



Crown Law  
Queensland Government

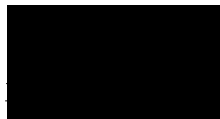
**QUEENSLAND FLOOD COMMISSION OF INQUIRY  
– STATE REPRESENTATION**

**CROWN LAW–(Ken Smith)**  
Response to Req. Ref# 1837419  
SM#1840121 Attachments #1840380 to  
1840496 File 535884/1  
Volume 1 ORIGINAL

**STATEMENT OF KENNETH SMITH  
01 FEBRUARY 2012**

**VOLUME 1**

Crown Solicitor  
50 Ann Street  
BRISBANE Q 4000



CRS/PRE052/1856/LAP

**QFCI**

Date:

10/2/12

Exhibit Number:

1138

**QUEENSLAND FLOODS  
COMMISSION OF INQUIRY**

**AFFIDAVIT OF KENNETH JOHN SMITH**

I, **KENNETH JOHN SMITH**, of c/- Trade Queensland, Queensland House, 392 Strand, London WC2R 0LT, UNITED KINGDOM, Agent-General for Queensland and Queensland Trade and Investment Commissioner, Europe, solemnly and sincerely affirms and declares:

**Requirement from Queensland Floods Commission of Inquiry**

1. I have seen a copy of a letter dated 30 January 2012 from the Commissioner, Queensland Floods Commission of Inquiry ("the Commission") to me requiring a written statement under oath or affirmation, which is attachment **KJS-01** and which details the topics my statement should cover.
2. In order to assist the Commission with its inquiries, and particularly in order to answer the questions posed in the requirement addressed to me I have asked the Department of the Premier and Cabinet to obtain copies of relevant emails and other documents that I would have received whilst I was its Director-General. I base this statement on the copies of documents that the department has provided to me.

**Role**

3. I am the Agent-General for Queensland and Queensland Trade and Investment Commissioner, Europe. I am appointed to my position by the Governor in Council for a term from 5 July 2011 to 4 July 2016.
4. Prior to my appointment as Agent-General for Queensland and Queensland Trade and Investment Commissioner, Europe, I was the Director-General of the Queensland Government Department of the Premier and Cabinet. The Department of the Premier

---

Page 1

Signe



Taken by



Solicitor/Barrister /Justice of the Peace/  
Commissioner for Declarations

---

Affidavit of Mr Kenneth John Smith

GR Cooper  
CROWN SOLICITOR  
11<sup>th</sup> Floor, State Law Building  
50 Ann Street  
Brisbane Qld 4000  
Telephone   
Facsimile 

Per Paul Lack  
CRS/PRE052/1856/LAP



and Cabinet department provides support and advice for the Premier and the Cabinet and is the lead public sector agency responsible for coordinating the delivery of the government's priorities.

5. As the Director-General of the Department of the Premier and Cabinet, I was the Chair of the State Disaster Management Group (SDMG). In this capacity I dealt with numerous flood related issues during the December 2010 and January 2011 flood events. During the events the SDMG was provided with advice from a wide range of specialist advisers and, as the Chair of the SDMG, I oversaw the planning and response to this advice.
6. During the December 2010 and January 2011 period, 18 extraordinary meetings of the SDMG were held due to the flood events. The minutes of these meetings are attached as **KJS-02**.

**Item 1: his 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**

7. As I have stated above, I received expert advice from many key parties over the period of 7 January 2011 to 12 January 2011. These parties included, but were not limited to, the SEQ Water Grid Manager, Seqwater, the Queensland Police Service, the full range of Queensland Government Departments and agencies, Local Councils, the Bureau of Meteorology, Commonwealth Government Departments including Emergency Management Australia the Australian Defence Force and power and telecommunications companies.
8. In order to assist the Commission I have requested that the Department of the Premier and Cabinet identify and collate the relevant advice regarding the dam operations that I received over the 7 January 2011 to 12 January 2011 period. The department has identified:

- a. emails with Ms Debbie Best, Acting Director-General of the Department of Environment and Resource Management at **KJS-03**;

- b. emails with Mr Barry Dennien, Chief Executive Officer of the SEQ Water Grid Manager at **KJS-04**;
  - c. emails with Mr Daniel Spiller, Director, Operations, of the SEQ Water Grid Manager at **KJS-05**;
  - d. emails with Mr Colin Jensen, Chief Executive Officer of the Brisbane City Council at **KJS-06**; and
  - e. other miscellaneous relevant emails at **KJS-07**.
9. Additionally, I attach a meeting note identified as relevant at **KJS-08**. I recall that this teleconference was arranged by Mr. Barry Dennien, SEQ Water Grid Manager, in line with the communications protocol in place between state, local government and the Bureau of Meteorology to discuss the likely impact of the various release strategies from the Dam having regard to rainfall, any tidal impacts. Those invited to participate in the teleconference in line with the protocol were, Peter Borrows, the CEO of SEQ Water, Peter Baddiley and Jimmy Stewart of BOM, Colin Jensen, CEO of the Brisbane City Council and I believe Carl Wulff the CEO of the Ipswich City Council as well as the organiser, Barry Dennien. The Premier was invited to attend the teleconference but could not participate, see **KJS-09**.
10. I recall that the focus of the teleconference was the impact of forecast rainfall, tide and water releases on the Brisbane and Bremer Rivers. I recall that BOM participation from a weather forecast and hydrology perspective was quite extensive. The purpose of the meeting was to ensure that all the participants had a shared understanding of the implications of the combination of the proposed releases from SEQ Water, the rainfall above and below the dam wall, as well as any tidal impacts. The outcomes of the teleconference were further discussed at a State Disaster Coordination Committee that afternoon and evening and then to the SDMG convened early the next day (11 January). However the meeting at Kedron became more focussed on the disastrous flash flooding that had occurred in Toowoomba that afternoon. I do not have the minutes of the teleconference held on 10 January.
11. In receiving briefings on water releases from Wivenhoe Dam I relied upon the advice provided to me by various specialist parties. My focus and engagement with the information provided was on the actual and predicted downstream impacts of the

Signed: . . .  
Deponent

Page 3

Taken by . . .  
Solicitor/Barrister/Justice of the  
Peace/Commissioner for Declarations



combined rainfall and dam releases, as opposed to which flood operations strategy under the 'Manual of Operation Procedures for Flood Mitigation at Wivenhoe Dam and Somerset Dam' was employed at any given time.

**Item 2: how, if at all, that understanding changed since 12 January 2011 and the reason for the change in understanding**

**Item 3: whether he is aware of any accounts of the choice and timing of the dam operations strategies employed to manage the flood event that differ from his understanding of the events and if he is, a description of those different accounts and the source of the accounts**

**Item 4: when he first became aware of the accounts, if any, referred to in paragraph 3 above**

12. As I have stated above, I was dealing with the practical effects of water releases from Wivenhoe Dam and was not involved in technical matters such as release strategies. I relied upon those with the technical expertise to discharge their duties and I relied upon the advice of those experts. Accordingly, I had no need to have any understanding of which strategy was being used by the flood engineers in releasing water from the dam.

13. From my perusal of the Commission's interim report, I became aware that there were issues regarding the recording of the strategies by the flood operations engineers at certain times during the event. This is my earliest recollection of the contention regarding the recording of strategies.

14. More recently I have read some media reports which prompted me to consider that contention remains regarding the operation strategies despite the Commission's interim report. As soon as I became aware that some of the material I had received in January 2011 was relevant to these issues, I wrote to the Commission (at KJS-10) offering my assistance and availability.

**Item 5: all discussions, correspondence, meetings or briefings he participated in, in relation to the choice and timing of dam operations strategies used in the operation of Wivenhoe Dam between 7 January 2011 and 12 January 2011 and in respect of these identifying any that related to the different accounts, if any, referred to in paragraph 3**

15. I had no involvement in the choice or timing of dam operations strategies used in the operation of Wivenhoe Dam during the 7 January 2011 and 12 January 2011 period. This is appropriate as I had no statutory responsibility in this area. The relevant discussions, correspondence, meetings and briefings that I participated in are reflected in the materials attached to this statement.

**Item 6: any decision made, or action taken, by him in relation to the different accounts, if any, referred to paragraph 3 above.**

16. The extent of the action taken by me in relation to the differing accounts was to write to the Commission offering my full assistance and availability once the Commission announced that it would hold further hearings.

Affirmed by Kenneth John Smith on 1 February 2012 at London, United Kingdom in the presence of

Signed [redacted] .....  
Kenneth J. [redacted] Smith

Taken by [redacted] .....  
Solicitor/Barrister/Justice of the Peace/  
Commissioner for Declarations



**QUEENSLAND FLOODS COMMISSION OF INQUIRY**

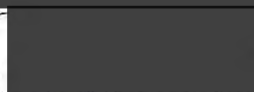
**CERTIFICATE OF EXHIBITS TO THE  
AFFIDAVIT OF KENNETH JOHN SMITH**

Bound and marked **KJS-01** to **KJS-10** are the exhibits to the affidavit of Kenneth John Smith affirmed on **1** February 2012 at London, United Kingdom in the presence of

Signed  
Kenneth



Taken by:



Solicitor/Barrister/Justice of the Peace/  
Commissioner for Declarations

## QUEENSLAND FLOODS COMMISSION OF INQUIRY

### INDEX TO EXHIBITS TO THE AFFIDAVIT OF KENNETH JOHN SMITH

Exhibit	Title	Date	Page No.
KJS-01	Letter the Commissioner, Queensland Floods Commission of Inquiry to Kenneth John Smith	30.01.12	1-2
KJS-02	Minutes of 18 extraordinary meeting of the SDMG	Various	3-135
KJS-03	Emails with Ms Debbie Best, Acting Director-General of the Department of Environment and Resource Management	Various	136-153
KJS-04	Emails with Mr Barry Dennien, Chief Executive Officer of the SEQ Water Grid Manage	Various	154-233
KJS-05	Emails with Mr Daniel Spiller, Director, Operations, of the SEQ Water Grid Manager	Various	234-300
KJS-06	Emails with Mr Colin Jensen, Chief Executive Officer of the Brisbane City Council	Various	301-308
KJS-07	Relevant miscellaneous emails	Various	309-465
KJS-08	Meeting note identified as relevant	Various	466-468
KJS-09	Memo re the Premier's attendance cancelled	Various	469
KJS-10	Letter from Ken Smith to the Commission	29.01.12	470-471

Affirmed by Kenneth John Smith on  
Kingdom in the presence of

1 February 2012 at London, United

Signed . . .  
Kenneth

Taken by . . . . .  
Solicitor/Barrister/Justice of the Peace/  
Commissioner for Declarations

Our ref: Doc 1837419

30 January 2012

Mr Ken Smith  
Agent General and Trade Commissioner for Europe  
Trade Queensland  
Queensland House  
392 Strand  
London WC2R 0LT

### 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 Mr Ken Smith to provide a written statement, under oath or affirmation, to the Queensland Floods Commission of Inquiry, in which the said Mr Ken Smith gives an account of:

1. his 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. whether he is aware of any accounts of the choice and timing of the dam operations strategies employed to manage the flood event that differ from his understanding of the events and if he is, a description of those different accounts and the source of the accounts
4. when he first became aware of the accounts, if any, referred to in paragraph 3 above
5. all discussions, correspondence, meetings or briefings he participated in, in relation to the choice and timing of dam operations strategies used in the operation of Wivenhoe Dam between 7 January 2011 and 12 January 2011 and in respect of these identifying any that related to the different accounts, if any, referred to in paragraph 3
6. any decision made, or action taken, by him in relation to the different accounts, if any, referred to paragraph 3 above.

In addressing these matters, Mr Ken Smith is to:

- provide all information in his possession and identify the source or sources of that information;
- make commentary and provide opinions he 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).



Commissioner  
Justice C E Holmes



**State Disaster Management Group  
Extraordinary Meeting Minutes  
10 am Friday 24 December 2010**

Liaison Room  
State Disaster Coordination Centre  
[REDACTED]

**Responsible  
Agency**

**Chair**

**1. Welcome and Apologies**

The Chair welcomed the following special guests

The Premier of Queensland, Premier Anna Bligh MP

Deputy Premier and Minister for Health, Paul Lucas MP

The Minister for Police, Corrective Services and Emergency Services, Neil Roberts MP

Regional Director (Queensland) Bureau of Meteorology, Jim Davidson

The Chair welcomed the members of the SDMG (Director General Department of Education and Training via teleconference), their respective agency representatives

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham

SDMG Member Deputy – Department of Employment, Economic Development and Innovation – Trevor Van Dam

SDMG Member – Department of Environment and Resource Management – John Bradley

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

SDMG Member – Department of Justice and Attorney General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Bruce Grady

SDMG Member – Local Government Association of Queensland – Greg Hallam

SDMG Member Deputy – Queensland Health, Acting Chief Health Officer Aaron Groves

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member Deputy – Queensland Treasury – Walter Ivessa

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a 15 minute PowerPoint presentation on the current weather situation and the 8 day outlook.

Mr Davidson answered questions from the SDMG group and was thanked for his presentation.

## **3. Situational Report**

Assistant Director General, Emergency Management Queensland (EMQ), Mr Bruce Grady provided a brief update on the real time rain event arrangements and activities.

Mr Grady noted the cooperation between the Local Disaster Management Groups (LDMG's) and District Disaster Coordinators (DDC's) and on-going combined efforts of EMQ and Queensland Police Service (QPS) in the management of the current events.

It was noted that Christmas Day may be problematic with regards to the mobilisation of the State Emergency Services (SES) volunteers but some SES redundancy currently exists in the southern regions which is not expected to be impacted by the current rain events.

### **Resolution:**

The Chair requested that the Deputy Premier and the Minister for Police, Corrective Services and Emergency Services have their email address placed on the Daily Situation Report Email Distribution List. In addition the chair provided SDMG members with the option of opting into receiving the 5am Daily Situation Report via email with those members wishing to be included to make their details available post meeting.

## **4. Agency Preparedness**

- The Chair called for agency preparedness reports as follows:

**Jim Davidson**

**EMQ**

**Completed post  
meeting by**

**SDMG  
Secretariat,**

**EMQ Mike  
Schapland**

**DPC Brad Smith**

**All Members**

**Queensland Police Service –  
Commissioner Bob Atkinson**

The Commissioner advised of the following:

- Department of Community Safety (DCS) and QPS continue to work together in the management of the current situations through the appropriate channels
- QPS Senior Executive have been meeting daily for the past week
- DDC's are operational
- Specialised Units and Police Air Wing are on standby
- The Disaster Management teams and Media Liaison Branch are working well together in the management of these activities and in preparation for future activity should it occur.
- Arrangements are in place to recall officers from leave should this be necessary.

**Comment:**

The Premier did raise the issue of longer term weather concerns and the possible impact on New Years Eve activities. This issue was noted by the Commissioner for inclusion in further event management considerations.

**Department of Transport and Main Roads –  
Director General David Stewart**

The Director General advised of the following:

- The relevant officers within the department are meeting daily to discuss the issues surrounding the rain event
- The department and staff are at a high level of preparedness
- The department information website is being kept up to date with all relevant information (especially road closures)
- Road Tech crews are on standby in North Queensland
- The department is currently considering "load limiting" actions
- Rail and the rail network is being monitored
- Aviation (Sky Trans) and Maritime (Costal Shipping) assets have been contacted with regards to resupply requirements (if required)
- Maritime – all ports remain open with the Harbor Masters monitoring conditions
- An alert has been issued to recreational boaters expressing caution in light of the current weather conditions and forecast.

**Department of Community Safety –  
Director General Jim McGowan**

The Director General advised of the following:

- The current level of disaster management preparedness is the best of many years
- 200 Queensland Fire and Rescue Service (QFRS) specialised members have been deployed and are in place in various identified locations including Airlie Beach, Proserpine, Bundaberg, Yeppoon, Ingham and Townsville

- Queensland Ambulance Service (QAS) is at the standard level of preparation
- EMQ is assisting QPS where required

**Department of Environment and Resource Management –  
Director General John Bradley**

The Director General advised of the following:

- The mines of greatest concern at the moment are those in the central region.
- Four minor incidents (discharges) are currently being monitored for environmental compliance
- Townsville refineries overflow storage is currently being observed
- One gate at Wivenhoe Dam is currently open and will close some time in the next 24 hrs.
- The current release rate is 350 cubic meters per second.
- Should the significant rain event occur and there is a requirement to release more water the current release rate could be increase by as much a 10 fold.
- Modelling into release rates and river levels is currently being investigated.
- A community based fact sheet has been developed (and is due for release soon) with information pertaining to the release of water from our dams – why it occurs and operations protocol behind a release.

**Comment:**

The Premier and the Chair noted the information contained in the draft fact sheet and highlighted that the information may be of great interest to the general public and consideration may wish to be afforded to contacting the newspapers for the inclusion of the fact sheet within a publication or advertisement.

The Director General noted these comments and the Chair advised that an electronic copy of the fact sheet would be disseminated to SDMG members post meeting.

**Department of Education and Training –  
Director General Julie Grantham (via teleconference)**

The Director General advised of the following:

- With all of the Schools and TAFE colleges close they are concentrating on Emergency Community Response
- Arrangements are in place to ensure access is available to schools
- The relevant communications protocols are in place
- Arrangements are in place for staff to assist EMQ if required

**Comment:**

The Director General, DCS, also advised that EMQ has an MOU in place with Clubs Queensland detailing the availability of utilising club facilities during emergencies.



## **Department of Health –**

### **Acting Chief Health Officer Doctor Aaron Groves**

The Acting Chief Health Officer advised of the following:

- The Director General, Queensland Health, had held a regional teleconference to discuss the issue with relevant staff.
- Queensland Health has robust business continuity plans in place.
- Their current concern from a health perspective would be the current discharges from the mines and its environmental impact on the communities wellbeing (Department of Environment and Resource Management and Queensland Health are in discussions with regards to this matter).
- Queensland Health is also looking at community recovery should a large scale/major rain event eventuate.

## **Department of Communities –**

### **Director General Linda Apelt**

The Director General advised of the following:

- Regional Recovery Teams have been placed on alert
- 11 government agencies are prepared to release staff for disaster management / relief work
- Communications protocols have been established with financial institutions with regards to cash payments
- Internal coordination units have been briefed and are on standby
- Currently assistance and grants are being addressed on a case by case basis and to date this has occurred through the provision of assistance and not the allocation of money.
- The 3 major Non Government Organisations (NGO's) have staff ready to deploy.

## **5. Arrangements covering the Christmas/New Year period**

**Chair**

The chair articulated the importance of ensuring that the protocol procedures are in place over this period in time

The chair also invited those members and departmental contact officer (that may been interested) to dial in and partake in the daily State Disaster Coordination Centre hosted teleconference.

### **Resolution:**

Chief Superintendent, Alistair Dawson was asked to coordinate the dissemination of the teleconference protocol procedures and provide this information (with a daily schedule/timetable) to all SDMG Members and Departmental Contact Officer's.

**SDMG  
Secretariat  
(completed post  
meeting)**

## **6. Other Agency Reports (by exception)**

**XO**

None Provided

## **7. Other Business**

**Chair**

The chair raised the issue of appointing a State Disaster Coordinator (SDC) for the December rain event and after discussion with the Commissioner they decided an SDC would be appointed to ensure that event preparations and management were conducted in a careful and controlled way.

- The SDC for the December Rain Event 2010 is Deputy Commissioner Ian Stewart, Queensland Police Service.
- Email advice of this appointment has been given to all DDC's with a request to disseminate to all Local Disaster Coordinators.

### **Resolution:**

That members note the appointment of Deputy Commissioner Stewart as the SDC. Deputy Commissioner Ian Stewart was formally appointed as SDC with effect 24 December 2010 and until the appointment is terminated.

## **8. Future Meetings**

**Chair**

The Chair noted that the State Disaster Coordination Group (SDCG) will continue to meet over the Christmas/New Year period and that another meeting of the **SDMG** would be considered in line with the development of the event.

### **Resolution:**

The SDMG Executive Officer, Assistant Commissioner Brett Pointing, will oversee the call out of SDMG members should additional meetings be required. This is to be facilitated via the SDMG Secretariat.

**SDMG XO and  
SDMG  
Secretariat**

## **9. Meeting Closed**



## Attendance Sheet

**Meeting Date:** Friday 24 December 2010  
**Venue:** Liaison Room  
 State Disaster Coordination Centre

**Time:** 10am – 11am

Quorum = 8 Permanent Members

	Agency	Attending	Signature
Members	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	in attendance
	Department of Employment, Economic Development and Innovation	Ian Fletcher	MEMBER DEPUTY ATTENDED - SEE BELOW
	Department of Environment and Resource Management	John Bradley	in attendance
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	David Stewart	
	Emergency Management Queensland	Bruce Grady	
	Local Government Association of Queensland	Greg Hallam	
	Queensland Health	Mick Reid (Adam Goves proxy)	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury <i>Acting Under Treasurer (member deputy)</i>	WALTER IVESSA Alex Beavers	
Other Attendees	Queensland Police Service <i>Executive Officer</i>	Brett Pointing	
	Queensland Police Service <i>Secretariat</i>	Deb Watkins	
	Queensland Police Service	Ross Barnett	
	Queensland Police Service	Ian Stewart	
	Queensland Police Service	Andy Henderson	
	Queensland Police Service	Peter Martin	
	Queensland Police Service	Alistair Dawson	
	Queensland Police Service	Shane Chelepy	
	Queensland Police Service	Richard Hahn	
	Queensland Treasury	Walter Ivessa	
	Department of Transport and Main Roads	Jack Noye	
	Department of Transport and Main Roads	Don Bletchly	
	Department of the Premier and Cabinet	John Gardiner	
	Department of the Premier and Cabinet	Brad Smith	
	Queensland Health	Noel Gillard	
	Department of Education and Training	Lee Callum	
	Local Government Association of Queensland	Greg Hoffman	
	Department of Communities	Phil Carney	
	Department of Employment, Economic Development and Innovation	Trevor Van Dam	



## Attendance Sheet

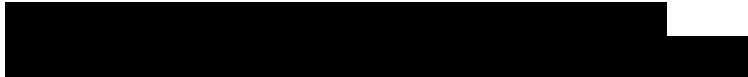
Tai Mackenzie	dms	
GREG HOFFMAN	LGA	
TIM HERBERT	DPC	

Draft



**State Disaster Management Group  
Extraordinary Meeting Minutes  
3 pm Tuesday 28 December 2010**

Liaison Room  
State Disaster Coordination Centre



**Responsible  
Agency**

**Chair**

**1. Welcome and Apologies**

The Chair welcomed the following special guests:

Acting Premier and Minister for Health, Paul Lucas MP

The Minister for Police, Corrective Services and Emergency Services, Neil Roberts MP

Regional Director (Queensland) Bureau of Meteorology, Jim Davidson

The Chair welcomed the members of the State Disaster Management Group (SDMG), including those attending via teleconferencing, and their respective agency representatives

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member - Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member Deputy – Department of Employment, Economic Development and Innovation – Trevor Van Dam

SDMG Member – Department of Environment and Resource Management – Debbie Best

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

SDMG Member – Department of Justice and Attorney General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Members – Department of Transport and Main Roads – Jack Noye



SDMG Member – Emergency Management Queensland – Bruce Grady

SDMG Member Deputy – Queensland Health, Acting Chief Health Officer Aaron Groves

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member Deputy – Queensland Treasury – Walter Ivessa

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Peter Baddiley provided a comprehensive presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG group and was thanked for his presentation.

## **3. Acting Premier and Minister for Health – Mr Paul Lucas MP**

The Acting Premier reminded the group of the requirement to continue to interface with local authorities via the local committees within the communities, particularly in the flooding hotspots.

The Acting Premier also articulated the need to update the general summary documents available in the public domain.

The Acting Premier also encouraged agencies to ensure that the response effort was well resourced.

## **4. Minister for Police, Corrective Services and Emergency Services – Mr Neil Roberts MP**

The Minister stated he was pleased with the response work that is occurring at the local, district and state level.

The Minister was happy with the lead up preparations and believes these actions have worked well.

The Minister thanked all those present for their efforts and the efforts of their staff.

## **5. State Disaster Coordinator – Deputy Commissioner Ian Stewart**

The State Disaster Coordinator (SDC) advised that many of the Local Disaster Management Groups (LDMG's) are operational and several District Disaster Management Groups (DDMG's) are also operational in response to the rain event/floods.

The SDC advised several disaster declarations had been made during the day and lessons have been learnt with regards to the execution of these

**Jim Davidson**

declarations.

The SDC advised that there have been and will be many lessons learned from this event and that in the “hot de-briefs” that will occur over the next few days these will be raised.

The SDC encouraged the members and their representatives to take part in these briefings and/or pass their feedback/comments back to the SDMG via the Executive Officer (XO) or SDMG Secretariat.

The SDC articulated that we must make our focus the people in the effected communities and start thinking about the transfer from response to recovery. We should also work on the management of the communities’ expectations.

## **6. State Disaster Management Group Chairperson – A/Assistant Commissioner Alistair Dawson**

The Chair of the State Disaster Management Group provided an update on the activities of the relevant District Disaster Groups including some district specific concerns and activities.

## **7. Agency Reports**

**All Members**

The Chair called for agency preparedness reports as follows:

### **Queensland Police Service – Commissioner Bob Atkinson**

The Commissioner advised of the following:

- Queensland Police Service (QPS) have mobilised various assets including the Water Police, Tactical Crime Units and Public Safety Response Team.
- The police aircraft currently stationed at Mt Isa will be redeployed to Rockhampton on 29<sup>th</sup> December 2010.
- Each police region has been affected by the rain event with the worst hit region being Central Region.
- QPS are also looking at the public safety issues surrounding the return of a large number of people from Christmas holiday on roads that may have been damaged.

### **Emergency Management Queensland - Assistant Director General Bruce Grady**

The Director General advised of the following:

- There had been Disaster situation declarations for Longreach, Gladstone and Dalby
- The Emergency Alert Systems (SMS) has been used successfully for Warra (to advise residence of drinking water concerns), Emerald (to advise residence of preparations for flood peaks), Dalby Jericho and Alpha (to advise residence of evacuations) with good coverage.
- A request for Defence Force assistance (DACC request) is underway but the application process is slow and it will need to be addressed again with the Commonwealth post event



- EMQ are still having daily teleconferences with the regions and at this time there are reports of State Emergency Services staff fatigue.

**Comments:**

The Acting Premier advised that he had spoken with the Acting Prime Minister with regards to defence assistance and was advised that there were no issues from the federal government side and that support is available.

**Department of Community Safety –  
Director General Jim McGowan**

The Director General advised of the following:

- The Queensland Fire and Rescue Service (QFRS) have been prepositioned at Theodore and Biloela.
- Prisoners on day release programs from Toowoomba are available for clean up when we required.

**Department of Transport and Main Roads –  
Acting Director General Jack Noye**

The Director General advised of the following:

- The Roadteck crew allocation has been exhausted (fully deployed)
- The 13 19 40 web page has 15 pages of data pertaining to road closures and as such the maps have been removed (due to speed and size).
- There are currently no concerns with regards to Maritime Safety.

**Department of Communities –  
Director General Linda Apelt**

The Director General advised of the following:

- Relief centres have been established at Rockhampton and Toowoomba and have been staffed by Rapid Response Teams.
- Scripts for Smart Service Queensland and the department website have been updated.
- The department is looking at outreach programs and/or small centre relief on a town by town basis.

**Department of Health –  
Acting Chief Health Officer, Dr Aaron Groves**

The Acting Chief Health Officer advised of the following:

- Queensland Health is keeping an eye on the septic problem and working with the relevant agencies.
- From a health perspective the evacuations have run smoothly.
- Queensland Health are now keeping an eye on stress and exhaustion issues with effecting relief staff.

**Department of Environment and Resource Management –  
Acting Director General, Debbie Best**

The Director General advised of the following:

- The dam operators, Department of Environment and Resource Management (DERM) and QPS are working well with regards to the issue of dam safety.



- DERM is being kept up to date by the water operators through daily briefings.

**Department of Education and Training –  
SDMG Deputy Member, Graham Atkins**

The Department of Education and Training Representative, Mr Graham Atkins advised that there were several education facilities experiencing minor water issues (flooding) but due to the closures of the facilities this was not a major issue.

**Department of Employment, Economic Development and Innovation –  
SDMG Member Deputy - Chief Operations Officer Trevor Van Dam**

The representative advised that:

- Concessional loans were being considered with Category C needing to meet commonwealth compliance.
- Application for access to hardship payments is being considered on a case by case basis.
- Personal hardship – non means tested 170 per person or 850 for a family of five.
- Essential household and structural are means and income tested
- Advised that access to non means tested fund was not being declared with the information being distributed in the declared areas via door knock and the 1800 173 349 number.
- The Smart Services Queensland website is being routinely updated.

**8. Utilities (sewerage, power, communications)**

Chair

The power supply is being restored in effected area in a timely manner however the issue that will arise is the reconnection of houses and businesses after the floods.

Relevant agencies are to consider this and address this concern as part of the recovery process.

**9. Other Business**

Nil

Chair

**10. Future Meetings**

- The Chair noted that the State Disaster Coordination Group will continue to meet over the next few days with the **State Disaster Management Group** scheduled to meet again on **Thursday 30 December at 3 pm**.

Chair  
SDMG XO and  
SDMG  
Secretariat

**11. Meeting Closed**





## Attendance Sheet

Meeting Date: Tuesday 28 December 2010  
 Venue: Liaison Room  
 State Disaster Coordination Centre

Time: 3pm

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Apologies	
	Department of Employment, Economic Development and Innovation <i>SDMG Member Deputy</i>	*Trevor Van Dam	TELE CONFERENCE
	Department of Environment and Resource Management	Debbie Best	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	*Philip Reed	TELE CONFERENCE
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Jack Noye	
	Emergency Management Queensland	Bruce Grady	
	Local Government Association of Queensland	Apologies	
	Queensland Health <i>SDMG Member Deputy</i>	Arron Groves	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury <i>SDMG Member Deputy</i>	*Walter Ivessa	TELECONFERENCE
Other Attendees	Queensland Police Service <i>Executive Officer</i>	Brett Pointing	
	Queensland Police Service <i>Secretariat</i>	Deb Watkins	
	Queensland Police Service	Ross Barnett	
	Queensland Police Service <i>State Disaster Coordinator</i>	Ian Stewart	
	Queensland Police Service	Andy Henderson	
	Queensland Police Service	Alistair Dawson	
	Queensland Police Service	Richard Hahn	
	Department of Education and Training	Graham Atkins	
	Department of Transport and Main Roads	Don Bletchly	
	Department of the Premier and Cabinet	IMO STATE	
	Department of the Premier and Cabinet	TIM HEERBERT	
	Queensland Health	Noel Gillard	
	Department of Education and Training		
	Local Government Association of Queensland	Greg Hoffman	
	Department of Employment, Economic Development and Innovation	Bruce Turner	
	Department of Communities	Phil Carney	



## Attendance Sheet

	Department of Communities	Glen Knights	
	Red Cross	Glen Knight	
	Alan Knight		

**State Disaster Management Group  
Extraordinary Meeting Minutes  
7:30 am Thursday 30 December 2010**

Liaison Room  
State Disaster Coordination Centre  
[REDACTED]

**Responsible  
Agency**

**Chair**

**1. Welcome and Apologies**

The Chair welcomed the following special guests

The Premier of Queensland, Premier Anna Bligh

Acting Premier and Minister for Health, Paul Lucas MP

The Minister for Police, Corrective Services and Emergency Services, Neil Roberts MP

The Chair welcomed the members of the State Disaster Management Group (SDMG) (including those attending via teleconferencing ) and their respective agency representatives

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Environment and Resource Management – Debbie Best

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

SDMG Member – Department of Justice and Attorney General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Members – Department Transport and Main Roads – Jack Noye

SDMG Member – Emergency Management Queensland – Bruce Grady

SDMG Member– Queensland Health – Mick Reid

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member Deputy – Queensland Treasury – Walter Ivessa

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Peter Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG members and were thanked for their presentation.

## **3. The Premier of Queensland – Premier Anna Bligh**

### **The Premier, Anna Bligh**

The Premier noted that the disaster was being very well managed at the local levels and noted the cooperation between Emergency Management Queensland and the Queensland Police Service.

The Premier noted that there was a requirement to describe the situation a little better especially in terms of the number of estimated to be evacuated and the anticipated flood levels. Perhaps to describe it in a national context and highlight the anticipated duration.

The Premier also discussed the issues of:

- Keeping on top of road closure and road safety announcements
- Public health concerns that will arise in the coming 10 days
- Utilisation of prison resources
- Redeployment and redundancy staff (from interstate if required)

The Premier concluded by stressing the need to keep on top of road closures, aim to better describe the event and focus on water treatment.

### **Deputy Premier and Minister for Health – Mr Paul Lucas MP**

The Deputy Premier reinforced the statements made by the Premier and expressed his desire to make sure that we use the worst case scenario when advertising flood levels.

### **Minister for Police, Corrective Services and Emergency Services – Mr Neil Roberts MP**

The Minister expressed that the local and district arrangement were working well but we must afford consideration to the expectations and demands placed upon the government in regards to the recovery phase.

**Jim Davidson**



#### **4. State Disaster Coordinator – Deputy Commissioner Ian Stewart**

The State Disaster Coordinator (SDC) noted that the main focus may be Emerald / Rockhampton and Bundaberg but we must not overlook the other effected smaller communities.

The SDC noted that his main focus now is turning to the coordination from response to recovery. The State Disaster Coordinator / State Recovery Coordinator positions will probably co-exist for at least a week.

The issue of checking electricity structures within houses is being taken care of by the Local Disaster Management Group (LDMG's) and Distric Disaster Coordinators (DDC's) and it appears to be in hand.

#### **5. State Disaster Management Group Chairperson – A/Assistant Commissioner Alistair Dawson**

- The Chair of the State Disaster Management provided an update on the activities of the relevant District Disaster Groups including some district specific concerns and activities.

#### **6. Agency Reports**

The Chair called for agency preparedness reports as follows:

##### **Queensland Police Service – Commissioner Bob Atkinson**

The Commissioner advised of the following:

- Queensland Police Service (QPS) have mobilised various assets including the Water Police, Tactical Crime Squads and Public Safety Response Team.
- The QPS are now looking at the issue of fatigue management both within the regions and within the State Disaster Coordination Centre response team.
- The Commissioner thanked the Premier for the support provided to QPS through the Government Air Wing.
- QPS are also focusing on New Years Eve arrangement with the intention to promote safe and responsible drinking and to not divert police from their current important duties through during the period.
- QPS are also looking at the return of a large number people from holiday on roads that may have been damaged. The largest concern is the road conditions and road safety.

#### **Comment:**

The Premier also commented on the need to reassure people that there are additional police on the ground in effected areas and that looting is currently not a concern but the additional police will be providing that additional property security support and act as a deterrent.

##### **Emergency Management Queensland Assistant Director General Bruce Grady**

The Director General advised of the following:

- There was a scheduled teleconference for 9am with the Australian National Retail Authority to discuss the issue of resupply.

**All Members**





- Queensland Fire and Rescue Service (QFRS) rural fire teams have been identified to be used in the clean up activities
- A mobile communications tower was deployed to Emerald to assist in the activities.
- Sea transportation is being considered for resupply.

#### **Department of Transport and Main Roads –**

##### **Acting Director General Jack Noye**

The Director General advised of the following:

- The Cunninghams Gap is now open
- The road damage bill is now in excess of \$1.5 billion
- The 13 19 40 website (and phone line) has been simplified and is being updated every 60 seconds
- RACQ is being updated on a regular basis and ABC regional radio has been providing assistance in get the message out.
- Private sector contractors are available to help with road repair on rotation with the current road tech crews.
- Department of Transport and Main Roads are working on supply and re supply transport issues as part of their ongoing work.
- Emerald rail bridge was closed at 8am with the last train at 6:30am

#### **Department of Communities –**

##### **Director General Linda Apelt**

The Director General advised of the following:

- Over 200 staff including Lifeline and Red Cross have been activated throughout the state.
- Relief centres have been established at Warwick, Dalby, Chinchilla, Emerald and Bundaberg.
- Outreach programs are in place to assist the rest of the State
- In the space of 1hr there were over 100 calls to the 1800 help line
- Material for each specific area has been developed and is being distributed throughout the regions.
- \$3060 has been expended for emergent loans.

#### **Department of Health –**

##### **Director General Mick Reid**

The Director General advised of the following:

- All public hospital services are intact with the exception of the facility in Theodore which has been closed.
- A health clinic has been established at the agricultural college and is being staffed by 40 hospital staff.
- The movement of patients and staff is now becoming a problem with the helicopters being use to transport critical cases to Cairns.
- Environmental health fact sheets have been developed for dissemination.
- A 1300 health care line has been established and Queensland Health has assisted Emerald with the provision of 100 blankets to the relief centres.



**Department of Environment and Resource Management (DERM)–  
Acting Director General Debbie Best**

The Acting Director General advised of the following:

- That DERM would like to establish a smaller working group consisting of DERM – LGAQ and Health to look at the issues of water treatment / sewerage and water purification.
- The Mt Cosby treatment plant was off line for 12 hours yesterday with the water management grid being utilised to cover this outage.
- There has only been one unauthorised release which was beyond the control of the mine and is not considered serious.

**Department of Employment, Economic Development and Innovation –  
SDMG Member Deputy) Chief Operations Officer Trevor Van Dam**

The representative advised that:

- Consideration needs to be given for Cat B assistance to both primary industry and small business. Cat B needs to be instigated by the state before the state can consider Category C support with the Commonwealth. Once Category C is implemented that work will have to be undertaken in conjunction with Treasury.
- The DEEDI representative in Rockhampton advised that tourism is experiencing a 40% loss but will not be eligible for Cat B assistance unless their infrastructure has been affected.

**Local Government Association of Australia (LGAQ)–  
SDMG Member Deputy Greg Hoffman**

The representative advised that:

- Local government are looking at the issue of water and sewerage very closely. In addition to waste water the LGAQ are also looking into rubbish removals.
- The LGA are also looking at the issue of mosquito and midge control and the movement of council workers and equipment.

**7. Other Business**

Nil

**8. Future Meetings**

The Chair proposed the next meeting of the State Disaster Management Group take place Friday 31<sup>st</sup> December 2010 at 3pm at the Emergency Services Complex Kedron.

**9. Meeting Closed**

**Chair**

**Chair  
SDMG XO and  
SDMG  
Secretariat**

#### NOTE FROM THE SECRETARIAT –

During the proceedings of this meeting the Attendance Sheet was misplaced.

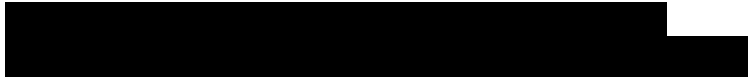
After a search of the area and a request of the members to check that the document hadn't been mistakenly collected up amongst their meeting documents, the Attendance Sheet was still unable to be located.

As a result the attendance recorded within the minutes consists of the recollection of the members (with regards to their agency representation) and notes taken by the secretariat.

Upon endorsement of these minutes at the next ordinary meeting (2 March 2011) the attendance will be correct as state within the minutes.

**State Disaster Management Group  
Extraordinary Meeting Minutes  
3 pm Friday 31 December 2010**

Liaison Room  
State Disaster Coordination Centre



**Responsible  
Agency**

Chair

**1. Welcome and Apologies**

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology (BoM) representatives:

Mr Peter Baddiley  
Mr Bruce Gunn  
Mr Jim Elliot

The Chair noted apologies from the Minister for Police, Corrective Services and Emergency Services, Neil Roberts MP, and the Commissioner of the Queensland Police Service, Bob Atkinson.

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member - Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Environment and Resource Management – Debbie Best

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – Jack Noye

SDMG Member – Emergency Management Queensland – Bruce Grady



SDMG Deputy Member – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid

SDMG Member Deputy – Queensland Treasury – Walter Ivessa

## **2. Bureau of Meteorology Presentation**

**Jim Davidson and  
Peter Baddiley**

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG members and were thanked for their presentation.

In response to the BoM presentation, the Chair expressed the importance of strong messaging to communities and expectation management in regard to a prolonged duration of events.

## **3. Disaster Area “Hot Spot” Reports**

**A/Assistant  
Commissioner  
Dawson**

A/Assistant Commissioner Dawson provided a summary of the “Hot Spots” around Queensland. These include:

- **Emerald**
  - 400 people are in evacuation centres.
  - Hospital and aged care facilities were evacuated.
  - Queensland Fire and Rescue Service (QFRS) flexible habitat facility and tents have been airlifted to Emerald.
  - 540 homes have been evacuated.
  - Road bridge expected to be operational on Tuesday.
  - Rail bridge expected to be operational on Saturday.
  - Power, water and communications are operational.
- **Rockhampton**
  - The University’s facilities have been identified as an evacuation centre for approximately 1500 people.
  - 200 houses have been inundated.
  - Airfield expected to be out of action this weekend.
  - Plans are in place to relocate the Royal Flying Doctors Service (RFDS) to Gladstone.
  - Telstra are continuing to attend to communication issues in the Woorabinda area.
  - A government directive has been approved to extend retail trading in Rockhampton from Sunday morning through to Monday. The directive enables large supermarkets to remain open over the weekend and the public holiday on Monday.
  - A field hospital is to be established in Gladstone and a clinic in North

Rockhampton.

- **Bundaberg**

208 homes have been inundated.

Damage assessments on Bundaberg roads and bridges are to occur on Saturday.

Reports that the Paradise Dam has collapsed are false.

- **Condamine**

Evacuations have occurred with assistance from the ADF.

Additional Police have been flown in from Dalby to assist.

Reports from the Red Cross indicate that counselling to affected residents is progressing well.

- **Theodore**

All residents have been evacuated.

It is expected that a return to the area will be slow due to the significant flooding.

Residents are being informed as to the current situation. The Chair expressed the importance of utilising communications officers to keep resident informed of events and activities.

The Chair expressed the need for Government to work closely with the Insurance Council.

- **Dalby**

Two evacuation centres have been operational.

Activities relating to water supply for the area are in place.

Contractors are providing the water supply service.

Messaging within the community regarding water contamination is an important activity at present.

#### **4. State Disaster Coordinator - Update**

The State Disaster Coordinator (SDC) made note of his travels with the Premier and Prime Minister to flood affected areas of Queensland including Emerald and Rockhampton.

The SDC conveyed to the SDMG the praise expressed by the Premier and Prime Minister as to the efforts of agencies in responding to this event.

The SDC noted discussions with the Director-General of Emergency Management Australia, Mr Campbell Darby. Mr Darby expressed the Commonwealth Government's commitment to assisting the Queensland Government as requested. In this regard the Australian Defence Force had been assisting with response efforts and an operations cell is being formed at the Enoggera Barracks.

The SDC noted discussions with the National Security Advisor, Mr Duncan Lewis, who also offered support as requested.

The SDC noted the generous donations to the flood appeal by various

**Deputy  
Commissioner Ian  
Stewart**

companies including the Commonwealth Bank, Xstrata and Coles Myer.

## **5. State Recovery Coordinator - Update**

Mr Bruce Grady

The State Recovery Coordinator (SRC) advised that the State Recovery Committee had met and determined that a comprehensive Strategic Recovery Strategy is to be developed. The Strategy will include a number of key milestones for the purpose of informing Executive Government as to the progress of the recovery.

A Strategic Recovery Plan is to be developed for Cabinet approval.

The SRC noted that liaison with local governments regarding key local issues is an important task for the State Recovery Committee. The timing as to which local governments are consulted is important as the timing between response and recovery will be different in different areas.

The SRC noted that it will be important for data to flow from the local level to the state level to improve strategic decision making.

The SRC advised that all industry groups are to be contacted to ensure a collective recovery strategy.

The SRC noted that large offers of assistance need to be managed, including offers from mining companies who are able to offer workers.

The SRC noted that a very large call for Natural Disaster Relief and Recovery Arrangements (NDRRA) would be required.

## **6. Agency Reports**

All Members

The Chair called for agency reports as follows:

### **Department of Employment, Economic Development and Innovation – Acting Director General – Debbie Best**

The Member advised that:

- Mining disruption is currently a major issue and that export losses will be considerable. Mining companies will be focusing on removing water from mines. Department of Employment, Economic Development and Innovation (DEEDI) will be liaising with mining companies to examine issues.
- Not all primary producers are experiencing hardship, particularly members of the beef industry who do not appear to be as negatively affected as cropping farmers.
- DEEDI officers are to commence door-knocking in flood affected areas to ensure assistance is provided where required. A daily summary of these issues is to be produced by DEEDI for circulation.
- The Premier has agreed to write to the Prime Minister regarding Category Six assistance.

### **Department of Transport and Main Roads – Acting Director-General Jack Noye**

The A/Director General advised that:

- There had been issues with pineapple growers in Yeppoon.
- Inspectors continue to assess roads and bridges across Queensland.

**Department of Health –  
Director General Mick Reid**

The Director General advised that:

- Two clinics had been established in Emerald, one on either side of the river.
- A clinic is to be established in Rockhampton on the north side of the river.
- Fixed wing and helicopter aircraft were assisting with activities in Rockhampton.
- Public health at this time was good and the current focus is on public and environmental health.

**Department of Communities –  
Director General Linda Apelt**

The Director General advised that:

- Lifeline and Red Cross were providing valuable assistance to communities across Queensland.
- At present, 68 grants had been paid.

**Local Government Association of Queensland –  
SDMG Member Deputy Greg Hoffman**

The representative advised that:

- Clean-up issues will become the focus for local governments when the flood waters subside. In this regard, councils will need to identify resources to assist in the clean-up.

**7. Other Business**

The Chair asked all agencies to confirm their Deputy SDMG Members as soon as possible. Confirmation of Deputy Members is to be provided to the SDMG Secretariat.

The Chair expressed his thanks to all agencies for their efforts in responding to the floods. The Chair requested members to convey his thanks to those agency officers working at the local level.

**8. Future Meetings**

The Chair put to the members the option for a next meeting to occur on either Sunday 2 January 2011 or Monday 3 January 2011, subject to member agreement and agreement by the State Disaster Coordinator.

The State Disaster Coordinator suggested that the situation in Rockhampton would likely determine the timing for the next meeting and that a meeting on Sunday 2 January 2011 at 2pm would be preferred.

The Chair agreed that a Sunday meeting at 2pm would be scheduled and if it was not required, the Secretariat would contact members to confirm a possible reschedule to Monday at 2pm.

Chair

Chair



## **9. Meeting Closed**

### **NOTE FROM THE SECRETARIAT –**

During the proceedings of this meeting the Attendance Sheet was misplaced.

After a search of the area and a request of the members to check that the document hadn't been mistakenly collected up amongst their meeting documents, the Attendance Sheet was still unable to be located.

As a result the attendance recorded within the minutes consists of the recollection of the members (with regards to their agency representation) and notes taken by the secretariat.

Upon endorsement of these minutes at the next ordinary meeting (2 March 2011) the attendance will be correct as stated within the minutes.

# **State Disaster Management Group Extraordinary Meeting Minutes 2 pm Sunday 2 January 2011**

**Conference Room  
Level 15  
Executive Building  
100 George Street  
Brisbane**

## **Responsible Agency**

Chair

### **1. Welcome and Apologies**

The Chair welcomed the Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed BoM representatives:

Mr Peter Baddiley

Mr Bruce Gunn

The Chair noted attendance via teleconference of the Director General of the Department of Education and Training - Julie Grantham.

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham (via teleconference)

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Environment and Resource Management – Debbie Best

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – Jack Noye

SDMG Member – Emergency Management Queensland – Bruce Grady

SDMG Deputy Member – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid

SDMG Deputy Member– Queensland Treasury – Alex Beavers

SDMG Deputy Member - Queensland Police Service – Ross Barnett

SDMG Deputy Member – Department of Infrastructure and Planning – Michael Kinnane

## **2. Bureau of Meteorology Presentation**

Mr Gunn provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Gunn and Mr Baddiley answered questions from the SDMG members and were thanked for their presentation.

In response to the BoM presentation, the Chair noted the focus on Rockhampton and the Balonne River system that feeds into Surat and St George.

## **3. Disaster Area “Hot Spot” Reports**

The Chair noted the integration of Agenda 4 (Update by the State Disaster Coordinator) into this update.

A/Assistant Commissioner Dawson provided a summary of the “Hot Spots” around Queensland.

These include:

- **Emerald**
  - 354 people are in evacuation centres.
  - 2,500 people have self evacuated
  - 1,000 premises with water inundation
  - 3,000 premises with yard water
  - 100% of industrial premises have suffered partial or full water inundation.
  - 75% of commercial premises have suffered partial or full water inundation. Totalling 4,500 impacted.
  - Resupply of fuel being undertaken.

**Bruce Gunn and  
Peter Baddiley**

**A/Assistant  
Commissioner  
Dawson**



Queensland Fire and Rescue Service (QFRS) flexible habitat facility and tents have been airlifted to Emerald.

Department Of Communities noted that 27 staff have been deployed to Emerald and will be housed in the QFRS Habitat

Food resupply underway.

LGAQ noted that there is a requirement to ensure cleaning products and disinfectant are prioritised for supply to assist those returning to homes for cleaning.

The Chair noted that Insurance Council Fact Sheets regarding clean up of impacted premise need to be distributed more widely.

Queensland Health noted the reopening of an emergency department in Emerald with resupply of equipment. A mental health team was also deployed.

- **Rockhampton**

29 people at evacuation centre at the University's facilities. The facility can house approximately 1500 people.

200 houses have been inundated.

1,000 premises with water through the yard.

200 businesses have been affected.

There has been a number of power disconnects within expected flooding areas.

Airfield closed to commercial lights, with emergency operations still able to gain access.

An air exclusion zone has been put in place approx 6 nautical miles.

A meeting with the National Retail Association via teleconference is to take place at 3PM on 2 January to discuss options for food resupply.

- **Woorabinda**

Power, utilities and communications are back on.

Queensland Police Service resources have been relocated to assist.

- **Theodore**

Water receding.

Evacuations still in place.

Consideration of evacuees at Moura being relocated by the 13th if required.

- **Surat**

2 people are located at the showground.

6 premises isolated by water surrounded - access via vessel.

Emergency personnel in town.

46 people are identified for evacuation if required.

Airport is at a level that it will be able to remain operational.

- **St George**

Significant flood activity expected within a week.

LDMG activated in preparation.

Evacuation centre and council chambers identified as being above



expected peak level.

40 premises may be affected.

QPS may deploy 6 personnel to the area, including two with vessel handling skills.

DCS noted the QAS field hospital arrived in the town on 1 Jan.

Airfield should be able to remain operational during event.

- **Bundaberg**

In recovery phase.

Department of Communities noted they have 20 staff located, 3 outreach teams and a recovery centre opened on morning of 2 January.

LGAQ noted water supply to Mundubbera damaged but still operational.

Bundaberg roads and bridges have suffered significant damage.

- **Condamine**

Evacuations still in place.

Additional police have been flown in from Dalby to assist.

#### **4. State Recovery Coordinator - Update**

The State Recovery Coordinator advised that 1402 homes had partial or full inundation, 1350 people evacuated and that QFRS was currently undertaking a rapid damage assessment.

The SRC noted that messages about immediate cleaning and reintegration are within the response phase while the role of the recovery committee is long term.

It was noted that the focus was on the re-establishment of Theodore and Condamine.

The SRC will travel to Banana on the 3 January to undertake assessment.

The State Recovery Committee had met and determined the need for the following:

- the need to support local recovery to allow the State to focus on strategic issues. The SRC encourage agencies to support resourcing local groups with the appropriate expertise;
- the need to develop a comprehensive Strategic Recovery Strategy. The Strategy will include a number of key milestones for the purpose of informing Executive Government as to the progress of the recovery;
- establishment of identified data sets for reporting; and
- establishment of a program to build confidence in the community.

The SRC also noted the importance to learn from Victoria lessons and was liaising with relevant Victorian members.

Mr Bruce Grady



Department of Public Works noted the need to set priorities for reconstruction efforts to allocate resources across the recovery effort.

Local Government Association of Queensland (LGAQ) noted they were matching councils in need with those unaffected and able to supply support.

The Chair further noted the need for State and Commonwealth agencies to be utilised to assist.

## **5. Agency Reports**

**All Members**

The Chair called for agency reports as follows:

### **Department of Employment, Economic Development and Innovation – Director General - Ian Fletcher**

The Member provided a written situation report prior to the meeting.

The Member further advised that:

- People were on the ground in Bundaberg and North Burnett and personnel were being deployed within the next 48 hours to Alpha, Jericho, and Emerald.
- Livestock – DEEDI are coordinating fodder drops. It was also noted that DEEDI were connecting AgForce representatives within the DDMG structure.
- The Prime Minister has approved grants of up to \$25,000 for 13 LGAs.

### **Department of Transport and Main Roads – Acting Director - General Jack Noye**

The A/Director General advised that:

- The 13 19 40 website was improving and was now more user friendly.
- ABC was providing a good source for information distribution.
- Rail has currently stopped at Yamba due to planning issues but these are being resolved.
- There had been issues with pineapple growers in Yeppoon but these were being resolved.
- Crews have been provided from Mackay into Emerald for road damage assessment.
- Expected to be significant damage to Dawson Highway once water recedes.

### **Department of Health – Director General Mick Reid**

The Director General advised that:

- Queensland Health (QH) have opened a facility at Gracemere plaza.
- Relief staff provided to Surat.
- Staff on hand to provide advice regarding tetanus to volunteers, being encouraged to call 13 Health. Booster shots will be made available through GPs.
- The Chair noted the need to use ABC to get the Health message out.

It was noted by the chair and agencies that there is a need to ensure websites were up to date with links to information and that the Crisis Communication

Network would be asked to look at this issue.

**Department of Communities –  
Director General Linda Apelt**

The Director General advised that:

- 280 Staff on the ground with outreach teams.
- Grants totalling \$115,290 have been given out.
- Smart Services Queensland hotline has received 2076 calls to date.
- Daily bulletins go to the ABC, which include all agency information.
- It was noted that Department of Communities and DCS are intending to request staff from other agencies for recovery centres.

**Department of Environment and Resource Management –  
A/Director-General Debbie Best**

The representative advised that:

- It was noted that the DERM spatial information advisor will be placed into the spatial cell in the State Disaster Coordination Centre.
- Hydrology stations may need repair; DERM will work with BOM in this regard.

**6. Other Business**

The Chair noted the offer of SES staff from other jurisdictions and that some personnel were arriving from South Australia today. The chair requested information as to the number of personnel from other jurisdictions assisting and when they would be assisting.

The Chair noted the issue of fatigue management and the need for all agencies to have this in their considerations.

Department of Public Works requested advice as to the number of staff across agencies going into Emerald, noting the need to establish accommodation. It was noted that some may not be required until the recovery phase.

The Chair noted resupply as a major issue and the need to ensure people were supported with basic needs such as cleaning products and essential foods.

The Chair also noted the need to start preparing in terms of insurance and re-construction issues.

The Chair noted that timely and accurate information is essential in gaining confidence in the community.

The Chair expressed his thanks to all agencies for their efforts in responding to the floods.

**7. Future Meetings**

The Chair put to the members the option for a next meeting to occur on Tuesday 4 January 2011 due to the expected situations and forecasting.

The Chair also noted the preference to meet at the Executive Building as of

Chair

Chair



Tuesday.

The members endorsed the proposal for the meeting to be held on 4 January and at the Executive Building.

**8. Meeting Closed**

Chair



## Attendance Sheet

Meeting Date: Sunday 2<sup>nd</sup> January 2011  
 Venue: Liaison Room  
 State Disaster Coordination Centre

Time: 2pm

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	*Julie Grantham	ON PHONE
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	Debbie Best	
	Department of Infrastructure and Planning <i>SDMG Member Deputy</i>	Michael Kinnane	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Jack Noye	
	Emergency Management Queensland	Bruce Grady	
	Local Government Association of Queensland <i>SDMG Member Deputy</i>	Greg Hoffman	
	Queensland Health <i>SDMG Member Deputy</i>	Mick Reid	
	Queensland Police Service <i>SDMG Member Deputy</i>	Ross Barnett	
	Queensland Treasury <i>SDMG Member Deputy</i>	Alex Beavers	
Other Attendees	Queensland Police Service <i>Executive Officer</i>	Brett Pointing	
	Queensland Police Service <i>State Disaster Coordinator</i>	Ian Stewart	
	Queensland Police Service <i>Secretariat</i>	Chandra Roulston	
	Queensland Police Service	Ross Barnett	
	Queensland Police Service	Andy Henderson	
	Queensland Police Service	Alistair Dawson	
	Queensland Police Service	Ken Bem	
	Queensland Police Service	Rob Graham	
	Emergency Management Queensland	Mike Schapland	
	Emergency Management Queensland	WARREN BRIDSON	
	Department of Education and Training	Graham Atkins	
	Department of Education and Training		
	Department of Transport and Main Roads	Don Bletchly	
	Department of Transport and Main Roads		
	Department of the Premier and Cabinet	Brad Smith	

MINISTER ROBERTS





## Attendance Sheet

Department of the Premier and Cabinet	Noel Gillard	Via teleconference.
Queensland Health	Aaron Groves	
Queensland Health	Phil Carney	
Department of Communities	Tony Hayes	
Department of Communities	Glenn Knights	
Local Government Association of Queensland		
Department of Environment and Resource Management		
Department of Employment, Economic Development and Innovation	Bruce Turner	
Department of Employment, Economic Development and Innovation		
Bureau of Meteorology	Peter Badley	
Bureau of Meteorology	Bruce Gunn	
Department of Infrastructure and Planning		
Emergency Management Aust	Peter Willett	
ADF - JTF 637	LUKE FOSTER	
DEEDI	Nate Bonlows	
DEEDI	Nate Bonlows	
DoC	David Shellshon	

**State Disaster Management Group  
Extraordinary Meeting Minutes  
3 pm Tuesday 4th January 2011**

Conference Room  
Level 15  
Executive Building  
100 George Street  
Brisbane

**Responsible  
Agency**

Chair

**1. Welcome and Apologies**

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member - Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Education and Training – Lyn McKenzie

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Environment and Resource Management – Debbie Best

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Natalie MacDonald

SDMG Member – Department of Transport and Main Roads – Jack Noye

SDMG Member – Emergency Management Queensland – Bruce Grady

SDMG Deputy Member – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid

SDMG Member Deputy – Queensland Police Service – Ross Barnett

SDMG Deputy Member– Queensland Treasury – Alex Beavers



## **2. Bureau of Meteorology Presentation**

Mr Jim Davidson and Peter Baddiley provided two presentations on the current weather situation/updated weather forecast and the river system flood levels.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG members and were thanked for their presentation.

## **3. Disaster Area “Hot Spot” Reports**

The Chair of the State Disaster Coordination Group, Chief Superintendent Alistair Dawson, provided updates on the situation in the following locations:

- **Emerald**

224 persons evacuated.

400 houses with water over the floor boards.

1200 with water over land or under houses.

Airport open.

Vince Lester Bridge open.

Recovery Centre open.

- **Rockhampton**

83 evacuated.

500 self evacuated.

400 homes with water over the floor boards.

1000 homes with water over land or under houses.

Road to the North open with 600mm margin for use.

Rail is closed.

Resupply issues that have arisen are currently being rectified.

- **Theodore**

50 Queensland workers deployed to work on rail line repairs.

Additional police assets on the ground.

Investigation/Evaluation teams for recovery assessment are at the evacuation centre.

Concerns were raised that media were taken photos of affected houses and showing them to the owners who were still in evacuation centres unable to return home. This issue was being addressed.

- **Condamine**

Health issues were current in Condamine with septic tank seals “popping” and a minor chemical spill into the flood waters.

Police are maintaining a presence in the town.

Assessments needed to be done on power/water/sewerage.

- **Surat**

3 persons have self evacuated.

160 000 litres drinking water available.

Bruce Gunn and  
Peter Baddiley

Chief Superintendent  
Dawson

Power and utilities are intact.

- **St George**

Airport is open but the road to the airport will be cut at 13.5 metres (estimated height 14.2 metres by the weekend).

3 Helicopters are available to help transport passengers from the closed road to the airport.

2 Royal Australian Navy SEA KING helicopters are on standby at Roma with a heavy lift capacity.

Elderly patients have been evacuated from “Werawai” and moved to the evacuation centre.

The evacuation centre (in the local primary school) is at 15 metres.

**Dirranbandi / Thallon**

Work is underway to reinforce the levees and should conditions remain as they are at the time of the meeting the levees will prevent overflow. Should more rain fall in this area the situation will need to be reassessed.

**4. State Recovery Coordinator - Update**

The State Recovery Coordinator (SRC) provided a brief update of the recovery efforts and indicated that more specific work will be required post the Special Cabinet Meeting scheduled for 1000hrs tomorrow 5<sup>th</sup> January 2010.

**Mr Bruce Grady**

**5. Agency Reports**

Due to time constraints no agency reports were tabled.

**All Members**

**6. Future Meetings**

The Chair advised that an SDMG meeting will probably be called for 5<sup>th</sup> January after the Special Cabinet Meeting.

Members would be advised by the SDMG secretariat of the time and place of the meeting when the details were made available.

**Chair**

**7. Meeting Closed**

**Chair**





## Attendance Sheet

Meeting Date: Tuesday 4<sup>th</sup> January 2011  
 Venue: Conference Room  
 Level 15  
 Executive Building  
 100 George Street  
 Brisbane

Time: 3pm

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	IN ATTENDANCE
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Bette Kill	
	Department of Education and Training	Lyn McKenzie	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	Debbie Best	
	Department of Infrastructure and Planning	Paul Low	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Natalie MacDonald	
	Department of Transport and Main Roads	Jack Noye	
	Emergency Management Queensland	Bruce Grady	
	Local Government Association of Queensland <i>SDMG Member Deputy</i>	Greg Hoffman	
	Queensland Health	Mick Reid	
	Queensland Police Service <i>SDMG Member Deputy</i>	Ross Barnett	
	Queensland Treasury <i>SDMG Member Deputy</i>	Alex Beavers	
Other Attendees	Queensland Police Service <i>Executive Officer</i>	Brett Pointing	
	Queensland Police Service <i>State Disaster Coordinator</i>	Ian Stewart	IN ATTENDANCE
	Queensland Police Service <i>Secretariat</i>	Deb Watkins	
	Queensland Police Service	Andy Henderson	
	Queensland Police Service	Alistair Dawson	
	Queensland Police Service	Chandric Raut	
	Queensland Police Service	ROB GRAHAM	
	Queensland Police Service		
	Queensland Police Service		
	Queensland Police Service		
	Queensland Police Service		
	Emergency Management Queensland	Mike Shapland	
	Emergency Management Queensland	Peta Robinson	
	Emergency Management Queensland	WARREN BRIDEN	
	Department of Education and Training	Graham Atkins	
	Department of Education and Training		

Dep Community Safety

Bruce Grady





## Attendance Sheet

Department of Transport and Main Roads	Don Bletchly	
Department of Transport and Main Roads		
Department of the Premier and Cabinet	Brad Smith	
Department of the Premier and Cabinet	Tim Hester	
Queensland Health	Noel Gillard	TELECONFERENCE
Queensland Health	Aaron Groves	
Department of Communities	Phil Carney	
Department of Communities	Tony Hayes	
Department of Communities	Glenn Knights	
Local Government Association of Queensland		
Department of Environment and Resource Management		
Department of Employment, Economic Development and Innovation	Bruce Turner	
Department of Employment, Economic Development and Innovation		
Bureau of Meteorology	Peter Baddiley	
Bureau of Meteorology	Peter Baddiley	
Department of Infrastructure and Planning	Bruce Gunn	
Department of Infrastructure and Planning		
Dept of the Premier and Cabinet	HUGH O'BRIEN	

**State Disaster Management Group  
Extraordinary Meeting Minutes  
2:30pm Wednesday 5<sup>th</sup> January 2011**

**Level 15 Conference Room  
Executive Building, 100 George Street, Brisbane**

**Responsible  
Agency**

**Chair**

**1. Welcome and Apologies**

The chair welcomed the following special guests

The Premier of Queensland, Anna Bligh MP

The Deputy Premier and Minister for Health, Paul Lucas MP.

Major General Mick Slater, Australian Defence Force (Royal Australian Army).

The chair welcomed the State Disaster Coordinator (SDC), Deputy Commissioner Ian Stewart and State Recovery Coordinator (SRC) Mr Bruce Grady.

The Chair welcomed State Disaster Management Group (SDMG) members and the Red Cross representative Mr Greg Goebel.

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member - Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Lyn McKenzie

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Environment and Resource Management – Debbie Best

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Natalie MacDonald

SDMG Member – Department of Transport and Main Roads – Jack Noye



SDMG Member – Emergency Management Queensland – Warren Bridson

SDMG Deputy Member – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid

SDMG Deputy Member– Queensland Treasury – Alex Beavers

SDMG Deputy Member – Department of Infrastructure and Planning – Paul Low

SDMG Member – Queensland Police Service – Commissioner Atkinson

## **2. Premier Address**

**Premier**

The Premier addressed the group. Summary as follows:

The Premier conveyed thanks to all those present and the staff of their respective agencies for the work done in response to this disaster. The Premier noted that there were 40 towns in Queensland with over 200 000 people affected by this event. She praised the response as world class and well coordinated at all levels. The Premier asked that her thanks and praise be passed down (through the members) to all staff.

The Premier noted that each and every agency needs to pull together and continue to be committed to the ongoing task at hand. “Business as usual” would not be enough commitment from the Queensland Government and we need to think outside the square, be flexible, remain focused and make sure the disaster response and recovery is the number one priority for each and every Government Agency.

The Premier advised that while response has been well organised and executed to date there is a need to bring together all of these relevant elements, assets and agencies together under a larger coordinating body tasked with mapping out the “long term recovery plan” for Queensland.

The Premier advised that at a Special Cabinet Meeting held today Major General Mick Slater, ADF, was appointed as the Chairperson of a Queensland Flood Recovery Taskforce, which would also consist of:

- Mr Ken Smith, DPC
- Police Commissioner Atkinson, QPS
- Mr Jim McGowan, DCS
- Mr Bruce Grady, DCS
- A representative (to be nominated) from LGAQ.

A summary of the proposed governance arrangements for the Taskforce and supporting groups and sub-groups for the recovery process was distributed to members (copy attached to minutes). The Premier said that Major General Slater has been tasked with developing the “Recovery Road Map” that prioritises our response efforts. Major General Slater is seconded to the Department of the Premier and Cabinet in this role.



The Premier also advised that the Prime Minister has nominated Senator Joe Ludwig, Minister for Agriculture, Fisheries and Forestry, to be the Commonwealth representative on a recovery Cabinet Sub-Committee. Senior officers within the Commonwealth Ministry will also be nominated to represent the Commonwealth on the various taskforce sub groups. The nomination of the Commonwealth officers was due by close of business Friday 7<sup>th</sup> January with a requirement for the sub groups to meet during the week beginning Monday 10<sup>th</sup> January.

Members were requested nominate appropriate officers from within their agencies for membership on the recovery sub-groups.

Members were advised of the need to re-prioritise their agencies work projects to focus on the recovery arrangements as their first priority. Members were to identify any relevant projects that may be delayed and advise their Ministers.

The Premier advised that the Government has received offers of assistance from New South Wales, Victoria and South Australia. Requests to access these offers of assistance should be made through her office.

The Premier also requested that agencies work with the relevant unions, particularly in terms of impacts on State Government employees.

### **3. Chairpersons address**

Chair

The Chair advised members to provide names of relevant stakeholders and agency representatives for sub-groups, to be emailed to Mr Brad Smith, DPC, by lunchtime, Thursday 5 January 2011.

These sub-groups need to be established and have their first meeting within the week commencing 10 January.

The Chair noted that the Cabinet Flood Recovery sub-committee will meet on Monday 10 January. As a result, he proposed that the Directors General meet with the Chair of the Queensland Flood Recovery Task Force before the 10 January to re-work the governance structures for the recovery model.

The Chair advised that upon commencement of the new structures, the SDMG would meet less frequently, with the work of the Task Force and supporting groups taking a lead in the recovery arrangements.

The Secretariat support for the Task Force would be provided by DP+C.

The Chair of the Task Force would report to the Premier via the Cabinet Sub-Committee.

The Chair requested assistance from the Commissioner, QPS, wherever possible, to assist the Task Force in transport. The Government Air Wing would also assist where possible.

Mr Brad Smith was requested to prepare a Premiers Briefing Note to seek a relaxation of the guidelines for the use of the Government Air Wing.

The Chair addressed the issue of the monies raised in flood relief appeals, and their management. The Task Force would examine the expenditure of these monies as part of its work.



The Acting DG, DPW, was requested to provide a summary of the impact on government assets for a briefing to the Premier by close of business today. This summary is to include schools, kindergartens and child care centres, emergency services accommodation, community health facilities and critical services (non-government assets).

#### **4. State Disaster Coordinator - Update**

The SDC provided a very brief update on the situation in Rockhampton, Dirranbandi and St George.

The SDC provided a hard copy of his presentation to the morning's Cabinet meeting (copy attached).

#### **5. State Recovery Coordinator - Update**

The SRC stressed the importance of agencies providing membership on local recovery committees, as the more effective work at this level will minimise need for higher level support.

He also stressed the need to identify levels of redundancy within agencies in terms of disaster response capabilities for the remainder of the storm season.

The SRC provided a hard copy of his presentation to the morning's Cabinet meeting (copy attached).

#### **6. Other Business**

The Member for Department of Community Safety, Mr Jim McGowan, addressed the issue of leave arrangements for volunteer workers, which led to a broader discussion on the need to have a consistent fatigue management policy across all agencies. The DG, JAG, undertook to examine this issue.

#### **7. Future Meetings**

No SDMG meeting was scheduled at this time. Members will be advised when the next meeting is called.

#### **8. Meeting Closed**

Deputy  
Commissioner Ian  
Stewart

Mr Bruce Grady

Chair

Chair

Deputy Chair





## Attendance Sheet

Meeting Date: Wednesday 5<sup>th</sup> January 2011

Time: 2:30 pm

Venue: Level 15  
Conference Room  
Executive Building  
100 George Street Brisbane

Quorum = 8 Permanent Members

\* via teleconference

Agency		Attending	
Members	Premier of Queensland	Anna Bligh MP	
	Deputy Premier and Minister for Health	Paul Lucas MP	IN ATTENDANCE
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	NOT IN ATTENDANCE
	Department of the Premier and Cabinet Chairperson	Ken Smith	
	Department of Community Safety Deputy Chairperson	Jim McGowan	
	Department of Communities LINDA APELT	Beth Kill	
	Department of Education and Training	Lyn McKenzie	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	Debbie Best	
	Department of Infrastructure and Planning	Paul Low	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Natalie MacDonald	
	Department of Transport and Main Roads	Jack Noye	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland SDMG Member Representative	Greg Hoffman	
	Queensland Health	Mick Reid	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Alex Beavers	
Other Attendees	State Recovery Coordinator Emergency Management Queensland	Bruce Grady	
	State Disaster Coordinator Queensland Police Service	Ian Stewart	
	Executive Officer Queensland Police Service	Brett Pointing	
	Secretariat Queensland Police Service	Deb Watkins	
	XO and Secretariat Support Officer Queensland Police Service	Richard Hahn	
	Australian Red Cross	Greg Goebel	
	DMAD Senior DPC	DMAD Senior	
	Commissioner QERS	Lee Johnson	
	MISCELLANEOUS M.D. SLATER	M.D. SLATER	
	APDF		
	Deputy Premier's office	J. O'Leary	

**State Disaster Management Group  
Extraordinary Meeting Minutes  
8 am Tuesday 11 January 2011**

**Liaison Room  
State Disaster Coordination Centre  
Level 2, Block E, Emergency Services Complex  
Corner of Kedron Park Road and Parks Road, Kedron**

**Responsible  
Agency**

**1. Welcome and Apologies**

The Chair welcomed;

Chair

Premier – the Hon Anna Bligh

Deputy Premier and Minister for Health – the Hon Paul Lucas MP

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology (BoM) representatives:

Mr Peter Baddiley (by teleconference)

Mr Jim Davidson

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member - Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member Deputy – Department of Environment and Resource Management – Terry Wall

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Natalie MacDonald

SDMG Member – Department of Transport and Main Roads – Jack Noye

SDMG Member – Emergency Management Queensland – Warren Bridson

SDMG Deputy Member – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid

SDMG Deputy Member– Queensland Treasury – Alex Beavers

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Opening Comments by Premier**

The Hon. Anna Bligh

The Premier of Queensland addressed the group and advised that Qld is facing a grim, very desperate situation in Toowoomba and Lockyer Valley with many residents and emergency service workers at risk.

The already stressed communities of Dalby, Chinchilla, Condamine and Warwick facing further challenges.

The Premier mentioned that his will be a big test of the resilience of many people and that fatigue management will become an issue for many departments.

The Premier thanked everyone for their efforts.

## **3. Bureau of Meteorology Presentation**

Jim Davidson and  
Peter Baddiley

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG members and were thanked for their presentation.

## **4. State Disaster Coordinator – Situation Update**

Deputy  
Commissioner Ian  
Stewart

Deputy Commissioner Stewart provided a summary of the “Hot Spots” around Queensland. These include:

- **Toowoomba / Lockyer Valley**

Confirmed deaths, 2 in Toowoomba, 3 in Grantham and 3 from Murphy's Creek.



A huge number of isolated farms and houses to be checked and searched. Toowoomba stable, however grave concerns in the Grantham / Withcott areas.

72 reported missing people and will need expert USAR and swift water support to assist in the search for bodies and survivors.

- **Dalby**  
2 evacuation centres, the Primary school and the Agricultural College.  
The Primary school centre would be compromised if flood level rises above 4.5m.  
This would cause a shortage of accommodation for evacuees.
- **Chinchilla**  
The town is isolated and all low lying areas have been doorknocked with many people having self-evacuated.  
10 people are in the evacuation centre with 10 properties inundated.
- **Condamine**  
River at 10.9m and the bridge has been cut.  
Residents were advised to evacuate prior to the bridge going under however most refused to leave.  
Evacuation centre has been established in Miles.
- **Gympie**  
16 people have self evacuated and are in the northern evacuation centre.  
10 people have self evacuated and are in the southern evacuation centre.  
No issues with utilities.
- **Nanango**  
5 homes inundated.  
15 businesses inundated.
- **Warwick**  
River currently at 7m and are expecting up to 8m.  
Request for a Disaster Situation Declaration recently made by DDC.  
Established 2 evacuation centres.
- **Stanthorpe**  
Quart Pot Creek rising quickly.  
Need further hydrology for Warwick area.

Other issues;

A request to evacuate 200 people from Forest Hill  
Evacuations have commenced in low lying areas of Laidley  
Assistant Commissioner Peter Martin, Brisbane DDC, stated that initial planning was done on the basis of 4,600 cumecs (cubic metres per second) and will need to be urgently reviewed in light of the projected 6,000 cumecs.



Chair noted that fatigue in workforce will become a serious issue and asked Mr Warren Bridson (EMQ) to liaise with Police and QFRS to look at mechanisms to pick up on offers of support from other states.

## **5. State Recovery Coordinator - Update**

Report not provided due to urgency of response issues.

## **6. Agency Reports**

The Chair called for agency reports by exception:

**All Members**

### **Department of Health – Director General Mick Reid**

The Director General advised that:

- 9 dead on arrival at Toowoomba Hospital at 0730hrs.
- Intensive Care Unit operating normally
- Some medical staff members have been redeployed to the Gatton area.

It was noted by the Queensland Police Service that Disaster Victim Identification systems are being established in coordination with the John Tonge Centre.

### **Department of Public Works – A/Director General Natalie MacDonald**

The A/Director General advised that:

- Attempts were being made by Smart Services Queensland to shift workload back to agencies to free up workforce for emergency response.
- Calling for volunteers from other government agencies
- May utilise volunteers from private sector call centres.

### **Department of Communities – Director General Linda Apelt**

The Director General advised that:

- Human services support for communities is current priority.
- Examining sourcing psychologist/counsellors from other government agencies to assist.

## **7. Other Business**

Planned meeting of Queensland Mayors and Premier to be postponed.

**Chair**

## **8. Future Meetings**

The Chair put to Members the option for a next meeting to occur on Tuesday 11 January 2011 at 5pm due to the urgency of the current situation.

**Chair**

The members endorsed the proposal for the meeting to be held on 11 January at 5pm.

## **9. Meeting Closed**





## Attendance Sheet

Meeting Date: Tuesday 11<sup>th</sup> January 2011

Time: 8 am

Venue: Liaison Room  
State Disaster Coordination Centre

Quorum = 8 Permanent Members

\* via teleconference

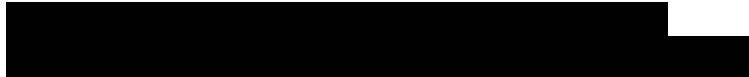
	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Bette Kill	
	Department of Education and Training	Lyn McKenzie	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	Terry Wall	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Natalie MacDonald	
	Department of Transport and Main Roads	Jack Noye	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland <i>SDMG Member Representative</i>	Greg Hoffman	
	Queensland Health	Mick Reid	
Other Attendees	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	
	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart	
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady	
	Executive Officer <i>Queensland Police Service</i>	Brett Pointing	
	Secretariat <i>Queensland Police Service</i>	Deb Watkins	
	XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn	
	Australian Defence Force	Luke Foster	
	Bureau of Meteorology	Jim Davidson	
	Bureau of Meteorology		
	Department of the Premier and Cabinet	Brad Smith	
	Department of Transport and Main Roads	Don Blotchly	
	R20 CROSS	GREG GOEBEL	

## Attendance Sheet

JENNIFER YOUNG QM.		
MICK SLATER RECOVERY TASK FORCE		
PETER MARTIN QPS DDC BRISBANE		
PAUL LUGAL DEPUTY PREMIER		
ALISTAIR DAWSON QPS		
MICHAEL KIRWAN QP		
PETA HARRISON FMO		
LEE JOHNSON COMM. QFRS		
PAUL HOBBS DCS		
CAIRO BLOOMFIELD QAS		
GRAHAM ATKINS DET		

**State Disaster Management Group  
Extraordinary Meeting Minutes  
5 pm Tuesday 11 January 2011**

**Liaison Room  
State Disaster Coordination Centre**



**Responsible  
Agency**

Chair

**1. Welcome and Apologies**

The Chair welcomed;

The Premier – the Hon Anna Bligh

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology (BoM) representatives:

Mr Peter Baddiley

Mr Jim Davidson

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham (via teleconference)

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher (via Teleconference)

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – Jack Noye

SDMG Member Deputy – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid (by teleconference)

SDMG Member– Queensland Treasury – Gerard Bradley

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## 2. Bureau of Meteorology Presentation

Jim Davidson and  
Peter Baddiley

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG members and were thanked for their presentation.

## 3. State Disaster Coordinator – Situation Update

Deputy  
Commissioner Ian  
Stewart

Deputy Commissioner Stewart outlined that there are currently 9 dead, 59 people missing with grave concerns held for 15 of those missing. Various 'hotspots' were discussed with input from the relevant DDC including:

- **Brisbane DDC, Peter Martin:**
  - Fast moving situation.
  - Currently planning for 10,000 cumecs flow
  - Evacuation centre established at the RNA showgrounds.
  - Superintendent Gayle Hogan tasked as liaison officer with LDCC re evacuation centres.
  - Concerns re Oxley's Wharf Restaurant. Direction issued to stop salvage efforts based on advice by MSQ re concerns that structure may break free and damage critical infrastructure downstream.
  - Landslip has occurred at Wellington Point
  - Security of evacuation centres to be addressed
- **Toowoomba DDC, Brett Schaffurius:**
  - 2 evacuation centres in Laidley, the hospital and council depot
  - Expecting 250+ evacuees.
  - Forest Hill evacuation going well.
  - 60 people left in Grantham.
  - Operations moving to search and recovery.
  - 44 evacuated in Oakey.
  - 20 people evacuated in Jondaryan



○ **Warwick DDC, Greg Morrow:**

Expecting 9.1m through Stanthorpe later tonight which is much higher than previous event.

Sewerage has spilled into Quart Pot Creek.

Warwick cut in two.

2 evacuation centres in Warwick.

3 people in the Allora evacuation centre.

The forecast 10.5m peak on Friday should not compromise the Goondiwindi levee.

#### **4. Agency Reports**

The Chair called for agency reports by exception:

**All Members**

##### **Department of Public Works –**

##### **A/Director General Mal Grierson**

The Director General advised that:

- Expected that Neville Bonner building in William St and Queensland Health office in Charlotte St will be compromised by expected flood level.
- All government agencies asked to undertake urgent stock-take of available desk space.
- Concerns re Energex control room.

##### **Department of Health –**

##### **Director General Mick Reid**

The Director General advised that:

- Business of government must continue.
- Brisbane and Ipswich hospitals should be safe from impending flood levels.
- Elective surgery has been postponed.
- Some private nursing homes and hospitals may need to partially evacuate and they are currently making own arrangements to undertake this.

##### **Department of Transport and Main Roads –**

##### **Director General Jack Noye**

The Director General advised that:

- Re-supply across the State will be a major issue into the future due to no road connections between north and south Queensland.
- Key problem is flooding at Rockhampton caused by the Fitzroy River.
- Will be utilising ocean going vessels from Brisbane to Townsville for at least 2 weeks with limited capacity for essential items only.
- Arrangements made for Toll to assist in coordinating distribution.
- Jim Huggett has been tasked to cut through any State Govt red tape.
- Amberley RAAF base may be compromised by expected flood levels.
- QR moving rail stock from Mayne railway yards.
- Public transport currently operating.





**Department of Communities –  
Director General Linda Apelt**

The Director General advised that:

- 8 specialist community counselling teams have been assembled and prepared to move into the Lockyer Valley specialising in grief and loss.
- Recovery teams currently at Ipswich evacuation centre at the showgrounds.

**5. Other Business**

Red Cross may need assistance expediting criminal history checks for some interstate volunteers.

Chair

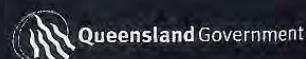
**6. Future Meetings**

The Chair put to Members the option for the next meetings to occur on Wednesday 12 January 2011 at 8am and 5pm due to the urgency of the current situation.

Chair

The members endorsed the proposal for the meetings to be held on 12 January at 8am and 5pm.

**7. Meeting Closed**

**State Disaster Management Group**

**Attendance Sheet**
**Meeting Date:** Tuesday 11<sup>th</sup> January 2011

**Time:** 5 pm

**Venue:** Liaison Room  
State Disaster Coordination Centre

**Quorum = 8 Permanent Members**
*\* via teleconference*

	Agency	Attending	
<b>Members</b>	Premier of Queensland	Anna Bligh MP	
	Deputy Premier and Minister for Health	Paul Lucas MP	
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	*Teleconference
	Department of Employment, Economic Development and Innovation	Ian Fletcher	*Teleconference
	Department of Environment and Resource Management	Terry Wall	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Jack Noye	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland <i>SDMG Member Representative</i>	Greg Hoffman	
<b>Other Attendees</b>	Queensland Health	Mick Reid	*Teleconference
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	*Teleconference
	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart	
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady	
	Recovery Task Force Commander <i>Australian Defence Force</i>	Mick Slater	
	SDMG Executive Officer <i>Queensland Police Service</i>	Brett Pointing	
	SDMG Secretariat <i>Queensland Police Service</i>	Deb Watkins	
	XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn	
	State Disaster Coordination Group (chair) <i>Queensland Police Service</i>	Alistair Dawson	
	Australian Defence Force	Luke Foster	
	Australian Defence Force		
	Bureau of Meteorology	Jim Davidson	



## Attendance Sheet

Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Don Bletchly	
Department of Communities	Bette Kill	
Queensland Health	Jeannette Young	
Department of Public Works	Natalie MacDonald	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Department of Education and Training	Lyn McKenzie	*Teleconference
Department of Education and Training	Graham Atkins	
Queensland Fire and Rescue Service	Lee Johnson	
District Disaster Coordinator Brisbane	Peter Martin	*Teleconference
District Disaster Coordinator Toowoomba	Brett Schafferius	*Teleconference
District Disaster Coordinator Warwick	Greg Morrow	*Teleconference
District Disaster Coordinator Ipswich	Garth Pitman	*Teleconference
Queensland Treasury	Alex Beavers	*Teleconference
Department of Environment and Resource Management	John Bradley	
LSAP	GREG HALLIDAY	
Bureau of Meteorology Melbourne	SARAH BERNICK	
DEPT COMMUNITIES	RAY ANTERSON	
	GREG JONN COLE	
BUREAU OF METEOROLOGY	Peter Boddaly	
QUEENSLAND AMBULANCE SERVICE	CARIS BLOOMFIELD	
EMERGENCY MANAGEMENT QLD	IAN THOMAS	
Queensland Police, CS & En Serv	David Smith	
"	Scott Chandler	
Dept Community Safety	Paul Hobbs	
Dept of Tpt and Main Road TMR	Warwick Williams	
QPS	John English	
Maritime Safety Queensland TMR	Dean Wellington	
RED CROSS	GREG GOETTEL	
QUEENSLAND HEALTH	ALEX M. GILL	

**State Disaster Management Group  
Extraordinary Meeting Minutes  
8 am *Wednesday 12 January 2011***

**Liaison Room  
State Disaster Coordination Centre  
Level 2, Block E, Emergency Services Complex  
Corner of Kedron Park Road and Parks Road, Kedron**

**Responsible  
Agency**

Chair

**1. Welcome and Apologies**

The Chair welcomed the following persons;

Prime Minister of Australia – The Hon Julie Gillard MP

Minister for Agriculture, Fisheries and Forestry – Senator the Hon Joe Ludwig

Minister for Defence – Stephen Smith MP

And other representatives from the Commonwealth

The Queensland Premier – the Hon Anna Bligh

Deputy Premier and Minister for Health – the Hon Paul Lucas MP

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

Minister for Natural Resources, Mines and Energy – the Hon Stephen Robertson MP

Chief of Defence Force - Air Chief Marshal Angus Houston, AC, AFC

Recovery Task Force Commander – Major General Mick Slater

Brisbane Lord Mayor – Campbell Newman (via teleconference)

Mayor of Ipswich - Cr Paul Pisale (via teleconference)

Mayor of Somerset Regional Council – Graham Lehmann (via teleconference)

SDMG members and their respective agency representatives.

District Disaster Coordinators for Brisbane (Assistant Commissioner Peter Martin), Ipswich (Superintendent Garth Pitman) and Toowoomba (Superintendent Brett Schafferius).

Bureau of Meteorology representatives Mr Peter Baddiley (via teleconference)



and Mr Jim Davidson.

A quorum was achieved at this meeting through attendance by State Disaster Management Group (SDMG) Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Dept of Environment and Resource Management – John Bradley

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Warren Bridson

SDMG Deputy Member – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid (via teleconference)

SDMG Member– Queensland Treasury – Gerard Bradley (via teleconference)

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Chairs Briefing– Urgent Issue**

The chair raised the issue of power supply to government and community support agencies located within the Brisbane CBD that will be directly affected by the imminent rise in the Brisbane River.

A small working group consisting of ENERGEX / Queensland Police Service / Department of Public Works / Deputy Premier and a representative for the Brisbane City Council were put together and immediately departed the meeting to work on the emerging issue.

## **3. Bureau of Meteorology Presentation**

Chair

Jim Davidson and  
Peter Baddiley





Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Mr Barry Dennien from South East Queensland Water provided information pertaining to the water release currently being undertaken at Wivenhoe Dam. The dam peaked at 19.1% at 7pm last night with the release rate at that time being 7500 cubic metres per second. As at 7am today that release rate has been decreased to 2500 cubic metres per second. This rate is to be maintained whilst we wait for the Lockyer Valley and Bremer River water flows to peak. Once this has occurred the release rate will increase to 3500 cubic metres per second for several days (until the flood compartment of the dam is emptied).

Mr Davidson, Mr Baddiley and Mr Dennien answered questions from the SDMG members and were thanked for their presentation.

#### 4. State Disaster Coordinator – Situation Update

Deputy  
Commissioner Ian  
Stewart

Deputy Commissioner Stewart provided a summary of the situation in Queensland. This included the following

**Central Queensland** – Situation at Rockhampton is being maintained with the roads to the North open but the roads to the South still closed.

The road to the South can reopen at 8.4m but this will only occur after the road condition has been established and assessed.

**South West Queensland** – the river at Chinchilla is above the previous maximum reported during the first phase of flooding.

There was a complete evacuation of Condamine again overnight with police remaining in location.

St George, Surat and Dirranbandi situations are all under control and being well managed.

The Situation in Warwick and Stanthorpe is now being managed.

The river level in Texas is rising with 9 people self evacuating. Recommendations are to evacuate houses in low lying areas. The situation in Texas is being closely monitored

The situation in Goondiwindi is stable with the town level intact up to 10.5m (the current prediction is 11m). The current issue for Goondiwindi is opening and maintaining the transport corridor.

**North Coast** – There has been no loss of life at Gympie and the situation is being maintained.



The Bruce Highway to the North is open but closed to the South. The water from Gympie is now making its way down to Maryborough.

### **Toowoomba**

The main focus for the Queensland Police activities at this time getting into the areas of Murphy's Creek and Grantham to carry out search and recovery. There are grave fears held for residents in both areas. Due to the inclement weather yesterday they were unable to commence search and recovery activities as it was considered unsafe for emergency staff. The State Coroner may travel to the affected areas today to ascertain the bigger picture.

In Lowood this morning 8 roof top rescues were successfully conducted There has been a lot of minor flooding in Caboolture especially in the town areas around and behind Somerset. Woodford, Kilcoy and Moree are still isolated.

The Queensland Police Service is now preparing for the peaks in Ipswich and Brisbane.

The State Disaster Coordinator called for individual reports from the District Disaster Coordinators as follows:

### **District Disaster Coordinator Report for Toowoomba**

Coordination of search and recovery activities in the areas of Grantham and Murphy's Creek. It is expected that these operations will continue for several days.

The evacuation centres at Laidley and Toowoomba are still open and police are assisting with the repatriation of families to their homes.

### **District Disaster Coordinator Report for Ipswich**

Overnight there were 10 areas evacuated with 12000 people registering at evacuation centres.

At Lowood and Rosewood 240 people self evacuated.

All evacuation centres are being well supported.

The SES activity in the area has been outstanding.

The Royal Australian Air Force provided transport vehicles.

Additional Queensland Police Service officer were deployed to Ipswich to assist with operations.

Emergency powers were used once over night for a 60+ man who didn't want to leave his property and was "in possession" of a rifle.

Mayor Pisale remarked that evacuation centres were operating well and everyone was in good spirits with only one count of looting being reported.



## **District Disaster Coordinator Report for Brisbane**

Modelling for Brisbane was done on a 12 000 cubic metres per second release which has now been down graded to 9 500 cubic metre per second release.

Re-modelling is now being done based on 9 500 cubic metres.

Two evacuation centres have been established.

One is at the RNA showgrounds with the capacity to hold 3000 people (and animals). This has been operational since yesterday and currently has 182 evacuees.

The second centre came online at 8am today and is the QEII / ANZ Stadium Sports Stadium. This centre has a capacity of 1300 people.

Current Issues for Brisbane:

- Several pontoons have broken free and have become navigation hazards and a threat to critical infrastructure.
- The Oxley (floating) Restaurant is taking on water and is slowly sinking.
- The Island (a flat bottom barge) is breaking its mooring. Heavy equipment is being used to try to contain the situation. Once again should it break its mooring it will be very hazardous and a threat to critical infrastructure further down river.
- There is a small landslide in the Redlands area which is currently being addressed.

Traffic management is going to be critical to this event.

A media release went out regarding no urgent use of the CBD along with a media release relating to self evacuation.

The Brisbane City Lord Mayor has contacted both the Catholic and Anglican church societies to look at setting up smaller more localised and accessible evacuation centres bolstering the evacuation capacity to 6000 Brisbane residents.

There is minor flooding on low level roads, draining areas and creeks. These are currently causing local traffic problems.

The Brisbane River has broken its banks at Moggill, Yeronga and Jindalee.

## **5. Agency Reports**

The Chair called for agency reports by exception:

### **Department of Health – Director General Mick Reid**

The Director General advised that:

- All public hospitals and public nursing homes were secure.
- A private Nursing home in Rocklea may need to be evacuated.
- Some additional private nursing homes may need to be evacuated but

**All Members**



there should be no issue with this.

- Clarification was required with regards to the evacuation of the Wesley Hospital (currently there are conflicting reports).
- QAS has advised that ambulances are still able to access hospital facilities.
- Elective surgery has been postponed at many hospitals

#### **Department of Communities –**

##### **Director General Linda Apelt**

The Director General advised that:

- A state-wide coordinator for Evacuation Centres has been appointed (Mr Mick Linnan) who will report to Alistair Dawson with regards to all issues pertaining to evacuations centres.

#### **Department of Transport and Main Roads –**

##### **Director General Dave Stewart**

The Director General advised

- The key focus is to get the Bruce Highway open.
- The Harbour Master is aware of and assisting with the issues previously mentioned (The Island and Oxley Restaurant).
- The Pacific Dawn has been redirected to an alternate port facility as the Port of Brisbane is closed to passenger liners.
- Public transport is currently running on Sunday timetables with ample information being provided to travellers via their web site.
- The rolling stock in the Mayne Rail yard has been moved and the yard is prepared for evacuation if required.
- The Cultural Centre bus way is expected to close later today.
- The TOLL transport group are working with DTMR and are looking at the resupply issues (utilising assets from Darwin and Sydney).

#### **Department of Community Safety**

##### **Director General Jim McGowan'**

The Director General advised that:

- The DDC's have been asked to assist with the resupply by identifying items of necessity for their respective areas.
- The ADF and QANTAS maybe utilised to assist with resupply.
- ADF C-130 Hercules aircraft maybe use to resupply Mackay and Bundaberg, while jumbo jets maybe used to resupply Cairns and Townsville.

#### **Australian Defence Force**

##### **Colonel Luke Foster**

The Colonel advised that:

- The ADF are moving more rotary wing aircraft into South East Queensland from Townsville and Sydney.
- The ADF assets are available to assist in the resupply where required.
- Troops from Brisbane are assisting the SES and Brisbane response groups (helping with sandbagging and flood preparations etc).

## **6. Premiers Address / Prime Ministers Address**



The **Premier** requested the total number of helicopters being used today as part of flood response activities (to be updated regularly throughout the day).

The Premier thanked everyone present for their work to date and that of their many staff here in Brisbane and throughout the state.

She thanked the Prime Minister for all of the assistance from the Commonwealth.

She also thanked the Chief of Defence Force for the ADF assistance and noted the cooperation between local / state and commonwealth government.

The **Prime Minister** thanked the Premier and acknowledged the work being done alongside each other at all levels of government and community. She thanked everyone for all of their work over the long days and stated that we had even more difficult days ahead.

The Prime Minister stressed that the Queensland Flood Event is being managed in exemplary fashion to date and thanked everyone for that past work, the work being undertaken now today and for the work that will be undertaken in the days to come.

## 7. Chairs Action Items

The Chair requested that each government department and statutory agency identify their vital staff that needs to be maintained in order to deliver business continuity and ensure they are able to function and carry out the duties required throughout the flood event.

Chair

All other non essential staff members are to be advised to not attend work until the situation has been resolved.

## 8. Future Meetings

The Chair advised that SDMG meeting will be held at 5pm today.

SDMG meetings are to be held at 8am and 5 pm daily until further notice.

Chair





## Attendance Sheet

Meeting Date:

WEONZSOAH 12  
~~Tuesday 11<sup>th</sup>~~ January 2011

Time:

3.45pm  
~~5pm~~

Venue:

Liaison Room  
 State Disaster Coordination Centre  
 [Redacted]

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh M	[Redacted]
	Deputy Premier and Minister for Health	Paul Lucas MP	
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts M	
	Department of the Premier and Cabinet Chairperson	Ken Smith	
	Department of Community Safety Deputy Chairperson	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	John Beazley Terry Wall	
	Department of Infrastructure and Planning	Graeme Newt	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland SDMG Member Representative	Greg Hoffman	
Other Attendees	Queensland Health	Mick Reid	[Redacted]
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	
	Minister for Agriculture, fisheries and Forestry Federal Senator	The Hon Joseph Ludwig	
	State Disaster Coordinator Queensland Police Service	Ian Stewart	
	State Recovery Coordinator Emergency Management Queensland	Bruce Grady	
	Recovery Task Force Commander Australian Defence Force	Mick Slater	
	SDMG Executive Officer Queensland Police Service	Brett Pointing	
	SDMG Secretariat Queensland Police Service	Deb Watkins	
	XO and Secretariat Support Officer Queensland Police Service	Richard Hahn	
	State Disaster Coordination Group (chair) Queensland Police Service	Alistair Dawson	
	Australian Defence Force	Luke Foster	



## Attendance Sheet

Bureau of Meteorology	Jim Davidson	ASIA ATTENDANCE
Bureau of Meteorology		
Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Jack Noye	
Department of Communities	Bette Kill	
Queensland Health	Jeannette Young	
Department of Public Works	Natalie MacDonald	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Department of Education and Training	Lyn McKenzie	
Department of Education and Training	Graham Atkins	
Queensland Fire and Rescue Service	Lee Johnson	
Department of Environment and Resource Management	John Bradley	
District Disaster Coordinator Brisbane	Peter Martin	*Teleconference ✓
District Disaster Coordinator Toowoomba	Brett Schafferius	*Teleconference ✓
District Disaster Coordinator Warwick	Greg Morrow	*Teleconference ✓
District Disaster Coordinator Ipswich	Garth Pitman	*Teleconference ✓
Queensland Treasury	Alex Beavers	*Teleconference
Lord Mayor Brisbane City Council	Campbell Newman	*Teleconference ✓
Chief Executive Officer Brisbane City Council	Colin Jensen	*Teleconference ✓
Mayor of Ipswich Council	Paul Pisale	*Teleconference ✓
Mayor of Somerset Regional Council	Graham Lehmann	*Teleconference ✓
Dept of Justice & AG	Tommy Ryan	
PRIME MINISTER	JULIA GILCHRIST	
QUEENSLAND AMBULANCE	CHRIS BROOKER	
RED CROSS	GREG GOEBEL	

**State Disaster Management Group  
Extraordinary Meeting Minutes  
5 pm Wednesday 12 January 2011**

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Park Road, Kedron

**Responsible  
Agency**

**1. Welcome and Apologies**

Chair

The Chair welcomed;

The Premier of Queensland, the Hon Anna Bligh

The Deputy Premier and Minister for Health, the Hon Paul Lucas (by teleconference)

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

Brisbane City Council Deputy Mayor Graham Quirk (by teleconference)

Lockyer Regional Council Mayor Steve Jones (by teleconference)

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology (BoM) representatives:

Mr Peter Baddiley

Mr Jim Davidson

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Employment, Economic Development and



Innovation – Ian Fletcher (by teleconference)

SDMG Member – Department of Environment and Resource Management – John Bradley (by teleconference)

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Warren Bridson

SDMG Member – Local Government Association of QLD – Greg Hallam

SDMG Member– Queensland Health – Mick Reid

SDMG Member– Queensland Treasury – Gerard Bradley (by teleconference)

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Bureau of Meteorology Presentation**

**Jim Davidson and  
Peter Baddiley**

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Mr Barry Dennien from South East Queensland Water provided an update on the current and forecast operation of Wivenhoe Dam.

Mr Davidson, Mr Baddiley and Mr Dennien answered questions from the SDMG members and were thanked for their presentation.

## **3. State Disaster Coordinator – Situation Update**

**Deputy  
Commissioner Ian  
Stewart**

Deputy Commissioner Stewart outlined that there are currently 12 dead, 46 people missing with grave concerns held for 15 of those missing. Various 'hotspots' were discussed with input from the relevant DDCs including:

- **Brisbane DDC, Peter Martin:**

A 300m section of the floating Riverwalk is threatening to break loose. Plans are currently being prepared to demolish (in a controlled manner) the section of walkway to minimise the risk to critical transport infrastructure downstream.

The 'Island' barge and pontoon is still threatening to break free. Large concrete blocks are being bought in as additional tie points. A crew of 4 are on board the barge and the barge is currently under power to reduce stress on the pontoon. A marine architect is conducting on site risk assessment. Navy Clearance Divers should arrive on site at 2230 hrs and will consider



scuttling the vessel, given the risk to the 4 crew and essential transport infrastructure down stream.

The Moggill Ferry has broken away from one cable and is currently being held by one cable on the Ipswich side. A 1.5 tonne anchor being bought on site to assist in securing the vessel.

○ **Ipswich DDC, Garth Pitman:**

The peak at Ipswich @ 1500hrs was expected to be 20.5m. Actual peak was 19.2m.

1000 houses inundated with water.

○ **Toowoomba DDC, Brett Schaffurius:**

Numbers in evacuation centres in Lockyer Valley are decreasing.

Long slow search particularly in the Grantham / Murphys Creek area due to the nature of the terrain.

Mayor Steve Jones relayed the nature of the very serious and significant issues being faced by the Lockyer Valley communities.

#### **4. Agency Reports**

The Chair called for agency reports by exception:

**All Members**

**Department of Public Works –  
A/Director General Mal Grierson**

The Director General advised that:

- Lost access to 6 government buildings including QH building in Charlotte St, Forestry House and others.
- Important to repatriate some government buildings (on a priority basis) to deliver recovery services to people.
- Many iconic buildings affected by flood including Suncorp Stadium, Cultural Centre.

**ENERGEX -  
Chris Arnold**

Mr Arnold advised that:

- Currently 115,000 customers have lost supply.
- Numbers are expected to increase to 150,000.
- The risk of Powerlink distribution substations being compromised is decreasing.
- Messaging will need to explain the slow connection process to ensure public safety.

**SEQ Water –  
Mr Barry Dennien**

Mr Dennien advised that:

- 2 pallets of bottled water have been delivered to the Withcott area.
- Minor damage to Mt Crosby which should be fully operational by the weekend.





- Some concerns about water drinking quality given the quality of source river water and levels of turbidity.

#### **Telecommunications –**

##### **Mayor Chris Jones, Lockyer Valley Regional Council**

Mayor Jones was concerned that:

- Telecommunications issues were compromising recovery efforts.
- Discussions to be held with Telstra and Optus.

#### **Department of Premier and Cabinet –**

##### **Director General Ken Smith**

The Director General advised that:

- Concerns are held about issues of people self-establishing evacuation centres.
- Post flood will need to do more work in relation to matters surrounding establishing and supplying evacuation centres.
- Need to develop mechanisms to manage the logistics of people wanting to volunteer to help in the clean up of Brisbane / Ipswich over the coming week. Cr. Quirk, D/C Stewart, QFRS and SES tasked to discuss this matter in detail.

#### **Local Government Association of Qld -**

##### **Greg Hallam**

Mr Hallam was concerned that:

- Over 70,000 kilometres of LGA roads have been damaged or destroyed as a result of these floods. This is a huge impact on many communities.

#### **Department of Health –**

##### **Director General Mick Reid**

The Director General advised that:

- Hospitals OK
- The Commonwealth government agencies are assisting private nursing homes respond to the current floods.
- The John Tong Centre is geared up to handle up to 50 bodies.

#### **Department of Transport and Main Roads –**

##### **Director General David Stewart**

The Director General advised that:

- There are skeleton passenger services operating.

#### **5. Other Business**

The Chair reiterated the importance of keeping accurate records of volunteers and support provided by other states and levels of government.

Chair

#### **6. Future Meetings**

The Chair put to Members the option for the next meetings to occur on Thursday 13 January 2011 at 8am and 5pm due to the urgency of the current situation.

Chair



The members endorsed the proposal for the meetings to be held on 13 January at 8 am and 5pm.

**7. Meeting Closed**



## Attendance Sheet

Meeting Date:

WEDNESDAY 12<sup>TH</sup>  
Tuesday 11<sup>TH</sup> January 2011

Time: 5 pm

Venue:

Board Room  
 Queensland Emergency Operations Centre  
 Level 3 Disaster Management Centre  
 Emergency Services Complex  
 Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	
	Deputy Premier and Minister for Health	Paul Lucas MP	* Tele conference
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	
	Department of the Premier and Cabinet Chairperson	Ken Smith	
	Department of Community Safety Deputy Chairperson	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	* Teleconference
	Department of Environment and Resource Management	John Bradley	* Tele conference
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland SDMG Member Representative	Greg Hoffman	
	Queensland Health	Mick Reid	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	* Tele conference
	Recovery Task Force Commander Australian Defence Force	Mick Slater	
Other Attendees	State Disaster Coordinator Queensland Police Service	Ian Stewart	
	State Recovery Coordinator Emergency Management Queensland	Bruce Grady	
	SDMG Executive Officer Queensland Police Service	Brett Pointing	
	SDMG Secretariat Queensland Police Service	Deb Watkins	
	XO and Secretariat Support Officer Queensland Police Service	Richard Hahn	
	State Disaster Coordination Group (chair) Queensland Police Service	Alistair Dawson	
	Australian Defence Force	Luke Foster	



DATE: 10/1/19

**State Disaster Management Group  
Extraordinary Meeting Minutes  
*Thursday 13 January 2011 (AM)***

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

**Responsible  
Agency**

**1. Welcome and Apologies**

Chair

The Chair welcomed;

The Premier of Queensland, the Hon Anna Bligh

The Prime Minister of Australia, the Hon Julia Gillard

The Deputy Premier and Minister for Health, the Hon Paul Lucas MP (by teleconference)

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

Brisbane City Council Mayor Campbell Newman (by teleconference)

Ipswich City Council Mayor Paul Pisale (by teleconference)

Lockyer Regional Council Mayor Steve Jones (by teleconference)

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology (BoM) representatives: (by teleconference)

Mr Peter Baddiley

Mr Jim Davidson

A quorum was achieved at this meeting through attendance by State Disaster Management Group (SDMG) members or appointed SDMG member deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson





SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher (via teleconference)

SDMG Member – Department of Environment and Resource Management – John Bradley

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Warren Bridson

SDMG Member – Local Government Association of QLD – Greg Hallam

SDMG Member– Queensland Health – Mick Reid

SDMG Member– Queensland Treasury – Gerard Bradley (by teleconference)

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG members and were thanked for their presentations.

## **3. State Disaster Coordinator – Situation Update**

Deputy Commissioner Stewart outlined that there are currently 12 dead, 74 people missing with grave concerns held for 12 of those missing.

Various 'hotspots' were discussed with input from the relevant DDCs including:

- **Brisbane DDC, Peter Martin:**

The Moggill Ferry is currently nestled against the bank of the Brisbane River. The ADF have delivered a 1.5 tonne anchor to the location and today with the assistance of the ADF they will be joining the ferry to the anchor.

**Jim Davidson and  
Peter Baddiley**

**Deputy  
Commissioner Ian  
Stewart**



The 'Island' barge and pontoon is still threatening to break free. Large concrete blocks are onsite as additional tie points and additional tie lines have been deployed. The barge is under power for the last 24 hrs and will continue to be so for the foreseeable future. Re-supply of fuel to the ferry is being undertaken. Col. Foster advised that demolition teams would be onsite today assessing the plan to sink the barge if needed.

Overnight a large number of vessels, moorings and jetties at the Dockside complex came within 200 mm of breaking free. Lower water levels have eased concerns.

A total length of 860m of the walkway broke free with the major (400m) section being controlled on its trip down the river by tugs to minimise the risk of damage to essential transport infrastructure.

Premier raised questions about risks to any other walkways and concerns about subsidence issues surrounding the 'Vision' site.

- **Ipswich DDC, Garth Pitman:**

600 people currently in evacuation centres.

Road access between Brisbane and Ipswich is now available via Centenary Hwy to Cunningham Hwy to Yamanto and in to Ipswich.

- **Toowoomba DDC, Brett Schaffurius:**

Numbers in evacuation centres in Lockyer Valley will continue to decrease.

Two major priorities are the search of the Withcott / Grantham / Murphy's Creek area and the restoration of utilities to communities.

Re-supply isolated areas is an issue due to destruction of local roads.

Mayor Steve Jones outlined problems surrounding; utilities, fuel supplies, roads and bridges, Lowood Water treatment plant and the number of broken water mains.

The Deputy Premier suggested that the North and South water retail entities may be able to assist the western water entity with staff and other support.

Energex has bought generation sets into the area for critical infrastructure.

ADF are providing water treatment plants into the Withcott and Grantham areas.

Significant amounts of temporary housing will be needed into to short to medium term.

- **Warwick DDC, Greg Morrow:**

All highways open to Warwick however B-doubles cannot travel on the road from Warwick to Toowoomba.

Goondiwindi has been evacuated with only 6 people left in the town. Local council is confident that the levee will hold against the predicted 10.7m peak. River is currently 9.1m.

Texas; water height is decreasing.

Yelarbon; water height is decreasing.

#### 4. Agency Reports

The Chair called for agency reports by exception:

All Members

**Energex –****Mr Chris Arnold**

Mr Arnold advised that:

- Currently 118,000 have lost supply.
- Reconnection process will be lengthy as all houses inundated will need to be checked prior to connection to the network.
- Maps will be prepared to visually track reconnection process.

**State Recovery Coordinator– Telecommunications****Mr Bruce Grady**

Mr Grady advised that:

- Telstra is undertaking damage assessments to exchanges in the Lockyer Valley.
- Both Telstra and Optus working to repair services in the area.

**Department of Environment and Resource Management –****Director General John Bradley**

The Director General advised that:

- The water turbidity is causing issues at the Mt Crosby treatment plant.
- The two major problems facing Brisbane water supply is that, with water supply ability somewhat compromised, the community that is not impacted by the flood must be very careful with their level of water use so as to allow sufficient water to be available for those areas to utilise the water supply to clean. The second concern is the re-supply of chemicals to the Mt Crosby water treatment plant.

**Prime Minister of Australia, The Hon Julia Gillard**

The Prime Minister thanked the Australian Defence Forces for their efforts during this emergency.

**Australian Defence Forces –****Colonel Foster**

The Colonel advised that:

- There will be 2 x C-17 flights into Townsville today and 4 x C-130 flights into Bundaberg today.
- Troops are also assisting police patrol in the Brisbane area.
- Many staff from RAAF Amberley will be supporting the city of Ipswich.
- Currently close to 400 ADF personnel are involved in operations in support of this disaster.

**Department of Infrastructure and Planning –****Director General Graeme Newton**

The Director General advised that:

- Strategy is being developed to manage the expected volunteer effort.
- May be necessary to redirect effort from one location that may be well supported to an area with larger levels of need.



**Department of Employment, Economic Development and Innovation –  
Director General Ian Fletcher**

The Director General advised that:

- A range of animal welfare issues were developing in relation to feed supply.
- Primary production chain is compromised in a number of ways which will impact on the supply of milk, eggs, fruit and vegetables.
- The Dept is working with all sectors to get produce moving again a.s.a.p.

**Department of Transport and Main Roads –  
Director General David Stewart**

The Director General advised that:

- There are limited passenger services operating.
- Current focus is on re-supply efforts across the state.
- Coastal shipping will be an important component into the medium term.
- Brisbane port is currently closed and should be able to get vessels into port by Saturday to begin loading.

**5. Other Business**

The Premier reminded agencies that despite the problems in the south-east corner it is important that we not loose focus on the problems facing regional Queensland.

The Premier stated that a very high standard of performance had been established during this response phase but reminded agencies that the standard had to be maintained as we move into recovery.

The Premier reminded agencies to take up offers of support from other states and New Zealand if necessary to maintain the high standard of service and to ensure the welfare of staff and volunteers.

The Prime Minister thanked everyone for their efforts.

Director General Jim McGowan stated that it will be important to provide psychological support for front line staff particularly for the police, pilots and the ADF.

**6. Future Meetings**

The Chair reminded Members of the next meeting to occur on Thursday 13 January 2011 at 5pm.

The members endorsed the proposal for the meeting to be held on 13 January at 5pm.

**7. Meeting Closed**

Chair

Chair



## Attendance Sheet

Meeting Date:

*Thursday 9th*  
Wednesday 13<sup>th</sup> January 2011

Time: 8 am

Venue:

Board Room

Queensland Emergency Operations Centre  
Level 3 Disaster Management Centre  
Emergency Services Complex  
Corner of Kedron Park Road and Parks Road, Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	
	Deputy Premier and Minister for Health	Paul Lucas MP	* TELECONFERENCE
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	* TELECONFERENCE
	Department of Environment and Resource Management	John Bradley	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland <i>SDMG Member Representative</i>	Greg Hallam	
	Queensland Health	Mick Reid	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	TELECONFERENCE
Other Attendees	Recovery Task Force Commander <i>Australian Defence Force</i>	Mick Slater	
	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart	
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady	
	SDMG Executive Officer <i>Queensland Police Service</i>	Brett Pointing	
	SDMG Secretariat <i>Queensland Police Service</i>	Deb Watkins	
	XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn	
	State Disaster Coordination Group (chair) <i>Queensland Police Service</i>	Alistair Dawson	





## Attendance Sheet

Australian Defence Force	Luke Foster	
Bureau of Meteorology	Jim Davidson	
Bureau of Meteorology	Peter Baddiley	
Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Don Blechley	
Queensland Health	Jeannette Young	
Department of Public Works	Natalie MacDonald	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Department of Education and Training	Lyn McKenzie	
Department of Education and Training	Graham Atkins	
Queensland Fire and Rescue Service	Lee Johnson	
District Disaster Coordinator Brisbane	Peter Martin	*Teleconference
District Disaster Coordinator Toowoomba	Brett Schafferius	*Teleconference
District Disaster Coordinator Warwick	Greg Morrow	*Teleconference
District Disaster Coordinator Ipswich	Garth Pitman	*Teleconference
Lord Mayor Brisbane City Council	Campbell Newman	*Teleconference
Mayor of Ipswich Council	Paul Pisale	*Teleconference
Mayor of Somerset Regional Council	Graham Lehmann	*Teleconference
Mayor of Lockyer Valley Council	Steve Jones	*Teleconference
ENERGEX	Chris Arnold	
ENERGEX	Ron Watson	
TASKFORCE	CHRIS AUSTIN	
Minister Robert's office	Scott Chandler	
EMCQ	Mike Shapland	
ENERGEX	Ron Watson	
ENERGEX	CHRIS ARNOLD	
TMR	Jim HUGGETT	
2MA media	Cardyn Varley	
QPS	John English	
GRID MANAGER	Darryl Jenner	
pro	Sean Kelly	
QUEENSLAND AMBULANCE	RUSSELL BONES	
QUEENSLAND AMBULANCE SERVICE	Colin's Bloomfield	
Queensland Fire & Rescue	Iain Mackenzie	
EMA	CAM DABBY	
JTF 637	COL LUKE FOSTER	
RED CROSS	GREG GOEBEL	
Premiers	Nicole Scrimgeour	
QPS	Kym Chapple	

**State Disaster Management Group  
Extraordinary Meeting Minutes  
5 pm Thursday 13 January 2011**

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

**Responsible  
Agency**

**1. Welcome and Apologies**

Chair

The Chair welcomed;

The Premier of Queensland, the Hon Anna Bligh

The Deputy Premier and Minister for Health, the Hon Paul Lucas MP (by teleconference)

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

Mr Kerry Shine MP, Member for Toowoomba North (by teleconference)

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology (BoM) representatives: (by teleconference)

Mr Peter Baddiley

Mr Jim Davidson

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member - Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham



SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Environment and Resource Management – John Bradley

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Warren Bridson

SDMG Member – Local Government Association of QLD – Greg Hallam

SDMG Member– Queensland Health – Mick Reid

SDMG Member– Queensland Treasury – Gerard Bradley (by teleconference)

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Bureau of Meteorology Presentation**

**Jim Davidson and  
Peter Baddiley**

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Baddiley provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Baddiley answered questions from the SDMG members with much discussion about the situation at Goondiwindi.

Both Mr Davidson and Mr Baddiley were thanked for their presentations.

## **3. State Disaster Coordinator – Situation Update**

**Deputy  
Commissioner Ian  
Stewart /  
Commissioner Bob  
Atkinson**

Deputy Commissioner Stewart (who soon left the meeting to undertake other duties as requested by the Chair) / Commissioner Bob Atkinson led the discussion of various 'hotspots' with input from the relevant DDC's including:

- **Brisbane Deputy DDC, Kerry Dunn:**

The Moggill Ferry is currently secure with the addition of a 1.5 tonne anchor connected to the ferry with the assistance of the ADF.

The refuelling of the 'Island' barge has been completed with the assistance of the ADF which should give 50 hours running time. The barge should be able to maintain position however it is planned to move the vessel

downstream to a location which will not compromise infrastructure at the first safe available opportunity.

It is not believed that any further walkways are at risk.

No further evacuation will be required in Brisbane.

Premier raised questions about strategies and infrastructure to transition people from evacuation centres back to their homes and discussed public messaging surrounding this issue.

Premier also discussed GP support to Evacuation Centres as many people evacuated without medication. Premier stated that this was an issue across Qld and not an issue isolated to Brisbane.

○ **Ipswich DDC, Garth Pitman:**

Cunningham and Warrego Highways open.

Ipswich Motorway should be open on 15 January.

Rapid assessment teams ready for deployment on the 14<sup>th</sup>.

5 water tankers have made deliveries into Lowood. Bottled water was also delivered into Fernvale and Lowood.

○ **Toowoomba DDC, Brett Schafferius:**

New England Highway to Warwick is open to all vehicles.

Withcott now has 65,000 litres of water in storage at the fire station.

Some power has been reconnected to the high ground around Grantham.

All houses in Grantham have now been searched.

205 km of waterways still to be searched.

During the earlier discussion of hydrology the Warwick DDC, Mayor Scheu, Greg Hallam and the SDC, Deputy Commissioner Ian Stewart, retired from the teleconference to discuss the Goondiwindi situation in greater detail.

#### **4. Agency Reports**

The Chair called for agency / utilities reports by exception:

**All Members**

#### **Department of Environment and Resource Management – Water**

##### **Director General John Bradley**

The Director General advised that:

- Significant damage to water infrastructure in Lockyer Valley. Water deliveries running 24/7 to Lockyer community for the foreseeable future. Examining options including reverse osmosis plants.
- Mt Crosby chemical resupply was successful today.
- Eastbank facility is back on line but with reduced output and is fragile.
- Significant problems with water supply to Cherbourg and decision may be made to evacuate.

#### **Emergency Management Queensland – Telecommunications**

**Mr Warren Bridson**

Mr Bridson advised that:

- Optus has lost many mobile transmission towers and land line infrastructure affecting about 20,700 customers.
- Telstra have damage to 20,000 landlines, 200 mobile towers, 9,000 cables customers, 10,000 Foxtel customers and 14,000 ADSL customers.

**Department of Community Safety -****Director General Jim McGowan**

The Director General advised that:

- The Bruce Highway is now open at Gympie.
- Current focus is on re-supply efforts across the state.

**Department of Transport and Main Roads –****Director General David Stewart**

The Director General advised that:

- Public transport is operating to a Sunday timetable.
- Port of Brisbane is currently closed but the current priority is to get fuel and resupply ships in.

**Department of Infrastructure and Planning –****Director General Graeme Newton**

The Director General advised that:

- Draft volunteer strategy has been developed for consideration. Key points include 3 categories of volunteers, unskilled, skilled trades and corporate.
- Allow volunteers to self select category and utilise Volunteering Queensland to operate the program.
- Keep the scheme simple, allow people to self select and do not impinge on local governments.

**Department of Employment, Economic Development and Innovation –****Director General Ian Fletcher**

The Director General advised that:

- A site has been identified to allow the Brisbane Markets to relocate and hopefully open on Monday.
- RSPCA and Biosecurity Qld are working on a strategy in relation to animal welfare matters.

**Queensland Health -****Director General Mick Reid**

The Director General advised that:

- All patients have been evacuated from Goondiwindi consisting of 15 hospital patients and 3 support staff and 46 patients from a nursing home and an unknown number of staff.
- A teleconference is being held on Monday with all other state and territories and New Zealand to develop a 3 month rolling plan for





accessing staff in the area of; Mental Health, Environmental Health,  
Doctors and Nurses.

**Department of Education and Training –  
Director General Julie Grantham**

The Director General advised that:

- An assessment is currently underway and planning happening regarding the opening of schools and kindergartens for the start of the school term.
- Allowances will be given in relation to the application of the Child Care Standards.

**Department of Communities –  
Director General Linda Apelt**

The Director General advised that:

- Resources are being increased to support Volunteering Queensland.
- Westpac is supporting evacuation centres with virtual banking facilities.

**Australian Defence Forces –  
Colonel Foster**

The Colonel advised that:

- Operations in Lockyer Valley include support of Police searches and water supply operations.
- There were 3 x C-130 flights into Bundaberg, not the planned 4.
- DDC has made the decision to not scuttle the 'Island' barge at this time.

**5. Other Business**

Greg Goebell from the Red Cross mentioned that some people have been donating very poor quality items and food well past its 'use by date' and asked that some public messaging occur about the types and nature of items needed.

Chair

**6. Future Meetings**

The Chair reminded Members of the next meetings to occur on Friday 14 January 2011 at 8am.

Chair

The members endorsed the proposal for the meetings to be held on 14 January at 8am.

**7. Meeting Closed**



## Attendance Sheet

Meeting Date:

*Thursday 9 Jan*  
~~Wednesday~~ 13<sup>th</sup> January 2011

Time: 5 pm

Venue:

Board Room

Queensland Emergency Operations Centre  
 Level 3 Disaster Management Centre  
 Emergency Services Complex  
 Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	<i>IN ATTENDANCE</i>
	Deputy Premier and Minister for Health	Paul Lucas MP	<i>* TELECONFERENCE</i>
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	<i>IN ATTENDANCE</i>
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	John Bradley	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland <i>SDMG Member Representative</i>	Greg Hallam	
	Queensland Health	Mick Reid	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	<i>* TELECONFERENCE</i>
	Recovery Task Force Commander <i>Australian Defence Force</i>	Mick Slater	
Other Attendees	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart	
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady	
	SDMG Executive Officer <i>Queensland Police Service</i>	Brett Pointing	
	SDMG Secretariat <i>Queensland Police Service</i>	Deb Watkins	
	XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn	
	State Disaster Coordination Group (chair) <i>Queensland Police Service</i>	Alistair Dawson	

Australian Defence Force	Luke Foster	
Bureau of Meteorology	Jim Davidson	
Bureau of Meteorology	Peter Baddiley	
Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Don Blechley	
Queensland Health	Jeannette Young	
Department of Public Works	Natalie MacDonald	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Department of Education and Training	Lyn McKenzie	
Department of Education and Training	Graham Atkins	
Queensland Fire and Rescue Service	Lee Johnson	
District Disaster Coordinator Brisbane	Peter Martin	*Teleconference
District Disaster Coordinator Toowoomba	Brett Schafferius	*Teleconference
District Disaster Coordinator Warwick	Greg Morrow	*Teleconference
District Disaster Coordinator Ipswich	Garth Pitman	*Teleconference
Lord Mayor Brisbane City Council	Campbell Newman	*Teleconference
Mayor of Ipswich Council	Paul Pisale	*Teleconference
Mayor of Somerset Regional Council	Graham Lehmann	*Teleconference
Mayor of Lockyer Valley Council	Steve Jones	*Teleconference
ENERGEX	Chris Arnold	
ENERGEX	Ron Watson	
GREG HOFFMAN - LGAD		
EMERGENCY MANAGEMENT AUSTRALIA	CAM DARRIN	
AUST RED CROSS	GREG GOEBEL	
GPS - SDCE	BRIAN CUDDE	
AUST DEFENCE FORCE	DAN BRIFFA	
QUEENSLAND HEALTH	PETER STEER	
QUEENSLAND AMBULANCE	CHRIS BLOOMFIELD	
DEPARTMENT OF COMMUNITY SAFETY	PHIL NICKERSON	
	CAROLYN THALEY	



**State Disaster Management Group  
Extraordinary Meeting Minutes  
8 am Friday 14 January 2011**

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

**Responsible  
Agency**

**1. Welcome and Apologies**

Chair

The Chair welcomed;

The Premier of Queensland, the Hon Anna Bligh

The Deputy Premier and Minister for Health, the Hon Paul Lucas (by teleconference)

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

The Minister for Minister for Agriculture, Fisheries and Forestry, the Hon Senator Joe Ludwig

Lord Mayor of Brisbane, Cr Campbell Newman and Deputy Mayor, Cr Graham Quirk (by teleconference)

Mayor of Goondiwindi, Cr Graeme Scheu (by teleconference)

Mayor of Lockyer Valley Regional Council, Cr Steve Jones (by teleconference)

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology representatives: (by teleconference)

Mr Jim Stewart

Mr Jim Davidson

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Environment and Resource Management – John Bradley

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Warren Bridson

SDMG Member – Local Government Association of QLD – Greg Hoffman

SDMG Member– Queensland Health – Mick Reid

SDMG Member Deputy – Department of Infrastructure and Planning – Michael Kinnane

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a presentation on the current weather situation and the updated weather forecast.

Mr Stewart provided a presentation on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Stewart answered questions from the SDMG members and were thanked for their presentation.

## **3. State Disaster Coordinator – Situation Update**

Deputy Commissioner Stewart led the discussion of various 'hotspots' with input from the relevant DDCs including:

General situation across the state is beginning to stabilise with re-supply becoming the priority issue.

Mayor Newman indicated that opening arterial roads (including Coronation Drive, Inner City Bypass and Milton Road) is his priority.

**Jim Davidson and  
Jim Stewart**

**Deputy  
Commissioner Ian  
Stewart**





- **Toowoomba DDC, Brett Schafferius:**  
26 water trucks will be supplying water into the Lockyer valley 24/7 for the immediate future.  
95% of electrical supply should be returned by this afternoon.  
Will be locating a 24hr police presence in Grantham to reassure residents.
- **Ipswich DDC, Garth Pitman:**  
SEQ Water providing good support into Lowood and Fernvale.  
Rapid Assessment Teams will commence operating in Ipswich today.  
River heights are falling.  
Karalee Evacuation centre was re-supplied with the assistance of the ADF.  
Ipswich Motorway should be open by mid-afternoon.
- **Brisbane DDC, Peter Martin:**  
At the peak 14,100 properties were affected with the current figure being 10,700 properties affected.  
1,203 houses suffered complete inundation.  
Currently 990 people in the RNA evacuation centre and 314 people in the QEII evacuation centre, with these numbers expected to begin falling.  
Re-supply to the western suburbs is the current priority with good support from the ADF.
- **Warwick DDC, Greg Morrow:**  
A 3 stage evacuation plan for Goondiwindi has been established and the community is currently at stage 1.  
60 people have self evacuated to the Showgrounds evacuation centre and 38 people have self evacuated to St Mary's Church.  
Fatigue management is an issue that is currently being managed.  
Mayor Scheu mentioned the great support he has received from the community of Inglewood.

#### **4. Agency Reports**

The Chair called for agency / utilities reports by exception:

**All Members**

The Chair stated that there is an urgent need to identify which LDMGs require extended trading hours to support their communities across the weekend.

#### **Energex – Chris Arnold**

Mr Arnold advised that:

- Currently 60,000 customers are without supply.
- The target is to reduce that to 25,000 – 40,000 by tonight.
- CBD is largely operational now from an electricity distribution perspective with owners of buildings needed to undertake inspections and repairs prior to connection.
- Returning supply in Lockyer Valley and to western suburbs of Brisbane are the current priorities.
- Electricity is back to 50% of Lockyer Valley community with about 2,500



customers still without electricity.

- Energex coordinating with Master Electricians regarding process for tasking safety inspections.
- Deputy Mayor Quirk enquired about the inequity in that some companies have volunteered to undertake the checks for free and some businesses had offered to undertake the checks at discount prices.
- Ron Watson from Energex stated the need for development of a clear process and messaging for the public.
- The Commissioner of Police, Mr Atkinson outlined the benefit in coordinating road access and power re-supply.

#### **Department of Environment and Resource Management – Water**

##### **Director General John Bradley**

The Director General advised that:

- The water treatment plant at Gatton should be operating later today with limited capacity however given severe damage to the water reticulation system this will be of only limited benefit.
- Supply to Withcott should be returned by 25 January.
- With the fragile nature of the Eastbank plant it is important people are advised to keep demand down.
- Current usage is 370 Mega litres and with the compromised performance of Eastbank output is limited to about 400 mega litres. As the clean up begins water consumption should increase and efforts must be made to keep consumption below 400 mega litres.
- Discussions were held about using recycled water for cleaning streets.

#### **Department of Transport and Main Roads –**

##### **Director General David Stewart**

The Director General advised that:

- It is vital that public are advised that essential travel only should be undertaken.
- Public transport operating with the Busway expected to open again today.
- Ipswich Motorway will reopen by mid-afternoon.
- The ADF have offered a Minesweeper to begin mapping and clearance of Moreton Bay.
- Port of Brisbane will begin undertaking a survey with a view to trying to open the port facilities by Sunday.
- Chain of supply issues are being examined for primary producers and resource sector.

#### **Australian Defence Forces –**

##### **Colonel Foster**

The Colonel advised that:

- 600+ ADF personnel are currently involved in supporting disaster response operations.
- Focus on resupply into areas such as Lockyer Valley, Ipswich, Western Suburbs, Bundaberg, and Goondiwindi.

## **5. Other Business**



The Premier outlined the importance of having recovery and cleaning operations underway in Condamine prior to residents returning.

#### **6. Future Meetings**

The Chair cancelled the planned meeting at 5pm and proposed to Members that the next meeting should occur on Saturday 15 January 2011 at 9am.

Chair

The members endorsed the proposal for the next meeting to be held on 15 January at 9am.

#### **7. Meeting Closed**



## Attendance Sheet

Meeting Date: Friday 14th January 2011

Time: 8 am

Venue: Board Room

Queensland Emergency Operations Centre  
 Level 3 Disaster Management Centre  
 Emergency Services Complex  
 Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	IN ATTENDANCE
	Deputy Premier and Minister for Health	Paul Lucas MP	IN ATTENDANCE
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	IN ATTENDANCE
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	John Bradley	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Warren Bridson	
	Local Government Association of Queensland <i>SDMG Member Representative</i>	Greg Hallam	
Other Attendees	Queensland Health	Mick Reid	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	
	Recovery Task Force Commander <i>Australian Defence Force</i>	Mick Slater	
	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart	
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady	
	SDMG Executive Officer <i>Queensland Police Service</i>	Brett Pointing	
	SDMG Secretariat <i>Queensland Police Service</i>	Deb Watkins	
	XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn	
	State Disaster Coordination Group (chair) <i>Queensland Police Service</i>	Alistair Dawson	





## Attendance Sheet

Australian Defence Force	Luke Foster	
Bureau of Meteorology	Jim Davidson	
Bureau of Meteorology <i>JAMES STUART</i>	<del>Peter Baddiley</del>	
Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Don Blechley	
Queensland Health	Jeannette Young	
Department of Public Works	Natalie MacDonald	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Department of Education and Training	Lyn McKenzie	
Department of Education and Training	Graham Atkins	
Queensland Fire and Rescue Service	Lee Johnson	
Local Government Association of Queensland	Greg Hallam	
SDMG Member Representative		
District Disaster Coordinator Brisbane		*Teleconference
District Disaster Coordinator Toowoomba	Brett Schafferius	*Teleconference
District Disaster Coordinator Warwick	Greg Morrow	*Teleconference
District Disaster Coordinator Ipswich	Garth Pitman	*Teleconference
Lord Mayor Brisbane City Council	Campbell Newman	*Teleconference
Mayor of Ipswich Council	Paul Pisale	*Teleconference
Mayor of Somerset Regional Council	Graham Lehmann	*Teleconference
Mayor of Lockyer Valley Council	Steve Jones	*Teleconference
Mayor of Goondiwindi	Graeme Scheu	Teleconference
ENERGEX	Chris Arnold	
ENERGEX	Ron Watson	
<i>Queensland Ambulance</i>	<i>Chris Bloomfield</i>	
<i>Queensland Ambulance</i>	<i>Russell Bowles</i>	
<i>Acas Services Qld</i>	<i>Leanne Beer</i>	
<i>Qld Fire &amp; Rescue</i>	<i>Iain Mackenzie</i>	
<i>RED CROSS</i>	<i>GREG GOEBEL</i>	
<i>RMU</i>	<i>MIKE SHAWLAND</i>	
	<i>WARREN BA</i>	
<i>Minister Ludwig</i>	<i>Elliot Stein</i>	
<i>" "</i>	<i>Michael Carey</i>	



**State Disaster Management Group  
Extraordinary Meeting Minutes  
9 am Saturday 15 January 2011**

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

**Responsible  
Agency**

**1. Welcome and Apologies**

The Chair welcomed:

Chair

The Deputy Premier and Minister for Health, the Hon Paul Lucas MP

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

The Commonwealth Government Minister for Regional Australia, Regional Development and Local Government, the Hon Simon Crean MP

Deputy Mayor of Brisbane, Cr Graham Quirk (by teleconference)

Mayor of Goondiwindi, Cr Graeme Scheu (by teleconference)

Commander Joint Task Force – Recovery, Brigadier Paul McLauchlan;

Representative from the New Zealand High Commission – Ms Jackie Gillian and Police Liaison Officer Paul Jones;

The Chair welcomed State Disaster Management Group members and their respective agency representatives.

The Chair also welcomed Bureau of Metrology (BoM) representatives:

Mr Jim Stewart ( via teleconference)

Mr Jim Davidson

Mr Rob Vertessy

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member - Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson



SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Justice and Attorney-General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Local Government Association of QLD – Greg Hallam

SDMG Member– Queensland Health – Mick Reid

SDMG Member– Queensland Treasury – Gerard Bradley

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a briefing on the current weather situation and the updated weather forecast.

Mr Stewart provided a briefing on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Stewart answered questions from the SDMG members and were thanked for their presentation.

Mr Barry Dennien SEQ Water - Water Grid Manager provided a report on dam release and dam levels as follows:

Somerset Dam has decreased from 190% to 129%

Wivenhoe Dam has been decreased 191% to 163%

Dam releases will continue at a rate of 3 500 cubic metres per second until Tuesday / Wednesday next week or until the flood storage capacity is again at 0%

## **3. State Disaster Coordinator – Situation Update**

Deputy Commissioner Stewart advised the following:

15 people deceased

19 people missing

grave fears are held for 12

Jim Davidson and  
Jim Stewart

Deputy  
Commissioner Ian  
Stewart

Deputy Commissioner Stewart invited reports from the various District Disaster Coordinators from various flood effect areas as follows:

**Brisbane District Disaster Coordinator –  
Assistant Commissioner Peter Martin**

The Brisbane District Disaster Coordinator reported the following:

- as at 0800hrs the total number of premises effected was 5930.
- 5755 were partially flooded and 175 completely inundated. 2500 commercial properties were affect and 3500 residential premises.
- Of the major infrastructure – the Inner City Bypass was now open.
- All road bridges were open with two foot bridges closed.
- Coronation Drive was open with lanes limited.
- The evacuation centres were running well with 1028 in the RNA evacuation centre overnight (and this number is decreasing) and 180 in the QEII evacuation centre.
- Volunteer registration centres were established at:
  - Doomben Racecourse;
  - McGregor High School;
  - Brisbane Entertainment Centre Boondall; and
  - Brisbane Botanical Gardens car park Toowong.
- The traffic management issues around these areas are significant and are being managed by QPS officers on scene.
- 18 700 premises are still without power in the Brisbane area.

The Deputy Mayor of Brisbane, Mr Graham Quirk, advised that by 8:30am this morning 6000 people had turned out at the volunteer registration sites.

The Deputy Mayor highlighted the need to reconsolidate the number of houses that are without power but are not flooded. The reason being is that they will need to get rid of food and perishables as a result of loosing power for a long period of time. 95 food waste disposal bins have been placed in the flood affected areas to date.

The Deputy Mayor also raised concerns with regards to the timeliness surrounding the approval process and resourcing of response efforts in disaster areas.

The State Disaster Coordinator and State Recovery Coordinator were to meet (teleconference) post meeting with the Deputy Mayor to discuss these issues.

**Warwick District Disaster Coordinator –  
Superintendent Greg Morrow**

The Warwick District Disaster Coordinator reported the following:

- 20 properties have water surrounding the house
- 3 people were evacuated from Brigalow Creek



The highways in and out of town are closed  
25 properties down stream advised of situation  
13 persons are in the evacuation centre at the show grounds  
A substantial number of reptiles (snakes) have been seen in the river.

Mayor of Goondiwindi advised that the Local Disaster Management Group would be meeting this morning. He added that there have been several low level leaks in the levee which have been plugged with 24/7 monitoring of its structural integrity.

**Toowoomba District Disaster Coordinator –  
Superintendent Brett Scharrerius**

The Toowoomba District Disaster Coordinator reported the following:

- The water supply to the Lockyer Valley was due to be reinstated yesterday but due to issues with the water over the pump this was not possible. It was anticipated that the water would be back on this afternoon (DERM reported that as at 5am this morning the pump was online and at 9am 7% of clear water was available). Water was still being trucked into the isolated areas.
- A small gastroenteritis outbreak occurred at the Grantham evacuation centre.
- 100% power supply returned to Fern Hill, Gatton, Helidon and Grantham with 20% returned to Murphy Creeks. The LDMG/LDCC are accessing generators to provide to areas still without power.
- Search and recovery activities are underway again today with 2 companies of Australian Defence Force personnel assisting in the search.
- Brisbane Water Police have been tasked with searching the relevant Brisbane River systems for bodies.
- A community meeting is scheduled to be held in Gatton today (1pm) and then later in the day at Helidon to advise residents about repatriation processes and the recovery efforts.
- Assistance centres (councillors etc) are to be established at Grantham and Murphy Creek and will operate 24/7 until Friday 21 January at this time.

Post the SDMG meeting the DDC, Mayor of the Lockyer Valley Regional Council, Graeme Newton and Bruce Grady are to continue discussion about the supply of volunteers to assist the effected areas.

In addition post the SDMG meeting Linda Apelt, Mal Grierson, Graeme Newton and Jim McGowan are to continue discussions with regards to freeing up the local school (being utilised as the evacuation centre) so the school can open in



line with the return from school holidays. Also the group were to look at the issue of secure storage of personal belongings for people in the effected area.

**Ipswich District Disaster Coordinator –  
Superintendent Garth Pitman**

The District Disaster Coordinator for Ipswich reported the following:

- Numbers in evacuation centres have reduced to 315 people with the major evacuation centres being the show grounds and the Bundamba TAFE.
- SES and QFRS rapid assessment teams have assessed 525 homes with 365 assessed as uninhabitable and 160 assessed as habitable.
- 500 streets were affected by flood water with 100 still flooded.
- The Ipswich CBD is operational (with some exceptions) and additional patrols of the CBD are occurring.
- Access to Wivenhoe pocket and Dundas is still unavailable due to dam release overflow (this is the 3<sup>rd</sup> week of isolation)
- Somerset LDMG is to meet today. They still have 327 people in their evacuation centre.
- Yesterday the area was visited by the Governor General and Deputy Premier.

**4. Agency Reports**

The Chair called for agency / utilities reports by exception:

**All Members**

**Energex –  
Mr Chris Arnold**

Mr Arnold advised that:

- Currently 25000 customers are without supply.
- 3000 in the Brisbane CBD, with 9 inundated buildings still without power. The building basements need to be pumped and cleaned but in the interim they will be supplied by generators
- 1000 in the Lockyer Valley are without supply but generators are being supplied to the LDMG for distribution.
- 500 ENERGEX road crews are out in the region on 12hr rolling shifts with an additional 100 specialist from interstate arriving over the weekend.

Mr Ron Watson provided a briefing on the re-energisation procedures for residents only (hand out provided and attached). The inspections will cost \$200 which will cover 2 electricians at \$100 per hour for work.

After much discussion it was decided that a simple statement to the public needed to be released with regards to this process and is to include the 1300 phone number and fee details with payment options to be included.

ENERGEX / LGAQ and Communities are to have this completed by 11:30hrs today.

**Water –**





**Department of Environment and Resource Management –  
Director General John Bradley**

The Directed advised that the water situation is getting much better with the supply of 5050 megalitres a day meeting demands of 4000 megalitres of use. Water turbidity is still high. In addition some complaints have been received about the taste and colour of water in some regions. It was agreed that information needed to be distributed pertaining to the water taste and slight discolouration being due to the turbidity but that its still safe.

**Department of Community Safety  
Director General Jim McGowan**

Mr Jim McGowan advised:

- Interstate fire trucks are enroute to help with the clean up
- Due to the flooding in Victoria / New South Wales and Tasmania the capacity for interstate volunteers is reduced.
- Resupply is going well with the resupply of local shopping centres being the problem for the shopping centres not the disaster management group.
- Resupply is focusing on individual homes and homesteads in isolated areas.

**Australian Defence Force  
Colonel Luke Forster**

Colonel Forster advised:

- 60 additional ADF staff deployed to the Lockyer Valley
- Additional troops are deployed to Brisbane to help in the clean up with 30 troops sent to the Rocklea market to assist.
- 1 resupply flight by a RAAF C-17 will be made to Townsville today
- Naval Elements have been dispatched to assist with river clearing to commence early next week.

**Department of Transport and Main Roads  
Director General Mr David Stewart**

Mr Stewart advised:

- The road network is returning to normal.
- Some of the supply routes only have 1 or 2 lanes open so transit is slow.
- Request a reminder be sent to residents to stay off the roads in affected areas if travel isn't necessary.
- Public transport operations are returning to normal with the exception of the bus way which is still closed.
- The Port of Brisbane hydrology work commenced yesterday with the propriety being the restoration of access to oil and gas assets.

**Department of Justice and Attorney General  
Director General – Mr Philip Reed**

Mr Reed advised that the Coroner has commenced a coronial inquest into the tragedy in the Lockyer Valley at 5:40am this morning. The investigation will look at both the role of the QPS and Queensland Health. Mr Reed was to provide a copy of the press release to the Chair at the conclusion of the meeting.

**Queensland Health****Director General Mick Reid**

Mr Reid advised that the issue of tetanus is being addressed with a weblink provided to GP's who are currently bulk billing for tetanus shots and boosters. Nurses have been deployed to vaccination sites in the various effected areas with both Ipswich and Toowoomba offering this free service.

**Department of Education and Training****Director General Julie Grantham**

Mr Grantham advised that assessments of schools are still continuing with work being done to assist those in evacuation centres at Mt Gravatt, the RNA and Ipswich with back to school preparations. This includes requests for donations targeting school uniforms, books and stationary etc.

**5. Other Business**

The Deputy Premier raised the following issues:

- Evacuation centre demographics - The Deputy Premier urged all Director Generals and Senior Executive of the SDMG who haven't visited an evacuation centre to do so in order to get a good understanding of the demographic of people requiring help (already marginalised communities)
- Clean up coordination – The Deputy Premier advised that clear up efforts need to be done in conjunction with councils with attention afforded the political capability. Should additional management be required than it should be afforded.
- Clean up logistics – The Deputy Premier requested that a summary be provided regarding what resources are providing the best results with regards to recovery. This will assist in the level of prediction we can give a community with regards to restoration and recovery.
- The Deputy Premier advised that it will be through our management of the immediate aftermath that we will be judged.

**6. Future Meetings**

The members endorsed the proposal for the next meeting to be held on 16 January at 9am.

**7. Meeting Closed**

Deputy Premier

Chair



## Attendance Sheet

Meeting Date: Saturday 15th January 2011

Time: 9 am

Venue: Board Room

Queensland Emergency Operations Centre  
 Level 3 Disaster Management Centre  
 Emergency Services Complex  
 Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	
	Deputy Premier and Minister for Health	Paul Lucas MP	IN ATTENDANCE
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	IN ATTENDANCE
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	
	Department of Employment, Economic Development and Innovation	Ian Fletcher	
	Department of Environment and Resource Management	John Bradley	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Warren Bridson	
Other Attendees	Local Government Association of Queensland <i>SDMG Member Representative</i>	Greg Hallam	
	Queensland Health	Mick Reid	
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	
	Recovery Task Force Commander <i>Australian Defence Force</i>	Mick Slater	
	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart	
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady	
	SDMG Executive Officer <i>Queensland Police Service</i>	Brett Pointing	
	SDMG Secretariat <i>Queensland Police Service</i>	Deb Watkins	
	XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn	N/A
	State Disaster Coordination Group (chair) <i>Queensland Police Service</i>	Alistair Dawson	





## Attendance Sheet

Australian Defence Force	Luke Foster	
Bureau of Meteorology	Jim Davidson	
Bureau of Meteorology	Peter Baddiley	
Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Don Blachley	
Queensland Health	Jeannette Young	
Department of Public Works	Natalie MacDonald	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Department of Education and Training	Lyn McKenzie	
Department of Education and Training	Graham Atkins	
Queensland Fire and Rescue Service	Lee Johnson	
Local Government Association of Queensland	Greg Hallam	
SDMG Member Representative		
District Disaster Coordinator Brisbane	PETER MARTIN	*Teleconference
District Disaster Coordinator Toowoomba	Brett Schafferius	*Teleconference
District Disaster Coordinator Warwick	Greg Morrow	*Teleconference
District Disaster Coordinator Ipswich	Garth Pitman	*Teleconference
Lord Mayor Brisbane City Council	GRAHAM CURR	Campbell Newman
Mayor of Ipswich Council	Paul Pisale	*Teleconference
Mayor of Somerset Regional Council	Graham Lehmann	*Teleconference
Mayor of Lockyer Valley Council	Steve Jones	*Teleconference
Mayor of Goondiwindi	Graeme Scheu	Teleconference
ENERGEX	Chris Arnold	
ENERGEX	Ron Watson	
LCAO	GREG HOFFMAN	
RED CROSS	GREG GOSSEL	
RED CROSS	SONYA KEEF	
QLD Fire & Rescue Service	Iain Mackenzie	
Dept of Community Safety	GARY MAHON	
QUEENSLAND AMBULANCE SERVICE	CHRIS BLOOMFIELD	
Emergency Management Aust	Peter Willett	
Emergency Management Australia	James Gustus	
DISASTER RECOVERY	CHRIS ALSTON	
BUREAU OF METEOROLOGY	ROB VERTESSY	
FMR	NIM ALBERT	
THR	JACK NOYE	
ENERGEX	Mika Swanson	
DEPARTMENT OF COMMUNITY SAFETY	PAUL WICKERSON	
DCS	Paul Hogg	
DEFENCE - COMMANDER 7 BDE	BRIG PAUL MCLACHLAN	
OFFICE PREMIER BLIGH	KIMBERLEY	
Office MRS ROBERT	SCOTT CHANDLER	
"	DAVID SMITH	

**State Disaster Management Group  
Extraordinary Meeting Minutes  
9 am Sunday 16 January 2011**

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

**1. Welcome and Apologies**

The Chair welcomed:

The Premier of Queensland, the Hon Anna Bligh MP

The Deputy Premier and Minister for Health, the Hon Paul Lucas MP

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

Deputy Mayor of Brisbane, Graham Quirk (by teleconference)

Mayor of Goondiwindi, Graeme Scheu (by teleconference)

Mayor of Somerset Regional Council – Graham Lehmann

Mayor of Western Downs Regional Council – Ray Brown

Recovery Task Force Commander – Major General Mick Slater

The Chair welcomed members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology representatives:

Mr Jim Davidson

Mr Paul Birch (via teleconference)

A quorum was achieved at this meeting through attendance by State Disaster Management Group (SDMG) Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Queensland Police Service – Bob Atkinson

SDMG Member – Department of Community Safety - Jim McGowan



SDMG Member – Department of Communities – Linda Apelt

SDMG Member – Department of Education and Training – Julie Grantham

SDMG Member – Department of Employment, Economic Development and Innovation – Ian Fletcher

SDMG Member – Department of Environment and Resource Management – John Bradley

SDMG Member – Department of Justice and the Attorney General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Local Government Association of QLD – Greg Hallam

SDMG Member – Emergency Management Queensland – Ian McKenzie

SDMG Member – Queensland Health – Mick Reid

SDMG Member – Queensland Treasury – Gerard Bradley

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a briefing on the current weather situation and the updated weather forecast.

Mr Birch provided a briefing on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Birch answered questions from the SDMG members and were thanked for their presentation.

## **3. State Disaster Coordinator – Situation Update**

Deputy Commissioner Stewart advised the following:

16 people deceased (15 Lockyer Valley and 1 Brisbane)

14 people missing

Deputy Commissioner Stewart invited reports from the various District Disaster Coordinators from various flood effect areas as follows:

### **Toowoomba District Disaster Coordinator – Superintendent Brett Schafferius**

The Toowoomba District Disaster Coordinator reported the following:

- The water in Lowood is reinstated with the only Withcott requiring water delivery.
- The search of the Grantham township is complete with the areas of the paddocks and farms in Grantham next to be searched.
- The foot search from Spring Bluff to Grantham is complete.
- There is a silt and debris pile 300m x 150m containing mud, debris and carcasses of dead livestock that is yet to be searched.
- The foot search from Grantham to Grandville is 30% complete
- The ADF / QPS and SES are continuing on with search activities today.
- There is a 24hr police presence in the town of Grantham and will remain there until further notice.
- Minister for Police, Correctives Services and Emergency Services and the Police Commissioner visited evacuation centres in Grantham and Helidon yesterday.
- Community meetings are to occur again today.
- A marquee and temporary buildings were being delivered to Grantham at the time of the meeting.

The Deputy Premier raised the issue of generators and outside portable fridges being delivered to Grantham for those in need. It was advised that Major General Mick Slater through coordination with Lindsay Fox has organised for 25 Shipping containers to be delivered to Grantham tomorrow and used to assist in securing personal belongings of those affected.

#### **Dalby District Disaster Coordinator – Inspector Michael Bianchi**

The Dalby District Disaster coordinator reported that:

- Over night Dalby had 40 persons in evacuation centres and 30 people were being housed in the Chinchilla area.
- The Dalby water treatment plant is functioning and producing 40% of its capacity with additional water being trucked in.
- The river is expected to peak today at Condamine at 14.8 metres. The trigger point for re-entering the town is 13m which is expected late Tuesday or early Wednesday. It is expected that recovery efforts will commence early Wednesday once the assessment of the electricity, sewerage and water systems occurs and these services are reinstated. When the river reaches 12m it is anticipated that there will be a full return to the town.

The Mayor – Ray Brown advised the following

- There are 60 houses in Condamine with 15 inundated houses.
- 9 businesses inundated and 3 community facilities including the school.

#### **Warwick District Disaster Coordinator – Superintendent Greg Morrow**

The Warwick District Disaster Coordinator reported the following:

- The Goondiwindi evacuation centre was still open but there was no one in residence.
- The water was receding in the 20 affected houses.
- A resupply of food was expected to occur this afternoon.
- Transport and Main Roads have agreed allow the resupply vehicles through, even if there is still water on the roads, but under police escort.
- 25 rural properties (downstream) have been advised of the water enroute to their location.

- The town of Tallwood is the commercial hub for these rural properties and while its not in the path of the water, sandbags have been delivered there for use by rural properties as required.

The Mayor Graeme Scheu advised that a meeting would be held today to discuss the issue of reopening the hospital.

#### **Brisbane District Disaster Coordinator – Assistant Commissioner Peter Martin**

The Brisbane District Disaster Coordinator reported the following:

- The Brisbane River had dropped and return to normal levels.
- Current issues include road access and road restoration.
- Engineers were assessing the structural integrity of Coronation Drive.
- A Traffic Management Plan is being devised to address the issue of return to work tomorrow in the CBD.
- The resupply of fruit and vegies as a priority as is the re-building of the Rocklea markets. The ADF and police are working to ensure this happens.
- There are 372 persons in the RNA Evacuation Centre and 217 in the QEII.
- Volunteering numbers reach 13 000 yesterday with the same expected today - this has been causing traffic management problems.
- High visibility police presence is underway focusing on isolated properties where there is no one in residence.
- There are currently 5 community recovery centres operating with another one expected to come on line today.

Deputy Mayor Quirk advised that there were still 58 road closures at 8pm last night, but that number had dropped to 8 roads closed as of this morning.

The focus of today's clean up was a curb side collection.

The Deputy Mayor raised concerns of the solidification of mud/silt in the storm water drains and this may become an issue if there is a significant thunderstorm on Wednesday. The council is trying to flush the drains or at lease keep the drains moist.

The Deputy premier raise two issues:

1. That there is a low level of awareness in community recovery centres with regards to grants and entitlements, which needs to be addressed.
2. In addition it should be noted that people are not entitled to the "2 day power outage" compensation offered by ENERGEX in this instance as the disruption is not their fault.

#### **Ipswich District Disaster Coordinator – Superintendent Garth Pitman**

The District Disaster Coordinator for Ipswich reported the following:

- 179 people in the 4 evacuation centres, which is a drop of 50% overnight.
- The issue of cash on site at evacuation centres with minimal or no security was raised with the DDC organising a risk assessment of the current situation.(post meeting Linda Apelt / DDC Ipswich and the Commissioner were to discuss this matter further)
- The Fernvale area has 90% power restoration but there are still issues for Somerset with the provision of fuel for generators.

The Mayor for the Somerset Regional Council and Steve Dalton advised that the clean up crews were in place (consisting QFRS/SES) and the activities were progressing well. 100 food packages had been delivered and this will continue as required. The power is still out in some areas and the roads have sustained major damage with some road bridges missing. Telecommunications have been restored to some areas.

#### **4. Agency Reports**

The Chair called for agency / utilities reports by exception:

##### **Energex – Chris Arnold**

Mr Arnold advised that:

- There are currently 21000 customers without power which is down from 2500 yesterday
- Some streets are being affected by secondary faults but this is only happening on a street by street basis.
- 5 operators have been sent out to oversee the master electricians and the conduct of house by house inspections.
- An advertisement is being organised to explain to customers the restoration process. This is to include the 1300 number to contact the master electricians.
- \$200 fee for the master electrician service is to be paid by the resident but may be invoiced.
- Linda Apelt to work with ENERGEX to advise of emergency assistance funds and grants.
- Work is to be done with ERGON to ensure consistency in the provision of service.
- ENERGEX has asked for assistance from police with getting vehicles into effected areas.
- In addition, rubbish is being pile on the curb side often around and covering electricity transformer boxes which are being damaged by heavy machinery removing rubbish.

##### **Water –**

##### **Director General Department of Environment and Resource Management – Mr John Bradley**

The Director General confirmed that there are 1500 people in the Withcott area without water. He advised that this should be rectified by this afternoon. Bulk water supplies are returning to normal. Water consumption didn't spike yesterday as expected. The dam levels continue to drop with Wivenhoe at 144%, Somerset at 112% and North Pine at 98%. Dam release continues at 3500 cubic metres per second. Water turbidity is still high but treatment plant output is good.

##### **Telecommunications**

##### **Kim Graham – Optus.**

Mr Graham advised that restoration of the fibre optic cable was completed yesterday with the remainder of service outages due to power disruption. He advised that they had 28 mobile sites out due to power failure, 8 sites with water damage and 24 transformer elements damage.

##### **Department of Community Safety**

##### **Director General Jim McGowan**

Mr Jim McGowan advised:

- Resupply was going well with assistance provided by the ADF.

- NSW has offered additional garbage trucks to assist in the clean up.

**Department of Transport and Main Roads**  
**Director General Mr David Stewart**

Mr Stewart advised:

- Caltex received ships early today, BP will receive ships by this afternoon and Shell is expected to receive ships tomorrow.
- The Port Of Brisbane is expected to be open at 5am tomorrow morning.
- Chinchilla is the only area with main road access blocked.
- Public Transport is returning to normal with the bus way still closed but expected to come back on line tomorrow.
- The majority of traffic signals are back on line but there is concern of the return of traffic to the CBD for tomorrow. QPS and TMR are to work together on traffic management arrangements.

**Queensland Health**  
**Director General Mick Reid**

Mr Reid advised that the implementation of the vaccination process was going well with 609 vaccinations occurring at the volunteer centres. 33 GP centres have offered to administer the vaccinations and bulk bill - their details are available through 1300 health. 500 vaccinations were provided in Ipswich and Toowoomba.

The Premier questioned the duration it will take to rule out the advertised cases of Melioidosis (see note for disease description).

The Chief Medical Officer advised that she was relatively sure that the illnesses were viral and not Melioidosis but said that it takes longer to rule it out than it does to confirm it.

The Premier requested that once the information is available with regards to the illness that it be made publically known to dispel the current rumours.

**Department of Education and Training**  
**Director General Julie Grantham**

Mrs Grantham advised that it had been agreed that the government will reimburse the flood affected schools for uniforms and that stationery drives were currently underway with deliveries to schools expected soon.

Mrs Grantham advised that 92% of schools have been assessed. There were numerous schools with inundation to part of the schools facilities and many with ground flooding only. Mrs Grantham advised that there was now a solution in place for every school. Children from Rocklea will be catered for at Moorooka, those in Milton will be facilitated at the Math and Science facility at Toowong and those affected in Brassall will attend Ipswich High (these are just some of the arrangements in place). 5 schools have not be able to be assessed due to remaining inundation in Rockhampton and Condamine.

Mrs Grantham was advised that the information was due to be ready by Wednesday evening for release and she was to provide a copy of the media release and solution to the premier by Wednesday afternoon.



**Department of Communities**  
**Director General Linda Apelt**

The Director General advised;

- There are currently 34 Recovery Centres operating throughout Queensland with the Ipswich Recovery Centre processing 100 pay claims per hour.
- Recovery teams from the ACT and SA are expected to arrive tomorrow with a team from NZ due next week.
- With regard to funeral assistance payments, the Premier has written to the PM requesting the CAT B funding and this has been approved. It was decided that this payment was not to be publically managed but to be done on a case by case basis in close and careful consultation with the victim's families.

**Australian Defence Force**  
**Colonel Luke Forster**

Colonel Forster advised:

- 1447 ADF personnel involved in activities in Brisbane, Ipswich, Lockyer Valley, St George and Rockhampton.
- RAAF are to undertake an aerial survey of the flood effected areas / subject to weather.
- ADF helicopter assets are still assisting QPS with the search including the transportation of QPS staff.
- ADF are conducting food drops as needed.
- The RAN mine hunter vessel is due to arrive in Brisbane some time tomorrow.

**Queensland Police Service**  
**Commissioner – Bob Atkinson**

The Premier advised of a radio broadcast on the ABC that she had heard relating to scams being linked to the flood. She asked for the Commissioner to investigate and put out a public message from the police with regards to fraudulent activity and scams.

**State Disaster Recovery Officer**  
**Mr Bruce Grady**

Mr Grady advised;

- That with the events of 10 January (Toowoomba/Lockyer Valley) and the Brisbane flood the recovery efforts were pushed back into a response effort for the effected area.
- The Director Generals from the 5 key agencies and the Major General will meet post SDMG to discuss the key recovery priorities for the next 2 – 5 day period.

**Joint Recovery Task Force**  
**Major General Mick Slater**

The Major General advised that he had hoped to be further into the rebuilding stage of recovery but in light of recent incidents notes that the same people that were engaged in the longer term recovery were also engaged in emergency management and response.

Next week he is hopeful that the focus will move recovery from the 2nd priority and transition it and the efforts sounding it back to the top priority.

## 5. Premiers Address

The Premier addressed the group and articulated that:

- We should now take a moment to stop and reflect what the team of people around the table and the agency staff behind them have achieved.
- This time last week the SDMG had met to discuss the role of the Task Force and the SDMG being absorbed into these activities, but Monday (10/1) changed everything and tested Queensland like it has never been tested before.
- The performance of the Local Government has been highly commendable with their high level of self sufficiency (with Lockyer Valley being a completely separate situation and surrounding circumstances).
- Every agency, from NGO's, Local Government, State Government and Federal Government, has worked exceptionally well.
- She was supported every step of the way by Neil Roberts (Minister for Police, Emergency and Corrective Services) who is extremely capable and well respected and has been there to support her throughout the past weeks events.
- 

The Premier concluded by saying "You've Done Good".

The Minister for Police, Emergency and Corrective Services reinforced the statements made by the Premier and said the response has been spectacular from the leadership and cooperation throughout all government agencies and through the state. He finished by saying that he was tremendously proud and thanked every one for all of their efforts.

The SDMG chair made special mention of the leadership provided by Jim McGowan and the Commissioner, particularly with the implementation of the changes under the new *Disaster Management Act* and thanked them for the 24/7 focus (by them and their staff).

## 6. Future Meetings

- The members endorsed the proposal for the next meeting to be held on 17 January at 5 pm.

## 7. Meeting Closed

### NOTE:

[http://access.health.qld.gov.au/hid/InfectionsandParasites/BacterialInfections/melioidosis\\_is.asp](http://access.health.qld.gov.au/hid/InfectionsandParasites/BacterialInfections/melioidosis_is.asp)

Melioidosis is a disease caused by a bacterium called *Burkholderia pseudomallei*, a germ which is found in soil. The disease occurs mostly in tropical areas, including north Queensland, but it occasionally occurs in other places including southern parts of Queensland.



## Attendance Sheet

Meeting Date: Sunday 16th January 2011

Time: 9 am

Venue: Board Room

Queensland Emergency Operations Centre  
 Level 3 Disaster Management Centre  
 Emergency Services Complex  
 Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending
Members	Premier of Queensland	Anna Bligh MP
	Deputy Premier and Minister for Health	Paul Lucas MP
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan
	Department of Communities	Linda Apelt
	Department of Education and Training	Julie Grantham
	Department of Employment, Economic Development and Innovation	Ian Fletcher
	Department of Environment and Resource Management	John Bradley
	Department of Infrastructure and Planning	Graeme Newton
	Department of Justice and Attorney General	Philip Reed
	Department of Public Works	Mal Crieron
	Department of Transport and Main Roads	Dave Stewart
	Emergency Management Queensland <i>IAN MCKENZIE</i>	Warren Bridson
	Local Government Association of Queensland <i>SDMG Member Representative</i>	Greg Hallam
Other Attendees	Queensland Health	Mick Reid
	Queensland Police Service	Bob Atkinson
	Queensland Treasury	Gerard Bradley
	Recovery Task Force Commander <i>Australian Defence Force</i>	Mick Slater
	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady
	SDMG Executive Officer <i>Queensland Police Service</i>	Brett Pointing
	SDMG Secretariat <i>Queensland Police Service</i>	Deb Watkins
	XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn
	State Disaster Coordination Group (chair) <i>Queensland Police Service</i>	Alistair Dawson

BRIAN COO



100

**State Disaster Management Group  
Extraordinary Meeting Minutes  
5 pm Monday 17 January 2011**

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

**Responsible  
Agency**

**1. Welcome and Apologies**

The Chair welcomed:

The Premier of Queensland, the Hon Anna Bligh MP (via teleconference)

The Deputy Premier and Minister for Health, the Hon Paul Lucas MP (via teleconference)

Deputy Mayor of Brisbane, Graham Quirk (by teleconference)

Somerset Regional Council Local Disaster Coordinator– Tonya Jacobs (via teleconference)

Mayor of Western Downs Regional Council – Ray Brown (via teleconference)

Ipswich City Council Representative – Trevor Jacob (via teleconference)

Recovery Task Force Commander – Major General Mick Slater

Commander 7 Brigade – Brigadier Paul McLachlan

District Disaster Coordinator for Brisbane – Peter Martin (via teleconference)

District Disaster Coordinator for Toowoomba – Brett Schafferius (via teleconference)

District Disaster Coordinator for Ipswich – Garth Pitman (via teleconference)

District Disaster Coordinator for Dalby – Michael Bianchi (via teleconference)

The Chair welcomed members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology (BoM) representatives:

Mr Jim Davidson (via teleconference)

Chair



Mr Jim Stewart (via teleconference)

The Chair welcomed Brigadier Paul McLaughlan who replaces Colonel Luke Foster. That chair thanked Colonel Foster and the ADF who have been with us since day one.

The Chair acknowledged Queensland Fire and Rescue Service (QFRS) Deputy Commissioner Iain McKenzie who has been appointed as Acting Assistant Director General, Emergency Management Queensland, whilst Bruce Grady is the State Recovery Coordinator.

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member – Department of Communities – Linda Apelt

SDMG Member Deputy– Department of Employment, Economic Development and Innovation – Trevor Van Dam

SDMG Member – Department Education and Training – Julie Grantham

SDMG Member – Department of Environment and Resource Management – John Bradley

SDMG Member – Department of Justice and Attorney General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Iain Mackenzie

SDMG Member – Local Government Association of QLD – Greg Hallam

SDMG Member Deputy – Queensland Health – Jeannette Young

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. Bureau of Meteorology Presentation**

Mr Davidson provided a briefing on the current weather situation and the updated weather forecast.

Mr Stewart provided a briefing on the river system flood levels and predicted peaks over the coming days.

**Jim Davidson and  
Jim Stewart**



Both Mr Davidson and Mr Stewart answered question members and were thanked for their presentation.

s from the SDMG

The Deputy Mayor of Brisbane advised that the clearing of drains was expected to be completed late tonight or early tomorrow ahead of the forecasted storms for Brisbane.

### **3. State Disaster Coordinator – Situation Update**

**Deputy  
Commissioner Ian  
Stewart**

Deputy Commissioner Stewart advised the following:

20 people deceased

12 people missing (for whom grave fears are held)

Over 400 missing people have been located and identified

Deputy Commissioner Stewart invited reports from the various District Disaster Coordinators from various flood effect areas as follows:

#### **District Disaster Coordinator Ipswich – Superintendent Garth Pitman**

The Ipswich District Disaster Coordinator reported the following:

- There are 3 evacuation centres operating in Ipswich and 1 in Somerset which are expect to have 200 persons or less accommodated over night tonight.
- The various Community Recovery Centres are working exceptionally well with the issues of money storage on site being rectified (post risk assessment).
- The road network is operating well with a few minor traffic matters that are being addressed by local police.
- There were significant numbers of volunteers assisting in the clean up areas.
- 8 small communities still remain isolated as a result of the continuing releases from Wivenhoe Dam. They have been provided with power and food and are in regular communication with the various relevant agencies.

The representative from Ipswich Council, Mr Trevor Mardi, advised that they were currently identifying the numbers of residents who will be requiring temporary housing. He also added that the restoration of power (including the inspections of houses prior to connection) was now a priority and proceeding well.

Mr Tony Jacobs from the Somerset Local Disaster Management Group advised that there were still 3 communities isolated within their area. He advised that they had received the required equipment to sustain the communities and had a 10 day supply of food airlifted in.

The Fernvale Evacuation Centre is still operating but is only supplying meals to volunteers and residents of houses with no power.

The Lowood evacuation centre is currently in the school and will be moved to an alternate venue by Thursday (possibly the Lowood show grounds). This will allow enough time for the school to be cleaned ahead of the commencement of

classes today week.

When asked by the Premier which communities were still isolated Mr Mardi advised that the Lindville farming community with a population of 45 was isolated along with 2 smaller communities west of Harland with approximately 15 – 20 residents.

He advised that communications were in place via UHF radio, through the Rural Fire Service and contact between the relevant local families.

The ADF through Brigadier McLaghlan advised that the ADF are able to assist in resupply if required.

#### **District Disaster Coordinator Dalby– Inspector Michael Bianchi**

The District Disaster Coordinator for Dalby reported the following:

- The Mooney Highway at Dalby was open.
- 2 residents were evacuated and are staying in private accommodation.
- the town currently has 100% water capacity.
- In Chinchilla the evacuation centre is expected to remain open for a few more days while they look at the more medium to long term accommodation for those effected.
- The Warrego highway was open to traffic.
- In Condamine planning had commenced on repatriating the town on Wednesday morning once power and water had be re instated.

The Mayor of the Western Downs Regional Council advised that:

- The Mooney Highway was open but load restrictions were in place.
- They are still awaiting the peak at Condamine.
- Suitable places for helicopters to land and for the establishment of the flexible habitat to be erected (to accommodate support crew) had been sourced.
- The lofw of the river is substantially faster this time compared to early floods.
- A short tem Recovery Centre has been established.
- The ADF continue to provide air support with a team of 60 ADF members to be used in the clean up efforts.

#### **District Disaster Coordinator Toowoomba – Superintendent Brett Scharrerius**

The District Disaster Coordinator for Toowoomba reported the following:

- The searches continue with 95% of the foot search completed.
- Points of Interest that require further searching include the areas at Postman Ridge and Helidon where the focus is expected to be on the recovery of bodies.
- All assets have been redeployed to Grantham with a full time police presence in place along with temporary housing.
- Engineers are currently checking houses and will advise residents through the regional director of the Dept of Communities which residents will require medium to long term accommodation.



**District Disaster Coordinator Brisbane –  
Assistant Commissioner Peter Martin**

The District Disaster Coordinator for Brisbane reported the following:

- There are 180 persons in attendance at the RNA Showground Evacuation centre and 122 in the evacuation centre at QEII.
- They are hoping that these centres will be closed by Wednesday.
- An assessment of the evacuation centres has shown that there are very few true evacuees in residence (there are many homeless/students etc).
- Traffic congestion was a large concern with the impending return to work today but through the implementation of a major traffic plan which required a large number of recourses there were only minor disruptions throughout the day.
- Thanks to the efforts of Queensland Fire and Rescue Service / Queensland Police Service / Australian Defence Force and State Emergency Service worked the Rocklea Markets has been partially restored.
- Power resupply to the majority of the CBD has occurred with 16000 people without power as at 0900hrs.
- The survey of the Brisbane River is under with the Harbour Master reporting 1/3 of port capacity restored which includes the resupply of fuel.
- Public transport is working well with buses running fine with only a few restrictions of the Ipswich rail line. The City Cat service is still non operational.
- Operation Safe Guard starts tomorrow with the aim of building community confidence and safeguarding the effected areas.
- A strategic intelligence assessment was conducted to ensure that there were no residences overlooked (without contact and support in effected areas). The assessment showed that there was no evidence to suggest such isolated persons.

The Deputy Lord Mayor of Brisbane, Mr Graham Quirk advised that the engineering testing of the Coronation Drive infrastructure has been complete with all lanes now fully operational. He also advised the 770 traffic signals had been restored with 70 still off line (some due to power outages). The deputy advised that the resupply of food and fuel was a priority and with the Rocklea Markets now partially on line and the resupply of fuel through the Port of Brisbane recovery is continuing well.

**4. Agency Reports**

The Chair called for agency / utilities reports by exception:

**All Members**

**ENERGEX –  
Chris Arnold**

Mr Arnold advised that:

- ENERGEX are continuing to make progress with 4000 sites reconnected yesterday.
- Its anticipated that an additional 5000 to 6000 will be restored today.
- By close of business on Thursday 10000 – 15000 of houses will be deemed uninhabitable and unable to have power restored in the short term.



- There are currently 19000 residences without power and this is dropping at a steady rate.
- In the CBD there are 4 substations that are impacted with Stamford and Riverside buildings most difficult to reinstate.
- A good return to power has been established in the Lockyer Valley with Fernvale required to remain on generator power up until Thursday.
- The restoration to some assets in Grantham will be dependent on the rebuilding of some ENERGEX assets.
- The Master Electricians program (inspections of houses before restoration of power) is working well with 1000 electricians currently involved.

### **Telecommunications**

#### **Kim Graham – Optus.**

Mr Graham advised that 18 sites were still down, 9 were still under water with the remaining 9 expected to be up some time soon.

A mobile communication station has been deployed to the Lockyer Valley with mobile phones be provided to persons within the effected areas.

### **Water –**

#### **Director General Department of Environment and Resource Management – Mr John Bradley**

Mr Bradley advised that;

- Somerset and North Pine Dams are at 100%
- Wivenhoe is currently at 117%
- There have been a few complaints about low water pressure at Mt Ommaney.
- There has been a report of ecoli and poor water quality but that is being investigated.

### **Department of Transport and Main Roads**

#### **Director General Mr Dave Stewart**

Mr Stewart advised that:

- the Royal Australian Navy had commenced work in the Brisbane River; and
- it is anticipated that the first product tanker will be allowed access tomorrow.

### **Queensland Health**

#### **Director General Mick Reid**

Dr Jeannette Young advised that:

- Evacuees from Goondiwindi will be returning to their residences tomorrow and that Theodore has been restored.
- All other hospitals are operational and returning to normal.
- The vaccination program has seen 3500 conducted in hospitals and 2500 conducted by GP's.
- Nurses are also being placed into some recovery centres.
- Public health messages continue to be circulated.



**Department of Education and Training**  
**Director General Julie Grantham**

Mrs Grantham advised that:

- The status report on schools will be provided on Wednesday, around lunch and will then be part of a media release at 3pm.
- Schools will be starting back on the 24th January with contingency plans for four schools (Brassall, Rocklea, Milperra and Milton).

**Department of Public Works**  
**Director General Mal Grierson**

Mr Grierson advised that:

- 8 building were out in the CBD; and
- 9 buildings still out in Ipswich.

**Department of Communities**  
**Director General Linda Apelt**

The Mrs Apelt advised;

- there are currently 62000 volunteers registered with volunteering Queensland; and
- the recovery centres all appear to be working well.

**Australian Defence Force**  
**Brigadier Paul McLachlan**

Brigadier McLauchlan advised:

- There were currently 1550 ADF staff deployed to the regional in support of the flood response and recovery.
- There will be 1700 by the end of the week.
- 700 are in the Brisbane area.
- 340 in the Ipswich area which will grow by 150 by Wednesday.
- 230 in the Lockyer Valley.
- Additional staff are in the Dirranbandi / Condamine /St George areas.
- The Navy mine sweeper arrived today and is working on surveying the north west passage.
- Engineering liaison officers will be deployed to help in Somerset.

**Department of the Premier and Cabinet**  
**Brad Smith**

Mr Smith advised that the National Crisis Committee met earlier today and will continue to provide support to all jurisdictions. The Commonwealth through Emergency Management Australia has offered to work as a broker of requests for assistance and offers of help.



## **5. Premiers Address**

The Premier addressed the group and articulated that:

- A *Commissions of Inquiry Order (no 1) 2011* has been launched into the 2010/2011 flood events.
- The Honourable Justice Catherine Holmes has been appointed as the Commissioner for the inquiry with Mr James O'Sullivan AC and Mr Phillip Cummins as deputies to the commission.
- The Commission has been ordered in recognition to the size of the event, the loss of life and community concerns.
- The commission will look at the following:

*Preparation, Planning and Response by Local, State, Federal  
Governments*

*Early warning and forecasting*

*Dam operations (release strategies)*

*Performance of insurance companies*

*Local area planning / construction in flood prone area*

\*a copy of the Commissions of Inquiry Order (no. 1) 2011 and the Terms of Reference were to be circulated post meeting via email to all SDMG members.

- This is not a criticism about what we have done. It will identify what we did well and what we can do better.
- The Commissions of Inquiry interim report is due pre storm season 1 August 2011 with the final report due 17 January 2012 (of course these dates can be changed if required).

Graham Hallam, Local Government Association of Queensland advised that they will provide support to Justice Homes.

Mr Philip Reed, Department of Justice and Attorney General also mentioned that there will be close liaison between the Coroner who is undertaking the coronial inquest and the Commission.

## **6. Chairs Address**

The Chair thanked the following people:

- The **State Disaster Coordinator, Deputy Commissioner Ian Stewart** and noted that this is the first time we have had a State Disaster Coordinator and Deputy Steward provided clear direction and clarity in the conduct of his role
- The **Executive Officer of the State Disaster Management Group, Assistant Commissioner Brett Pointing** and noted the seamless transition from Emergency Management Queensland to Queensland Police Service
- The **Chair of the State Disaster Coordination Group, Chief Superintendent Alistair Dawson** and noted his dedication to the task and professionalism throughout this event.
- The **Secretariat of the State Disaster Management Group, Ms Deb Watkins.**

- Ms **Peta Robertson** for her knowledge and support provided to the State Recovery Coordinator and Emergency Management Queensland.

The chair thanked all of the SDMG Members and ADF for their continuing hard work and dedication.

### **7. Future Meetings**

The Chair noted that for the foreseeable future there is a requirement for the Deputy Commissioner Mr Ian Stewart to remain on as the State Disaster Coordinator. The decision to stand down the State Disaster Coordinator will be made through consultation with the State Disaster Coordinator, State Recovery Coordinator, Commissioner of Police and the Chair of the SDMG.

– Chair

The State Disaster Coordinator is to contact the Chair if he feels there is a matter that warrants the calling of a SDMG meeting.

The Chair noted that he would take his lead from the State Disaster Coordinator as to the requirement to call an extraordinary meeting in the interim and as such no further SDMG meeting dates have been proposed at this time.

### **8. Meeting Closed**



## Attendance Sheet

Meeting Date: Monday 17th January 2011

Time: 5 pm

Venue: Board Room

Queensland Emergency Operations Centre  
 Level 3 Disaster Management Centre  
 Emergency Services Complex  
 Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	TELECONFERENCE
	Deputy Premier and Minister for Health	Paul Lucas MP	TELECONFERENCE
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	APOLUGY
	Department of the Premier and Cabinet Chairperson	Ken Smith	
	Department of Community Safety Deputy Chairperson	Jim McGowan	
	Department of Communities	Linda Apelt	
	Department of Education and Training	Julie Grantham	
	Department of Employment, Economic Development and Innovation	Ian Fletcher Irene Van Dam	
	Department of Environment and Resource Management	John Bradley	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Ian Mackenzie	
	Local Government Association of Queensland	Greg Hallam	
Other Attendees	Queensland Health	Mick Reid	APOLUGY
	Queensland Police Service	Bob Atkinson	
	Queensland Treasury	Gerard Bradley	
	Recovery Task Force Commander Australian Defence Force	Mick Slater	
	State Disaster Coordinator Queensland Police Service	Ian Stewart	
	State Recovery Coordinator Emergency Management Queensland	Bruce Grady	
	SDMG Executive Officer Queensland Police Service	Brett Pointing	
	SDMG Secretariat Queensland Police Service	Deb Watkins	
	XO and Secretariat Support Officer Queensland Police Service	Richard Hahn	
	State Disaster Coordination Group (chair) Queensland Police Service	Alistair Dawson	





## Attendance Sheet

Australian Defence Force	Paul McLachlan	
Bureau of Meteorology	Jim Davidson	
Bureau of Meteorology		
Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Don Blechley	
Queensland Health	Jeannette Young	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Department of Education and Training	Graham Atkins	
Queensland Fire and Rescue Service	Lee Johnson	
Local Government Association of Queensland	Greg Hoffman	
ENERGEX	Chris Arnold	
ENERGEX	Ron Watson	
District Disaster Coordinator Brisbane	Peter Martin	*Teleconference ✓
District Disaster Coordinator Toowoomba	Brett Schafferius	*Teleconference ✓
District Disaster Coordinator Warwick	Greg Morrow	*Teleconference ✓
District Disaster Coordinator Ipswich	Garth Pitman	*Teleconference ✓
District Disaster Coordinator Dalby	Michael Bianchi	*Teleconference ✓
Lord Mayor Brisbane City Council	Campbell Newman	*Teleconference
Mayor of Ipswich Council	Paul Pisasale	*Teleconference
Mayor of Somerset Regional Council	Graham Lehmann	*Teleconference
Mayor of Lockyer Valley Council	Steve Jones	*Teleconference
Mayor of Goondiwindi	Graeme Scheu	*Teleconference
Mayor Western Downs Regional Council	Ray Brown	*Teleconference
<i>Red Cross</i>	<i>Sarah Keet</i>	
<i>COILONTAID</i>		
<i>Queensland Ambulance Service</i>	<i>CHRIS HUMPHREY</i>	
<i>TERRY EFFENEY</i>	<i>ENERGEX</i>	
<i>John Booth FESA - WA</i>	<i>John Booth</i>	
<i>EMO</i>	<i>MINE SHAWANO</i>	
<i>QFRS.</i>	<i>JOHN MITCHELL</i>	
<i>Optus</i>	<i>Kim GRAHAM</i>	
<i>Optus</i>	<i>Noel Jarrett</i>	
<i>LGAO</i>	<i>GREG HOFFMAN</i>	
<i>TF-R</i>	<i>LECOL SUE GRAHAM</i>	
<i>TASKFORCE</i>	<i>CHRIS AUSTIN</i>	



**State Disaster Management Group  
Extraordinary Meeting Minutes  
10 am Friday 21 January 2011**

Queensland Emergency Operations Centre (QEOC) Board Room  
Level 3  
Disaster Management Centre  
Emergency Services Complex Kedron  
Corner of Kedron Park Road and Parks Road, Kedron

**Responsible  
Agency**

**1. Welcome and Apologies**

Chair

The Chair welcomed:

The Premier of Queensland, the Hon Anna Bligh MP

The Minister for Police, Corrective Services and Emergency Services, the Hon Neil Roberts MP

The Chair welcomed State Disaster Management Group (SDMG) members and their respective agency representatives.

The Chair also welcomed Bureau of Meteorology representatives:

Mr Jim Davidson

Mr Jim Stewart

A quorum was achieved at this meeting through attendance by SDMG Members or appointed SDMG Member Deputies as follows:

SDMG Member – Department of the Premier and Cabinet - Ken Smith

SDMG Member – Department of Community Safety - Jim McGowan

SDMG Member Deputy – Department of Communities – Bette Kill

SDMG Member Deputy– Department of Employment, Economic Development and Innovation – Trevor Van Dam

SDMG Member Deputy– Department Education and Training – Graham Atkins

SDMG Member – Department of Environment and Resource Management – John Bradley (via teleconference)

SDMG Member – Department of Justice and Attorney General – Philip Reed

SDMG Member – Department of Public Works – Mal Grierson

SDMG Member – Department of Transport and Main Roads – David Stewart

SDMG Member – Emergency Management Queensland – Iain Mackenzie

SDMG Member – Local Government Association of QLD – Greg Hallam (via teleconference)

SDMG Member Deputy – Queensland Health – Jeannette Young

SDMG Member – Department of Infrastructure and Planning – Graeme Newton

## **2. The Premiers Address**

**The Premier**

The Premier addressed the group and acknowledged that for nearly one month the SDMG have been overseeing the management of this disaster and she thanks all those present and the people within their departments for all of their hard work. The Premier noted that this disaster not only tested our systems but tested the entire state as well. She acknowledged that it was now time to formally move from response to recovery and on behalf of herself and the people of Queensland she thanks all those involved.

## **3. Bureau of Meteorology Presentation**

**Jim Davidson and  
Jim Stewart**

Mr Davidson provided a briefing on the current weather situation and the updated weather forecast.

Mr Stewart provided a briefing on the river system flood levels and predicted peaks over the coming days.

Both Mr Davidson and Mr Stewart answered questions from the SDMG members and were thanked for their presentation.

## **4. State Disaster Coordinator – Situation Update**

**Deputy  
Commissioner Ian  
Stewart**

Deputy Commissioner Stewart advised the following:

- 20 people deceased (for Brisbane/Toowoomba and Lockyer Valley)
- 9 people missing (for whom grave fears are held)
- 489 missing people have been located and identified
- Since 30 Nov till 10 January 13 further flood related deaths
- Total number of death since 30 November - 33 deceased

Deputy Commissioner Stewart invited Chief Superintendent Alistair Dawson to provide an update on the current situation of the following towns:

Dalby / Condamine / Roma / Mungindi / Hebel / Thallon / Surat / St George / Dirranbandi / Brisbane / Ipswich / Toowoomba / Theodore and Rockhampton.

Deputy Commissioner Stewart thanked all those in attendance and their



relevant agency staff for the efforts and support they provided to the disaster response effort and to him in his capacity as the State Disaster Coordinator.

The Chair noted that he had undertaken discussion with the Premier, Minister for Police, Emergency and Corrective Services and the Commissioner of Police and they were all in agreement that it was time to move forward from response and as such paper work will now be drawn up to officially stand down Deputy Commissioner Ian Stewart as the State Disaster Coordinator.

## **5. Summary of Disaster Response**

**XO SDMG**

The Executive Officer for the SDMG, Assistance Commissioner Brett Pointing, provided a summary of events to date. This covered the period of time from 8 December where the first Bureau of Meteorology presentation on the impending storm season was provided to the SDMG up to this current situation. The XO drew upon statistics (that were yet to be validated officially) collected during the event to highlight the scale of this event.

The Chair has requested that all agencies who have relevant flood related statics provide them to the Executive Officer (via email) for collection and collation.

**XO**

## **6. Recovery Arrangements**

**Chair**

The Chair articulated that after the events on 10<sup>th</sup> January in the Lockyer Valley, Brisbane and Ipswich the task of recovery grew substantial and now includes a larger element of reconstruction. In order to ensure the Emergency Management Queensland can continue to provide a response in light of the possibility of another event occurring and in light of the magnitude of the recovery (especially the duration it is expected to span) after discussion with the Director General Department of Community Safety the decision was made to stand down the position of the State Recovery Coordinator currently held by the Assistant Director General Emergency Management Queensland Mr Bruce Grady.

The Chair spoke of the government move to establish a Reconstruction Authority with staff already working on drafting the relevant legislation. Cabinet are considering membership of the Queensland Reconstruction Authority Board which is to be chaired by Major General Mick Slater. SDMG Member and Director General of Department of Infrastructure and Planning, Mr Graeme Newton, will be taken off line as part of the authority board and will be replaced by Paul Low who will be Acting Director General for the foreseeable future. The Federal Government have also been asked to nominate a member to be represented on the Authority. The Authority will have legislative power under the State Development and Public Works Act and be responsible for prioritising, coordinating, funding and monitoring all recovery and reconstruction work.

It was noted that recovery efforts are to continue under the current arrangements until the authority has been fully established.

The Director General Department of Infrastructure and Planning provided the members with a brief "first draft" outline of the structure of the Authority and its reporting responsibilities (see attached) and gave a explanation about the various functional cells and their core business.

It was requested that each department provide a senior liaison officer who is able to speak on behalf of their department's Director General to be part of the

Authority structure.

The Chair expressed that the governance arrangements need more clarity and that work on this will occur on a full time basis as of Monday 24 January.

The Premier raised the issue of numerous 1800 help and assistance numbers currently in place to aid the community in the recovery phase and asked if this could possibly be streamlined to a single number under the new authority arrangements (if not substantially reduced).

Graeme Newton took this point on board for further follow up

## **7. Agency Reports**

The Chair called for agency / utilities reports by exception:

**All Members**

### **ENERGEX –**

Mr Arnold advised that the resupply and reconnection of power to Queensland was going well. He advised that there were 1000 customers with supply issues, in the areas of Oxley, Archerfield, Sumner Park and Yeerongpilly. There were 2870 that have power supply available but currently have a defence notice and are awaiting the relevant electrical work to be completed before it is safe to reinstate the supply. There are 571 with a form 2 providing clearance for reconnection and this is expected to occur by close of business today. Energex advised that they have 470 crews in the field with the capacity of completing 1400 jobs.

There are still several premises within the CBD without power but this is not a supply issue but a reconnection issue as major electrical work needs to be undertaken to make it safe to reinstate the power.

The Rocklea markets are expected to be off generator power by tomorrow

### **Water –**

**Director General Department of Environment and Resource Management –  
Mr John Bradley**

Mr Bradley advised that;

- Operations at the Lockyer Valley treatment plant were intermittent but that was not due to problems with the pump but with the fluctuating water levels.
- Mt Crosby Treatment Plant will be off line due to a high level of turbidity. Once the levels reduce the plant will be brought back on line. Reservoir supplies will be used in the interim.

### **Queensland Treasury**

**Mr John O'Connell**

Mr O'Connell advised:

That the Director General was currently meeting with the Minister with regards to streamlining the funding application process for urgent work that must be undertaken. Outcomes of this process will be forward to members out of session.

**Department of Justice and Attorney General**  
**Director General Mr Philip Reed**

Mr Reed tabled a paper entitled “*coverage for post flood recovery volunteers under Queensland’s Workers’ Compensation Scheme*”

The members noted the compensation coverage arrangement for government employees and community volunteers working on Queensland Government managed flood recovery projects with agreement with the Department of Communities to enter into a contract of insurance to provide compensation coverage for community volunteers working on Queensland government managed flood recovery.

**Queensland Health**  
**Director General Mick Reid**

Dr Jeannette Young advised that:

- All hospitals are operational and returning to normal.
- Mental health response teams have been identified and may be needed for a period of up to 2 years.
- Environment health officers have been deployed throughout the state.
- Assistance has been provided from other states in the areas of mental health and environmental health.
- Queensland Health is working closely with GPs as a number of rarer medical conditions are appearing as a result of the floods.

**Department of Education and Training**  
**Mr Graham Atkins**

Mr Atkins advised that:

- There are 3 schools that won’t be opening on Monday 24th January (Milton, Rocklea and Milperra), but all students will be accommodated in alternate venues.
- The department is working on expectation managements as some of the schools are without carpets / cupboards etc but are safe and fully operational.

**Department of Communities**  
**Mrs Bette Kill**

The Mrs Kill advised:

- There are currently 543 Department of Communities staff, 182 Red Cross Staff and 114 Life Line staff working in Recovery Centres or Out Reach programmes throughout the state.
- Medium and Long term housing issues were still being addressed.
- The Minister is announcing this morning “mortgage relief” and “rental assistance” for flood effected Queenslanders.

**Australian Defence Force**  
**Nathan Archer – Chief of staff to Brigadier Paul McLachlan**



Nathan Archer advised:

- The ADF had made excellent progress in Brisbane with a reduction in numbers to occur over the coming days.
- The survey of Moreton Bay by the Royal Australian Navy is continuing with an additional smaller naval vessel being deployed today to assist in the clearing of the Brisbane River.
- ADF are increasing their numbers in Grantham with the Brigadier to visit the area tomorrow.

## **8. Other Business**

The Premier spoke with the CEO of the Local Government Association of Queensland, Greg Hallam, about getting the Queensland mayors together late next week for a planning meeting to discuss the reconstruction arrangements and how it related to them.

**Premier / LGAQ**

Greg Hallam also advised that the Governor had proposed a reception for regional mayor and councils on or around 14 March 2011.

Director General, Department of Public Works, raised the issue of price extortion and noted an instance of a local builder reporting that he had been charged \$400 per hour for a general service. The premier noted that a summary of fair and reasonable prices be placed on the reconstruction web site and in addition perhaps an add in the Courier Mail.

## **9. Future Meetings**

The Chair noted that unless there was a need for the group to respond to another event, the SDMG would not need to met again in the foreseeable short term. As such no further SDMG meeting dates have been proposed at this time.

**Chair**

## **10. Meeting Closed**



## Attendance Sheet

Meeting Date: Friday 21 January 2011

Time: 10 am

Venue: Board Room

Queensland Emergency Operations Centre  
 Level 3 Disaster Management Centre  
 Emergency Services Complex  
 Corner of Kedron Park Road and Parks Road, Kedron

Quorum = 8 Permanent Members

\* via teleconference

	Agency	Attending	Signature
Members	Premier of Queensland	Anna Bligh MP	
	<del>Deputy Premier and Minister for Health</del>	<del>Paul Lucas MP</del>	
	Minister for Police, Corrective Services and Emergency Services	Neil Roberts MP	
	Department of the Premier and Cabinet <i>Chairperson</i>	Ken Smith	
	Department of Community Safety <i>Deputy Chairperson</i>	Jim McGowan	
	Department of Communities <i>SDMG Deputy Member</i>	Bette Kiill	
	Department of Education and Training <i>SDMG Deputy Member</i>	Graham Atkins	
	Department of Employment, Economic Development and Innovation <i>SDMG Deputy Member</i>	Trevor VanDam	
	Department of Environment and Resource Management	John Bradley	
	Department of Infrastructure and Planning	Graeme Newton	
	Department of Justice and Attorney General	Philip Reed	
	Department of Public Works	Mal Grierson	
	Department of Transport and Main Roads	Dave Stewart	
	Emergency Management Queensland	Ian Mackenzie	
	Local Government Association of Queensland	Greg Hallam	* TELECONFERENCE
	Queensland Health <i>SDMG Deputy Member</i>	Jeannette Young	
Other Attendees	Queensland Police Service	Bob Atkinson	APOLOGY
	Queensland Treasury	Apologies JOHN O'GARRA	
	<del>Recovery Task Force Commander</del> <i>Australian Defence Force</i>	<del>Mick Slater</del>	
	State Disaster Coordinator <i>Queensland Police Service</i>	Ian Stewart	APOLOGY
	State Recovery Coordinator <i>Emergency Management Queensland</i>	Bruce Grady	
	SDMG Executive Officer <i>Queensland Police Service</i>	Brett Pointing	
	SDMG Secretariat <i>Queensland Police Service</i>	Deb Watkins	



## Attendance Sheet

XO and Secretariat Support Officer <i>Queensland Police Service</i>	Richard Hahn	
State Disaster Coordination Group (chair) <i>Queensland Police Service</i>	Alistair Dawson	
Australian Defence Force	Nathan Archer	
Bureau of Meteorology	Jim Davidson	
Bureau of Meteorology <i>JAMES STUART</i>	<del>Peter Baddiley</del>	
Department of the Premier and Cabinet	Brad Smith	
Department of Transport and Main Roads	Don Blechley	
Department of Infrastructure and Planning	Michael Kinnane	
Emergency Management Queensland	Peta Robertson	
Queensland Treasury	John O'Connell	
Queensland Fire and Rescue Service	Lee Johnson	
Local Government Association of Queensland	Greg Hoffman	<i>074630462</i>
ENERGEX	Chris Arnold	
ENERGEX <i>TERRY EFFANEY</i>	<del>Ron Watson</del>	
Red Cross	Greg Goebel	
Queensland Ambulance Service	Chris Broomfield	
EMQ	<i>MINE SHAPLAND</i>	
EMA	<i>James Gustus</i>	
<i>FIRE - EMERGENCY SERVICES AUTHORITY WA</i>	<i>JOHN BURCHER</i>	
<i>RED CROSS</i>	<i>GREG GOEBEL</i>	
<i>DEPARTMENT OF COMMUNITY SAFETY</i>	<i>PHIL NICKERSON</i>	
<i>QUEENSLAND AMBULANCE SERVICE</i>	<i>CHRIS BROOMFIELD</i>	
<i>PREMIERS OFFICE</i>	<i>KIMBERLEY GARD</i>	

## Karen Cowell

---

**From:** Best Debbie [REDACTED]  
**Sent:** Saturday, 8 January 2011 4:20 PM  
**To:** Ken Smith  
**Subject:** FW: Temporary waste storage site in Theodore

Ken

DP has asked questions of Min Jones and Mick Reid re this issue. We r working with what Council and police want but we think a couple of people want to dump rubbish locally. Council do not want this to happen.

Debbie

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

**From:** Birchley Michael  
**To:** Best Debbie  
**Sent:** Sat Jan 08 16:09:36 2011  
**Subject:** FW: Temporary waste storage site in Theodore

Debbie

I have spoken with Matt Glover from the Local Disaster Management Group. Matt is the Banana Shire Chief Environmental Officer and had the Mayor with him.

Matt also explained said that Council wants residents to use the skip bins that it has organised. Council has asked residents to place their rubbish on the footpath and is collecting it into the skips bins every two to three hours. He says the Mayor supports this approach.

He is happy with the approval provided by DERM for a temporary transfer facility at Theodore Airport if required.

Matt thought that the concern may be coming from some residents who want to dump rubbish themselves locally, however he was clear that this is not Council's desired approach and that Council has no concerns with DERM.

I have spoken with Alastair Dawson who understood the situation and agreed with the approach being taken by Council. He was going to brief up accordingly.

Mike

Mike Birchley  
Acting Assistant Director-General  
Regional Service Delivery  
Dept of Environment and Resource Management  
Telephone: 07 [REDACTED]  
Mobile: [REDACTED]  
Email: [REDACTED]

---

**From:** Arnold Don  
**Sent:** Saturday, 8 January 2011 3:10 PM  
**To:** Birchley Michael  
**Cc:** Pappalardo Joe  
**Subject:** FW: Temporary waste storage site in Theodore

G'day Mike

Further to our discussion, see below the proposal that Banana Shire Council put forward which I verbally agreed to. I can say the BSC Environmental Health Officers (John McDougall was extremely happy that we supported their proposal. If the aerodrome was sealed bitumen then I would consider possibly relaxing the requirement for plastic lining. However in such circumstances I like to see someone in attendance during dumping hours to support some separated of waste streams and ensure monitoring at the transfer station/temp landfill in regard to regulated waste ie oils waste, chemical drums etc.

Cheers .... Don

Don Arnold  
[REDACTED]

Incident Hotline - 1300 130 372

---

From: Wogandt, Brendan [REDACTED]  
Sent: Friday, 7 January 2011 9:49 AM  
To: Arnold Don  
Cc: Emergency; Curtis, Gregory; McDougall, John  
Subject: Temporary waste storage site in Theodore

Don,

Due to recent flooding throughout the Theodore Township and the inaccessibility of the Theodore Landfill, Banana Shire Council proposes to construct a temporary site for storing waste resulting from flood damage.

Council proposes to construct this facility at the Theodore Aerodrome. The disposal area will be fully enclosed by a 1m high soil bund and double lined with black plastic. Any rainfall that accumulates within the bunded area will be pumped out as needed by a licensed operator and disposed of appropriately to a licensed facility.

From this location, the waste will be removed and transported to Trap Gully Landfill in Biloela. The facility will then be dismantled - bunding soil and plastic lining will also be removed to Trap Gully - and the area will be returned to its original condition.

Council will be submitting a Voluntary Transitional Environmental Program which will further outline the steps to be taken should this option be implemented.

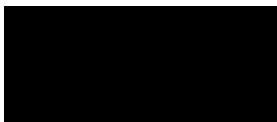


Regards,

Brendan Wogandt

Environmental Officer

Banana Shire Council



Ph (07



Fax (07




---

Banana Shire Council Bronze Partner - Year of Women in Local Government -  
<http://lgwomen2010.org.au/> <<http://lgwomen2010.org.au/>>

---

DISCLAIMER

---

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. This communication may represent the originator's personal views and opinions, which may not necessarily reflect those of Banana Shire Council. If you are not the intended recipient or the person responsible for delivering the e-mail to the intended recipient, be advised that you have received this e-mail in error, and that any use, dissemination, forward, printing, or copying of this e-mail is strictly prohibited. If you received this e-mail in error, please immediately notify the Banana Shire Council IT Help Desk on 

---

+-----+  
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

+-----+

**Karen Cowell**

---

**From:** Best Debbie [REDACTED]  
**Sent:** Sunday, 9 January 2011 10:17 AM  
**To:** kate.jones [REDACTED] stephen.robertson [REDACTED] Ken Smith  
**Cc:** Lance McCallum; Karen Robinson; Nicola Hazell  
**Subject:** FW: Summary Notes on Power Station Issues  
**Attachments:** Summary of Power Station Issues - 8 January 2011.doc; ATT730296.txt

Ministers, Ken

This is an update on the three power stations and the current situation with the rain. We are working with them to assist with their issues by using the increased flow rates without compromising environmental standards. We will keep you informed of the situation.  
Debbie

+-----+  
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  
+-----+

## **Summary Notes on Callide, Kogan Creek and Darling Downs Power Stations - 8 January 2011**

### **1. Callide Power Station - CS Energy**

- Callide Power Station is a coal fired power station located near Biloela in Central Queensland.
- The power station's operator CS Energy has advised DERM that the station's ash dam is anticipated to overflow due to recent rain.
- On the evening of Friday 7 January 2011 the operator lodged with DERM a Transitional Environmental Program (TEP) for discharge from the ash dam. The proposal is for the discharge to occur in conjunction with releases from the adjacent Callide Dam managed by SunWater in order to achieve appropriate dilution.
- DERM has been providing advice to the operator regarding the matter for some time and has commenced assessment of the TEP as a matter of priority given anticipated overflow of the ash dam. Initial assessment is that dilution rates proposed by the operator may not meet DERM requirements. Any releases will discharge into Callide Creek which is a recharge source for nearby downstream aquifers that are used for irrigation, stock and town/domestic supply purposes.

### **2. Kogan Creek Power Station - CS Energy**

- Kogan Creek Power Station is a coal fired power station located on the Darling Downs near Chinchilla and adjacent to Kogan Creek which is a tributary of the nearby Condamine River.
- DERM is dealing with two issues at Kogan Creek Power Station; an anticipated overflow of the ash dam and a request to discharge water from dams associated with the power station's coal mine.
- On 6 January 2011 DERM received a TEP for the discharge of water from the mine dams. The mine operator's objective is to provide capacity to de-water the mine pit for coal production. DERM understands that at the present time the power station has approximately seven days coal supply remaining. DERM is assessing the TEP as a matter of priority and cognisant of the coal supply outlook for the power station.

- On the evening of Friday 7 January 2011 DERM received a TEP in relation to potential discharge from the power station's ash dam. DERM will assess the TEP as a matter of priority, though initial review indicates that further information is required from the operator.

### 3. Darling Downs Power Station - Origin Energy

- Darling Downs Power Station is a gas fired power station located west of Dalby.
- Reverse osmosis (RO) treatment of groundwater is used to supply the power station's operating requirements for water. The resultant waste water is transported by road to an alternative storage site.
- Due to a flood related road closure, the waste water has not been able to be trucked off site and the operator has advised that it has had to turn off the RO plant and only has treated water for approximately two to three days generation. The operator shut down the power station on 31 December 2010 to conserve the available waste water storage. If requested to recommence generation by the electricity market operator and still be unable to truck waste water off site, Origin Energy is seeking to discharge waste water to a nearby watercourse.
- A preliminary draft TEP was received by DERM on Friday 7 January 2011, under which the operator is proposing to release about 90 kilolitres of waste water per day to an actively flowing stream to ensure that waste water storage is kept at manageable levels. Required water quality data and other information are yet to be provided to DERM by the operator. DERM will seek the required information from the operator as soon as possible and will assess the TEP as a matter of priority.

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Saturday, 8 January 2011 10:10 AM  
**To:** 'debbie.bes [REDACTED]'  
**Subject:** Re: Water Grid operations update: 8/1/11

Thanks Deb. Let Dan know his analysis was quite helpful.

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

**From:** Best Debbie <[REDACTED]>  
**To:** Ken Smith  
**Sent:** Sat Jan 08 09:52:47 2011  
**Subject:** Fw: Water Grid operations update: 8/1/11

A summary of impacts

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

**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 January 2011 9:28 AM  
**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  
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.robertson@ [REDACTED]  
Lance McCallum [REDACTED]  
[REDACTED] Tim Watts [REDACTED]  
[REDACTED] Geoff Stead [REDACTED]  
<geoff.stead@ [REDACTED]>; lauren.sims [REDACTED]  
[REDACTED] Best Debbie; Martin.Peter [REDACTED]  
<Martin.Peter [REDACTED]> Dunn.KerryG [REDACTED]  
<Dunn.KerryG [REDACTED]>  
Cc: Rob Drury [REDACTED] mfoster [REDACTED]  
< [REDACTED]> edia @ [REDACTED] Brown Damien; Reilly Bob;  
Madgwick.Darren [REDACTED] Denner Scott @ [REDACTED]  
[REDACTED]  
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

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

+-----+  
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  
+-----+

-----  
This email is intended only for the addressee. Its use is limited to that intended by the author at the time and it is not to be distributed without the author's consent.

Unless otherwise stated, the State of Queensland accepts no liability for the contents of this email except where subsequently confirmed in writing. The opinions expressed in this email are those of the author and do not necessarily represent the views of the State of Queensland. This email is confidential and may be subject to a claim of legal privilege.

If you have received this email in error, please notify the author and delete this message immediately.

-----

-----

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Saturday, 8 January 2011 4:23 PM  
**To:** 'debbie.best'; Mick Reid  
**Subject:** Re: Temporary waste storage site in Theodore

Debbie

I think we are all tasked with this. See my text under separate cover

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

**From:** Best Debbie  
**To:** Ken Smith  
**Sent:** Sat Jan 08 16:19:45 2011  
**Subject:** Fw: Temporary waste storage site in Theodore

Ken

DP has asked questions of Min Jones and Mick Reid re this issue. We r working with what Council and police want but we think a couple of people want to dump rubbish locally. Council do not want this to happen.

Debbie

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

**From:** Birchley Michael  
**To:** Best Debbie  
**Sent:** Sat Jan 08 16:09:36 2011  
**Subject:** FW: Temporary waste storage site in Theodore

Debbie

I have spoken with Matt Glover from the Local Disaster Management Group. Matt is the Banana Shire Chief Environmental Officer and had the Mayor with him.

Matt also explained said that Council wants residents to use the skip bins that it has organised. Council has asked residents to place their rubbish on the footpath and is collecting it into the skips bins every two to three hours. He says the Mayor supports this approach.

He is happy with the approval provided by DERM for a temporary transfer facility at Theodore Airport if required.

Matt thought that the concern may be coming from some residents who want to dump rubbish themselves locally, however he was clear that this is not Council's desired approach and that Council has no concerns with DERM.

I have spoken with Alastair Dawson who understood the situation and agreed with the approach being taken by Council. He was going to brief up accordingly.

Mike

Mike Birchley  
Acting Assistant Director-General  
Regional Service Delivery  
Dept of Environment and Resource Management  
Telephone:  
Mobile:  
Email: michael.birchley

---

From: Arnold Don  
Sent: Saturday, 8 January 2011 3:10 PM  
To: Birchley Michael  
Cc: Pappalardo Joe  
Subject: FW: Temporary waste storage site in Theodore

G'day Mike

Further to our discussion, see below the proposal that Banana Shire Council put forward which I verbally agreed to. I can say the BSC Environmental Health Officers (John McDougall) was extremely happy that we supported their proposal. If the aerodrome was sealed bitumen then I would consider possibly relaxing the requirement for plastic lining. However in such circumstances I like to see someone in attendance during dumping hours to support some separated waste streams and ensure monitoring at the transfer station/temp landfill in regard to regulated waste ie oils waste, chemical drums etc.

Cheers .... Don

Don Arnold  
[REDACTED]

Incident Hotline - 1300 130 372

---

From: Wogandt, Brendan [mailto:[REDACTED]]  
Sent: Friday, 7 January 2011 9:49 AM  
To: Arnold Don  
Cc: Emergency; Curtis, Gregory; McDougall, John  
Subject: Temporary waste storage site in Theodore

Don,

Due to recent flooding throughout the Theodore Township and the inaccessibility of the Theodore Landfill, Banana Shire Council proposes to construct a temporary site for storing waste resulting from flood damage.

Council proposes to construct this facility at the Theodore Aerodrome. The disposal area will be fully enclosed by a 1m high soil bund and double lined with black plastic. Any rainfall that accumulates within the bunded area will be pumped out as needed by a licensed operator and disposed of appropriately to a licensed facility.



From this location, the waste will be removed and transported to Trap Gully Landfill in Biloela. The facility will then be dismantled - bunding soil and plastic lining will also be removed to Trap Gully - and the area will be returned to its original condition.

Council will be submitting a Voluntary Transitional Environmental Program which will further outline the steps to be taken should this option be implemented.

Regards,

Brendan Wogandt

Environmental Officer

Banana Shire Council

PO Box 412

BILOELA QLD 4715

Ph

Fax

---

Banana Shire Council Bronze Partner - Year of Women in Local Government -  
<http://lgwomen2010.org.au/> <<http://lgwomen2010.org.au/>>

---

DISCLAIMER

---

This e-mail and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom they are addressed. This communication may represent the originator's personal views and opinions, which may not necessarily reflect those of Banana Shire Council. If you are not the intended recipient or the person responsible for delivering the e-mail to the intended recipient, be advised that you have received this e-mail in error, and that any use, dissemination, forward, printing, or copying of this e-mail is strictly prohibited. If you received this e-mail in error, please immediately notify the Banana Shire Council IT Help Desk on

+-----+  
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  
+-----+

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 2:58 PM  
**To:** Mick Slater; Bruce Grady; Linda Apelt; Fletcher, Ian; John Bradley  
[REDACTED] 'Best Debbie'; Mal Grierson; 'MACDONALD Natalie';  
'david.m.stewart'; [REDACTED] 'jack.z.noye'; [REDACTED]  
**Cc:** Patrick Vidgen; Brad Smith; Nicholas Elliott  
**Subject:** FW: Queensland Floods - Australian Government nominees [SEC=UNCLASSIFIED]  
**Attachments:** Queensland Floods - AusGov nominees.docx  
**Importance:** High

### Colleagues

Please find attached the list of Commonwealth reps on each of the Taskforce and sub- committee structures. Please make direct contact with the representatives in your respective areas.

Regards

**Ken Smith**  
Director-General  
[Department of the Premier and Cabinet](#)

Phone: [REDACTED]  
Mobile: [REDACTED]  
Email: [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

---

**From:** Lewis, Duncan [REDACTED]  
**Sent:** Monday, 10 January 2011 8:16 AM  
**To:** Ken Smith  
**Cc:** Venkataraman, Rajan; Nicholls, Tom  
**Subject:** FW: Queensland Floods - Australian Government nominees [SEC=UNCLASSIFIED]  
**Importance:** High

Ken,

As promised, attached is the list of Australian Government nominees for the Queensland Flood Recovery Taskforce and the five Taskforce Sub-committees.

As we discussed, I am, on your advice, still calculating whether we need an Australian Government nominee for the State Disaster Management Group and will advise in the next day or two.

I'd be grateful if you could let us know the logistical arrangements for the groups – e.g., their meeting schedule and contact points.

Regards,

---

**IMPORTANT:** This message, and any attachments to it, contains information that is confidential and may also be the subject of legal professional or other privilege. If you are not the intended recipient of this message, you must not review, copy, disseminate or disclose its contents to any other party or take action in reliance of any material contained within it. If you have received this message in error, please notify the sender immediately by return email informing them of the mistake and delete all copies of the message from your computer system.

---

### Queensland Floods – Coordination and Governance Arrangements - Australian Government nominees

Body	Nominee	Title	Contact details
Queensland Flood Recovery Taskforce	Campbell Darby DSC AM	Director General Emergency Management Australia Attorney-General's Department	Ph: [REDACTED] Email: [REDACTED]
State Disaster Management Group	TBC	TBC	TBC
Community Support, Health and Well-being Sub-committee	Anne-Marie Roberts	Indigenous Coordination Centre Manager Townsville (Acting Queensland State Manager until 17 January) Department of Families, Housing, Community Services, and Indigenous Affairs	Ph: (07) [REDACTED] Mobile: [REDACTED] Email: [REDACTED]
Economic Recovery and Employment Sub-committee	Catherine O'Sullivan	State Manager Queensland Department of Education, Employment and Workplace Relations	Ph: (07) [REDACTED] Mobile: [REDACTED] Email: [REDACTED]
Environment Sub-committee	Barbara Jones	Assistant Secretary Environmental Assessment Branch Department of Sustainability, Environment, Water, Population and Communities	Ph: [REDACTED] Email: [REDACTED]
Housing and Reconstruction sub-committee	Kirsty Faichney	Acting Assistant Secretary Policy Priorities Department of Regional Australia, Regional Development and Local Government	Ph: [REDACTED] Mobile: [REDACTED] Email: [REDACTED]
Roads and Transport Sub-committee	Lyn O'Connell	Deputy Secretary Nation Building, Surface Transport Policy, Policy and Research Department of Infrastructure and Transport	Ph: [REDACTED] Email: [REDACTED]





## Karen Cowell

---

**From:** Gina O'Driscoll [Barry.Dennien] on behalf of Barry Dennien  
**Sent:** Monday, 10 January 2011 12:23 PM  
**To:** Ken Smith  
**Subject:** FW: Wivenhoe Dam release strategy  
**Attachments:** Technical Situation Report W37.docx  
**Importance:** High

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.
- 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]

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.

**Disclaimer**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W36	Date of TSR release	10.1.2011	Time of TSR release	8am
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Continue increasing releases to discharge flood waters but keep impact downstream to minimum.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>All bridges are now inundated .</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected around 1,500,000ML which is close to 1974 event.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Rainfall

Moderate to heavy rainfall has been recorded in the Upper Brisbane and Stanley Rivers in the last 12 hours with totals up to 90 mm. Totals for the last 24 hours range from 100 to 325mm.

Mt Glorious recorded 100 mm in the last 12 hours.

Rainfall of similar magnitudes is expected in the 12 to 24 hours around the downstream catchments as the system tracks south.

A severe weather warning remains current for heavy rainfall in the dam catchment areas.

### North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level was 39.97 m and steady. Five gates are open releasing 475 m<sup>3</sup>/s. The inflow into the dam since the commencement of the event is 52,000 ML. Estimated event volume is 72,000 ML assuming no further rainfall. Gate operations will continue until at least Tuesday 11 January 2011.

### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level at 05:00 was 102.84 m AHD and rising (storing 193,000 ML above FSL). Peak inflow to the dam is estimated to be about 4,200 m<sup>3</sup>/s based on observed rainfall and could be as high as 5,000m<sup>3</sup>/s with additional forecast rainfall. Five sluice gates are open releasing about 1,100m<sup>3</sup>/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam lake level will reach about 103.5 m AHD on Monday afternoon. Areas around Kilcoy will continue to be adversely affected.

Since the commencement of the event on 02/01/2011 approximately 142,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This is expected to increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday.



### **Wivenhoe Dam (Full Supply Level 67.00 m AHD)**

River levels upstream of the dam have peaked and are falling slowly with significant inflow being generated from the intense heavy rainfall. Flows in the Brisbane River at Gregor's Ck have peaked at 7,350m<sup>3</sup>/s at 23:00 on Sunday 9 January. This peak is bigger than January 1974 and February 1999 at this location.

The dam level is rising quickly, with the current level being 70.77m AHD (storing 450,000 ML). Estimated peak inflow to the dam just from the Upper Brisbane R is around 8,800m<sup>3</sup>/s and, at this stage, the dam will reach at least 73.3 m AHD during Tuesday morning. Given the rapid increase in inflow volumes, it was necessary to start to increase the release from Wivenhoe during Monday morning.

The objective for dam operations will be to minimise the impact of urban flooding in areas downstream of the dam and, at this stage, the aim is to keep combined flows in the lower Brisbane to 3,500m<sup>3</sup>/sec if possible. Consistent with the approved Operating Procedures, these target combined flows may need to be increased to 4,000m<sup>3</sup>/s, and potentially higher. In either case, this is significantly less than the current estimated combined pre-dam peak inflow of 12,000 m<sup>3</sup>/s.

Fernvale Bridge approaches and Mt Crosby Weir Bridge have been inundated and both bridges are now closed.

The current release rate from Wivenhoe Dam is around 2,000m<sup>3</sup>/s (172,000ML/day). Gate opening will continue to be increased during Monday and the release is expected to increase to at least 2,600m<sup>3</sup>/s in the next 12 to 24 hours and further depending on downstream flows..

Since the commencement of the event on 02/01/2011 approximately 275,000ML has been released from the dam, with an event total approaching 1,600,000ML without further rain and as much as 2,100,000ML with forecast rainfall of (both including Somerset outflow). At this stage, releases will continue until at least Sunday 16<sup>th</sup> January 2011.

### **Impacts downstream of Wivenhoe Dam**

The projected Wivenhoe Dam releases combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam. If the predicted rainfall eventuates in the downstream tributary catchments the resultant combined flows in the lower Brisbane may exceed the threshold of damaging discharge in the urban areas within the next 24 to 48 hours. Currently the estimate peak flow in the lower Brisbane River will be the highest since Wivenhoe Dam was completed in 1984 but still well below flows the 1974 levels.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

### **Outlook**

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate rapidly over the next 24 hours. The flood operation centre will continue to monitor the situation and provide every six hours until the situation stabilizes.

Seqwater Technical Officer name

Robert Drury



Seqwater Technical Officer position title	Dam Operations Manager

### BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

### Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator

**SRC Technical Officer contact details**

Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time		or Event	Change in strategy
--------------	------	-----------	------	--	----------	--------------------

## Karen Cowell

---

**From:** Gina O'Driscoll [REDACTED]  
**Sent:** Monday, 10 January 2011 12:23 PM  
**To:** Ken Smith  
**Attachments:** Water\_Grid\_FS\_Wivenhoe\_Somerset\_Dams.pdf

**Barry Dennien**  
Chief Executive Officer  
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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



# Wivenhoe and Somerset Dams

Providing water supply and flood control for South East Queensland

## A FEW FACTS

Wivenhoe Dam was built in response to the 1974 floods and is an award-winning feat of hydrological and structural engineering.

Connected to Wivenhoe Dam, Somerset Dam was completed in 1959. In the event of heavy rains, which may cause Somerset Dam to reach capacity, water is released downstream from Somerset to Wivenhoe Dam.

On top of storing 1.15 million megalitres of precious drinking water, Wivenhoe Dam can also store an additional 1.45 million megalitres, equal to 2.5 times the volume of Sydney Harbour. This additional space is known as the dam's flood storage compartment and works to hold back the flood waters which gather in the Brisbane Valley. These flood waters can threaten Brisbane after heavy weather events.

The flood storage compartment at Wivenhoe Dam temporarily stores flood water and releases it at a controlled rate to minimise downstream impacts. Flood levels along the Brisbane River and in the Ipswich and Brisbane urban areas would be much higher without the support of Wivenhoe and Somerset dams.

The Wivenhoe Dam wall is designed to withstand an extreme flood event, much worse than anything on record to date.

In a flood event similar to 1974, there would still be a large amount of local flooding in and around the Ipswich and Brisbane regions, simply due to the heavy local rainfalls. However, water levels along the Brisbane River would be reduced due to the mitigating impacts of Somerset and Wivenhoe dams.

### Wivenhoe Dam Flood Storage Compartment



If it wasn't for Wivenhoe and Somerset dams, a considerable number of people, properties and infrastructure could be at an even greater risk of serious flooding. These dams are a crucial component of South East Queensland's flood mitigation plan and something Queenslanders can be proud of.

### Spectacular pictures – but why does Wivenhoe Dam have to release stored flood water?

South East Queensland has a weather pattern that often sees prolonged or multiple rain events in close succession.



As soon as Wivenhoe Dam's flood storage compartment begins to fill, it has to be carefully emptied in order to make room for additional heavy rainfall events that may occur. Wivenhoe Dam's flood storage compartment can fill in less than three days following heavy rainfall. This highlights the need for strategic management of dam levels. Controlled releases consider the following flood factors: catchment runoff below the dam wall, urban runoff and river levels.

Following heavy rainfall in October 2010, Wivenhoe Dam received inflows equivalent to almost half the flood storage compartment capacity - in just a few days.

Wivenhoe Dam controls 50 per cent of the Brisbane catchment. It is therefore possible for Brisbane to flood from other sources such as rainfall in the catchment below the dam wall.

A fundamental principle in the management of Wivenhoe Dam is that all floodwater should be released within seven days. This means the greater the volume received in the flood storage compartment, the greater the discharge required.

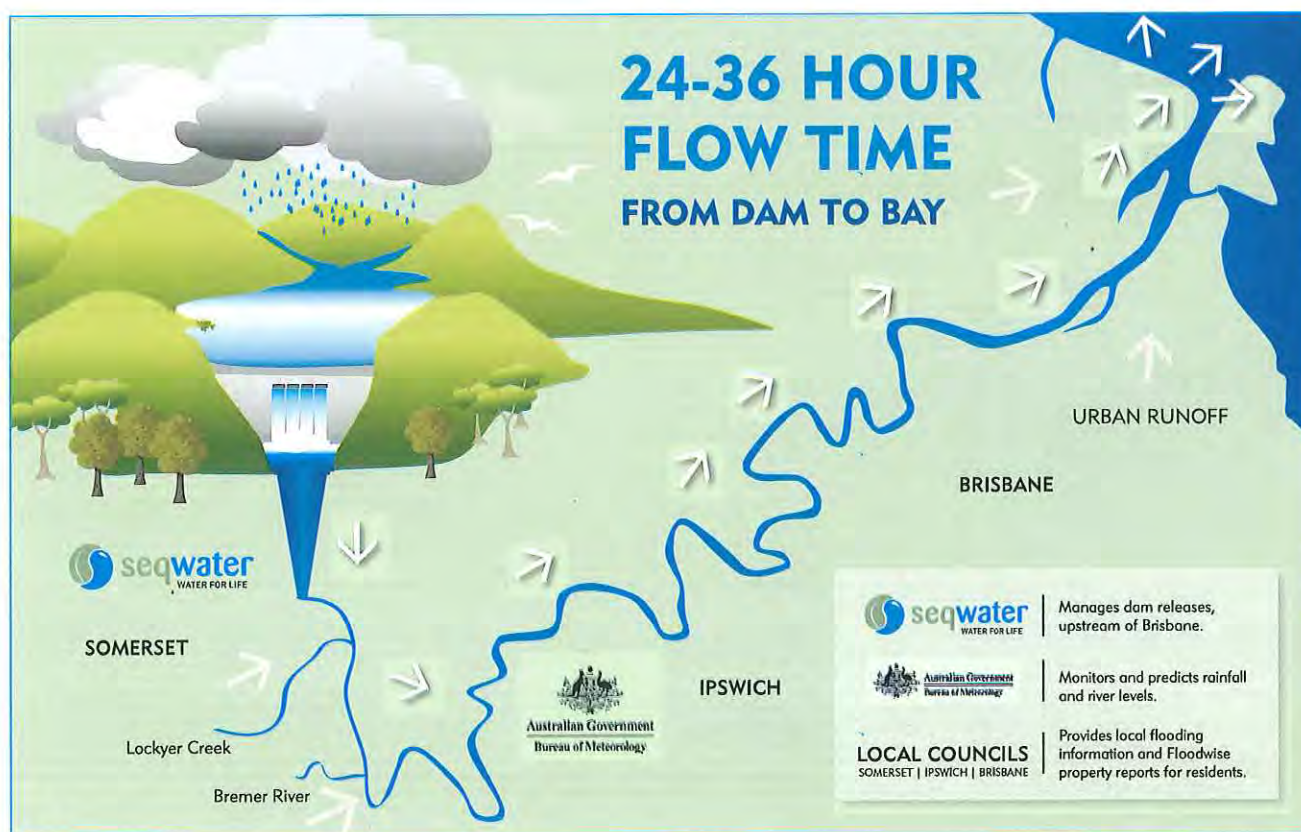
safe

secure

sustainable

[www.watergrid.com.au](http://www.watergrid.com.au)





## How are the releases managed?

Before Wivenhoe Dam begins a controlled release from its flood storage compartment, a dedicated 24-hour Flood Operations Centre is activated. The specific purpose of the centre is to manage any potential impacts of releases downstream.

The actions of the Flood Operations Centre are guided by a Flood Mitigation Manual. The Queensland State Government, local councils and relevant emergency services are consulted before the water releases from dams take place, to ensure communities are warned and can take all necessary precautions.

The amount of water released from Wivenhoe Dam depends on the level of water inside the flood storage compartment, as well as the incoming flows and downstream tributaries.

During a major flooding event, the SEQ Water Grid Manager, Seqwater (the dam operators), the Bureau of Meteorology and local councils work together to formulate recommendations. Members of the public and relevant emergency services are then advised on how to best manage impending localised flooding.

Rainfall is continually monitored throughout all South East Queensland catchments during a flood event. The Bureau of Meteorology provides rainfall forecasts to Seqwater who then monitor the surrounding catchments.

Together with weather predictions, a comprehensive network of river sensors, providing real-time data, work to inform the basis for a formulated schedule of controlled dam releases. The schedule works to ensure the maximum protection from flooding in urban areas is achieved.

Based on the weather forecast from the Bureau of Meteorology, and Seqwater's decisions to release water from Wivenhoe Dam, councils then work with residents regarding local area impacts. Councils know their areas best and work to advise residents about road and bridge closures, as well as local flooding.

The following priorities are considered when determining how much water is to be released from Wivenhoe Dam, and at what capacity:

- the structural safety of the dam
- maximising protection from flooding in urbanised areas
- minimising disruption to rural industries along the Brisbane River and Stanley River valleys
- minimising impacts to flora and fauna during the water release phase of a flood event
- the ability to retain the dam at full supply level at the conclusion of a flood event.

## How do I find out further information?

For more information on the status of dam levels and Water Grid recreation sites visit [www.watergrid.com.au](http://www.watergrid.com.au)

For information on local flooding, including road closures, contact your local council or visit their website.

safe

secure

sustainable

[www.watergrid.com.au](http://www.watergrid.com.au)



## Karen Cowell

---

**From:** Barry Dennien [REDACTED]  
**Sent:** Monday, 10 January 2011 4:48 PM  
**To:** Ken Smith  
**Subject:** Brisbane impacted areas

Ken

Still waiting for Brisbane (Col) to send through the impacted areas with the anticipated 4000 cumecs river flow.

I will send through ASAP

**Barry Dennien**  
Chief Executive Officer  
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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

**Karen Cowell**

---

**From:** Barry Dennier [REDACTED]  
**Sent:** Monday, 10 January 2011 6:14 PM  
**To:** Ken Smith  
**Attachments:** Impacts of Wivenhoe releases (DRAFT).docx

Ken

As discussed

Regards

**Barry Dennier**  
Chief Executive Officer  
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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



**10 JANUARY 2011**

## **IMPACTS OF WIVENHOE RELEASES ON LOCAL SUBURBS**

Built in response to the 1974 floods, Wivenhoe Dam's key role is to protect Brisbane City and other communities downstream from major flooding.

Wivenhoe Dam is currently holding back flood waters equivalent to about two times the volume of Sydney Harbour. Without this support from Wivenhoe Dam, current weather patterns would have resulted in huge amounts of water having already inundated large areas of Ipswich, Brisbane and surrounding areas.

Over the past 24 hours, the catchments for Wivenhoe and Somerset dams have received upwards of 300 millimetres of rainfall, seeing dam inflows similar to those experienced in the 1974 floods.

Current inflows into Wivenhoe Dam are approximately 1,032,000 megalitres per day and the dam is now sitting at approximately 153 per cent.

With all five gates open, Wivenhoe Dam is now releasing 170,000 megalitres per day, which is the largest daily release since the dam was built.

The Water Grid operators continue to work closely with relevant local councils and government authorities regarding these controlled releases.

The release of water from Wivenhoe Dam is strictly guided by an established Flood Mitigation Manual.

Wivenhoe Dam controls 50 per cent of the Brisbane catchment, therefore downstream flooding can be heavily influenced by rainfall below the dam.

However, with the forecast for continued rain and the unprecedented releases expected to continue, there will be an impact on property in the Somerset, Brisbane and Ipswich regions.

In Brisbane there is the potential for water entering properties and some households. Affected areas may include low-lying areas of Windsor, Albion, Newstead, Bowen Hills, East Brisbane, River Hills, Oxley Creek, Carindale, Tingalpa, Bulimba Creek, Hemmant and Rocklea.

Affected roads may include Milton Road, Butterfield Street, Waterloo and Ross Street in Newstead, Sandgate Road at Albion and Windsor's Northey Street.

In Ipswich, the Bremer River is expected to peak Tuesday afternoon, 11 January with a height of 12.7 metres. This peak is primarily due to localised flooding, however the higher levels in the Brisbane River, due to Wivenhoe releases, are impacting the localised flooding as well.

Approximately 300 properties will be affected with some houses experiencing inundation.

Importantly, we must release this water safely to be able to store the expected substantial inflows coming with more severe weather.



**Karen Cowell**

---

**From:** Colin Jensen [REDACTED]  
**Sent:** Tuesday, 11 January 2011 9:27 AM  
**To:** Barry.Dennier [REDACTED] dan.spille [REDACTED] Ken Smith  
**Cc:** Chris Lavin; John Cowie; Vicki Pethybridge  
**Subject:** BCC Innundation Maps for 5000m3/s  
**Attachments:** 5000 m3 Brisbane East.pdf; 5000 m3 Brisbane South.pdf; 5000 m3 Brisbane West.pdf; 5000 m3 Whole of Brisbane.pdf

+ = + = + = + = + = + = + = + = + = + = + = + = + = + = + = + = + = + = \*

Place: LDCC

+ = + = + = + = + = + = + = + = + = + = + = + = + = + = + = + = + = + = \*

Gentlemen

Please find attached our flood maps for river flows of 5,000 cumecs FYI. I will also provide a list of suburbs and streets when I have it to hand.

I note the preliminary advice from BOM is to start our consideration of a 6,000 cumec event for Thursday

Regards

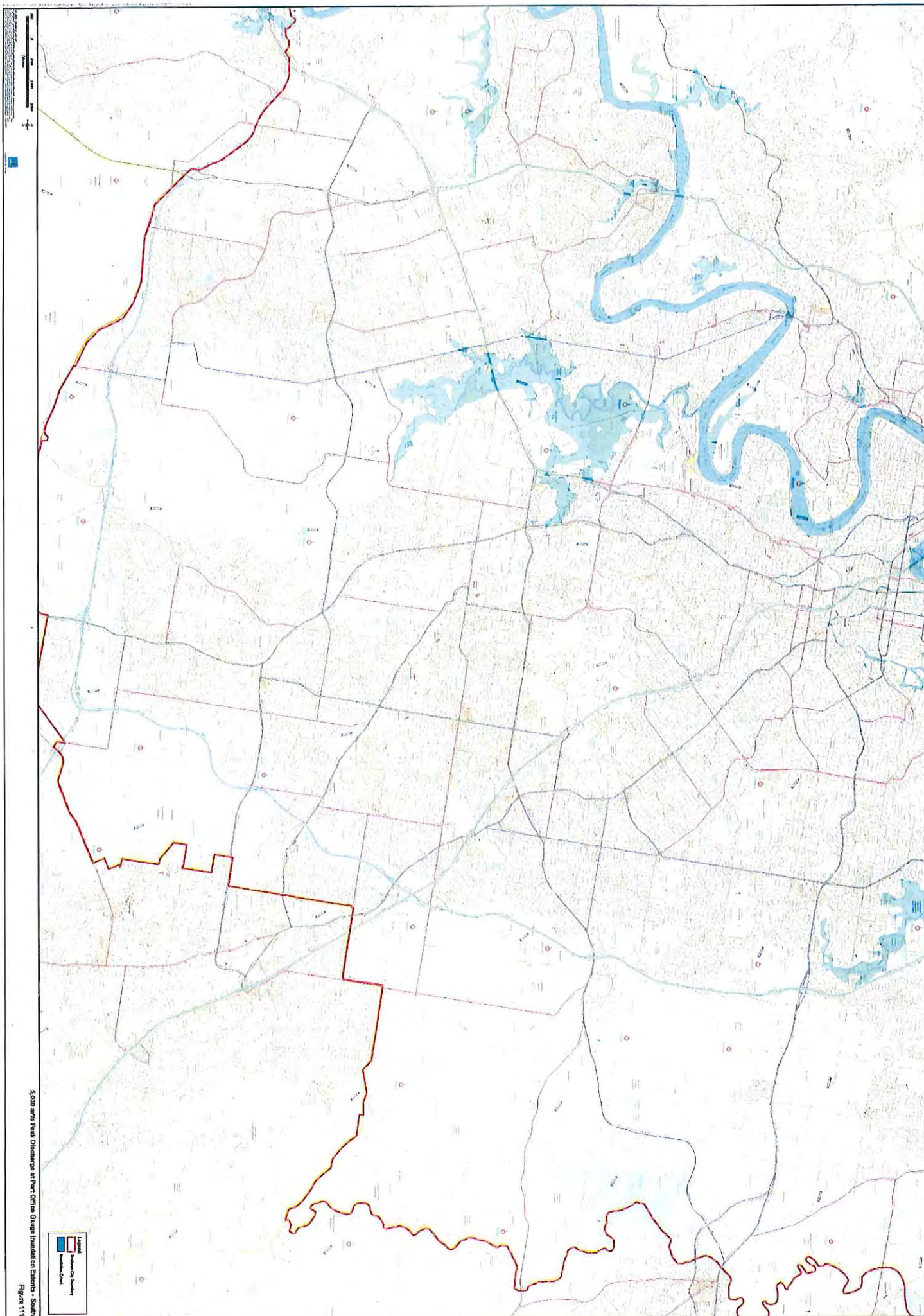
Colin Jensen  
Chief Executive Officer  
Brisbane City Council  
GPO Box 1434 | Brisbane Qld 4001  
Level 23, Brisbane Square | 266 George Street, Brisbane, Qld 4000  
Phone: [REDACTED]  
Email: [REDACTED]

---

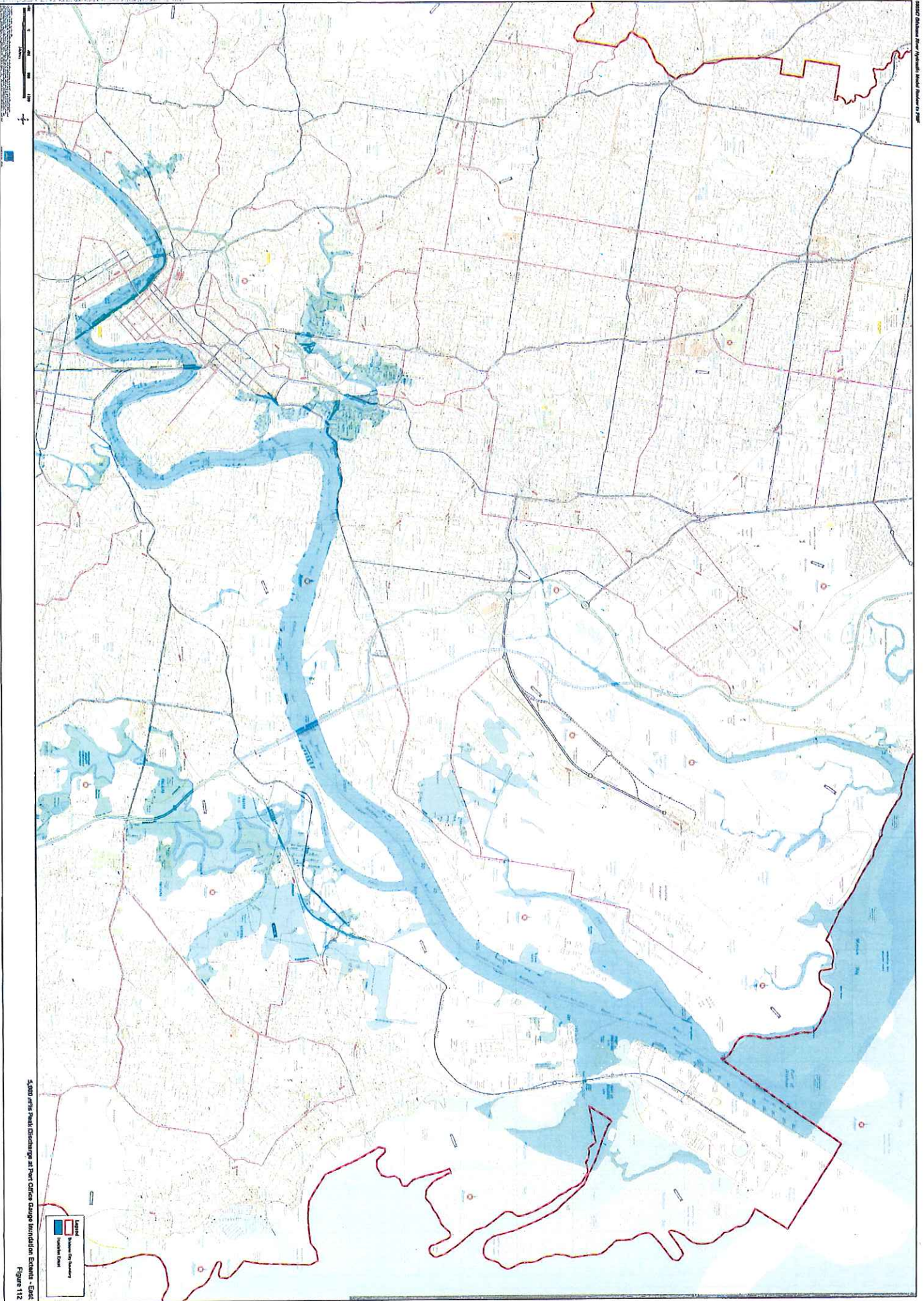
This message has passed through an insecure network.  
Please direct all enquiries to the message author.

---



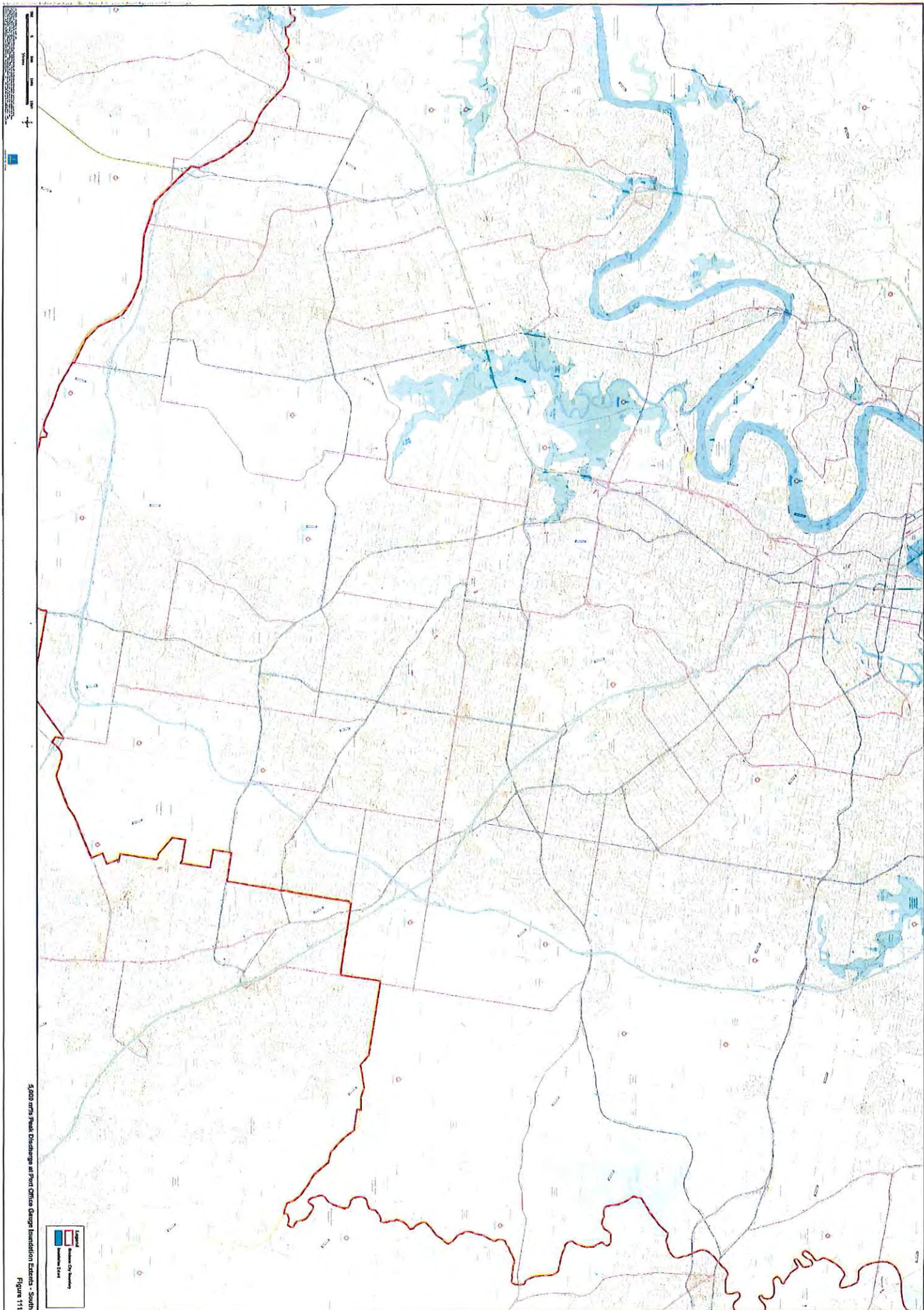






5,000 cfs Peak Discharge at Fort Collins Gauge Inundation Extents - East  
Figure 112





5,000 cfs Peak Discharge at Port Office Gauge Location - South  
Figure 111







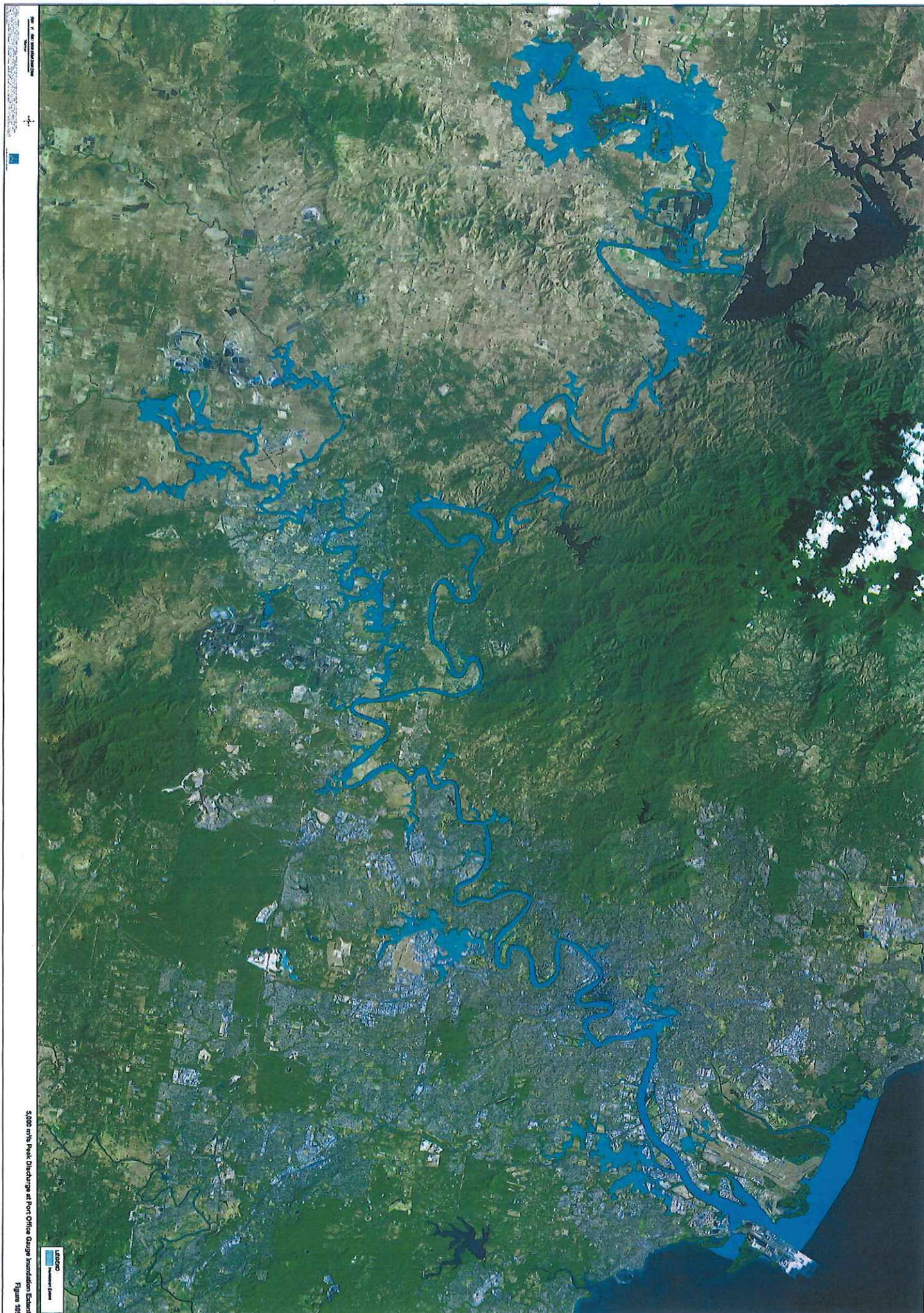


Figure 300: 5,000 cfs Peak Discharge at Port Office Gauge Inundation Extent



## Karen Cowell

---

**From:** Shelley Banks [REDACTED]  
**Sent:** Tuesday, 11 January 2011 9:01 AM  
**Subject:** SEQ Water Grid Media Report 11 January 2011  
**Attachments:** SEQ Water Grid Media Report - 11 January 2011.pdf

Please see attached today's media report. Coverage over the past 24 hours includes the following:

### State Government

- Authorities fear the Brisbane River could flood later this week. Anna Bligh, Queensland Premier says the Wivenhoe Dam has so far protected the city from a repeat of 1974. Also mentions Toowoomba flooding (ABC 612, Hot Tomato, Australian Financial Review, ABC Melbourne, ABC Sydney, Channel 7 Melbourne, Sky News)

### Local Government

- Interview with Graham Quirk, A/Lord Mayor regarding the Brisbane River rising. Mentions that Wivenhoe releases will have an impact on river levels (4BC)
- Brisbane Lord Mayor, Campbell Newman, held a press conference regarding expected flooding in Brisbane. Mentions that Wivenhoe is currently protecting the city (ABC 612)
- Interviews with Brisbane Lord Mayor, Campbell Newman, regarding flooding and the SMS early warning system. Mentions Wivenhoe protecting the city and that Seqwater has to release the water from the dam (ABC 612, 4BC, Triple M)
- Kilcoy and Toogoolawah have been cut off by flood waters. Somerset Regional Council is holding emergency meetings. Mention of concerns for towns around Wivenhoe (ABC 612, 4KQ)
- Email from Norman Park resident who is frustrated getting information from Brisbane City Council and Seqwater (4BC)
- Interviews with Ipswich Mayor, Paul Pisasale, who says the city is on flood alert and mentions Wivenhoe opening the gates again (4BC, Queensland Times)
- The water storages in Toowoomba are almost full for the first time in 12 years (ABC Western Queensland, WIN Toowoomba)
- Parts of Esk have been hit by flash flooding this afternoon. Graeme Lehmann, Councillor, Somerset Regional Council, says some areas are cut off by dam releases (ABC 612)
- Multiple stories regarding the extreme flash flooding in Toowoomba (4BC, ABC Canberra, 4KQ, 4GR, Australian, Courier Mail, Toowoomba Chronicle, Channel 9, Channel 10, ABC Sydney, Channel 7 Sydney, ABC Sydney)
- Peter Taylor, the Mayor of the Toowoomba Shire Council explains that they have established Toowoomba Regional Council Disaster Control Centre and shares the number that residents can call to make contact (ABC Southern Queensland)
- Toowoomba Region Council is asking Toowoomba residents to boil water prior to use (4GR)

### SEQ Water Grid

- Multiple stories on releases from Wivenhoe Dam including interviews with Barry Dennien, inflows into the dam, flood levels in South East Queensland, dam levels, local road closures and flood warnings (ABC Southern Queensland, ABC 612, 4BC, 4KQ, ABC Canberra, River FM, Gold FM, Triple M, Nova, B105, Courier Mail, Brisbane Times, AAP, Australian, Queensland Times, Sky News, Channel 9, Channel 10, Channel 7, Channel 7 Sydney).
- Letter to the editor regarding releases from Leslie Harrison Dam causing damage to the Capalaba Greyhound Club (Bayside Bulletin)

## SEQ Distributor-retailer

- Mobile pumps and tankers have been deployed across the Sunshine Coast to ensure the sewage network continues to function adequately. Unitywater says the rainfall has infiltrated the network affecting pumps in the region (Mix 92.7, SEA FM)
- Unitywater is holding a community information day on 15 January (Caboolture Shire Herald, Sunshine Coast Daily)

Regards

Shelley

### Shelley Banks

Senior Communications Officer

SEQ Water Grid Communications Unit

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



Swimming in weirs and  
flowing water is FA

**rethink**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## Karen Cowell

---

**From:** Elaina Smouha [REDACTED]  
**Sent:** Tuesday, 11 January 2011 11:42 AM  
**To:** Ken Smith  
**Cc:** Barry Dennien  
**Subject:** FW: Brian Cooper - CV  
**Attachments:** BrianCooperCV09122010.pdf

Ken

Attached is a copy of the consultant's CV, Brian Cooper, who we intended to engage for the independent Flood Manual review.

Please let Barry or I know if you have any queries.

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

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



# Brian Cooper

Dams Engineer

## Qualifications & Affiliations

Short courses on finite element analysis, embankment dam engineering, earthquake engineering. Published technical papers – ICOLD, ANCOLD and I.E. Aust. Attended dam safety course at USBR (Denver, USA) in 2002

Bachelor of Engineering (B.E. Hons), 1968 and Master of Engineering Science (M.Eng.Sc.), 1971

University of New South Wales

Graduate Diploma of Engineering Management, 1994 Deakin University

F.I.E. Aust., C.P.Eng. RPEQ

## Expertise

Brian has approximately 40 years experience in investigation and design of major dams, weirs and hydraulic structures, having started his career designing farm dams and small irrigation schemes. He retired from NSW Department of Commerce in 2005. Brian now works as a private consultant specialising in dams engineering and fish passage at dams and weirs. He has a special interest in risk assessment and computer modelling in general and the seismic analysis of dams in particular. Engineering software (concrete dam stability analysis and flood routing) written by Brian is still used extensively in the Dams & Civil Group of the Department of Commerce. He also has particular experience with concrete dams and the use of post tensioned ground anchors for strengthening those dams. He was a member of the Australian National Committee on Large Dams (ANCOLD) Working Group that developed guidelines for 'Design of Dams for Earthquakes' and a member of the Working Group that revised the guidelines for 'Risk Assessment for Dams'. He has been a guest lecturer for a number of years (most recently in 2009) on concrete dam engineering for the University of NSW post graduate Embankment Dam Engineering Course, and on the history of dams in NSW at Sydney University.

He has been the project director and project manager for a number of feasibility studies, design reviews, site investigations and detail design consultancies for major dams and weirs including the direction and co-ordination of all specialist services including dambreak studies, preparation of dam safety emergency plans and risk assessments. He is currently an expert reviewer for a number of Australian water authorities and consultants (State Water Corporation (NSW), Hydro Tasmania, SunWater (Queensland), Brisbane City Council, Goulburn-Murray Water, Goulburn Valley Water, WA Water Corporation, Southern Rural Water (Victoria), URS, GHD, Hobart Water, NT PowerWater, and TrustPower (NZ)). He has also worked as a sub-consultant for a number of consulting firms (URS, MWH, GHD).

Brian is the Engineers Australia representative for the NSW Dams Safety Committee (the dam safety regulator in NSW) and is currently the Chairman of that organisation. He has been a member of the Murray Darling Basin Authority's Fish Passage Task Force which advises inter alia on the installation of fishways on the Murray River as part of the Living Murray Program.

Brian is a registered engineer in Queensland (RPEQ No. 6819). He started his own consulting business in 2008, advising on dam safety, dam design and analysis, dam risk assessments and dam upgrades as well as fish passage for dams. He is providing specialist advice through *Brian Cooper Consulting* as a sole trader.



## Professional Experience

2008 to Present: *Principal of Brian Cooper Consulting*

- 2010 Five yearly comprehensive dam safety inspection of Carcoar Dam (double curvature arch dam).  
Internal reviewer to URS (Melbourne) on concept design of regulator structures and associated fishways for the Hipwell Road project for watering the Gunbower Forest  
Specialist adviser to Melbourne Water – valve behaviour on Sugarloaf Dam pipeline, structural behaviour of pumping station floor slab and pump bases at Cardinia Dam Pumping Station  
Commenced work as member of ANCOLD working group re-writing the Earthquake Guidelines – responsible for re-writing sections relating to concrete dams.  
Continuing involvement with Alluvium in the design of the weir upgrade and the new fishway for Booligal Weir.  
Continuing external peer review services to State Water Corporation for the detail design of new auxiliary fuse plug spillways for Copeton and Chaffey Dams, detail design of raising and post tensioned strengthening of Keepit Dam, detail design of upgrade works for Wyangala Dam, finite element analysis of Carcoar Dam (double curvature arch dam).  
Further work with GHD (Perth) on risk assessment for Serpentine Dam.  
Continuing involvement with Hydro Tasmania, as Chair of external review panel for Catagunya Dam.
- 2009 Part of URS' comprehensive inspection team for Melbourne Water's Maroondah Dam.  
Part of URS' business risk assessment team for Southern Rural Water's Cowwarr and Maffra Weirs.  
Part of Alluvium's design team upgrading Booligal Weir and providing a fishway at the weir, for State Water Corporation.  
Part of GHD's design team for Lower Fitzroy River Infrastructure Project designing fishways for Rookwood and Eden Bann Weirs near Rockhampton in Queensland.  
Project Manager on behalf of SA Water and reviewer for study into vibration of a crane rail beam at Lock 5 on the River Murray.  
Expert reviewer for State Water Corporation for 3D finite element analysis of Carcoar Dam (double curvature arch dam).  
Internal reviewer for URS on Laanecoorie Dam Upgrade.  
Expert reviewer for State Water Corporation for risk assessments for Oberon and Rydal Dams.  
Member of GHD's Serpentine Dam risk assessment team for WA WaterCorp.  
Expert reviewer for SunWater in Queensland for the comprehensive risk assessment undertaken for Fairbairn Dam and Coolmunda Dam.  
Expert reviewer for State Water Corporation for major upgrade works at Keepit, Copeton, Chaffey and Wyangala Dams.  
Appointed as Chairman of the NSW Dams Safety Committee (the dam safety regulator in NSW).  
Provided external peer review for Goulburn Valley Water, on Nine Mile Creek Dam Upgrade.  
Internal reviewer for URS (Adelaide) for Lake Victoria Outlet Regulator options studies.  
Provided advice to URS (Melbourne) on the Mildura Weir Fishway design.  
Member of expert panel advising State Water Corporation on revised dam surveillance regime.  
Part of Ecosmart bid team - prepared concept designs for fish passage facility at proposed Wyaralong Dam in Queensland.  
Continuing expert review role for Catagunya Dam upgrade.
- 2008 Started as a private specialist dams consultant - *Brian Cooper Consulting*.  
Worked through the URS Corporation for the USBR and the USACE in developing a risk toolbox for lined spillways.  
Advised TrustPower in New Zealand on replacement of post tensioned anchors at Mahinerangi No. 1 Dam.  
Adviser to State Water Corporation and to URS on further upgrade works for Hume Dam.  
Provided specialist advice to WA Water Corporation on Wellington Dam post tensioning.  
Peer reviewer on behalf of URS for Warren Dam in South Australia.  
Part of URS team carrying out portfolio risk assessment of Melbourne Water's dams.  
Member of Expert Review Panel for Darwin River and Manton Dams for NT PowerWater.



**1987 to 2008: Dams & Civil Section of NSW Department of Public Works and Services/NSW Department of Commerce.**

- 2008 Carried out detailed 3D finite element analysis of radial gate at Wyangala Dam spillway for State Water Corporation.  
Continuing review role for Tillegra Dam.  
Continuing review role for Hinze and Lake Manchester Dams in Queensland and Catagunya Dam in Tasmania.  
Prepared options report on Burrendong Dam spillway modifications for State Water Corporation.
- 2007 Continuing roles on Lake Manchester, Hinze, Catagunya and Redbank Ck. Dams.  
Internal peer reviewer for NSW Dept. of Commerce regarding design of Tillegra Dam.  
Advised State Water on feasibility of fish passage facilities at a number of their major irrigation dams.  
Expert reviewer for GHD on a flood retarding basin in south west Sydney.  
Part of expert panel for River Murray Water risk assessments for Hume and Dartmouth Dams, Torrumbarry and Yarrowonga Weirs and Lake Victoria.  
Re-elected as Deputy Chairman of the Dams Safety Committee
- 2006 Project director for 3D finite element analysis of Bendora Dam (double curvature arch dam)  
Chair of external peer review panel for upgrading of Lake Manchester Dam (concrete gravity dam) in Queensland  
Internal peer reviewer and senior consultant for the raising of Hinze Dam (earth and rockfill embankment) in Queensland  
Project director for preliminary and detailed design of Redbank Creek Dam (single curvature arch dam) upgrading  
Project director for Keepit Dam fish passage investigations.  
Part of expert panel for URS undertaking portfolio risk assessment for dams owned by River Murray Water  
External peer reviewer for Hydro Tasmania for Catagunya Dam (concrete gravity dam) upgrading;  
Project director for 3D finite element analysis of Upper Cordeaux No. 2 Dam (single curvature arch dam owned by SCA) for BHP Billiton
- 2005 Project design engineer for dam related aspects of Nepean Dam Deepwater Access Project:  
Pipeline crossing end of spillway; outlet works for end of pipeline  
Project design engineer for Avon Dam Deepwater Access Project: tunnel design through rockfill buttressing; new low level outlet works
- 2004 Internal reviewer to URS Australia for Pykes Ck Dam Investigations (Southern Rural Water, Victoria)  
Internal reviewer to URS Australia for Lower Reservoir Dam (Hobart Water, Tasmania)  
Member of expert review panel for the Melton Dam upgrade design (Southern Rural Water, Victoria)
- 2003/04 Designer for retrofitting multi-level offtake for Tallowa Dam (Sydney Catchment Authority).  
Member of the Independent Technical Expert Panel for the Eildon Dam Upgrading in Victoria for Goulburn-Murray Water.  
Currently the design director for the Wivenhoe Dam Alliance carrying out the flood capacity upgrading for Wivenhoe Dam in Queensland – included directing major computational fluid dynamics modelling investigations of existing spillway
- 2003 Carried out options study for environmental upgrading works at Keepit Dam (selective withdrawal facility, additional outlet works and fish passage)  
Carried out assessment of spillway capacity for Hume Dam using computational fluid dynamics modelling (by a sub-consultant)  
Carried out detail design for anchoring Bellfield Dam (Victoria) Intake Tower  
Carried out detailed finite element analysis of Keepit Dam radial gates
- 2002 Carried out review of large farm dam with seepage problems. Directed computational fluid dynamics modelling of drum gate and radial gates at Warragamba Dam together with structural analysis of gates (modelling carried out by sub-consultant) to ensure gates can handle more



rigorous operating conditions

Adviser to the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) on civil engineering matters related to the replacement reactor project at Lucas Heights

Expert reviewer for Goulburn-Murray Water for remedial works at Cairn Curran Dam in Victoria

Project Director for Lerderderg Weir safety review and risk assessment for Southern Rural Water (Victoria). Carried out finite element analysis of radial gate

2001

Project Director for design of further remedial works at Hume Dam.

Technical director on behalf of NPWS for quantitative risk assessment for Snowy Mountains roads

Chairman of the committee producing a geotechnical response plan for the Alpine Way in the Snowy Region for NPWS

Carried out non-linear finite element analysis (earthquake loading) for outlet tower at Bellfield Dam for Wimmera-Mallee Water (Victoria)

Joined the MDBC's Fish Passage Reference Group and reviewed fishway designs

Consultant to DLWC for their portfolio risk assessment of thirty dams

Provided advice on the post tensioning system at Waitakere Dam in New Zealand.

Director of Dam Surveillance Group responsible for the surveillance of DLWC dams and participant of a number of 5 yearly surveillance inspections

Project Director of review of DLWC Intake Towers Earthquake Stability Review

Directed DPWS input into the Earthquake Stability of the structural elements of Yarrawonga Weir as sub-consultant to URS Australia – included detail design of anchoring system for the weir.

Also provided design advice on design of stone columns to provide protection against liquefaction of alluvial foundations.

Member of the expert panel for the risk assessment studies being undertaken for Goulburn-Murray Water

Project Director for safety review and preliminary design of remedial options for Blowering Dam (DLWC)

Acted as reviewer for a number of projects carried out by URS (incl. Cardinia Dam outlet tower, Bellfield Dam embankment/spillway)

Directed functionality study (including business risk assessment) for Yallourn Weir for Southern Rural Water (Victoria)

2000

Project Director for design of further investigations and remedial works at Hume Dam.

Safety reviews for Bamarang and Flat Rock Dams

Director of Dam Surveillance Group responsible for the surveillance of DLWC dams and participant of a number of 5 yearly surveillance inspections

Project Director for earthquake studies on intake towers and appurtenant works at DLWC dams

Consultant to DLWC to manage their portfolio risk assessment

Project Director for a number of dambreak studies and preparation of dam safety emergency plans

Member of the consulting team carrying out risk assessments for Goulburn-Murray Water (Victoria) for Eppalock Dam

Carried out review of Earthquake Stability Review of the Outlet Tower at Eppalock Dam in Victoria for G-MW.

Reviewed URS Australia designs for Alpine Way remedial works

1999

Project Director of earthquake studies on Wyangala Dam

Project Director for design of further remedial works at Hume Dam. Included design of ground improvement works (stone columns) for protecting alluvial foundations against liquefaction

Peer reviewer of Leslie Dam (Queensland) Safety Report.

Peer reviewer of DLWC's Screening Level Risk Assessment

1998

Project Director for portfolio risk assessment for six dams owned by a Southern Rural Water in Victoria.

Directed structural analysis of spillway gates on Narracan Dam for Southern Rural Water

Project Director for concept design and DD&C contract documentation for Warragamba Dam auxiliary spillway. Dam to be upgraded the dam to cater for increased inflow flood estimates.

Upgrading works estimated to cost \$135M. An auxiliary spillway is to be constructed adjacent to the existing dam - involves excavating some 2,000,000m<sup>3</sup> of rock and constructing concrete lining, training walls, fuse plug embankments, large scale cement stabilised sandstone fill, a multi



- span bridge across the spillway, post tensioned ground anchors for dissipator/training walls, modifications of existing spillway gates. Design involved extensive physical hydraulic model testing.
- 1997 Feasibility options study for remediation of Redbank Ck. Dam near Mudgee (NSW) Karapiro Dam, New Zealand - Part of international consulting team reviewing this concrete arch dam's security and determining appropriate remedial options (mass concrete buttressing). Director of risk assessment studies for Tenterfield Dam
- 1993-1997 Hume Dam Investigations - Project Manager of Investigation and Design Studies for the embankments at the dam. Work involves:
- review of the stability of the embankments under static and earthquake loadings
  - investigation of liquefaction
  - potential of embankments' foundations
  - development of stabilising options
  - development of options to provide increased flood security including provision of new auxiliary spillways and modifications to existing works
- detail design and documentation of stabilising works for the embankments including a key trench into the dam's foundations, stabilising berms, slurry wall cut-offs, drainage/filter curtains and strengthening of critical gravity training walls with both horizontal and vertical post tensioning.
- part of advisory and review team for the risk assessment of the dam and its components.
- 1990-1996 Warragamba Dam Upgrading for Sydney Water Corporation - Project Manager of Investigation Concept Design Studies for upgrading the dam to cater for increased inflow flood estimates and provide substantial flood mitigation. Upgrading works estimated to cost \$280M. The existing dam was to be strengthened with mass concrete buttressing – some 600,000m<sup>3</sup>.
- 1996 Project Director for Safety Review (including Finite Element Analysis) of Wellington Dam
- 1993-1996 Hume Dam Gates for Department of Water Resources - Project Manager for the design of new maintenance baulks and emergency closure gates. Involves development of proposals for underwater installation.
- 1995 Redbank Creek Dam and Lithgow No. 2 Dam for NSW Public Works Dams Surveillance - Project Manager for safety reviews and finite element analysis of two 15m high arch dams. Clarrie Hall Dam for NSW Public Works Dams Surveillance - Project Manager for dambreak studies.
- 1994 Burrinjuck Dam Gates for NSW Department of Water Resources - Project Manager for the design of new control and emergency closure gates. Involves underwater installation. Karangi Dam for Coffs Harbour City Water Project - Project Manager for dambreak studies.
- 1993 Mardi Dam for Wyong Council - Project Manager for safety review of earth embankment.
- 1988-1990 Nepean Dam Remedial Works for Sydney Water Corporation - Project Manager for investigation studies, design development and detail design. Work involved:
- initial flood security studies and development of options
  - co-ordination of hydraulic model studies
  - detail design and contract documentation for modified spillway, large size post-tensioned ground anchors and rockfill buttressing.
- 1987-1989 Boggabilla Weir for NSW Department of Water Resources - Project Manager for detail design and contract documentation of a large gated re-regulation weir with fishway. Involved liaison with fisheries expert in developing optimum geometry for fish ladder.



Chaffey Dam for NSW Department of Water Resources - Project Manager for upgrading of dam.  
Work involved:

- development of options and preliminary design
- finite element analyses for raised morning glory spillway
- stability analyses for raised earth/rockfill embankment
- co-ordination of hydraulic model studies for raised spillway.

**1969-1987:** ***Water Resources Commission of NSW (WRC) (now Department of Land and Water Conservation).***

1986-1987 Flood Security studies for WRC - Project Design Engineer for investigation into flood security of Chaffey and Glennies Creek Dams. Involved co-ordinating dambreak studies, development of remedial options, economic risk studies.

- 1985-1987      Hume Dam Strengthening for WRC - Project Design Engineer for detail design and contract documentation. Work included:
- design of large size post-tensioned ground anchors including development of appropriate grouting procedures
  - design of structural modifications to the concrete gravity dam
  - design of a new road bridge over the dam.
  - establishing the rationale for replacing the existing post tensioning system

#### **Contact**

Tel: (02  
Mobile  
Email

## Karen Cowell

---

**From:** Petula Martinz [REDACTED]  
**Sent:** Tuesday, 11 January 2011 4:19 PM  
**To:** Barry Dennien; Bob Reilly; Damien Brown; Darren Madgwick; Geoff Stead; Ken Smith; Kerry Dunn; Lance McCallum; Lauren Sims; Peter Borrows; Peter Martin; Rob Drury; SEQWGM Emergency; Stephen Robertson; Terry Wall; Tim Watts  
**Subject:** Wivenhoe Dam release update  
**Attachments:** Technical Situation Report W40.docx

All,

Current strategy from Flood Control Centre attached.

Dan

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## TECHNICAL SITUATION REPORT

TSR Number	W40	Date of TSR release	11.1.2011	Time of TSR release	4.00pm
------------	-----	---------------------	-----------	---------------------	--------

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Maintain releases to keep Wivenhoe below fuse plug initiation and releases need to be made to ensure the dam security and minimise flood impacts downstream if possible</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Inflows into Wivenhoe in excess of 12000 cumecs.</li> <li>Maintain current release 5700 cumecs as long as possible but due to the high level in the dam may change frequently due to inflows, this is being reviewed every 30 minutes and releases adjusted accordingly.</li> <li>Close sluices at Somerset Dam to store more water however will affect upstream areas.</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected around 1,500,000ML which is close to 1974 event.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Somerset/Wivenhoe Dam

Our strategy revolves ensuring dam security and is around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m<sup>3</sup>/s in outflow from the dam in addition to the gate release which could be as high as 10,000m<sup>3</sup>/s at the time. Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy.

Wivenhoe Dam is rising very quickly and rapid gate openings are required to manage this increase. Based on the current rate of rise, inflow rate is in excess of 12,000m<sup>3</sup>/s. The situation is being revised constantly and releases will be increased hourly until the water level starts to stabilize. It is possible that the releases will be as high as 10,000m<sup>3</sup>/s in the next few hours. Heavy rainfall continues in the catchment especially around the dam.

It should be noted that the flow in the lower Brisbane R in 1974 was about 9,500m<sup>3</sup>/s.

Travel time to Lower Brisbane River is 24 hours.



## North Pine

Inflows and outflows are at record levels and increasing within inflows nearing 3,000m<sup>3</sup>/s, and is approaching an extreme event (possibly as high as 1 in 10,000 AEP)

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

## BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

## Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

## Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--

**Karen Cowell**

---

**From:** Petula Martinz [REDACTED]  
**Sent:** Tuesday, 11 January 2011 8:44 PM  
**To:** Barry Dennien; Bob Reilly; Damien Brown; Darren Madgwick; Geoff Stead; Ken Smith; Kerry Dunn; Lance McCallum; Lauren Sims; Peter Borrows; Peter Martin; Rob Drury; SEQWGM Emergency; Stephen Robertson; Terry Wall; Tim Watts ; SEQWGM Media; john.bradley [REDACTED]  
**Subject:** Updated technical support report  
**Attachments:** Technical Situation Report W41.docx

All,

Updated report attached.

Regards,  
Dan

**Petula Martinz**  
Executive Assistant to 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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W41	Date of TSR release	11.1.2011	Time of TSR release	6pm
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Maintain releases to keep Wivenhoe below fuse plug initiation and releases need to be made to ensure the dam security and minimise flood impacts downstream if possible</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe in excess of 12000 cumecs.</li> <li>Increase releases to maintain fuse plug and dam integrity.</li> <li>Close sluices at Somerset Dam to store more water however will affect upstream areas.</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected well over 1,500,000ML.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected well over 1,500,000ML.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected well over 1,500,000ML.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Somerset/Wivenhoe

Our strategy revolves ensuring dam security and is around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m<sup>3</sup>/s in outflow from the dam in addition to the gate release which could be as high as 10,000m<sup>3</sup>/s at the time.

Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy. Somerset is at 104.41m holding 671,000ML and 176.6%.

In the last twelve hours totals of up to 370mm have fallen in the area around Wivenhoe Dam. In the last hour, rainfalls between 15 and 30mm have been recorded in the same area. At 1600, the BoM advised that falls between 50 to 100mm are still forecast for the 24hrs to 1600 Wednesday 12 January 2011 for the North Pine and Somerset/Wivenhoe catchments. Current inflows are about 9,000cumecs.

At 1730 Wivenhoe Dam was 74.92m AHD holding 2,200,000ML and 190% and rising slowly and releasing about 6,700m<sup>3</sup>/s.

The current expectation is that the dam will reach a steady state (outflow equals inflow) within the next 3 hours without further significant rainfall. At this time, release from the dam will be about 8,000 m<sup>3</sup>/s.

If there is no further rainfall, it may be possible to then slowly reduce this release overnight.

The dam is expected to peak below 75.5m AHD which is 100mmm below the first fuse plug initiation level.



Note that the automatic recorder as indicated on the BoM website is affected by drawdown and is not reflecting the actual lake level and tendency.

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is also maintaining close contact with warning agencies and local councils.

It should be noted that the flow in the lower Brisbane R in 1974 was about 9,500m<sup>3</sup>/s

**North Pine Dam:**

Five gates are open, and will continue until at least Wednesday 12 January.

The local Council is being kept informed regarding Youngs Crossing.

**Leslie Harrison Dam:**

Gate releases are underway due to rainfall and inflows.

**Hinze Dam:**

A release of around 86cumecs or 7396 megalitres a day is being made through the emergency gates and this will increase to around 8,000 megalitres per day by 6pm Tuesday 11 January. There is no public access to the spillway.

**Wyalong Dam**

As at 5:00pm today 9,680ML/day was passing over the spillway at Wyalong Dam. This represents a water depth of 0.59m over the spillway. The water level is continuing to rise. Wyalong Dam Alliance will continue to monitor and advise of water levels and flows.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

**BoM assessment**

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

**Brisbane City Council (BCC) assessment**

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

#### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

#### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

#### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--



**Karen Cowell**

---

**From:** John Gardiner  
**Sent:** Wednesday, 12 January 2011 5:08 AM  
**To:** John Gardiner; Sandra Mclean; Jill Martin; Martin King; 'William.ferguson'; Phil.Nickerson; 'Kirsten Roos'; 'Troy Davies'; Ros Dunn; 'paul.reynolds'; 'simone.castan'; 'greg.gough'; 'Louise.morland'; 'Carolyn.varley'; 'Kerry.waters'; 'Paul.michaels'; 'David.noble'; 'Nathalie.sengers'; 'bob\_hammil'; 'kerrily\_boulton'; Jacqui Molensen; Jane.Willis; 'Elspeth.costello'; 'Karen.schelbach'; 'Kschelbach'; Paul Holmes; 'Tim.Goodwin'; 'Cameron.Bunkum'; Kathy Parton; 'johngardiner'; Blair Ryan; Rona Hayes; Jennifer Griffiths; Chris Rowsell; 'Paul.Hauenschild'; 'Ian.Drake'; 'Cara.Swann'; 'policemedia'; Kym Charlton; 'Robert.z.hoge'; 'Kirsty.n.balmer'; Andrew Morrissey; 'margaret.smith'; 'simon.broadfoot'; 'maja.cerjak'; 'campaigns'; Lara McKay; 'Kelly.SimonJ'; 'orla\_thompson'; 'dmalliance'; 'craig\_johnstone'; 'Michael.chesterman'; 'bruce.picard'; 'grahammetcalf'; 'ronwatson'; 'John.Stock'; 'mpalmer@'; 'nmaguire'; 'CQ\_RED\_ExecSupport'; Hugh O'Brien; 'Roulston.ChandraN'; 'kerri.anderson'; 'SusanE.Scott'; 'maccmedia'; 'wel'; 'brian.bolton'; 'Robyn\_Kinne'; David Russo; Brione Sargent; Chrissie Gold  
**Cc:** Ken Smith; 'Kimberley Gardiner'  
**Subject:** Latest flood media 5am 12/1/11

**Big day – best of luck to all**

**Latest media 5am 12/1/11**

**ABC Online**

## Record floods loom

- [Current weather warnings](#)
- [Suburbs at risk](#)
- [Road closures](#)
- In an emergency call the SES on 132 500

Authorities say thousands of properties could be flooded as the Bremer and Brisbane rivers hit record levels over the next two days. The Brisbane River is set rise to 4.5 metres today and could go higher than the 1974 floods that reached 5.45 metres. The Bremer River at Ipswich is now expected to reach 22 metres this morning - 1.5 metres above the 1974 levels. Large parts of Brisbane are already affected by flooding. A number of shops in the CBD have been evacuated and the State Library has closed because of the extreme weather conditions. A steady stream of debris is floating down the swollen Brisbane River, including boats ripped from their moorings by the force of the current. Queensland Premier Anna Bligh says the scale of the looming disaster is constantly being reassessed. "If we see these sorts of levels in the Brisbane River we would expect to see somewhere above 9,000 properties affected significantly and more than 30,000 other properties having some impact," she said. Ms Bligh has urged people not to panic. "We are facing one of our toughest ever tests, we will only pass this test if we are calm," she said. "Now is not a time for panic, it



is a time for us to stick together." Police Commissioner Bob Atkinson echoed Ms Bligh's call for calm. "Stay calm but act wisely and if you're in doubt, evacuate to friends or evacuate, don't take any unnecessary risks," he said. The [latest victim is a four-year-old boy](#) who drowned at Marburg, near Ipswich. Ipswich Mayor Paul Pisasale said Ipswich is doing the best it can. "We're going to resolve this together," he said. In Brisbane, preparations are being made for around 1,000 at the main evacuation centre at the RNA Showgrounds. Pallavi Datar and her husband arrived on Tuesday. Ms Datar says they are grateful for the speedy response by authorities. "When we left the home we didn't know where to go, but we were hoping that there would be some arrangement made by the city council," she said. "We are really really appreciating the situation that the city council was so prompt in setting up an evacuation centre for people like us, because otherwise there would have been really nowhere to go." Around 800 Ipswich residents have sought shelter at evacuation centres in the city. Greg Goebel, the executive director of the Australian Red Cross, says Ipswich residents are distressed but coping well. "There's been no panic but there's obviously been an influx of people as the day and night has gone on, but people are generally well behaved," he said. "They realise the gravity of the situation." Several major highways are cut as well as countless suburban roads. Residents in flood-affected south-east Queensland are being urged to conserve their drinking water over the next 48 hours. Barry Dennien from SEQ Water says some of the organisation's treatment equipment has been damaged. He says it is important the treated supply is preserved for the next couple of days. "We'd like people to be a touch conservative with the water they are using. It's safe to drink. It's perfectly OK," he said. "But if they could just be conservative. That way we can maintain and get through the next coming days which is critical." Prime Minister Julia Gillard says it will take many months for communities to recover. She says the Federal Government is doing all it can to help people. "We've already processed more than 10,000 claims and paid more than \$13 million and this is just the start - there will be more payments and support for people in recovery and then all of the rebuilding to do." Lifeline is appealing for donations to help its crisis hotline field calls from those affected by floods. The organisation is dealing with large phone bills as they provide counselling from call centres across the country. Lifeline's Chris Wagner says they are providing support around the clock for people looking for someone to talk to about the disaster. "Nationally our centres are all heavily manning the 131114 24-hour crisis telephone service," he said. "That service is already receiving calls from a number of people who either are affected by the flood crisis or who are being affected by watching the flood crisis as the coverage unfolds." Brisbane's CBD and many parts of Ipswich face power supplies as floodwaters rise. Energex says the outages will impact hundreds of thousands of customers. Supply was cut to Ipswich last night and there will be cuts in Brisbane from 7:00am today. The company says the restoration of supplies will depend on floodwaters receding and the amount of damage caused to its substations and network. Meanwhile, Deputy Police Commissioner Ian Stewart says police are daunted by the scale of the disaster in the Lockyer Valley. A raging torrent of water swept through Toowoomba and the Lockyer Valley on Monday, and heavy rain yesterday again pushed creeks to major flood levels. "Certainly Grantham is one of the focus, but the other one is the Murphy's Creek and Withcott area," he said. "That's the other area we're having difficulty getting into, and it's going to take us a long time today to get to every one of those areas. "The scale of this operation is daunting when you look at the number of places and creeks that have been affected." Many towns were either badly damaged or wiped out by the flash flooding. Homes were knocked from their footings and cars were washed away. Where the water has dropped slightly, there has been tonnes of mud and debris left behind. A telephone hotline - 1300 993 191 - has been set up for people seeking information on friends and relatives caught up in the flooding disaster.

John Gardiner  
Manager Community Affairs  
Department of the Premier and Cabinet



Tomorrow's Queensland: strong, green, smart, healthy and fair - [www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)





**Karen Cowell**

---

**From:** WaterGridMedia [REDACTED]  
**Sent:** Wednesday, 12 January 2011 11:41 AM  
**To:** Ken Smith  
**Cc:** geoff.stead [REDACTED] barry.dennien [REDACTED]  
**Subject:** Media release: SEQ ENCOURAGED TO LIMIT HOUSEHOLD WATER USE TO HELP FLOOD RESPONSE

Hi Ken

Please find below conservation media release for your final approval.

Regards  
Barry

**MEDIA ALERT**  
**11 JANUARY 2011**

**SEQ ENCOURAGED TO LIMIT HOUSEHOLD WATER USE TO HELP FLOOD RESPONSE**

South East Queensland residents have been encouraged to limit the amount of water they use in coming days until the impact of flooding on water infrastructure can be fully assessed.

Water remains safe to drink and major water treatment plants are not expected to be impacted by flooding.

Most major drinking water reservoirs are at 75 per cent capacity or higher.

Water Grid spokesperson Dan Spiller said the suggestion to conserve water as a precaution until a full assessment can be made of expected damage to smaller treatment plants and reservoirs, mostly in outlying areas of the SEQ region.

"There is a limited supply of water in some local reservoirs and we are unable to get tankers in to replenish supplies due to flooded roads. We are also facing issues with loss of power at some smaller water treatment plants.

"We are therefore encouraging all SEQ residents to assist in the flood response by restricting non-essential water use until further notice."

The Water Grid, local retailers and Emergency Management Queensland are working closely to gain access to the impacted plants and to rectify all situations to maintain essential supplies.

"We are working urgently to find ways for tankers to get in and replenish supplies. We are also considering options for getting bottled water in to those areas," said Mr Spiller.

Residents with further enquiries can contact their local water retailer with further questions:

Unitywater- [REDACTED]  
Queensland Urban Utilities - [REDACTED]  
Allconnex - [REDACTED]

For general emergencies please call 13 23 64.

**ENDS**

Notes to the editor

## About the Water Grid

Established in June 2008 in response to the crippling Millennium Drought, the 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 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 visit [www.watergrid.com.au](http://www.watergrid.com.au)

**For further details contact the Water Grid Communications Unit on:**

**Ph:** [REDACTED] | **Email:** [media@\[REDACTED\]](mailto:media@[REDACTED])

This e-mail, including any attached files, may contain confidential and privileged information for the sole use of the intended recipient. Any review, use, distribution, or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive information for the intended recipient), please contact the sender by reply e-mail and delete all copies of this message. Queensland Bulk Water Transport Authority (trading as LinkWater). This email is copyright. LinkWater is not liable if an attachment is altered without its written consent and does not accept liability in connection with the transmission of information using the internet. This notice should not be deleted or altered.

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 6:12 PM  
**To:** Dennien Barry @ SEQWGM  
**Subject:** FW: BCC Innundation Map at 4000 cumecs  
**Attachments:** img-110173945-0001.jpg

Barry

FYI

Regards

**Ken Smith**  
Director-General  
Department of the Premier and Cabinet

Phone: [REDACTED]  
Mobile: [REDACTED]  
Email: [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
**[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)**

 Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)

---

**From:** Colin Jensen [REDACTED]  
**Sent:** Monday, 10 January 2011 6:09 PM  
**To:** Ken Smith  
**Subject:** BCC Innundation Map at 4000 cumecs

Ken

As discussed, please find attached a map showing the innundation in Brisbane that is estimated to result from a river flow of 4,000 cubic meters per second. Note that this only shows the river flooding not innundation from localised rain flooding.

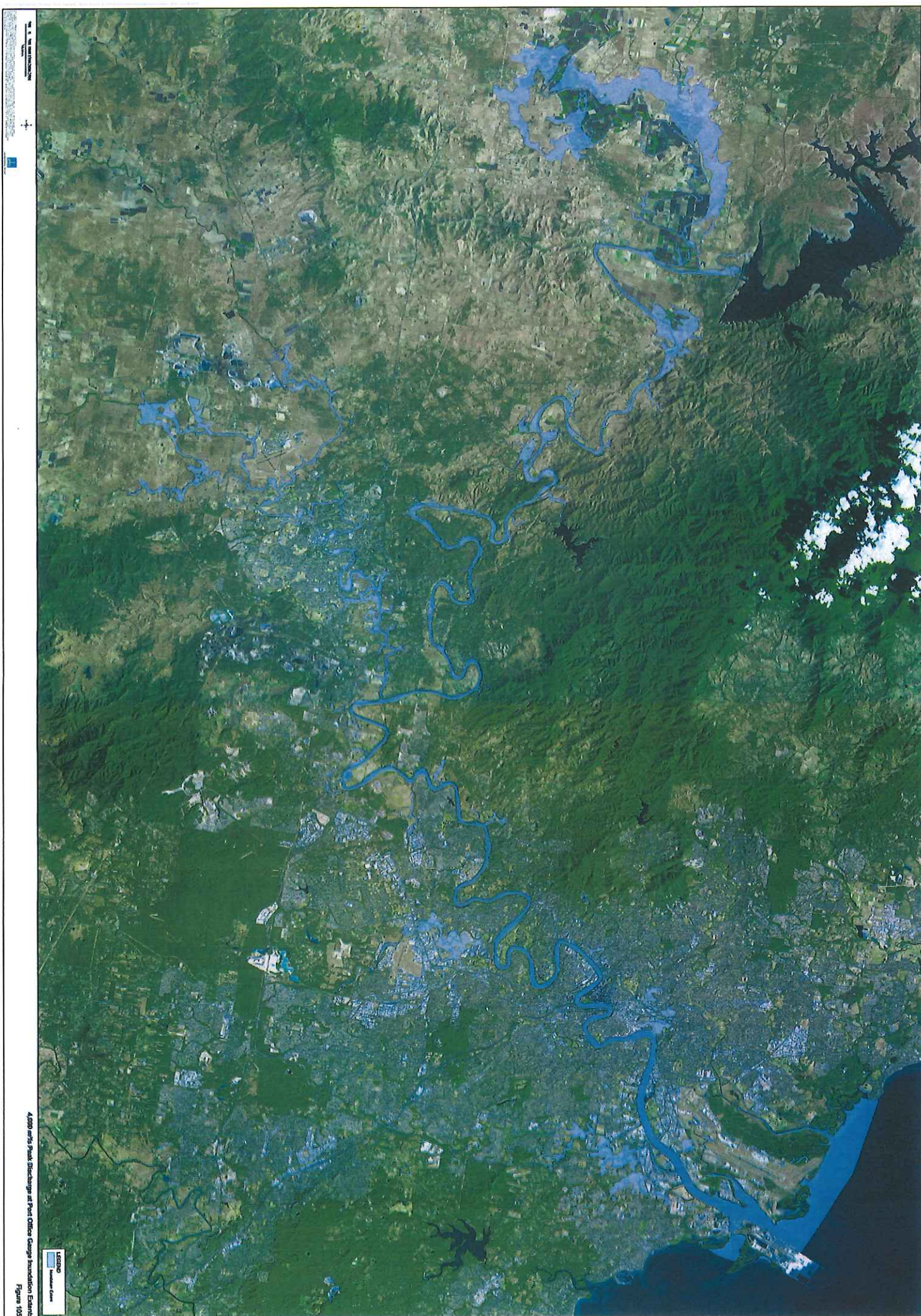
Regards

Colin Jensen  
Chief Executive Officer  
Brisbane City Council  
GPO Box 1434 | Brisbane Qld 4001  
Level 23, Brisbane Square | 266 George Street, Brisbane, Qld 4000  
Phone: [REDACTED]  
Email: [REDACTED]



This message has passed through an insecure network.  
Please direct all enquiries to the message author.





4,000 wetland structures at Port Cities Change Foundation Islands  
Figure 105



## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 6:21 PM  
**To:** Dennien Barry [REDACTED] 'stephen.beckett' [REDACTED]  
**Subject:** FW:  
**Attachments:** Impacts of Wivenhoe releases (DRAFT).docx

Barry

I have added a few areas you left off in the list. Update attached.

Stephen....draft note for Local Brisbane Members. Have also included information about Bremer and Ipswich.

Regards

**Ken Smith**  
Director-General  
[Department of the Premier and Cabinet](#)

Phone: [REDACTED]  
Mobile: [REDACTED]  
Email: [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

---

**From:** Barry Dennien [REDACTED]  
**Sent:** Monday, 10 January 2011 6:14 PM  
**To:** Ken Smith  
**Subject:**

Ken

As discussed

Regards

**Barry Dennien**  
Chief Executive Officer  
**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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.





**10 JANUARY 2011**

## **IMPACTS OF WIVENHOE RELEASES ON LOCAL SUBURBS**

Built in response to the 1974 floods, Wivenhoe Dam's key role is to protect Brisbane City and other communities downstream from major flooding.

Wivenhoe Dam is currently holding back flood waters equivalent to about two times the volume of Sydney Harbour. Without this support from Wivenhoe Dam, current weather patterns would have resulted in huge amounts of water having already inundated large areas of Ipswich, Brisbane and surrounding areas.

Over the past 24 hours, the catchments for Wivenhoe and Somerset dams have received upwards of 300 millimetres of rainfall, seeing dam inflows similar to those experienced in the 1974 floods.

Current inflows into Wivenhoe Dam are approximately 1,032,000 megalitres per day and the dam is now sitting at approximately 153 per cent.

With all five gates open, Wivenhoe Dam is now releasing 170,000 megalitres per day, which is the largest daily release since the dam was built.

The Water Grid operators continue to work closely with relevant local councils and government authorities regarding these controlled releases.

The release of water from Wivenhoe Dam is strictly guided by an established Flood Mitigation Manual.

Wivenhoe Dam controls 50 per cent of the Brisbane catchment, therefore downstream flooding can be heavily influenced by rainfall below the dam.

However, with the forecast for continued rain and the unprecedented releases expected to continue, there will be an impact on property in the Somerset, Brisbane and Ipswich regions.

In Brisbane there is the potential for water entering properties and some households. Affected areas may include low-lying areas of Windsor, Albion, Newstead, Breakfast Creek, Bowen Hills, East Brisbane, River Hills, Oxley Creek, Carindale, Canonvale, Tingalpa, Murarie Bulimba Creek, Hemmant and Rocklea.

Affected roads may include Milton Road, Butterfield Street, Waterloo and Ross Street in Newstead, Sandgate Road at Albion and Windsor's Northey Street.

In Ipswich, the Bremer River is expected to peak Tuesday afternoon, 11 January with a height of 12.7 metres. This peak is primarily due to localised flooding, however the higher levels in the Brisbane River, due to Wivenhoe releases, are impacting the localised flooding as well.

Approximately 300 properties will be affected with some houses experiencing inundation.

Importantly, we must release this water safely to be able to store the expected substantial inflows coming with more severe weather.

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 6:24 PM  
**To:** Dennien Barn [REDACTED]  
**Subject:** FW: List of suburbs impacted by inundation from a 4,000 cumec river flow

Barry

At last. I will call you to discuss assumptions underpinning number of properties impacted at 4,000 cubic meters assumption

Regards

**Ken Smith**  
Director-General  
[Department of the Premier and Cabinet](#)

Phone [REDACTED]  
Mobile [REDACTED]  
Email: [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

---

**From:** Colin Jensen [REDACTED]  
**Sent:** Monday, 10 January 2011 6:21 PM  
**To:** Ken Smith  
**Subject:** List of suburbs impacted by inundation from a 4,000 cumec river flow

Ken

Please find following, as discussed, some information on the consequence of river inundation likely to result from a river flow of 4,000 cubic meters per second.

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.

Regards

Colin Jensen  
 Chief Executive Officer  
 Brisbane City Council  
 GPO Box 1434 | Brisbane Qld 4001  
 Level 23, Brisbane Square | 266 George Street, Brisbane, Qld 4000  
 Phone: [REDACTED]  
 Email: [REDACTED]

---

This message has passed through an insecure network.  
 Please direct all enquiries to the message author.

---



**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 6:59 PM  
**To:** 'Barry Dennien'  
**Subject:** RE: FLDWARN for Lower Brisbane and Bremer Rs [SEC=UNCLASSIFIED]

Thanks Barry. Let me know about their height assumptions. Be interesting to see whether they are predicting 3.6 meters at 4000cumecs per second.

Regards

**Ken Smith**  
Director-General  
[Department of the Premier and Cabinet](#)

Phone: [REDACTED]  
Mobile [REDACTED]  
Email: [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

---

**From:** Barry Dennien [REDACTED]  
**Sent:** Monday, 10 January 2011 6:41 PM  
**To:** Ken Smith  
**Subject:** FW: FLDWARN for Lower Brisbane and Bremer Rs [SEC=UNCLASSIFIED]

---

**From:** Colin Jensen [REDACTED]  
**Sent:** Monday, 10 January 2011 6:39 PM  
**To:** Barry Dennien  
**Cc:** Dan Spiller  
**Subject:** Re: FLDWARN for Lower Brisbane and Bremer Rs [SEC=UNCLASSIFIED]

Barry

Suburb list has been emailed. I've asked for confirmation around the 3m. I'm not clear whether it relates to a 4,000 or 5,000 cumec event. BOM indicated that they were working with BCC in the numbers so I'm assuming we agree - my concern is what is the assumptions inherent in the predictions though. I will further insight tomorrow.

FYI. We have stood up our Local Disaster Management Group (chaired by the Lord Mayor) for 10am tomorrow. I understand that the Deputy Premier will be attending

Regards

Colin Jensen  
Chief Executive Officer  
Brisbane City Council  
GPO Box 1434 | Brisbane Qld 4001  
Level 23, Brisbane Square | 266 George Street, Brisbane, Qld 4000  
Phone: [REDACTED]  
Email: [REDACTED]

>>> Barry Dennien [REDACTED] 10/01/2011 5:16:34 pm >>>

Col

I note the BOM prediction of 3 meters Wednesday do you concur?

How is the Suburb list going

thanks

Barry

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 Spressers 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-----

Your Anti-virus Service scanned this email. It is safe from known viruses.  
For more information regarding this service, please contact your service provider.

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system.  
QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

\*\*\*\*\*

This message has passed through an insecure network.

Please direct all enquiries to the message author.

\*\*\*\*\*

---

This message has passed through an insecure network.

Please direct all enquiries to the message author.

---



---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Tuesday, 11 January 2011 7:20 AM  
**To:** 'pt.lucas'  
**Subject:** Fw: Water Grid dam release strategy  
**Attachments:** Technical Situation Report W38.docx

DP

Latest report on releases from Wivenhoe. Note uncertainty about impact of Lockyer.

---

**From:** Dan Spiller  
**To:** 'stephen.robertson'; Ken Smith; 'Lance McCallum'; 'Geoff Stead'; 'lauren.sims'; 'Martin.Peter'; 'Dunn.KerryG';  
**Cc:** Barry Dennien; pborrows; 'Rob Drury'; 'pbird'; 'Damien Brown'; 'bob.reilly'; 'terry.wall'; 'Madgwick.Darren';  
**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.

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/> .  
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-----

Your Anti-virus Service scanned this email. It is safe from known viruses.  
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





Swimming in weirs and  
flowing water is FA

rethink



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)

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system. QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W38	Date of TSR release	11.1.2011	Time of TSR release	6.30am
------------	-----	---------------------	-----------	---------------------	--------

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Maintain releases to keep Wivenhoe below RL74 at which significant releases need to be made to ensure the dam security and minimise flood impacts downstream if possible</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Maintain current release of 2750cumecs as long as possible but it may need to be increased</li> <li>Close sluices at Somerset Dam to store more water however will affect upstream areas.</li> <li></li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected around 1,500,000ML which is close to 1974 event.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Rainfall

Rainfall continues in the North Pine Dam, Somerset Dam and Wivenhoe Dam catchments. Isolated falls in the Upper Brisbane River of up to 125 mm have been recorded with widespread falls of 40 to 70 mm in the Somerset Dam catchment. This rainfall will increase inflows into the dam.

There has also been 20 to 60 mm in the Lockyer Creek catchment in the last 12 hours with falls of up to 30 mm in the Bremer River.

A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 16:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (25mm to 50mm, with isolated falls to 100mm); Wivenhoe/Somerset Dam Catchments (25mm to 50mm, with isolated falls to 100mm).

### North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is 39.80m AHD and has commenced rising again (storing 4,400ML above FSL). Five gates are open releasing 177 m3/s. The inflow into the dam since the commencement of the event is 77,000 ML. Estimated event volume is 88,000 ML assuming no further rainfall. Releases from the dam will continue until at least Wednesday 12 January 2011.

### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.27m AHD and falling slowly. Peak inflow to the dam is estimated to be about



4,200 m<sup>3</sup>/s. Total discharge into Wivenhoe Dam is currently 1400 m<sup>3</sup>/s and this discharge will be decreased in the next few hours to be around 500 m<sup>3</sup>/s later on Tuesday. This is to ensure that the combined flood mitigation capacity in Somerset and Wivenhoe Dam is maximized.

The dam level peaked at 103.52m AHD at 19:00 on Monday 10 January 2011, (unless further significant rainfall is experienced). Areas around Kilcoy will continue to be adversely affected.

#### **Wivenhoe Dam (Full Supply Level 67.00 m AHD)**

The dam level is 73.51m AHD and rising at about 25 mm/hour. Releases from the dam have been held at a rate of 2,750 m<sup>3</sup>/s since 19:30 hours on Monday 10 January 2011. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing.

The BoM has provided further advice about the flash flooding experienced in the upper areas of Lockyer Creek. The rainfall responsible for this event was not observed at any rainfall stations but it is considered to be extreme. Flood levels in the Lockyer Creek catchment will exceed maximum recorded levels in some stations in the upper catchment. This flow will result in increases in Brisbane River levels below the junction of Lockyer Creek.

Five radial gates are currently open at the dam releasing about 2,750m<sup>3</sup>/s into the Brisbane River. At this stage, the dam will reach just over 74.0m AHD during Tuesday evening.

Above EL 74.0m AHD the objective for dam operations is to maintain the security of the dam and minimise downstream flood flows if possible.

If further rainfall occurs, dam releases may need to be increased further and this may result in river flows in the lower Brisbane River approaching or exceeding 5,000m<sup>3</sup>/s.

#### **Impacts downstream of Wivenhoe Dam**

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Sunday 16 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff and releases from Wivenhoe Dam.

The BoM will provide further information regarding the magnitude of the flash flood event occurring in Lockyer Creek early Tuesday morning. Consideration was given to modifying the releases from Wivenhoe Dam to try to moderate the peak flows emanating from Lockyer Creek but the rainfall in the past 12 hours in the catchment above the dam makes this option not possible. Therefore instead of decreasing releases to accommodate the Lockyer Creek flows, the strategy will endeavour to maintain the current releases until Lockyer Creek peaks.

#### **Outlook**

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate over the next 24 hours. The flood operation centre will continue to monitor the situation and provide situation reports every six hours until the situation stabilizes.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager



## BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

## Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

## Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

## Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--



**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Friday, 14 January 2011 12:59 PM  
**To:** 'pt.lucas'; [REDACTED]  
**Subject:** Fw: Current version  
**Attachments:** ATT1249776.doc

DP

Draft release

---

**From:** Melanie Hirsig [REDACTED]  
**To:** Fiona Ferrier [REDACTED]; Ken Smith  
**Cc:** [john.bradley](#) [REDACTED]  
**Sent:** Fri Jan 14 12:56:41 2011  
**Subject:** FW: Current version

Kind Regards  
Melanie

**Melanie Hirsig | Acting Executive Assistant | Office of the Director-General | Department of Community Safety**

[REDACTED] V:  
[communitysafety.qld.gov.au](http://communitysafety.qld.gov.au)



Please consider the environment before printing this email

---

**From:** Melanie Hirsig  
**Sent:** Friday, 14 January 2011 12:29 PM  
**To:** [REDACTED]; [barry.dennien](#) [REDACTED]  
**Subject:** Current version

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)



## Media Release

**MEDIA RELEASE**  
**14 JANUARY 2011**

### **NON-FLOOD AFFECTED RESIDENTS URGED TO USE WATER WISELY**

Despite significant operational challenges caused by flooding, the major water supplies remain reliable in the Water Grid supplying Brisbane, Ipswich and the Gold Coast.

Deputy Premier Paul Lucas said that the region's major water treatment plant at Mount Crosby had been partly flooded and impacted by poor water quality in the Brisbane River.

"While production is increasing, some of our water treatment infrastructure was impacted by floods and the output is still being affected by turbidity in the Brisbane and North Pine Rivers.

"The East Bank of Mt Crosby, which was inundated, is now back on line and gradually being brought up to maximum production.

"We are also using the desalination plant and transfers across the Water Grid to resupply local water reservoirs where water levels declined while Mount Crosby was off line."

Mr Lucas urged residents and businesses in Brisbane, Logan and Ipswich who had not been affected by floods to use only what they need for the next few days.

"Our key priority in these areas is maintaining sufficient water for those households and businesses who need to use more in the immediate flood recovery.

"It is really important that we all use our precious clean water supplies wisely over coming days" said.

Water Grid Manager CEO Barry Dennien said that people who haven't been affected by the flood can help by using the same cautious water use practices that saw us through the drought. These include:

- take only short 4 minute showers
- don't water gardens
- don't hose buildings, driveways and footpaths
- delay washing your cars
- don't fill pools
- only use dishwashers when you have a full load
- turn-off taps when you don't need water

"During the drought south-east Queenslanders showed how well we could conserve water. This latest crisis means residents and businesses outside the directly flooded affected areas need to do the same again" Mr Dennien said.



"I can assure everyone who has not been directly impacted by flooding that by conserving valuable water over the next few days you will make a real and important contribution to the flood recovery effort" said Mr Dennien.

The Water Grid is working closely with local councils to prioritise water use for the cleanup of key roads first, followed by other areas later after water treatment plants are operating normally again.

## **ENDS**

Notes to the editor

### **About the Water Grid**

Established in June 2008 in response to the crippling Millennium Drought, the 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 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 visit [www.watergrid.com.au](http://www.watergrid.com.au)

**For further details contact the Water Grid Communications Unit on:**

**Ph:** [REDACTED] | **Email:** [media@\[REDACTED\]](mailto:media@[REDACTED])

**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Friday, 14 January 2011 4:07 PM  
**To:** 'kimberley.gardiner' [REDACTED]  
**Subject:** Fw: Fwd: questions

KG

Hedley Thomas' questions.

---

**From:** Barry Dennien [REDACTED]  
**To:** Ken Smith; Bradley John [REDACTED]  
**Sent:** Fri Jan 14 15:54:56 2011  
**Subject:** Fwd: questions

Regards  
Barry Dennien

Begin forwarded message:

**From:** WaterGridMedia [REDACTED]  
**Date:** 14 January 2011 3:46:17 PM AEST  
**To:** Barry Dennien [REDACTED]  
**Cc:** "seqwgm [REDACTED]" <[seqwgm \[REDACTED\]](#)>  
**Subject:** FW: questions

Hi Barry,

As discussed with Stacey, Please find the questions from Hedley Thomas, Chief Correspondent, The Australian.

Regards

Jade

Water Grid Communications Unit

---

**From:** Thomas, Hedley [REDACTED]  
**Sent:** Friday, 14 January 2011 3:24 PM  
**To:** WaterGridMedia  
**Subject:** questions

Stacey



Re questions in writing, due to the tight time frame I have limited them to four:

1. What do the operators of Wivenhoe Dam say to the suggestion that the warnings by the BOM's severe weather forecasters in September and October of a confirmed La Nina, and the heightened possibility of flooding rains and cyclone activity, should have necessitated a much more conservative approach to Wivenhoe Dam – specifically, that it should have led to the volume of water in Wivenhoe being significantly reduced over the ensuing weeks to give the dam a much larger buffer?
2. What do the operators say to the suggestion that the failure to err on the side of caution – to ensure this much larger buffer - was a poor decision under the circumstances and in the light of the warnings of extreme weather, and that this compromised the dam's ability to take the water?
3. What do the operators say to the suggestion that the sudden and significant discharges this week was a major contributor to the Brisbane River flood?
4. What was the peak flow at the port office in the Brisbane River – and what was the dam's contribution to that peak flow?
5. What do the operators say to the suggestion that the decision to maintain storage at around FSL following the weather bureau's warnings was influenced by the years of El Nino-related drought, and political pressure?




I will need those responses asap Stacey, by 5pm.

Many thanks

Hedley Thomas

National Chief Correspondent

The Australian & The Weekend Australian

---

This message and its attachments may contain legally privileged or confidential information. It is intended solely for the named addressee. If you are not the addressee indicated in this message or responsible for delivery of the message to the addressee, you may not copy or deliver this message or its attachments to anyone. Rather, you should permanently delete this message and its attachments and kindly notify the sender by reply e-mail. Any content of this message and its attachments which does not relate to the official business of the sending company must be taken not to have been sent or endorsed by that company or any of its related entities. No warranty is made that the e-mail or attachments are free from computer virus or other defect.

---

This e-mail, including any attached files, may contain confidential and privileged information for the sole use of the intended recipient. Any review, use, distribution, or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive information for the intended recipient), please contact the sender by reply e-mail and delete all copies of this message. Queensland Bulk Water Transport Authority (trading as LinkWater). This email is copyright. LinkWater is not liable if an attachment is altered without its written consent and does not accept liability in connection with the transmission of information using the Internet. This notice should not be deleted or altered.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Friday, 14 January 2011 10:31 PM  
**To:** 'Barry.Dennien'; 'John.bradley'  
**Cc:** 'watergridmedia'  
**Subject:** Re: Water Supply is looking better

Great news Barry. Congratulations on a job well done.

---

**From:** Barry Dennien <[Barry.Dennien](mailto:Barry.Dennien)>  
**To:** John Bradley; Ken Smith  
**Cc:** [REDACTED]  
**Sent:** Fri Jan 14 20:26:22 2011  
**Subject:** Water Supply is looking better

Gents

More good news, Mt Crosby is now producing 410 megalitres per day ( Westbank 230, Eastbank 180) an we are building the system storage.

Lowood Water pump station and treatment plant is up and running, after a short commissioning Lowood, Gatton, Helidon, Fernvale and Laidley will start getting supply. Six QUU crews are on site to repair the reticulation system to these towns.

Regards

Barry

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.  
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.

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Friday, 14 January 2011 10:33 PM  
**To:** 'pt.lucas@ministerial.qld.gov.au'  
**Subject:** Fw: Water Supply is looking better

Good news on the eastbank.

---

**From:** Barry Dennien <[REDACTED]>  
**To:** John Bradley [REDACTED]; Ken Smith  
**Cc:** [watergridmedia](#) [REDACTED]  
**Sent:** Fri Jan 14 20:26:22 2011  
**Subject:** Water Supply is looking better

Gents

More good news, Mt Crosby is now producing 410 megalitres per day ( Westbank 230, Eastbank 180) an we are building the system storage.

Lowood Water pump station and treatment plant is up and running, after a short commissioning Lowood, Gatton, Helidon, Fernvale and Laidley will start getting supply. Six QUU crews are on site to repair the reticulation system to these towns.

Regards

Barry

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Saturday, 15 January 2011 12:40 PM  
**To:** 'nicole.scurrah' [REDACTED]  
**Subject:** Fw: Response to Minister Robertson on 24/12  
**Attachments:** Letter to Minister - flood management.doc; ATT00001.htm

Fyi. Will discuss later

---

**From:** Bradley John <[REDACTED]>  
**To:** [lance.mccallum](mailto:lance.mccallum) [REDACTED]  
**Cc:** Ken Smith  
**Sent:** Sat Jan 15 12:19:58 2011  
**Subject:** Response to Minister Robertson on 24/12

Lance /Ken

Further to separate discussions with you both today,

Attached is a copy should you need it today (due to media interest) of the advice which SEQWGM gave Min Robertson on 24/12 regarding whether there would be any flood mitigation benefit in drawing down dam levels below FSL before the wet season.

We are preparing the detailed advice requested by Min Robertson on these issues also which we have agreed with Lance to have ready by COB tomorrow prior to a meeting with Minister before Cabinet Monday.

regards

John Bradley  
Director-General  
Department of Environment and Resource Management

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

Department of Environment and Resource Management  
400 George Street, Brisbane Q 4000  
GPO Box 2454, Brisbane Q 4001

---

**From:** Barry Dennien [REDACTED]  
**Sent:** Saturday, 15 January 2011 7:34 AM  
**To:** Bradley John  
**Subject:** Fwd: Flood Letter - Minister

John

See attached

I will phone in the sdmg so I can attend the lord mayors disastereeting

We will have a full brief for you

Regards  
Barry Dennien

Begin forwarded message:

**From:** Elaina Smouha <[REDACTED]>  
**Date:** 14 January 2011 3:04:21 PM AEST  
**To:** Barry Dennien <[REDACTED]>  
**Subject:** Fwd: Flood Letter - Minister

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

Begin forwarded message:

**From:** Chris Snape [REDACTED]  
**Date:** 14 January 2011 3:01:46 PM GMT+10:00  
**To:** "elainami" [REDACTED]  
**Cc:** Elaina Smouha [REDACTED]  
**Subject:** Flood Letter - Minister

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

+-----+  
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  
+-----+

24 December 2010

Hon Stephen Robertson MP  
Minister for Natural Resources, Mines and Energy  
and Minister for Trade  
PO Box 15216  
Brisbane Qld 4001

Dear Minister

I am pleased to respond to your letter of 25 October 2010 regarding options to and benefits of releasing water from key storages in anticipation of major inflows over the current wet season. Our advice follows, based on discussions with Seqwater.

Only four of the dams in South East Queensland region are gated, with the ability to release significant amounts of water in anticipation of major inflows. These are Wivenhoe, Somerset, North Pine and Leslie Harrison dams.

Detailed operational procedures have been approved for each of the gated dams. The dams will continue to be operated in accordance with these procedures. These procedures generally relate to the management of the dams and should be managed above Full Supply Level. This advice relates to the water security aspect of the management of the dams below Full Supply Level.

Based on information currently available, Seqwater has advised that releasing water to below Full Supply Level may provide some benefits in terms of reduced community and operational impacts during minor inflow events, such as has occurred over the past month. For medium and major flood events, it considers that pre-emptive releases will provide negligible benefits.

Informed by this advice, the SEQ Water Grid Manager has advised Seqwater that, from a water security perspective, it has no in-principle objection to minor releases from Wivenhoe, Somerset and North Pine dams to minimise the operational and community impacts of gate releases. Specifically, it has advised that it has no in-principle objection to:

- Wivenhoe and Somerset dams being drawn down to 95 per cent of their combined Full Supply Level
- North Pine Dam being drawn down to 97.5 per cent of its Full Supply Level.

The SEQ Water Grid Manager has assessed the water security implications of the release to be negligible, having no impact on our ability to meet the risk criteria specified in the System Operating Plan or our ability to meet our supply obligations to Grid Customers. From a water security perspective, the Queensland Water Commission has also confirmed that it does not have any objections to the potential release.

Please note that these arrangements are intended to apply for the current wet season only, taking into account the level of storages and the rainfall forecasts over coming months.

For future wet seasons, the SEQ Water Grid Manager will continue to work with Seqwater to investigate the optimal arrangements. In particular, we propose to further investigate options that may reduce the frequency or duration of intermediate level flows (between 1,900 and 3,500 cubic metres per second). In addition, we recommend that the investigations with the Queensland Water Commission to examine the opportunity of raising the full supply level of Wivenhoe Dam for water supply be expanded to include options involving the release of the additional water once major inflows are forecast.

I trust that this advice is sufficient. If you have any questions, please do not hesitate to contact Mr Dan Spiller, Director Operations, by telephone on [REDACTED] or by email on [dan.spiller@\[REDACTED\]](mailto:dan.spiller@[REDACTED])

Yours sincerely



**Gary Humphrys**  
Chair



## **ATTACHMENT**

### **Wivenhoe and Somerset dams**

Wivenhoe Dam can store up to 1.15 million litres (ML) of drinking water. In addition, it has the capacity to store an additional 1.45 ML of flood water.

While large, the flood compartment can be filled within days. For example, following heavy rainfall in October 2010 Wivenhoe Dam received inflows equivalent to almost half of the flood storage compartment capacity in just a few days.

Several factors influence flood release strategies for Wivenhoe and Somerset dams.

First, rain events that have caused flooding have historically been prolonged events over several days, often with a second event occurring several days to a week after the first. As a result, the operational procedures for the dam are designed to ensure that all water held in the flood compartments is released within seven days of a rain event, ensuring that the flood compartment is available for any future inflows.

Secondly, the dam only controls flood waters from part of the Brisbane River catchment area. About 50 per cent of the catchment area of the Brisbane River is upstream of the Wivenhoe Dam wall, and can be potentially controlled by it. No flood mitigation structures exist for most of the potential run-off from the other 50 per cent of the catchment area.

Third, the Bureau of Meteorology has had limited success in plotting rainfall distribution accurately to assess where most flooding risk lies above or below the dam wall. Historical floods have demonstrated that flooding can occur from both. For example, the 1974 flood flows primarily occurred below the dam wall whilst the 1890's event occurred above the dam wall. As a result, when releasing water from Wivenhoe Dam it is very important to predict and monitor below the dam wall flows so as to understand combined river flows that cause flood impacts.

Taking these factors into account, the flood release strategy for Wivenhoe and Somerset dams has a hierarchy of objectives:

- Ensure the structural safety of the dam
- Provide optimum protection of urbanised areas from inundation
- Minimise disruption to rural life
- Retain full supply level after a flood event
- Minimise impacts to flora and fauna during the drain down phase.

Within this framework, flood releases from Wivenhoe Dam typically fall into two categories of flood events based on the impact they cause when combined with below the dam wall catchment runoff:

- Larger events typically involving combined river flows greater than 3,500 cubic meters per second measured at Moggill. These events would have flood impacts on

urban areas in Brisbane. This scale of release has not been required since Wivenhoe Dam was completed.

- Smaller events with combined river flows of less than 1,900 cubic meters per second measured at the Mt Crosby weir which can inundate up to seven rural bridges isolating up to 50 households and causing inconvenience to many more. There has been six of these events since 1984, when Wivenhoe Dam was completed.

Our assessment of the benefits of lowering dam storage levels to reduce flooding impacts is below for these two event types.

#### *Large events*

Seqwater has advised that releases of greater than 3,500 cubic metres per second (m<sup>3</sup>/s) from Wivenhoe Dam are likely to impact on urban areas in Brisbane. Events of this nature have not been experienced since Wivenhoe Dam was completed in 1984.

Seqwater has advised that:

- pre-emptive releases are likely to have negligible impacts on the extent of these impacts
- any impacts would require releases of at least 250,000 ML. This is equivalent to a release of about 16 per cent of the combined storage capacity of Wivenhoe and Somerset dams.

A pre-emptive release of this scale is not recommended, based on information currently available. The potential water security impacts are considered to be more significant than the negligible benefits. These potential security impacts include costs associated with the earlier or avoidable operation of the desalination facility at capacity, as well as the increased probability of triggering the implementation of a drought response plan.

More detailed investigation of opportunities to actively manage flood storage is recommended, including options to increase flood supply level on a temporary basis. These investigations need to be led by Seqwater, and involve the Bureau of Meteorology, Councils and the SEQ Water Grid Manager.

In particular, it has been identified that it is worth investigating the impacts on downstream flooding for intermediate level flows (flows between 1900 and 3500 m<sup>3</sup>/s).

Seqwater will undertake extensive investigations for the Queensland Water Commission in early 2011 to examine the opportunity of raising the full supply level of Wivenhoe Dam for water supply. We will recommend that the scope of this work be widened to consider the benefits of pre-lowering storage levels based on mid range rainfall events and the reduced impacts to river levels and subsequent property impacts. It is noted that predicting rainfall intensity and location, even as events are about to occur has not been accurate, however the Bureau of Meteorology is improving its methods.

### *Smaller events*

Pre-emptive releases from Wivenhoe Dam may reduce the impacts of minor gate releases (strategies W1A to W1E in the operational procedures).

Minor gate releases may result in the closure of up to six bridges, isolating up to 50 dwellings and inconveniencing many more. As stated in existing flood management plans, releases should be managed to minimise the impacts on these residents. Over the immediate term, Councils have requested that bridge closures be avoided over the Christmas to New Year period, if at all possible. In addition:

- There are resource implications involved in the activation of the flood control centre. Under flood management plans, the centre must be staffed by suitably qualified officers at all times during gate releases. There are currently only four quality duty engineers, who have staffed the flood centre for much of period since the initial release in October.
- Gate releases during the Christmas holiday period would result in closure of dams to water based activities, impacting on up to 150,000 people who are expected to use the recreational facilities over the holiday period.

The Water Grid Manager has advised Seqwater that, from a water security perspective, it would not object to water being released from Wivenhoe and Somerset dams to 95 per cent of storage capacity at any time until end March 2010.

Under this recommendation, storage levels could potentially be reduced by up to about 77,250 ML. This is equivalent to the amount of water released between 13 and 16 December 2010, through a single gate.

Pre-emptive releases will be managed so as to minimise the likelihood of gate releases due to small storms and local rainfall. Storage capacity will usually be reduced through a combination of:

- Extended gate releases, especially for strategy W1C. For comparison, up to 130,000 ML/day was released during in November and mid December 2010. At this rate, the additional releases could occur in about half a day.
- Ongoing gate releases of up to 30,000 ML/day, which do not isolate any residents but can inundate some lower bridges that cause inconvenience.
- Ongoing valve release of up to about 4,300 ML/day, which can be maintained without inundate any bridges.

Actual releases would be decided by Seqwater based on operational considerations and in accordance with its statutory and regulatory obligations.

### *Water security impacts*

The water security impacts of releases will be zero if the dams fill over the remainder of the wet season. Current forecasts indicate that there is a high probability of this occurring:

- Heavy rainfall is forecast over the Christmas holiday period, as noted above.
- Over the remainder of the wet season, advice from the Bureau of Meteorology is that sea surface temperatures are likely to remain at levels typical of a La Niña event into the first quarter of 2011, with the majority of the models indicating the event will gradually weaken over the coming months.

The water security impacts will be minimal, even if there were no further inflows to the dams. Modelling indicates that the reduction would have a minimal impact on the probability of key water Grid storages falling to 40 per cent of capacity over the next five years.

### **North Pine and Leslie Harrison dams**

North Pine and Leslie Harrison dams do not have flood mitigation potential. Once the dams have reached Full Supply Level, all water flows into the dam must be released to protect the structural safety of the dam.

Seqwater has advised that, without major releases, there are negligible benefits to reducing volumes stored in North Pine or Leslie Harrison dams for the purposes of reducing the extent or duration of any downstream flooding impacts.

For North Pine Dam, there may be some operational and community benefits to minor releases to below Full Supply Level in some circumstances. Any gate operation at North Pine Dam results in inundation of Youngs Crossing Road, which isolates a number of residents. These impacts are currently being minimised by releasing from North Pine Dam at night. With further rainfall forecast, Seqwater may choose to reduce the level to below Full Supply Level in order to reduce the frequency of night releases or the likelihood of releases being required during the day.

For this dam, the SEQ Water Grid Manager has advised Seqwater that, from a water security perspective, it would not object to water being released to 97.5 per cent of storage capacity at any time until end March 2010.

For Leslie Harrison Dam, gate operations do not impact on public roads and generally only inconvenience the general public during large flood events. There is no scope to reduce this inconvenience through small pre-emptive releases. Accordingly, no in-principle approval be made for pre-emptive releases from this dam.





## Karen Cowell

---

**From:** Dan Spiller [Daniel.Spiller [REDACTED]]  
**Sent:** Monday, 10 January 2011 5:31 AM  
**To:** Dan Spiller; 'stephen.robertson [REDACTED]'; Ken Smith; 'Lance McCallum [REDACTED]'; 'Tim Watts [REDACTED]'; 'Geoff Stead [REDACTED]'; 'lauren.sims [REDACTED]'; 'Debbie Best [REDACTED]'; 'Martin.Peter [REDACTED]'; 'Dunn.KerryG [REDACTED]'; 'Rob Drury'; 'pbird [REDACTED]'; 'sstevenson [REDACTED]'; SEQWGM Media; Scott Denner; 'Madgwick.DarrenT [REDACTED]'; Damien Brown; 'bob.reilly [REDACTED]';  
**Cc:**  
**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 [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 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

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## Karen Cowell

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Monday, 10 January 2011 9:46 AM  
**To:** stephen.robertson [REDACTED]; Ken Smith;  
lance.mccallum [REDACTED]; Tim.Watts [REDACTED]  
Geoff.Stead [REDACTED]; Lauren.Sims [REDACTED]; Best Debbie;  
'Martin.PeterJ [REDACTED]; 'Dunn.KerryG [REDACTED]  
**Cc:** Rob Drury; Paul Bird; SEQWGM Media; damien.brown [REDACTED]; Reilly Bob;  
Madgwick.DarrenT [REDACTED]; 'Stan Stevenson'  
**Subject:** Water Grid operations update  
**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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

### Disclaimer

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have



received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## TECHNICAL SITUATION REPORT

TSR Number	W36	Date of TSR release	10.1.2011	Time of TSR release	8am
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Continue increasing releases to discharge flood waters but keep impact downstream to minimum.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>All bridges are now inundated .</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected around 1,500,000ML which is close to 1974 event.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Rainfall

Moderate to heavy rainfall has been recorded in the Upper Brisbane and Stanley Rivers in the last 12 hours with totals up to 90 mm. Totals for the last 24 hours range from 100 to 325mm.

Mt Glorious recorded 100 mm in the last 12 hours.

Rainfall of similar magnitudes is expected in the 12 to 24 hours around the downstream catchments as the system tracks south.

A severe weather warning remains current for heavy rainfall in the dam catchment areas.

### North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level was 39.97 m and steady. Five gates are open releasing 475 m<sup>3</sup>/s. The inflow into the dam since the commencement of the event is 52,000 ML. Estimated event volume is 72,000 ML assuming no further rainfall. Gate operations will continue until at least Tuesday 11 January 2011.

### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level at 05:00 was 102.84 m AHD and rising (storing 193,000 ML above FSL). Peak inflow to the dam is estimated to be about 4,200 m<sup>3</sup>/s based on observed rainfall and could be as high as 5,000m<sup>3</sup>/s with additional forecast rainfall. Five sluice gates are open releasing about 1,100m<sup>3</sup>/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam lake level will reach about 103.5 m AHD on Monday afternoon. Areas around Kilcoy will continue to be adversely affected.

Since the commencement of the event on 02/01/2011 approximately 142,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This is expected to increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday.



## **Wivenhoe Dam (Full Supply Level 67.00 m AHD)**

River levels upstream of the dam have peaked and are falling slowly with significant inflow being generated from the intense heavy rainfall. Flows in the Brisbane River at Gregor's Ck have peaked at 7,350m<sup>3</sup>/s at 23:00 on Sunday 9 January. This peak is bigger than January 1974 and February 1999 at this location.

The dam level is rising quickly, with the current level being 70.77m AHD (storing 450,000 ML). Estimated peak inflow to the dam just from the Upper Brisbane R is around 8,800m<sup>3</sup>/s and, at this stage, the dam will reach at least 73.3 m AHD during Tuesday morning. Given the rapid increase in inflow volumes, it was necessary to start to increase the release from Wivenhoe during Monday morning.

The objective for dam operations will be to minimise the impact of urban flooding in areas downstream of the dam and, at this stage, releases will be kept below 3,500m<sup>3</sup>/s and the combined flows in the lower Brisbane will be limited to 4,000m<sup>3</sup>/s if possible. This is significantly less than the current estimated combined pre-dam peak inflow of 12,000 m<sup>3</sup>/s.

Fernvale Bridge approaches and Mt Crosby Weir Bridge have been inundated and both bridges are now closed.

The current release rate from Wivenhoe Dam is 1,753m<sup>3</sup>/s (150,000ML/day). Gate opening will continue to be increased during Monday and the release is expected to increase to at least 2,600m<sup>3</sup>/s in the next 12 to 24 hours.

Since the commencement of the event on 02/01/2011 approximately 275,000ML has been released from the dam, with an event total approaching 1,600,000ML without further rain and as much as 2,100,000ML with forecast rainfall of (both including Somerset outflow). At this stage, releases will continue until at least Sunday 16<sup>th</sup> January 2011.

## **Impacts downstream of Wivenhoe Dam**

The projected Wivenhoe Dam releases combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam. If the predicted rainfall eventuates in the downstream tributary catchments the resultant combined flows in the lower Brisbane may exceed the threshold of damaging discharge in the urban areas within the next 24 to 48 hours. Currently the estimate peak flow in the lower Brisbane River will be the highest since Wivenhoe Dam was completed in 1984 but still well below flows the 1974 levels.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

## **Outlook**

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate rapidly over the next 24 hours. The flood operation centre will continue to monitor the situation and provide every six hours until the situation stabilizes.

Seqwater Technical Officer name

Robert Drury



Seqwater Technical Officer position title	Dam Operations Manager

### BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

### Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator



**SRC Technical Officer contact details**

Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time		or Event	Change in strategy
--------------	------	-----------	------	--	----------	--------------------

## Karen Cowell

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Monday, 10 January 2011 1:42 PM  
**To:** Tim.Watts@ [REDACTED] Geoff.Stead@ [REDACTED] Ken Smith; Best Debbie  
**Cc:** Barry Dennien; Michael Lyons  
**Subject:** BCC communications update

For information, BCC communications had scheduled a media conference with the Deputy Mayor at 2pm.

BCC just confirmed that they are seeking to cancel this conference, pending ongoing discussions between the Premier and Mayor.

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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

**Disclaimer**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

## Karen Cowell

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Monday, 10 January 2011 4:22 PM  
**To:** stephen.robertson [REDACTED] Ken Smith;  
lance.mccallum [REDACTED] Tim.Watts [REDACTED]  
Geoff.Stead [REDACTED] Lauren.Sims@ [REDACTED] Best Debbie;  
'Martin.Peter [REDACTED] Dunn.KerryG@ [REDACTED]  
**Cc:** Paul Bird; SEQWGM Media; damien.brown [REDACTED] Reilly Bob;  
Madgwick.DarrenT [REDACTED] 'Stan Stevenson'; 'Stan Stevenson'  
**Subject:** Water Grid water supply update

All,

While most of the Water Grid is operating well, there are a number of incidents affecting areas with stand-alone supplies.

We have issued a boil water notice for areas supplied from a small treatment plant off Atkinson Dam. The treatment plant supplies about 20 people, including a couple of houses.

At Jimna and Linville we are relying upon treated water storage. These towns both have about 100 residences and are currently isolated. We are arranging site access for operators through EMQ. We will also work with EMQ to ensure that essential supplies are maintained. In the meantime, we are using local radio to ask residents to use water wisely. With efficient use, reservoir levels should be sufficient for at least two days.

At Kilcoy, the treatment plant is offline due to power outages. Energex is treating this as a priority but has not yet been able to access its site. In the meantime, we will ask local residents to use water wisely and develop contingency plans for resupply. While this is a larger town, reservoir levels should also be sufficient for at least two days with efficient use.

At Kenilworth, the treatment plant has been flooded and will be out of operation for some days. Three trucks have been arranged to start deliveries from tomorrow. These deliveries should be sufficient to maintain reservoirs at current levels (about two days supply).

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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

### Disclaimer

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



**Karen Cowell**

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 7:17 AM  
**To:** 'stephen.robertson@[REDACTED]'; Ken Smith; 'Lance McCallum (lance.mccallum@[REDACTED])'; Tim Watts [REDACTED]; 'Geoff Stead [REDACTED]'; 'lauren.sims [REDACTED]'; 'Martin.PeterJ [REDACTED]'; 'Dunn.KerryG [REDACTED]'; 'Rob Drury'; 'pbird [REDACTED]'; 'Damien Brown [REDACTED]'; 'bob.reilly [REDACTED]'; 'terry.wa [REDACTED]'; 'Madgwick.Darren [REDACTED]';  
**Cc:** Barry Dennien; 'pborrows [REDACTED]'; 'Rob Drury'; 'pbird [REDACTED]'; 'Damien Brown [REDACTED]'; 'bob.reilly [REDACTED]'; 'terry.wa [REDACTED]'; 'Madgwick.Darren [REDACTED]';  
**Subject:** Water Grid dam release strategy  
**Attachments:** Technical Situation Report W38.docx

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.

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/>.  
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-----

Your Anti-virus Service scanned this email. It is safe from known viruses.  
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



Swimming in weirs and  
flowing water is FA1

**rethink**



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)

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system. QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W38	Date of TSR release	11.1.2011	Time of TSR release	6.30am
------------	-----	---------------------	-----------	---------------------	--------

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Maintain releases to keep Wivenhoe below RL74 at which significant releases need to be made to ensure the dam security and minimise flood impacts downstream if possible</li> </ul>
Strategy	<ul style="list-style-type: none"> <li>Maintain current release of 2750cumecs as long as possible but it may need to be increased</li> <li>Close sluices at Somerset Dam to store more water however will affect upstream areas.</li> <li></li> </ul>
Key considerations	<div>Storage levels: Above FSL</div> <hr/> <div>Inflows: Inflows expected around 1,500,000ML which is close to 1974 event.</div> <hr/> <div>Rainfall: Continuing</div> <hr/> <div>Lockyer/Bremer: Monitoring their inflows</div> <hr/> <div>Brisbane River: Impact as below.</div>

### Rainfall

Rainfall continues in the North Pine Dam, Somerset Dam and Wivenhoe Dam catchments. Isolated falls in the Upper Brisbane River of up to 125 mm have been recorded with widespread falls of 40 to 70 mm in the Somerset Dam catchment. This rainfall will increase inflows into the dam.

There has also been 20 to 60 mm in the Lockyer Creek catchment in the last 12 hours with falls of up to 30 mm in the Bremer River.

A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 16:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (25mm to 50mm, with isolated falls to 100mm); Wivenhoe/Somerset Dam Catchments (25mm to 50mm, with isolated falls to 100mm).

#### North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is 39.80m AHD and has commenced rising again (storing 4,400ML above FSL). Five gates are open releasing 177 m3/s. The inflow into the dam since the commencement of the event is 77,000 ML. Estimated event volume is 88,000 ML assuming no further rainfall. Releases from the dam will continue until at least Wednesday 12 January 2011.

#### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.27m AHD and falling slowly. Peak inflow to the dam is estimated to be about



4,200 m<sup>3</sup>/s. Total discharge into Wivenhoe Dam is currently 1400 m<sup>3</sup>/s and this discharge will be decreased in the next few hours to be around 500 m<sup>3</sup>/s later on Tuesday. This is to ensure that the combined flood mitigation capacity in Somerset and Wivenhoe Dam is maximized.

The dam level peaked at 103.52m AHD at 19:00 on Monday 10 January 2011, (unless further significant rainfall is experienced). Areas around Kilcoy will continue to be adversely affected.

#### **Wivenhoe Dam (Full Supply Level 67.00 m AHD)**

The dam level is 73.51m AHD and rising at about 25 mm/hour. Releases from the dam have been held at a rate of 2,750 m<sup>3</sup>/s since 19:30 hours on Monday 10 January 2011. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing.

The BoM has provided further advice about the flash flooding experienced in the upper areas of Lockyer Creek. The rainfall responsible for this event was not observed at any rainfall stations but it is considered to be extreme. Flood levels in the Lockyer Creek catchment will exceed maximum recorded levels in some stations in the upper catchment. This flow will result in increases in Brisbane River levels below the junction of Lockyer Creek.

Five radial gates are currently open at the dam releasing about 2,750m<sup>3</sup>/s into the Brisbane River. At this stage, the dam will reach just over 74.0m AHD during Tuesday evening.

Above EL 74.0m AHD the objective for dam operations is to maintain the security of the dam and minimise downstream flood flows if possible.

If further rainfall occurs, dam releases may need to be increased further and this may result in river flows in the lower Brisbane River approaching or exceeding 5,000m<sup>3</sup>/s.

#### **Impacts downstream of Wivenhoe Dam**

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Sunday 16 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff and releases from Wivenhoe Dam.

The BoM will provide further information regarding the magnitude of the flash flood event occurring in Lockyer Creek early Tuesday morning. Consideration was given to modifying the releases from Wivenhoe Dam to try to moderate the peak flows emanating from Lockyer Creek but the rainfall in the past 12 hours in the catchment above the dam makes this option not possible. Therefore instead of decreasing releases to accommodate the Lockyer Creek flows, the strategy will endeavour to maintain the current releases until Lockyer Creek peaks.

#### **Outlook**

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate over the next 24 hours. The flood operation centre will continue to monitor the situation and provide situation reports every six hours until the situation stabilizes.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager



## BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

## Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

## Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

## Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--



## Karen Cowell

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 1:18 PM  
**To:** Madgwick.DarrenT [REDACTED]; stephen.robertson [REDACTED] Ken Smith; Lance McCallum [REDACTED] Tim Watts [REDACTED] lauren.sims [REDACTED] Martin.Peter.J [REDACTED] Dunn.KerryG [REDACTED] Debbie Best (debbie.best [REDACTED]); terry.wall [REDACTED] Geoff Stead (geoff.stead [REDACTED])  
**Cc:** Barry Dennien; Peter Borrows; Rob Drury [REDACTED] Stan Stevenson; Madgwick.DarrenT [REDACTED]  
**Subject:** Wivenhoe Dam release update  
**Attachments:** image001.png; Technical Situation Report W39 (2).docx

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

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## TECHNICAL SITUATION REPORT

TSR Number	W39	Date of TSR release	11.1.2011	Time of TSR release	12.00pm
------------	-----	---------------------	-----------	---------------------	---------

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Maintain releases to keep Wivenhoe below fuse plug initiation and releases need to be made to ensure the dam security and minimise flood impacts downstream if possible</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Maintain current release of 3970cumecs as long as possible but it may need to be increased</li> <li>Close sluices at Somerset Dam to store more water however will affect upstream areas.</li> <li>Current estimate of peak dam level is between EL74.5 and EL74.8 (assuming no further significant rainfall). However it is noted that rainfall is continuing across the catchment.</li> <li>Further rainfall in the next 3 hours will require releases to be increased in accordance with Strategy W4, page 29 of the Manual of Operational Procedures for Flood Mitigation at Wivenhoe Dam and Somerset Dam (Flood Operations Manual)</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected around 1,500,000ML which is close to 1974 event.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

#### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.30 AHD and rising. Peak inflow to the dam is estimated to be about 4,200 m<sup>3</sup>/s. Volume stored above FSL is 240,000ML at 163.3%

The dam level peaked at 103.52m AHD at 19:00 on Monday 10 January 2011, (unless further significant rainfall is experienced). Areas around Kilcoy will continue to be adversely affected.

#### Wivenhoe Dam (Full Supply Level 67.00 m AHD)

The dam level is 74.1m AHD and rising at about 25 mm/hour. Holding 930,000ML above FSL and 179.5%. Releases from the dam are currently 3,970cumec/s. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing.

At this stage it is considered that without further rainfall the dam can be kept at around 74.8m.

The aim is to prevent fuse plug initiation.

Currently the situation is being assessed every 3 hours.

If further rainfall occurs, dam releases may need to be increased further.

## Outlook

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate over the next 24 hours. The flood operation centre will continue to monitor the situation and provide situation reports every six hours until the situation stabilizes.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

## BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

## Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

## Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*



Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--



## Karen Cowell

---

**From:** Petula Martinz [redacted] on behalf of Dan Spiller  
[Daniel.Spiller@seqwater.com.au]  
**Sent:** Tuesday, 11 January 2011 7:01 PM  
**To:** Peter Martin; Kerry Dunn  
**Cc:** Ken Smith; john.bradley [redacted] Barry Dennien; Darren Madgwick; Tim Watts ;  
Lance McCallum  
**Subject:** FW: Request for logistic support - SEQ Water Grid  
**Attachments:** Water Supply outage Isolated town supply support request - 11111 at 1800h.xlsx  
**Importance:** High

All,

As noted below, there are a number of stand-alone towns in the Scenic Rim and Somerset areas that have run out of supply or are expected to do so tomorrow.

Most of these towns are isolated. While we have tanker trucks on standby, these cannot access the areas. We also cannot access the reservoirs to confirm the amount in storage and the need and priority to supply of bottled water.

Our recommendation is that a helicopter be prioritised to early tomorrow to:

- transport operators to the Kilcoy site, which should be able to recommence supply (avoiding the need for air supply of bottled water)
- transport a QUU and a Seqwater officer to other isolated towns, allowing them to confirm remaining reservoir levels and provide advice and the need for supply of bottled water.

We are preparing a proposed itinerary and timetable.

We appreciate that these resources will need to be prioritised against other needs. We appreciate your advice and assistance.

We are receiving good support on a number of other issues.

Regards,  
Dan

---

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 6:46 PM  
**To:** [sdcclog](#) [redacted]  
**Cc:** SEQWGM Emergency; Dan Spiller  
**Subject:** FW: Request for logistic support - SEQ Water Grid  
**Importance:** High

Further to the below, please find attached the latest update. Please note that Fernvale a sub-district of Lowood is now out of water. It is the highest priority for resupply of potable water within the attached list.

We do not have any internal capacity to carry out the resupply to Fernvale as it is cut off by road.

Please acknowledge receipt and do not hesitate to contact our Emergency Manager on [redacted] (24/7).

Regards,

Scott Denner  
Duty Emergency Executive  
[redacted]

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 4:25 PM  
**To:** 'sdcclogs@[REDACTED]'  
**Cc:** SEQWGM Emergency  
**Subject:** Request for logistic support - SEQ Water Grid

Per telecom at 1605hr, please find attached a log of requested support tasks consisting of 5 towns requiring the supply of potable water (thru tanker or bottled water), and one water treatment plant requiring a resupply of lime.

The attachment includes detail of the time-line for supply of water to townships, based on what remains within the reservoirs at present.

With regards to the Water Treatment Plant, we have procured some lime, but are unable to get it to the plant. The plant supplies approx 40,000 pers on the Sunshine Coast, and will fail within 24 hours.

Included in the attachment are the contact details for personnel at a local level best able to answer queries and to coordinate movements and local support.

Regards

Scott Denner  
Duty Emergency Executive  
[REDACTED]

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

Limited supply towns summary

Updated: 11-Jan-11 12:10pm

A message to conserve water has been issued to all towns in the following regions					
Region	Town	Asset owner	Point of contact	Supply status	Actions
Scenic Rim	Canungra	WTP - Seqwater		* WTP offline * Reservoir level - 94%, 2-3 days supply at current demand	* Monitoring supply
	Beaudesert	WTP - Seqwater		* WTP online * Reservoir level - 86%	* Monitoring supply
	South Maclean	WTP - Seqwater		* Being supplied by Logan City Council	* Supply should continue as normal
	Koorabyn	WTP - Seqwater		* WTP offline * Reservoirs full - 5-7 days supply	* Monitoring supply
	Rathdowney	WTP - Seqwater		* WTP online, maybe run twice today * Reservoirs full, only 50kL in each though * Break in mains last night, reservoirs re-filled	* Monitoring supply
	Moogerah	WTP - Seqwater		* Rec WTP offline	* Tankering water
	Boonah-Kalbar	WTP - Seqwater		* WTP online and all going OK, river level high	* Monitoring supply
Somerset/Lockyer Valley	No access to any WTPs. Some workers have been isolated on site.				
	Jimna	WTP - Seqwater		* Power off, no access * 1m in reservoir, unsure of supply limit	* Requesting bottled water * Monitoring levels * Awaiting access for water tankers
	Linville	WTP - Seqwater		* Power off, no access * Reservoir levels going OK	* Requesting bottled water * Monitoring supply * Awaiting access for water tankers and water transfer pump
	Kirkleagh	WTP - Seqwater		* No access	* Recreational plant, supply OK
	Kilcoy	WTP - Seqwater		* Power off, no access * 50% in town reservoirs - 24hr supply on current demand * No boosting for high level zones, loss of supply for some customers	* Requesting bottled water * SDCC/DDC request in progress * Awaiting Energex and EMQ assistance to gain access to WTP
	Lowood	WTP - Seqwater		* Power off, no access * Unsure of raw water pumps or raw water cells flooded * > 80% reservoir storage  If WTP out due to flooding for moderate period - affected towns and nearby reticulated estates requiring bottled water are Withcott, Helidon, Gatton, Grantham, Laidley, Forest Hill, Fernvale.  Lowood Reservoir 1 empty due to burst on Minden main. Likely no supply NOW to the towns and nearby reticulated areas of Minden, Coolana, Tarampa, Brightview, Hatton Vale, Lockrose, Lowood West. Supply volumes held in service reservoirs in the Lowood scheme unknown.	* Requesting bottled water * Town being evacuated * Unable to get close enough to confirm situation * Operator isolated and monitoring reservoir levels  Urgent bottled water supply for drinking will be likely on 12/1/11.
	Fernvale	QUU		* Burst main is draining reservoir - unsure of available volume	* Requesting bottled water
	Helensvale Exstate Withcott Table Top Estate Murphy's Creek	QUU		* Helidon Water Pump Station lost in floodwaters * Withcott reservoir empty and on supplies Table Top * Helidon P/S normally supplies Helensvale Estate	* Requesting bottled water
	Esk	WTP - Seqwater		* Power off, no access * Seqwater reservoir levels - 98% * QUU pump station to Toogoolawah down - therefore no transfer to town reservoirs * Severe flooding	* Requesting bottled water * WTP maybe available once access is possible
	Toogoolawah	QUU		* QUU pump station to Toogoolawah down - therefore no transfer to Toogoolawah * Severe flooding - can't access pump station	* Requesting bottled water
Sunshine Coast	Somerset Township	WTP - Seqwater		* Currently offline, no external access	* Will be operated by local dam operators if necessary
	Wivenhoe (recreation)	WTP - Seqwater		* Currently offline, no physical access	* Will be operated if necessary
	Kenilworth	WTP - Seqwater		* No power, no access * WTP will not be available, even after access due to loss of raw water pontoon * Reservoir levels - 45%, 48hrs supply max.	* Town isolated - contacting police at 12pm to check access * 3 tankers on stand-by as soon as access is granted
	Woodford	WTP - Seqwater		* WTP offline	* Supply from NPI
	Caboolture	WTP - Seqwater		* WTP offline	* Supply from NPI
	Banksia Beach	WTP - Seqwater		* Currently supplying Bribie Island	* Local workers running plant due to access issues



## Karen Cowell

---

**From:** Petula Martinz [redacted] on behalf of Dan Spiller  
[Daniel.Spiller@seqwater.govt.nz]  
**Sent:** Tuesday, 11 January 2011 9:04 PM  
**To:** Ken Smith; Dan Spiller; 'Martin.PeterJ [redacted]  
'Dunn.KerryG [redacted]  
**Cc:** 'John.bradley [redacted] Barry Dennien; 'Madgwick.DarrenT [redacted]  
'tim.watts [redacted] 'lance.mccallum [redacted]  
'dawson.alistaire [redacted]  
**Subject:** RE: Request for logistic support - SEQ Water Grid

Ken,

Seqwater has been able to access a commercial helicopter for the day. That will be sufficient for the survey of reservoirs.

We will still require assistance with the supply of bottled water, and will continue to liaise with SDCC about that.

Thanks for your assistance.

Dan

---

**From:** Ken Smith [redacted]  
**Sent:** Tuesday, 11 January 2011 7:06 PM  
**To:** Dan Spiller; 'Martin.PeterJ [redacted]; 'Dunn.KerryG [redacted]  
**Cc:** 'John.bradley [redacted] Barry Dennien; 'Madgwick.DarrenT [redacted]  
'tim.watts [redacted] 'lance.mccallum [redacted]; 'dawson.alistaire [redacted]  
**Subject:** Re: Request for logistic support - SEQ Water Grid

Dan

I will take up these logistical support issues with a/asst commissioner Alistair Dawson

---

**From:** Petula Martinz [redacted] >  
**To:** Peter Martin <[redacted]> Kerry Dunn [redacted]  
**Cc:** Ken Smith; john.bradley [redacted]; Barry Dennien  
<Barry.Dennien [redacted]>; Darren Madgwick [redacted]; Tim Watts  
<tim.watts [redacted]>; Lance McCallum [redacted]  
**Sent:** Tue Jan 11 19:00:36 2011  
**Subject:** FW: Request for logistic support - SEQ Water Grid

All,

As noted below, there are a number of stand-alone towns in the Scenic Rim and Somerset areas that have run out of supply or are expected to do so tomorrow.

Most of these towns are isolated. While we have tanker trucks on standby, these cannot access the areas. We also cannot access the reservoirs to confirm the amount in storage and the need and priority to supply of bottled water.

Our recommendation is that a helicopter be prioritised to early tomorrow to:

- transport operators to the Kilcoy site, which should be able to recommence supply (avoiding the need for air supply of bottled water)
- transport a QUU and a Seqwater officer to other isolated towns, allowing them to confirm remaining reservoir levels and provide advice and the need for supply of bottled water.



We are preparing a proposed itinerary and timetable.

We appreciate that these resources will need to be prioritised against other needs. We appreciate your advice and assistance.

We are receiving good support on a number of other issues.

Regards,  
Dan

---

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 6:46 PM  
**To:** sdcclogs@[REDACTED]  
**Cc:** SEQWGM Emergency; Dan Spiller  
**Subject:** FW: Request for logistic support - SEQ Water Grid  
**Importance:** High

Further to the below, please find attached the latest update. Please note that Fernvale a sub-district of Lowood is now out of water. It is the highest priority for resupply of potable water within the attached list.

We do not have any internal capacity to carry out the resupply to Fernvale as it is cut off by road.

Please acknowledge receipt and do not hesitate to contact our Emergency Manager on [REDACTED] (24/7).

Regards,

Scott Denner  
Duty Emergency Executive  
[REDACTED]

---

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 4:25 PM  
**To:** 'sdcclogs@[REDACTED]'  
**Cc:** SEQWGM Emergency  
**Subject:** Request for logistic support - SEQ Water Grid

Per telecom at 1605hr, please find attached a log of requested support tasks consisting of 5 towns requiring the supply of potable water (thru tanker or bottled water), and one water treatment plant requiring a resupply of lime.

The attachment includes detail of the time-line for supply of water to townships, based on what remains within the reservoirs at present.

With regards to the Water Treatment Plant, we have procured some lime, but are unable to get it to the plant. The plant supplies approx 40,000 pers on the Sunshine Coast, and will fail within 24 hours.

Included in the attachment are the contact details for personnel at a local level best able to answer queries and to coordinate movements and local support.

Regards

Scott Denner  
Duty Emergency Executive  
[REDACTED]

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

-----

-----

This email is intended only for the addressee. Its use is limited to that intended by the author at the time and it is not to be distributed without the author's consent.

Unless otherwise stated, the State of Queensland accepts no liability for the contents of this email except where subsequently confirmed in writing. The opinions expressed in this email are those of the author and do not necessarily represent the views of the State of Queensland. This email is confidential and may be subject to a claim of legal privilege.

If you have received this email in error, please notify the author and delete this message immediately.

-----

-----

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## Karen Cowell

---

**From:** Dan Spille [REDACTED]  
**Sent:** Tuesday, 11 January 2011 10:19 PM  
**To:** stephen.robertson [REDACTED]; Lance McCallum [REDACTED]  
(lance.mccallum [REDACTED]); Tim Watts [REDACTED]  
Geoff Stead [REDACTED]; lauren.sims [REDACTED]  
John Bradley [REDACTED]; Debbie Best [REDACTED]  
(debbie.best [REDACTED]); Martin.PeterJ [REDACTED]  
Dunn.KerryG [REDACTED]; Ken Smith [REDACTED]  
**Cc:** Rob Drury [REDACTED]; Barry Dennien; Peter Borrows; SEQWGM Media;  
SEQWGM Emergency; Madgwick.DarrenT@[REDACTED]  
**Subject:** Wivenhoe Dam update  
**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

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## TECHNICAL SITUATION REPORT

TSR Number	W44	Date of TSR release	11.1.2011	Time of TSR release	8pm
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Initiate the gradual reduction of releases.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe were in excess of 12000 cumecs.</li> <li>Maintain controlled releases.</li> <li>Keep sluices closed at Somerset Dam to store more water however will affect upstream areas.</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected well over 1,500,000ML.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected well over 1,500,000ML.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected well over 1,500,000ML.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Somerset/Wivenhoe

Our strategy revolves ensuring dam security and is around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m<sup>3</sup>/s in outflow from the dam in addition to the gate release which could be as high as 10,000m<sup>3</sup>/s at the time.

Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy. Somerset is at 104.78m holding 697,400ML and 183.6%.

Somerset should peak at around 105.2m (1974 peak level was 106.5m).

At 2100 Wivenhoe Dam was 74.95m AHD holding 2,223,000ML and 190.8% and slowly dropping.

The levels have now stabilized and commenced to fall slowly.

The FOC has begun an appropriate closure sequence to reduce releases. Releases will be reduced slowly throughout the night to track dropping levels. First reduction will be to around 7,100cumecs.

Assuming no further rain, the dam has now peaked around 74.97m AHD which was around 600mm below the first fuse plug initiation level.

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is also maintaining close contact with warning agencies and local councils.



It should be noted that the flow in the lower Brisbane R in 1974 was about 9,500m<sup>3</sup>/s

**North Pine Dam:**

Five gates are open and continuing to drop. Releases may still continue until Wednesday 12 January.

The local Council is being kept informed regarding Youngs Crossing.

**Leslie Harrison Dam:**

Gate releases are underway due to rainfall and inflows.

**Hinze Dam:**

A release of around 8,000 megalitres a day is being made through the emergency gates. There is no public access to the spillway.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

**BoM assessment**

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

**Brisbane City Council (BCC) assessment**

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

**Ipswich City Council (ICC) assessment (if required)**

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--



## Karen Cowell

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 10:40 PM  
**To:** Ken Smith; 'Martin.Peter [REDACTED]'; 'Dunn.Kerry [REDACTED]'  
**Cc:** 'John.bradley [REDACTED]'; Barry Dennien; 'Madgwick.DarrenT [REDACTED]'; 'tim.watts [REDACTED]'; 'lance.mccallum [REDACTED]'; 'dawson.alistaire [REDACTED]'  
**Subject:** RE: Request for logistic support - SEQ Water Grid

All,

A helicopter has been arranged through

Thank you for your assistance

Regards,  
Dan

---

**From:** Ken Smith [REDACTED]  
**Sent:** Tuesday, January 11, 2011 7:06 PM  
**To:** Dan Spiller; 'Martin.PeterJ [REDACTED]'; 'Dunn.KerryG [REDACTED]'  
**Cc:** 'John.bradley [REDACTED]'; Barry Dennien; 'Madgwick.DarrenT [REDACTED]'; 'tim.watts [REDACTED]'; 'lance.mccallum [REDACTED]'; 'dawson.alistaire [REDACTED]'  
**Subject:** Re: Request for logistic support - SEQ Water Grid

Dan

I will take up these logistical support issues with a/asst commissioner Alistair Dawson

---

**From:** Petula Martinz <[REDACTED]>  
**To:** Peter Martin [REDACTED]; Kerry Dunn [REDACTED]  
**Cc:** Ken Smith; John.bradley [REDACTED]; Barry Dennien [REDACTED]; Darren Madgwick [REDACTED]; Tim Watts [REDACTED]; Lance McCallum [REDACTED]  
**Sent:** Tue Jan 11 19:00:36 2011  
**Subject:** FW: Request for logistic support - SEQ Water Grid

All,

As noted below, there are a number of stand-alone towns in the Scenic Rim and Somerset areas that have run out of supply or are expected to do so tomorrow.

Most of these towns are isolated. While we have tanker trucks on standby, these cannot access the areas. We also cannot access the reservoirs to confirm the amount in storage and the need and priority to supply of bottled water.

Our recommendation is that a helicopter be prioritised to early tomorrow to:

- transport operators to the Kilcoy site, which should be able to recommence supply (avoiding the need for air supply of bottled water)
- transport a QUU and a Seqwater officer to other isolated towns, allowing them to confirm remaining reservoir levels and provide advice and the need for supply of bottled water.

We are preparing a proposed itinerary and timetable.

We appreciate that these resources will need to be prioritised against other needs. We appreciate your advice and assistance.

We are receiving good support on a number of other issues.

Regards,  
Dan

---

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 6:46 PM  
**To:** sdcclogs [REDACTED]  
**Cc:** SEQWGM Emergency; Dan Spiller  
**Subject:** FW: Request for logistic support - SEQ Water Grid  
**Importance:** High

Further to the below, please find attached the latest update. Please note that Fernvale a sub-district of Lowood is now out of water. It is the highest priority for resupply of potable water within the attached list.

We do not have any internal capacity to carry out the resupply to Fernvale as it is cut off by road.

Please acknowledge receipt and do not hesitate to contact our Emergency Manager on [REDACTED] (24/7).

Regards,

Scott Denner  
Duty Emergency Executive  
[REDACTED]

---

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 4:25 PM  
**To:** 'sdcclogs@ [REDACTED]  
**Cc:** SEQWGM Emergency  
**Subject:** Request for logistic support - SEQ Water Grid

Per telecom at 1605hr, please find attached a log of requested support tasks consisting of 5 towns requiring the supply of potable water (thru tanker or bottled water), and one water treatment plant requiring a resupply of lime.

The attachment includes detail of the time-line for supply of water to townships, based on what remains within the reservoirs at present.

With regards to the Water Treatment Plant, we have procured some lime, but are unable to get it to the plant. The plant supplies approx 40,000 pers on the Sunshine Coast, and will fail within 24 hours.

Included in the attachment are the contact details for personnel at a local level best able to answer queries and to coordinate movements and local support.

Regards

Scott Denner  
Duty Emergency Executive  
[REDACTED]

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

-----

-----

This email is intended only for the addressee. Its use is limited to that intended by the author at the time and it is not to be distributed without the author's consent.

Unless otherwise stated, the State of Queensland accepts no liability for the contents of this email except where subsequently confirmed in writing. The opinions expressed in this email are those of the author and do not necessarily represent the views of the State of Queensland. This email is confidential and may be subject to a claim of legal privilege.

If you have received this email in error, please notify the author and delete this message immediately.

-----

-----

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

**Karen Cowell**

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Tuesday, 11 January 2011 11:43 PM  
**To:** 'stephen.robertson [REDACTED]'; Ken Smith; 'john.bradley [REDACTED]';  
'Lance McCallum (lance.mccallum [REDACTED]'; 'Tim Watts  
(tim.watts [REDACTED]'; Geoff Stead [REDACTED]  
'lauren.sims [REDACTED]'; Martin.PeterJ [REDACTED]  
'Dunn.KerryG [REDACTED]  
**Cc:** Barry Dennien; 'pborrows [REDACTED]'; 'Rob Drury'; SEQWGM Media; SEQWGM  
Emergency; 'bob.reilly [REDACTED]'; 'Damien Brown  
(damien.brown [REDACTED]'; 'Madgwick.Darren [REDACTED]  
**Subject:** Updated Wivenhoe Dam releases  
**Attachments:** Technical Situation Report W46.docx

All,

Updated report attached.

At 2300, Wivenhoe Dam was at 74.92m AHD (190.4%) and holding.

The Flood Operations Centre has commenced a closure sequence. At 2330, releases will be reduced to 6,100 cubic metres per second.

The centre will continue to monitor rainfall and inflows and adjust as necessary.

With releases having peaked, the next report will be provided at 0500.

Regards,  
Dan

---

**From:** Rob Drury [REDACTED]  
**Sent:** Tuesday, January 11, 2011 11:21 PM  
**To:** Rob Drury; Dan Spiller; Paul Bird; Stan Stevenson; Peter Borrows; [Peter.Allen](#) [REDACTED]  
**Cc:** David Roberts; Duty Seq  
**Subject:** RE: Technical Report

Attached report W46.

Next report will be 5am Wednesday 12.1.2011.

Rob

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



Swimming in weirs and  
flowing water is FA

**rethink**



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)

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system. QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W46	Date of TSR release	11.1.2011	Time of TSR release	11pm
------------	-----	---------------------	-----------	---------------------	------

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Gradual reduction of releases.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe were in excess of 12000 cumecs.</li> <li>Maintain controlled releases.</li> <li>Keep sluices closed at Somerset Dam to store more water however will affect upstream areas.</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected well over 1,500,000ML.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected well over 1,500,000ML.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected well over 1,500,000ML.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Somerset/Wivenhoe

Our strategy revolves ensuring dam security and is around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m<sup>3</sup>/s in outflow from the dam in addition to the gate release which could be as high as 10,000m<sup>3</sup>/s at the time.

Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy. Somerset is at 104.90m holding 705,730ML and 185.8%.

Somerset should peak at around 105.2m (1974 peak level was 106.5m).

At 2300 Wivenhoe Dam was 74.92m AHD holding 2,219,000ML and 190.4%.

The FOC has begun an appropriate closure sequence to reduce releases. Releases will be reduced throughout the night to track dropping levels. Another reduction will commence around 23:30 to 6,100cumecs. Further reductions will occur over night.

Assuming no further rain, the dam peaked around 74.97m AHD which was around 600mm below the first fuse plug initiation level.

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is also maintaining close contact with warning agencies and local councils.

It should be noted that the flow in the lower Brisbane R in 1974 was about 9,500m<sup>3</sup>/s



**North Pine Dam:**

Five gates are open and continuing to drop. Releases may still continue until Wednesday 12 January.

The local Council is being kept informed regarding Youngs Crossing.

**Leslie Harrison Dam:**

Gate releases are underway due to rainfall and inflows.

**Hinze Dam:**

A release of around 8,000 megalitres a day is being made through the emergency gates. There is no public access to the spillway.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

**BoM assessment**

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

**Brisbane City Council (BCC) assessment**

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

**Ipswich City Council (ICC) assessment (if required)**

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	12.1.2011	Time	AM	or Event	
--------------	------	-----------	------	----	----------	--



## Karen Cowell

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 5:37 AM  
**To:** stephen.robertso [REDACTED]; Ken Smith; Bradley John; lance.mccallum [REDACTED]; Tim.Watt [REDACTED]; Geoff.Stead@ [REDACTED]; Lauren.Sims [REDACTED]; 'Martin.PeterJ [REDACTED]; Dunn.KerryG [REDACTED]; Best Debbie  
**Cc:** Barry Dennien; Peter Borrows; Rob Drury; SEQWGM Media; SEQWGM Emergency; Madgwick.DarrenT [REDACTED]; damien.brown [REDACTED]; Reilly Bob  
**Subject:** Dam release update  
**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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

### Disclaimer

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W47	Date of TSR release	12.1.2011	Time of TSR release	5am
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Gradual reduction of releases.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe were in excess of 12000 cumecs.</li> <li>Maintain controlled releases.</li> <li>Keep sluices closed at Somerset Dam to store more water however will affect upstream areas.</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected well over 1,500,000ML.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected well over 1,500,000ML.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected well over 1,500,000ML.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Somerset/Wivenhoe

Our strategy revolved ensuring dam security and was around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m<sup>3</sup>/s in outflow from the dam in addition to the gate release which could be as high as 10,000m<sup>3</sup>/s at the time.

Only minimal falls occurred overnight in the order of mm.

Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy. Somerset is at 105.1m holding 719730ML and 189.5%. Some flows are going over the Somerset spillway.

Somerset should peak at around 105.2m (1974 peak level was 106.5m).

At 0500 Wivenhoe Dam was 74.77m AHD holding 2,195,287ML and 188%.

The FOC has begun an appropriate closure sequence to reduce releases.

Current release rate is 4,300cumecs.  
Further reductions will occur throughout the week..

Assuming no further rain, the dam peaked around 74.97m AHD which was around 600mm below the first fuse plug initiation level.

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is also maintaining close contact with warning agencies and local councils.

It should be noted that the flow in the lower Brisbane R in 1974 was about 9,500m<sup>3</sup>/s

**North Pine Dam:**

Five gates are open and continuing to drop. Releases may still continue until Wednesday 12 January. The event magnitude is estimated to be a 1:10,000 year exceedance probability.

The local Council is being kept informed regarding Youngs Crossing.

**Leslie Harrison Dam:**

Gate releases are underway due to rainfall and inflows.

**Hinze Dam:**

A release of around 8,000 megalitres a day is being made through the emergency gates. There is no public access to the spillway.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

**BoM assessment**

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

**Brisbane City Council (BCC) assessment**

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	



### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	12.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--

**Karen Cowell**

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 9:00 AM  
**To:** 'stephen.robertson'; Ken Smith; 'Bradley John';  
'lance.mccallum'; 'Tim.Watts'; [REDACTED]  
'Geoff.Stead'; 'Lauren.Sims@'; [REDACTED]  
'Martin.PeterJ'; 'Dunn.KerryG'; 'Best Debbie'  
**Cc:** Barry Dennien; 'Peter Borrows'; 'Rob Drury'; SEQWGM Media; SEQWGM Emergency;  
'Madgwick.DarrenT'; 'damien.brown'; 'Reilly Bob'  
**Subject:** Dam release update  
**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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

**Disclaimer**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.



## TECHNICAL SITUATION REPORT

TSR Number	W48	Date of TSR release	12.1.2011	Time of TSR release	8am
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Gradual reduction of releases.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe were in excess of 12000 cumecs.</li> <li>Develop and implement closing plan for next 7 or so days</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected well over 2,000,000ML.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected well over 2,000,000ML.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected well over 2,000,000ML.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Rainfall

No significant rain has fallen over the catchments in the past twelve hours. Less than 10 to 15 millimeters of rainfall is expected over the next 24-48 hours.

### Somerset/Wivenhoe

Somerset Dam has peaked at 105.11 m AHD at 08:00 on 12 January 2011 and the dam is discharging 1,230 m<sup>3</sup>/s over the spillway. Sluice gates will be utilised to assist the draining of the flood storage compartment commencing later Wednesday. At 8am Somerset was 105.11m and 720,400ML at 189.7%.

Wivenhoe Dam peaked at 74.97 m AHD at 19:00 on 11 January 2011 with a corresponding discharge of 7,450 m<sup>3</sup>/s. Wivenhoe Dam was 74.75 m AHD at 2,192,000ML and 188.1% at 07:30 and generally falling slowly.

The releases from Wivenhoe Dam have been temporarily reduced to 2,500 m<sup>3</sup>/s at 07:30 to allow the peak of Lockyer Creek to enter the Brisbane River. After the downstream peak in the lower Brisbane River has passed, releases will be increased to maximum of 3,500 m<sup>3</sup>/s. This release will then be maintained to drain the flood storage component within the required 7 days.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be in excess of 2 million megalitres.

### North Pine

At 07:00 North Pine Dam was 39.78 m AHD falling and releasing about 105 m<sup>3</sup>/s. North Pine has

peaked at 41.11 mAHD at 14:00 on 11 January 1974 with peak release of 2,800 m3/s. The event has a volume of around 200,000 ML. It is expected that gates will be close later Wednesday or early Thursday

### Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is maintaining close contact with warning agencies and local councils.

#### Leslie Harrison Dam:

Gate releases are underway due to rainfall and inflows.

#### Hinze Dam:

A release of around 8,000 megalitres a day is being made through the emergency gates. There is no public access to the spillway.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

### BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

### Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	



### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	12.1.2011	Time	11am	or Event	
--------------	------	-----------	------	------	----------	--

**Karen Cowell**

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 3:52 PM  
**To:** 'stephen.roberts [REDACTED]'; Ken Smith; 'Bradley John';  
'lance.mccallum [REDACTED]'; Tim.Watt [REDACTED]  
'Geoff.Stead [REDACTED]'; Lauren.Sims [REDACTED]  
'Martin.PeterJ [REDACTED]'; Dunn.KerryG [REDACTED] 'Best Debbie'  
**Cc:** Barry Dennien; 'Peter Borrows'; 'Rob Drury'; SEQWGM Media; SEQWGM Emergency;  
'Madgwick.DarrenT [REDACTED]'; 'damien.brown [REDACTED]'; 'Reilly Bob';  
seqwgm [REDACTED]  
**Subject:** Dam release update  
**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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

**Disclaimer**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W50	Date of TSR release	12.1.2011	Time of TSR release	3pm
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Gradual release of stored floodwaters with minimal impact.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe were in excess of 12000 cumecs.</li> <li>Continue release of water from Somerset into Wivenhoe to reduce impacts upstream in Kilcoy area</li> <li>Maintain reduced release from Wivenhoe until Lockyer flows are reduced and then increase to discharge flood waters over 7 days</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected well over 2,300,000ML.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected well over 2,300,000ML.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected well over 2,300,000ML.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Rainfall

Rainfall in the last 12 hours is generally below 5mm with a couple of 10mm falls in the Stanley and North Pine catchments. There is no significant rain expected in the next 4 days.

### Somerset/Wivenhoe

Somerset Dam has peaked at 105.11 m AHD at 08:00 on 12 January 2011 and the dam has been discharging over the spillway. One sluice was opened at 1030 12 January 2011 and the dam is discharging 1,440 m<sup>3</sup>/s. Sluice gates will be utilised to drain of the flood storage compartment during the next 5 days.

At 3pm Somerset was 104.94m and 708,505ML at 186.5%.

Wivenhoe Dam peaked at 74.97 m AHD at 19:00 on 11 January 2011 with a corresponding discharge of 7,450 m<sup>3</sup>/s

The releases from Wivenhoe Dam have been temporarily reduced to 2,500 m<sup>3</sup>/s at 07:30 to allow the peak of Lockyer Creek to enter the Brisbane River. After the downstream peak in the lower Brisbane River has passed, releases will be increased to maximum of 3,500 m<sup>3</sup>/s. This release will then be maintained to drain the flood storage component within the required 7 days.

At 3pm Wivenhoe Dam was 74.81 m AHD at 2,201,636ML and 188.9% and fluctuating slightly due to the releases coming from Somerset but relatively steady.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be approximately 2.6 million megalitres.

### North Pine

North Pine peaked at 41.11 mAHD at 14:00 on 11 January 1974 with peak release of 2,800 m<sup>3</sup>/s. The event has a volume of around 200,000 ML.

At 3.00pm North Pine Dam was 39.74 mAHD and 217,370 ML and 101.4% and slowly falling. It is expected that gates will be closed Thursday or Friday.

### Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is maintaining close contact with warning agencies and local councils.

### Leslie Harrison Dam:

Gate releases are underway due to rainfall and inflows.

### Hinze Dam:

A release of around 8,000 megalitres a day is being made through the emergency gates. There is no public access to the spillway.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager
[REDACTED]	

### BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	[REDACTED]

### Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*



Council has been advised of the current strategy

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

#### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

#### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

#### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	12.1.2011	Time	8pm	or Event	
--------------	------	-----------	------	-----	----------	--



**Karen Cowell**

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Wednesday, 12 January 2011 8:34 PM  
**To:** 'stephen.roberts@seqwg.com.au'; Ken Smith; 'Bradley John';  
'lance.mccallum@seqwg.com.au'; Tim.Watts [REDACTED];  
'Geoff.Stead@seqwg.com.au'; Lauren.Sims [REDACTED];  
'Martin.PeterJ [REDACTED]'; 'Dunn.KerryG [REDACTED]'; 'Best Debbie'  
**Cc:** Barry Dennien; 'Peter Borrows'; 'Rob Drury'; SEQWGM Media; SEQWGM Emergency;  
'Madgwick.DarrenT [REDACTED]'; 'damien.brown [REDACTED]'; 'Reilly Bob';  
seqwgm [REDACTED]  
**Subject:** RE: Dam release update  
**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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

**Disclaimer**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

## TECHNICAL SITUATION REPORT

TSR Number	W51	Date of TSR release	12.1.2011	Time of TSR release	6pm
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Gradual release of stored floodwaters with minimal impact.</li> </ul>
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe were in excess of 12000 cumecs.</li> <li>Continue release of water from Somerset into Wivenhoe to reduce impacts upstream in Kilcoy area</li> <li>Maintain reduced release from Wivenhoe until Lockyer flows are reduced and then increase to discharge flood waters over 7 days</li> </ul>
Key considerations	Storage levels: Above FSL
	Inflows: Inflows expected well over 2,300,000ML.
	Rainfall: Continuing
	Lockyer/Bremer: Monitoring their inflows
	Brisbane River: Impact as below.

### Rainfall

Rainfall in the last 12 hours is generally below 5mm with a couple of 10mm falls in the Stanley and North Pine catchments. There is no significant rain expected in the next 4 days.

### Somerset/Wivenhoe

Somerset Dam has peaked at 105.11 mAHD at 06:00 on 12 January 2011. One sluice was opened at 1030 12 January 2011 and discharging 1,410 m<sup>3</sup>/s. Sluice gates will be utilised to drain of the flood storage compartment during the next 5 days.

At 5pm Somerset was 104.86m and 702,953ML at 185.1%.

Wivenhoe Dam peaked at 74.97 mAHD at 19:00 on 11 January 2011 with a corresponding discharge of 7,450 m<sup>3</sup>/s.

The release from Wivenhoe Dam was reduced to 2,500 m<sup>3</sup>/s at 07:30 12 January 2011 to allow the peak of Lockyer Creek to enter the Brisbane River and this release has been maintained since. After the downstream peak in the lower Brisbane River has passed, releases will be increased to maximum of 3,500 m<sup>3</sup>/s. The release is expected to commence Thursday and then be maintained at this level to drain the flood storage component within the required 7 days. The releases will not result in any renewed rises at downstream locations.



At 5pm Wivenhoe Dam was 74.82 m AHD at 2,203,223ML and 189.1% and fluctuating slightly due to the releases coming from Somerset but relatively steady.

The combined flood event volume in Somerset and Wivenhoe Dams is estimated to be approximately 2.6 million megalitres.

### North Pine

At 17:00 North Pine Dam had all gates open 1 increment, releasing about 80 m3/s. North Pine peaked at 41.11 mAHd at 14:00 on 11 January 2011 with peak release of 2,800 m3/s. The event has a volume of around 200,000 ML

At 5.00pm North Pine Dam was 39.74 mAHd and 217,370 ML and 101.4% and slowly falling. It is expected that gates will be closed Thursday or Friday.

### Strategy

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is maintaining close contact with warning agencies and local councils.

### Leslie Harrison Dam:

Gate releases finished late this afternoon.

### Hinze Dam:

A release of around 8,000 megalitres a day is being made through the emergency gates. There is no public access to the spillway.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

### BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	



### Brisbane City Council (BCC) assessment

(to include predicted local inundation areas and depths of inundation based on the information)

Council has been advised of the current strategy

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

### Ipswich City Council (ICC) assessment (if required)

(to include predicted local inundation areas and depths of inundation based on the information)

Council has been advised of the current strategy.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

(to include predicted local inundation areas and depths of inundation based on the information)

Council has been advised of the current strategy.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	13.1.2011	Time	8am	or Event	
--------------	------	-----------	------	-----	----------	--

**Karen Cowell**

---

**From:** Dan Spiller [REDACTED]  
**Sent:** Thursday, 13 January 2011 3:31 AM  
**To:** Ken Smith; 'Bradley John'; [REDACTED]  
'Martin.PeterJ [REDACTED]'; 'Dunn.KerryG [REDACTED]';  
'Tim.Watts@ [REDACTED]'; 'lance.mccallum [REDACTED]';  
'Geoff.Stead@ [REDACTED]'; 'stephen.robertson [REDACTED]';  
**Cc:** Barry Dennien; 'Madgwick.Darren [REDACTED]'; 'Best Debbie';  
seqwgm [REDACTED]  
**Subject:** Update on Water Grid supply situation  
**Attachments:** Water balance\_130111.docx

Update attached for information.

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

Regards,  
Daniel Spiller

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

### Central SEQ water balance

- On 12 January 2011, bulk water storage in central South East Queensland (Brisbane, Ipswich and Logan) reduced by a third from 338 to 215 ML.
- Most of the reduction was due to both of the Mt Crosby water treatment plants being taken offline.
  - The East Bank water treatment plant was partially inundated, forcing it to be shutdown for at least two days. Recovery is underway.
  - Raw water quality reduced during the day, causing treated water from the West Bank water treatment plant to exceed standard operational limits. Raw water quality increased from 1100 to 1700 NTU during the day.
- Without supply from Mt Crosby, key reservoirs around Ipswich would have been depleted on 13 January 2011.
- Table 1 lists expected production on 13 January. These are maximum production values, excluding any allowance for mechanical or other failures. By comparison, total production on 12 January was less than 200 ML due to Mt Crosby WTP being offline for much of the day and the Northern Pipeline Interconnector supplying north rather than south.
- The table also includes an indication of additional supplies that could potentially become available on 14 January, as the clean up commences. These additional supplies are subject to operational considerations, such as rectification of flood damage. Only some of these supplies are likely to become available.

**Table 1: Supply to central SEQ (Brisbane, Ipswich and Logan)**

Source	Planned production 13 January (ML)	Potential additional production from 14 January (ML)
Northern Pipeline Interconnector	25	
North Pine WTP	100	50
Petrie WTP	0	
Mt Crosby West Bank WTP	150	50
Mt Crosby East Bank WTP	0	100
Eastern Pipeline Interconnector	7	
Logan interconnector	20	
Southern Regional Water Pipeline <sup>1</sup>	100	110
Enoggera WTP and Brisbane Aquifer Project	0	TBD
<b>Total</b>	<b>402</b>	

<sup>1</sup> Includes supply from desalination facility.

- These supplies exceed estimated demand scenarios for the clean up period in central SEQ, as illustrated in Table 2. Forecasts are based on:
  - the proportion of residences in the area that are likely to be inundated
  - for impacted areas, demand being about double typical consumption



- for other areas, demand being around current levels.
- The forecasts highlight the importance of water conservation outside of the impacted areas, as a contingency against further operational issues (including an inability to bring on the potential additional supplies listed above).

**Table 2: Estimated demand scenarios for clean up period in central SEQ (Brisbane, Ipswich and Logan)**

Area	Typical	Low	Likely	High
Ipswich	42	55	61	67
Brisbane	270	265	294	324
Logan	48	43	48	53
<b>Total</b>	<b>360</b>	<b>363</b>	<b>403</b>	<b>443</b>

#### **Mt Crosby operating arrangements**

- As noted above, Mt Crosby West Bank WTP ceased production on 12 January 2011 due to treated water exceeding critical limits for normal operations.
- Alternative operating arrangements are now being applied, taking into account current catchment risks. These risks are considered to be considerably lessened, for a range of impacts including dilution.
- For the duration of the current flood event, the operating rules for the Mt Crosby water treatment plants are:
  - Minimum production of 150 ML/day
  - Achieve and maintain stable operation
  - Shutdown for operational reasons only, not treated water quality
  - Target of below 1 NTU in treated water
  - Periods of up to 2 NTU in treated water tolerable
  - Disinfection residual maintained at standard operating procedure
  - Note some discolouration may occur
- Queensland Health advised that:
  - Based on these operating rules, water supplied from the Mt Crosby water treatment plants is considered to have taken all necessary precautions to minimise the public health risk.
  - Further advice should be sought from Queensland Health should there be a prolonged trend to above 1.5 NTU in treated water. Production should not cease while this advice is sought. An evaluation will be made at that time to determine if water of above 2 NTU may still be safe to supply.

#### **Mt Crosby critical logistics**

- Continued operation of the Mt Crosby West Bank WTP is required to maintain water supplies in central SEQ.

- Chemical supplies are required in order to maintain continued operation. A dirt track is now accessible on the site, however supply routes from Brisbane are still flooded.
- Critical supplies are:
  - hypochlorite (2 days)
  - caustic soda (3 days)
  - alum (5 days).
- **Should supply routes not become open tomorrow, assistance will be required to transport chemicals to the site. Volumes required are relatively large.**
- Recommissioning of Mt Crosby East Bank WTP is a priority, to provide additional production and as a contingency in the event that chemicals are unable to be replenished at the site on the other side of the river.
- The East Bank WTP is both partially inundated and surrounded by flood waters, with access currently only able to be made by helicopter. A helicopter has been hired to transport additional staff to the WTP on the morning of 14 January. **It is critical that this helicopter not be reprioritised by EMQ.**

#### **Western SEQ towns supplies**

- Gatton is expected to run out of water overnight, following the loss of stored treated water.
- Supply is from the Lowood water treatment plant, which is offline due to loss of electricity and some operational issues. Energex has given electricity supply to the site a high priority.
- A number of smaller towns have already run out of supply or are expected to do so soon. QUU has started to supply bottled water to these towns via commercial helicopter.
- Tanker trucks will commence supply to towns as soon as they become accessible. **QUU is seeking advice about potential routes as they become available.**
- A boiled water notice is required when supply recommences after having run dry. A notice is required because of the risk of ingress into the pipelines. A number of these notices will be issued on 13 January 2011 for western towns.

**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 2:13 PM  
**To:** 'Daniel.Spiller'; 'Tim.Watts'; 'Geoff.Stead'; 'debbie.bes';  
**Cc:** 'Barry.Dennien'; 'Michael.Lyons';  
**Subject:** Re: BCC communications update

Thanks Dan

---

**From:** Dan Spiller  
**To:** Tim.Watts; Geoff.Stead;  
> Ken Smith; Best Debbie  
**Cc:** Barry Dennien; Michael Lyons <  
**Sent:** Mon Jan 10 13:42:29 2011  
**Subject:** BCC communications update

For information, BCC communications had scheduled a media conference with the Deputy Mayor at 2pm.

BCC just confirmed that they are seeking to cancel this conference, pending ongoing discussions between the Premier and Mayor.

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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

**Disclaimer**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Tuesday, 11 January 2011 7:06 PM  
**To:** 'Daniel.Spiller'; Martin.PeterJ  
Dunn.KerryG  
**Cc:** 'John.bradley'; Barry.Dennien  
'Madgwick.DarrenT'; 'tim.watts'  
'lance.mccallum'; 'dawson.alistaire'  
**Subject:** Re: Request for logistic support - SEQ Water Grid

Dan

I will take up these logistical support issues with asst commissioner Alistair Dawson

---

**From:** Petula Martinz < >  
**To:** Peter Martin <Martin.PeterJ >; Kerry Dunn < >  
**Cc:** Ken Smith; john.bradley <john.bradley >; Barry Dennien  
<Barry.Dennien >; Darren Madgwick < >; Tim Watts  
<tim.watts >; Lance McCallum < >  
**Sent:** Tue Jan 11 19:00:36 2011  
**Subject:** FW: Request for logistic support - SEQ Water Grid

All,

As noted below, there are a number of stand-alone towns in the Scenic Rim and Somerset areas that have run out of supply or are expected to do so tomorrow.

Most of these towns are isolated. While we have tanker trucks on standby, these cannot access the areas. We also cannot access the reservoirs to confirm the amount in storage and the need and priority to supply of bottled water.

Our recommendation is that a helicopter be prioritised to early tomorrow to:

- transport operators to the Kilcoy site, which should be able to recommence supply (avoiding the need for air supply of bottled water)
- transport a QUU and a Seqwater officer to other isolated towns, allowing them to confirm remaining reservoir levels and provide advice and the need for supply of bottled water.

We are preparing a proposed itinerary and timetable.

We appreciate that these resources will need to be prioritised against other needs. We appreciate your advice and assistance.

We are receiving good support on a number of other issues.

Regards,  
Dan

---

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 6:46 PM  
**To:** sdcclg  
**Cc:** SEQWGM Emergency; Dan Spiller  
**Subject:** FW: Request for logistic support - SEQ Water Grid  
**Importance:** High

Further to the below, please find attached the latest update. Please note that Fernvale a sub-district of Lowood is now out of water. It is the highest priority for resupply of potable water within the attached list.

We do not have any internal capacity to carry out the resupply to Fernvale as it is cut off by road.

Please acknowledge receipt and do not hesitate to contact our Emergency Manager on 3405 5201 (24/7).

Regards,

Scott Denner  
Duty Emergency Executive  
M: [REDACTED]

---

**From:** Lee Hutchison  
**Sent:** Tuesday, 11 January 2011 4:25 PM  
**To:** 'sdcclogs@ [REDACTED]'  
**Cc:** SEQWGM Emergency  
**Subject:** Request for logistic support - SEQ Water Grid

Per telecom at 1605hr, please find attached a log of requested support tasks consisting of 5 towns requiring the supply of potable water (thru tanker or bottled water), and one water treatment plant requiring a resupply of lime.

The attachment includes detail of the time-line for supply of water to townships, based on what remains within the reservoirs at present.

With regards to the Water Treatment Plant, we have procured some lime, but are unable to get it to the plant. The plant supplies approx 40,000 pers on the Sunshine Coast, and will fail within 24 hours.

Included in the attachment are the contact details for personnel at a local level best able to answer queries and to coordinate movements and local support.

Regards

Scott Denner  
Duty Emergency Executive  
[REDACTED]

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Tuesday, 11 January 2011 11:48 PM  
**To:** [REDACTED]  
**Subject:** Re: Updated Wivenhoe Dam releases

Thanks Dan.

---

**From:** Dan Spiller [REDACTED]  
**To:** 'stephen.robertson' [REDACTED]; Ken Smith; 'john.bradley' [REDACTED] 'Lance McCallum' [REDACTED] 'Tim Watts' [REDACTED] 'Geoff Stead' [REDACTED] 'Martin Peter' [REDACTED] 'Dunn.KerryG' [REDACTED]  
**Cc:** Barry Dennien [REDACTED] 'pborrows' [REDACTED] 'Rob Drury' [REDACTED]; SEQWGM Media [REDACTED]; SEQWGM Emergency [REDACTED] 'bob.reilly' [REDACTED] 'Damien Brown' [REDACTED] 'Madgwick.DarrenT' [REDACTED]  
**Sent:** Tue Jan 11 23:42:31 2011  
**Subject:** Updated Wivenhoe Dam releases

All,

Updated report attached.

At 2300, Wivenhoe Dam was at 74.92m AHD (190.4%) and holding.

The Flood Operations Centre has commenced a closure sequence. At 2330, releases will be reduced to 6,100 cubic metres per second.

The centre will continue to monitor rainfall and inflows and adjust as necessary.

With releases having peaked, the next report will be provided at 0500.

Regards,  
Dan

---

**From:** Rob Drury [REDACTED]  
**Sent:** Tuesday, January 11, 2011 11:21 PM  
**To:** Rob Drury; Dan Spiller; Paul Bird; Stan Stevenson; Peter Borrows; [Peter.Allen](#) [REDACTED]  
**Cc:** David Roberts; Duty Seq  
**Subject:** RE: Technical Report

Attached report W46.

Next report will be 5am Wednesday 12.1.2011.

Rob

**Robert Drury**  
Dam Operations Manager



Water Delivery  
Queensland Bulk Water Supply Authority trading as Seqwater



Swimming in weirs and  
flowing water is FA!

**rethink**



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)

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system. QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 3:18 PM  
**To:** 'colin.jensen' [REDACTED]  
**Subject:** Fw: 20,000 sand bags for BCC

Fyi

---

**From:** Warren Bridson [REDACTED]  
**To:** Ken Smith  
**Sent:** Mon Jan 10 15:14:35 2011  
**Subject:** RE: 20,000 sand bags for BCC

**Hello Ken,**

**I can confirm that we have 55,000 sand bags in our Brendale warehouse and I am making arrangements for 20,000 to be delivered to BCC.**

**The Area Director, Dave Mazzaferri is seeking advice from BCC where they need the bags delivered to for filling by them. BCC is best placed to contract trucks, loaders, sand and filling machines to fill the bags on site. Dave is discussing this proposal.**

**The remaining bags are held in reserve for Ipswich if asked for.**

**Regards,**

**Warren G. Bridson** ESM

Acting Assistant Director General  
Emergency Management Queensland

[REDACTED]

---

**From:** Ken Smith [REDACTED]  
**Sent:** Monday, 10 January 2011 2:26 PM  
**To:** Warren Bridson; Pointing Brettm  
**Cc:** 'colin.jensen' [REDACTED]  
**Subject:** 20,000 sand bags for BCC

Warren

I refer to our discussions re Ipswich and BCC earlier this afternoon. Could you organise deployment of 20,000 sand bags to BCC by COB tomorrow. Be great to get progressive deployment. Can you confirm once you have sourced and discuss with the BCC LDMG on where they want them. Thanks

Regards

**Ken Smith**  
Director-General



Department of the Premier and Cabinet

Phone  
Mobile  
Email:

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**

[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

-----  
This email is intended only for the addressee. Its use is limited to that intended by the author at the time and it is not to be distributed without the author's consent.

Unless otherwise stated, the State of Queensland accepts no liability for the contents of this email except where subsequently confirmed in writing. The opinions expressed in this email are those of the author and do not necessarily represent the views of the State of Queensland. This email is confidential and may be subject to a claim of legal privilege.

If you have received this email in error, please notify the author and delete this message immediately.  
-----

-----  
This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)



**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 7:04 PM  
**To:** 'stephen.becket' [REDACTED]  
**Subject:** FW: List of suburbs impacted by innundation from a 4,000 cumec river flow

Stephen

This is additional provisional information provided by BCC. They have a Local Disaster Management Committee tomorrow chaired by the Lord Mayor which the Deputy Premier attending. If you wanted to send out this more detailed list with properties potentially impacted, we should use words like provisional and potential. It is difficult to tie them down on their (ie BCC's) river height assumptions on Wednesday's high tide. As ever happy to discuss. If we are going to send out need to cut and paste form list

Regards

**Ken Smith**  
Director-General  
[Department of the Premier and Cabinet](#)

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

---

**From:** Colin Jensen [REDACTED]  
**Sent:** Monday, 10 January 2011 6:21 PM  
**To:** Ken Smith  
**Subject:** List of suburbs impacted by innundation from a 4,000 cumec river flow

Ken

Please find following, as discussed, some information on the consequence of river innundation likely to result from a river flow of 4,000 cubic meters per second.

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.

Regards

Colin Jensen  
Chief Executive Officer  
Brisbane City Council  
GPO Box 1434 | Brisbane Qld 4001  
Level 23, Brisbane Square | 266 George Street, Brisbane, Qld 4000  
Phone [REDACTED]  
Email: [REDACTED]

---

This message has passed through an insecure network.  
Please direct all enquiries to the message author.

---

**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 7:10 PM  
**To:** 'Paul Lucas'  
**Subject:** FW: List of suburbs impacted by inundation from a 4,000 cumec river flow

Deputy Premier

See below a list of areas and potential properties impacted with a river flow of 4,000 cubic metres per second. These are provisional and the impact in property as opposed to on land is unclear. Also the BCC assumptions of river height need to be tested with the BOM hydrologists. I have sent a map outlining the BCC modelled impacts under separate cover.

Regards

**Ken Smith**  
Director-General  
[Department of the Premier and Cabinet](#)

Phone: [REDACTED]  
Mobile: [REDACTED]  
Email: [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

---

**From:** Colin Jensen [REDACTED]  
**Sent:** Monday, 10 January 2011 6:21 PM  
**To:** Ken Smith  
**Subject:** List of suburbs impacted by inundation from a 4,000 cumec river flow

Ken

Please find following, as discussed, some information on the consequence of river inundation likely to result from a river flow of 4,000 cubic meters per second.

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.

Regards

Colin Jensen  
 Chief Executive Officer  
 Brisbane City Council  
 GPO Box 1434 | Brisbane Qld 4001  
 Level 23, Brisbane Square | 266 George Street, Brisbane, Qld 4000

---

This message has passed through an insecure network.  
 Please direct all enquiries to the message author.

---

**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 7:10 PM  
**To:** 'Paul Lucas'  
**Subject:** FW: BCC Innundation Map at 4000 cumecs  
**Attachments:** img-110173945-0001.jpg

Inundation map, as referred to under separate cover.

Regards

**Ken Smith**  
Director-General  
[Department of the Premier and Cabinet](#)

Phone: [REDACTED]  
Mobile: [REDACTED]  
Email: [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair -**  
[www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

 **Please consider the environment before printing this email (3 sheets of paper = 1 litre of water)**

---

**From:** Colin Jensen [REDACTED]  
**Sent:** Monday, 10 January 2011 6:09 PM  
**To:** Ken Smith  
**Subject:** BCC Innundation Map at 4000 cumecs

Ken

As discussed, please find attached a map showing the innundation in Brisbane that is estimated to result from a river flow of 4,000 cubic meters per second. Note that this only shows the river flooding not innundation from localised rain flooding.

Regards

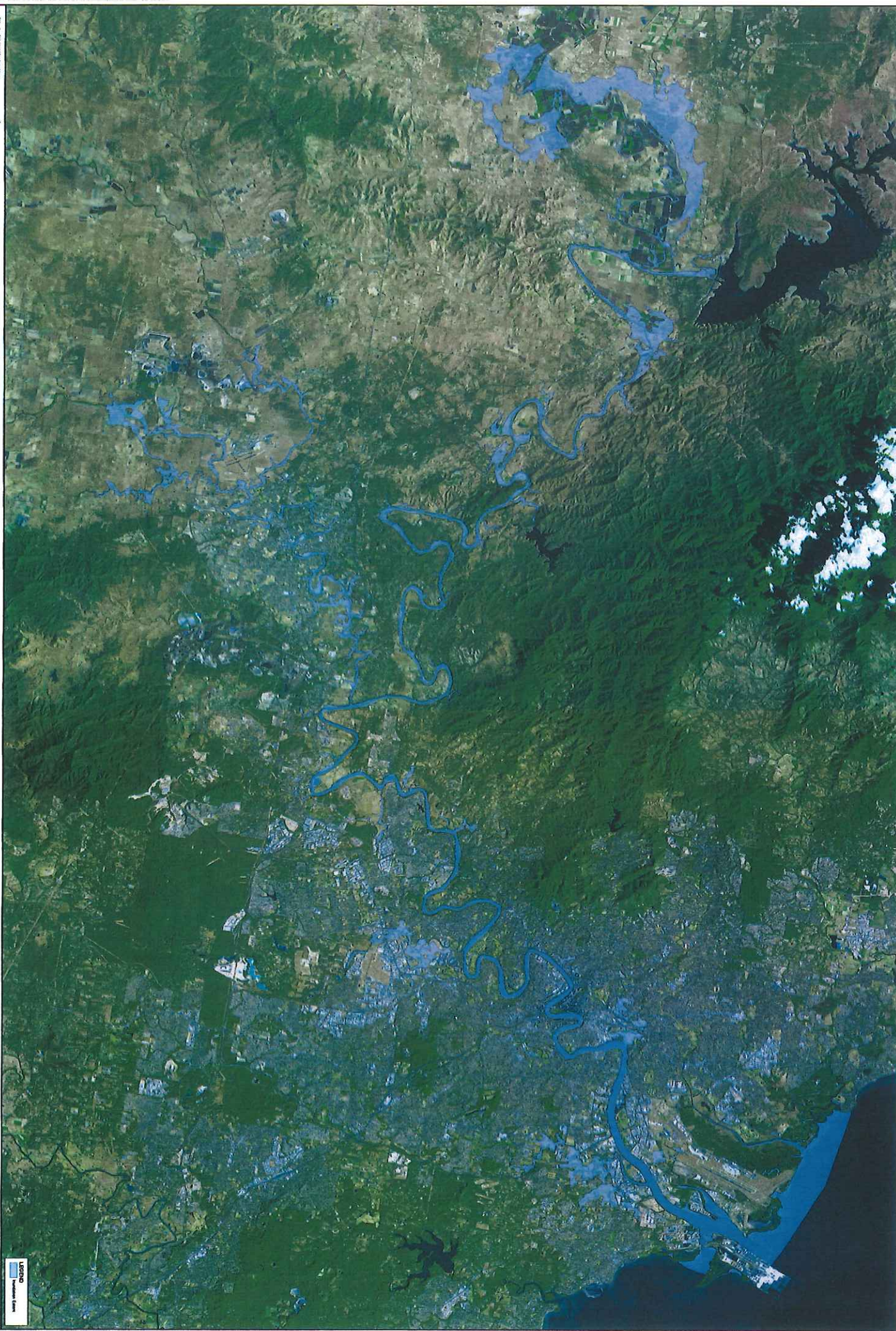
Colin Jensen  
Chief Executive Officer  
Brisbane City Council  
GPO Box 1434 | Brisbane Qld 4001  
Level 23, Brisbane Square | 266 George Street, Brisbane, Qld 4000  
Phone: [REDACTED]  
Email: [REDACTED]

---

This message has passed through an insecure network.  
Please direct all enquiries to the message author.

---





Aerial view Peak Discharge at Port Office Gauge Inundation Extent  
Figure 105



## Karen Cowell

**From:** Steven Dunn [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Sunday, 9 January 2011 3:48 PM  
**To:** ccc [REDACTED] DisasterManagement [REDACTED] Alistair Dawson; Andrew Somerville; bob.reilly [REDACTED] Brett Harrison; Pointing Brettm; Bruce Grady; Chris Broomfield; Colonel Luke Foster; corinne.mulholland [REDACTED] DCS Media; Debbie Best; 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 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]; John Ryan; 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] Neil 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 Warrener; Peter Willett (AG); peter.artemieff [REDACTED] 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 Brettm; ddc.bundaberg [REDACTED]; DDC.Cairns [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.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.Mountsa [REDACTED]; henderson.andrew [REDACTED]; Peter Martin; Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED] David Eastman (DIP); DERM Generic email; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; jackie.mooney [REDACTED] Jeff Shelberg; John Cawcutt; john.rossiter [REDACTED] Justin Fitzgerald; ksullivan [REDACTED]; michael.boyle [REDACTED] Michael Dart; Michael Dickinson; Michael Pecic; Michael Shapland; Neville.MOO [REDACTED]; noel.gillard [REDACTED]; norm.archer [REDACTED] Patrick Byrne; patrick.j.quirk [REDACTED]; Paul Adcock; Peta Robertson; peter.allen [REDACTED] QAS R5 South East Area Director; Peter Dunn; phil.carney [REDACTED] Phil Nickerson; russellhoward [REDACTED]; sbartlett [REDACTED] 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 Hermann; J.Davidson [REDACTED]; john.g.wright [REDACTED]; john.rossite [REDACTED]; Iratz [REDACTED] Michael Dart; Michael Franks; Paul Dimech; hahn.richard [REDACTED] Robert Schwartz; Scott Leonard; Sean Kenny; Steve Waddell; g.hoicombe [REDACTED] b.rolstone [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 (07) 3117 1092 if in Brisbane, otherwise dial 1300 300 805;
- 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.

=====

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

<b>Flooding Effects</b>	<b>External Flooding (yard and under house)</b>	<b>Internal flooding (across floorboards)</b>
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

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)

## Karen Cowell

**From:** Pauline Evans [Pauline.Evans@sdcc.qld.gov.au] on behalf of SDCC  
[SDCC@sdcc.qld.gov.au]  
**Sent:** Sunday, 9 January 2011 7:20 PM  
**To:** Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons;  
Craig Bartlett; David Eastman (DIP); DERM Generic email; Don  
Bletchly; Fiona Ferrier; graham.atkins@sdcc.qld.gov.au; Greg Eustace Health; Ian Dunn  
(ADF JOSS); Irina Stankovska; jackie.mooney@sdcc.qld.gov.au;  
Jeff Shelberg; John Cawcutt (jcawcutt@sdcc.qld.gov.au);  
john.rossiter@sdcc.qld.gov.au; Justin Fitzgerald;  
ksullivan@sdcc.qld.gov.au; michael.boyle@sdcc.qld.gov.au; Michael Dart;  
Michael Dickinson; Michael Pecic; Michael Shapland;  
Neville.MOORE@sdcc.qld.gov.au; noel.gillard@sdcc.qld.gov.au;  
norm.archer@sdcc.qld.gov.au; Patrick Byrne; patrick.i.quirk@sdcc.qld.gov.au;  
Paul Adcock; Peta Robertson; peter.allen@sdcc.qld.gov.au; Peter  
Chapman; Peter Dunn; phil.carney@sdcc.qld.gov.au;  
Phil Nickerson; russellhoward@sdcc.qld.gov.au;  
sbartlett@sdcc.qld.gov.au; State DC Group; trevor.dann@sdcc.qld.gov.au; Trevor  
Leverington; Warren Bridson; Aaron Groves; Anila.R.Fredericks@sdcc.qld.gov.au;  
Bernard Trembath; Bill Date; Conrad Adams; Daniel Altoft; Daniel Young;  
David Boulton; David Hermann; J.Davidson@sdcc.qld.gov.au;  
john.g.wright@sdcc.qld.gov.au; Iratz; Mike franks; Paul  
Dimech; hahn.richardj@sdcc.qld.gov.au; Robert Schwartz; Sean Kenny; Steve Waddell;  
bette kill acting DG till 24 Jan 11; Bob Atkinson (Queensland Police); Pointing Brettm;  
Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS;  
Gerard Bradley; Graeme Newton (DIP); greg\_hallan@sdcc.qld.gov.au;  
Ian.fletcher@sdcc.qld.gov.au; Jeannette Young (Queensland Health); Jim McGowan;  
John Bradley (DERM); Julie Grantham (DET); Ken Smith; Linda Apelt (DG Communities);  
Mai Grierson; Mick Reid; Natalie MacDonald acting DG DPW till 18  
Jan 11; Philip Reed; ccd@sdcc.qld.gov.au; DisasterManagement@sdcc.qld.gov.au; Adam  
Shortman; Andrew Somerville; bob.reilly@sdcc.qld.gov.au; Brett Harrison; Chris  
Broomfield; CIS Health; corinne.mulholland@sdcc.qld.gov.au; David Smith; DCS  
Media; Debbie Best; Desley Boyle; EMQ Regional Directors; Flood Recovery Taskforce;  
Gavin Trembath; Gerard Rabelink; GIS Operations; Grant Cassar (ADF);  
Harry.VENMANS@sdcc.qld.gov.au; Iain Macculloch (EMQ Kedron); Iain  
MacKenzie; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade Thompson; Jayne Barnes  
(QAS); Jeff Cheadle; John Gaskin.com.au; John Ryan; 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@sdcc.qld.gov.au; Owen Sadler (ADF); Paul Lucas;  
Paul Hobbs; Paul Lucas; Pauline Evans; Peter Cahill; Peter Twomey; Peter Warrenner;  
Peter Willett (AG); peter.artemieff@sdcc.qld.gov.au; QPS Media; Rai Whitten; Robbie  
Medlin; Robert Bundy; Rodney Walz; Roger Lye; Sarah Abbott; SDCC Kedron;  
SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC;  
shecc@sdcc.qld.gov.au; socc; socc@sdcc.qld.gov.au; Susan Grantham; Tim Wiebusch  
Vic SES; Tracey Rees; Trevor VanDam; B Hanbidge; Brett pointing;  
codd.brian@sdcc.qld.gov.au; ddc.bundaberg@sdcc.qld.gov.au;  
DDC.Cairns@sdcc.qld.gov.au; DDC.Charlevill@sdcc.qld.gov.au;  
DDC.Dalby@sdcc.qld.gov.au; DDC.Gladstone@sdcc.qld.gov.au; DDC Gold Coast;  
DDC.Gympie@sdcc.qld.gov.au; DDC.innisfail@sdcc.qld.gov.au; DDC Ipswich;  
DDC.Logan@sdcc.qld.gov.au; DDC.Longread@sdcc.qld.gov.au;  
DDC.Mackay@sdcc.qld.gov.au; DDC.mareeba@sdcc.qld.gov.au;  
DDC.Maryborough@sdcc.qld.gov.au; DDC.Redcliffe@sdcc.qld.gov.au; DDC  
Rockhampton; DDC.Roma@sdcc.qld.gov.au; DDC Sunshine Coast;  
DDC.Toowoomba@sdcc.qld.gov.au; DDC.Townsville@sdcc.qld.gov.au;  
powers.noel@sdcc.qld.gov.au; DDC.Warwick@sdcc.qld.gov.au;  
DDC.Brisbane@sdcc.qld.gov.au; DDC.MountIsa@sdcc.qld.gov.au;  
henderson.andrewc@sdcc.qld.gov.au; Peter Martin; Andrew Goodman; betty kiernan;  
karen.moss@sdcc.qld.gov.au; 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:** 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

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)



	Emergency Management <b>EMQ</b> Queensland	<b>Situation Report</b> State Disaster Coordination Centre		Queensland Government
<b>Event:</b> Central Coast Flooding December 2010				
<b>Daily SitRep No:</b> 017		<b>Time:</b> 20:00hrs	<b>Date:</b> 09/01/11	
<b>Distribution:</b> Minister, Director-General, Executive Director				
<b>From:</b> State Disaster Coordination Centre – Kedron Phone: [REDACTED] Facsimile: [REDACTED] Email: [REDACTED]				

## 1. Statewide Summary

- The Federal Minister for Regional Australia, Minister for Regional Development and Local Government, Minister for the Arts, the Honourable Simon Crean MP will be in Emerald tomorrow.
- Flooding of the Mary River has caused the Grigr Bridge on the Maleny Kenilworth Road Connondale to be submerged.
- Brisbane, Sunshine Coast and surrounding communities have a weather warning for heavy rainfall to occur tonight and tomorrow.
- At 1600hrs 4 kayakers at Woodford needed assistance at Stoney Creek, Woodford. QFRS Swift Water teams assisted.
- Helicopter evacuation occurred for 10 campers (children and elderly) stranded in the Amamoor Forest. Remaining 20 campers not currently in danger.
- As at 1810hrs, Dalby went back to response mode due to heavy rainfall
- Sunwater advised at 1830hrs that they have opened the floodgates at the Lesleigh Dam. This could cut the Cunningham Highway between Warwick and Inglewood at Sandy Creek Crossing about 8kms west of Warwick at an unknown time over the next few hours. SES is door knocking. SDCC is monitoring.
- There are 3,762 registered evacuees (total number of persons registered with Red Cross) as of 1400hours, Sunday, 9 January 2011.
- Dirranbandi, Thallon and Hebel are continuing to prepare for flood impacts.
- Rolleston and Dirranbandi continue to be cut off.
- Across the state, there are 167 houses inundated with water over floorboards, 2,542 with water in yards; 831 houses have been evacuated with 1,799 people currently evacuated. There are approximately 337 businesses affected.
- There are 6 evacuation centres operating across the state.
- Steve Jacobs from Channel 9 Today Show will be broadcasting the weather from SDCC, Kedron tomorrow.
- Channel 9 is planning a live telethon on Sunday night (1830 hours -2030 hours local time) to screen nationally to raise money for the flood appeal.

## 2. Regional Reports

### 2.1 North Coast Region

#### Kilcoy

- At 1500hrs township of Kilcoy was isolated due to flooding of the D'Aguilar Highway, in which the Kilcoy Creek bridge sustained surface damage.

- The McAuley Lane Bridge at Sandy Creek has washed away, isolating some 30 people.
- It is unsafe to use flood boats; any future evacuations will require airborne response.

#### **Caboolture**

- An elderly couple required assistance to evacuate their home due to water levels.

#### **Kingaroy**

- Township currently isolated.

#### **Gympie**

- The Mary River at Gympie is rising slowly and today at 1115hrs (at the Weir) was 14.27 metres; predicted to reach 16-17 metres tomorrow.
- Town is divided between the north and south with both major bridges under water.
- QPS, QAS and QFRS have established temporary stations on the south side to ensure continued service. QFRS have also established another site on the north side.
- Road transport is severely restricted due to flooded roads.
- Energex is disconnecting power to facilities at the 14.5m level. This mainly impacts Gympie Regional Council water and sewerage infrastructure and sporting venues.
- 20 people remain stranded at camping area at Amamoor forest, although safe.

#### **Maryborough**

- Lamington Bridge remains underwater.
- Medical Centre established at Granville Hockey Club (doctors, registered nurses and QAS)
- QFRS have placed an appliance and crew at Granville.
- The Mary River was at 8.2 metres and rising.
  - At 17m 13 businesses inundated in CBD.
  - At 18m 33 businesses inundated in CBD.
- Three houses and eight businesses inundated .
- The Fraser Coast Regional Council Flood Mitigation Plan has been implemented.
- Maryborough marina inundated affecting approximately four businesses.
- Ergon advised 47 customers now off supply - (22 residential and 25 Commercial).
- Twelve people self-evacuated from the caravan park.

#### **Cooloola Coast**

- Tin Can Bay, Cooloola Cove and Rainbow Beach are currently isolated but emergency services, council staff and local resources are available for assistance.

#### **Bundaberg**

- DDMG is now operating within the recovery phase.

#### **Mundubbera**

- 73 people have self evacuated.
- 22 houses have been affected
- Mundubbera (North Burnett Region) water is being tested on regular basis to ensure it meets health requirements.
- 1 Outreach team in town

### **2.2 Central Region**

#### **Emerald**

- Full recovery operations occurring at Emerald.
- 67 people staying in the evacuation centre (Emerald Agricultural College).



- **River level is 9.25 metres and falling as at 0630hrs, Sunday, 9 January 2011.**
- **Queensland Health are undertaking fogging to deal with Insect plagues.**
- 2,535 people have been registered as evacuees with Red Cross.
- Rail access to Emerald will be delayed for some time due to significant damage to rail lines.
- Emerald-Duaringa Water Pipeline. Sufficient water is being pumped until two pumps are repaired.

#### **Rockhampton**

- **River levels are at 9.15 metres and steady.**
- **An extensive public awareness campaign is currently being conducted throughout Rockhampton to advise residents of the recovery operations.**
- **131 registered evacuees remain in evacuation centres (one centre) and 73 domestic pets (348 registered with Red Cross).**
- **485 houses power disconnected.**
- Bruce Highway closed to the south closed at Yeppen flood plain and open to the north.
- Airport closed and unlikely to resume operations for the next 10 days.
- 150 homes have been inundated to floorboard level, it is possible for other outlying residences similarly affected. Exact numbers are unknown.
- 500 homes have been evacuated, with a few more self-evacuated from outlying areas.
- 150 commercial premises with inundation.

#### **Theodore**

- Repatriation planning has commenced and 17 assessment staff are on the ground.
- Residents will continue to return to Theodore between 8.00am and 4pm (no children or pets). Buses are running between Moura and Theodore to assist.
- Sewerage treatment plant is currently operational but not fully functioning. When reoccupation occurs, the sewerage treatment plant has enough stores for 2-3 days of waste. It is projected that full operations of the plant will not occur for 3-4 days.
- Potable water remains available from the ADF water treatment equipment
- Mains supply expected to be up and running by Wednesday, 12 January 2011.
- Evacuation centre is being relocated from Moura to the RSL hall at Theodore.
- Recovery centre at Theodore will be fully operational by Monday, 10 January 2011.
- Salvation Army has established a mess kitchen to feed residents and workers during the day
- The hotel is now open and the IGA is expected to open tomorrow.

### **2.3 South West Region (QPS Southern Region)**

#### **Chinchilla**

- One evacuation centre is open, with zero people in the evacuation centre.
- 28 houses and 30 businesses have been affected
- Water now available to all properties.
- Sewer system is full and residents advised not to enter the water due to health concerns.

#### **Condamine**

- **The Condamine River is expected to re-peak at 11.5m-12m in the middle of the week, with road access to the east closed at the Chinchilla Weir**
- **New Zealand SES workers arrived in Condamine to assist recovery operations.**
- **At 1200 hrs today the water level was 8.45 metres (1.65 metres below the bridge) and rising slowly.**
- 30 houses and seven businesses affected.
- Drinking water is contaminated but sufficient stock of bottled water is available.
- Portaloos are operational.

#### **Dalby**

- 13 persons in evacuation centre and 192 registered as evacuees with Red Cross.



- 10 houses and 2 businesses currently impacted but no additional houses have been inundated by the current rise of Myall Creek.
- Waters at Myall Creek are below the bridge at Patrick Street
- **Dalby water treatment plant is operational. Water reserves = 11 megalitres.**
- **Consumption on Saturday 8/1/11 was 3.3 megalitres.**
- Level 6 water restrictions remain in place.

#### **Dirranbandi**

- **Levee holding at present with 5.3 m of water surrounding town.** Peak expected 15-18 January 2011.
- Accessible only by air – once the main body of water arrives in the town it will be isolated for a number of weeks.
- The Castlereagh Highway between Dirranbandi and Hebel is closed with approx 0.8 metres across the road.
- Preparations for mosquito fogging and blackfly spraying are in place.
- Continuous patrols to be conducted by local council of the levee bank to ensure that any issues are promptly identified; no current concerns re the integrity of the levee bank.
- Additional supplies of insect repellent, torch batteries, baby formula, bread and milk have been delivered Saturday, 8 January 2011.
- An evacuation trigger point has been set at 14.25m however evacuation is not expected to occur.
- Councillor Robyn Fuhrmeister has been appointed Chair of the Recovery Committee. The Committee will meet in the coming days and will utilise the Community Recovery Plan which was developed for the March 2010 flood event.

#### **St George**

- **A family were housed in the evacuation centre last night.**
- **River height at St George (manual gauge) is 13.2 metres (2100hrs 8 January 2011) and holding.**
- **2 x RAN SEA-KING helicopters operational out of Roma to support flood relief efforts.**
- **Major resupply requests are expected by the end of the week.**
- Levees are being maintained at 14 metres. Contingency plans are in place to pump storm water back over the levee should the town receive additional heavy rainfall or any breaches occur.
- Fogging for mosquitoes and black fly continues in St. George.
- **There are currently 35 evacuees who are all staying with family and friends. There are 11 registrations with the Red Cross at the evacuation centre.**
- **Four houses inundated. 28 houses have water in their yards.**
- No rail to St. George.
- QFRS Flexible field habitat in place and QAS field hospital on standby if needed.

#### **Surat**

- **At 1100hrs 09.10.11 11.78 metres and falling slowly.**
- **Recovery operations are underway.**
- No rail to Surat.
- Vector control underway.

#### **Thallon**

- Isolated as a result of road closures.
- Levee bank has been secured and is continually being inspected and monitored.
- No evacuations, nil inundation or water affected properties.

### 3.0 SITREP AUTHORISATION

Prepared by:	Intelligence Cell	Signed: [Redacted]	Date/ Time: 9/1/11 1850hrs
Prepared by:	QPS Liaison Officer	Signed: [Redacted]	Date/ Time: 9/1/2011 1850 hrs.
Approved by:	SDCC Room Manager	Signed: [Redacted]	Date/ Time: 9 Jan 2011 1850hrs

The Queensland Emergency Management Report (QEMR) update will be issued at 0500 hours, Monday 10 January 2011.

The next SDCC situation report will be issued at 1700 hours, Monday 10 January 2011.

- Attachment 1: LDMG and DDMG Activation Status
- Attachment 2: Declarations/Activations
- Attachment 3: Transport Conditions
- Attachment 4: Weather
- Attachment 5: Agency Deployments
- Attachment 6: Agency/Stakeholder Reports
- Attachment 7: 132500 Statistics



**Attachment 1: LDMG and DDMG Activation Status**

ACTIVATION STATUS*	DISASTER MANAGEMENT GROUPS AND CENTRES
Stand up	SDCC
<b>DDMGs</b>	
Stand up	Gladstone Dalby Rockhampton Roma
Lean Forward	Townsville Bundaberg Toowoomba
Alert	Cairns Innisfail Mareeba Redcliffe Brisbane
Stand Down	Logan Charleville Gold Coast
<b>LDMGs</b>	
Stand up	Fraser Coast North Burnett Barcaldine Banana Western Downs Bundaberg Lockyer Valley Dalby Chinchilla Balonne Miles Rockhampton Maranoa Gympie
Lean Forward	South Burnett Sunshine Coast
Alert	Quilpie Moreton Redlands Sunshine Coast
Stand Down	Logan Ipswich Scenic Rim Murweh Brisbane Gold Coast Hinchinbrook Burdekin Charters Towers Townsville Toowoomba

**\*Definitions**

Alert – Monitor situation; no action required.

Lean Forward – on stand by; prepared but not activated.

Stand up – activated.



## Attachment 2: Declarations/Activations (as at 1500 7/1/11)

### Disaster Declarations

The Minister for Police, Corrective Services and Emergency Services has approved the following Disaster Declarations:

Disaster District	Date approved	Expiry Date
Dalby	28 December 2010	11 January 2011
Gladstone	28 December 2010	11 January 2011
Longreach (Barcaldine RC)	28 December 2010	11 January 2011
Bundaberg	29 December 2010	12 January 2011
Rockhampton	29 December 2010	12 January 2011
Roma	31 December 2010	14 January 2011

### Natural Disaster Relief and Recovery Arrangements (NDRRA)

The Minister for Police, Corrective Services and Emergency Services has recently approved the activation of the Natural Disaster Relief and Recovery Arrangements (NDRRA). The area defined for receipt of NDRRA relief measures is "Communities within Queensland affected by heavy rainfall and associated flooding, November – December 2010".

Commonwealth / State Natural Disaster Relief and Recovery Arrangements (NDRRA) have been activated for the following 49 locations as a result of weather events from November 2010 to January 2011:

LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Balonne Shire Council	✓ activated 10/12/10		✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Banana Shire Council	✓ activated 05/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 21/12/10	✓ activated 21/12/10	✓ activated 01/01/11	✓ activated 01/01/11
Barcaldine Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 01/01/11	✓ activated 01/01/11
Barcoo Shire Council	✓ activated 06/12/10		✓ activated 06/12/10					
Blackall-Tambo Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 06/12/10		
Brisbane City Council	✓ activated 07/01/11		✓ activated 07/01/11					
Bulloo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Bundaberg Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 06/12/10	✓ activated 01/01/11	✓ activated 03/01/11
Burdekin Shire Council	✓ activated 28/12/10							
Burke Shire	✓		✓					



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Council	activated 05/01/11		activated 05/01/11					
Cairns Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Carpentaria Shire Council	✓ activated 02/01/11		✓ activated 04/01/11					
Cassowary Coast Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Central Highlands Regional Council	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 21/12/10	✓ activated 27/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Charters Towers Regional Council	✓ activated 28/12/10							
Cherbourg Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 29/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Cook Shire Council	✓ activated 05/01/11		✓ activated 05/01/11					
Croydon Shire Council			✓ activated 07/01/11					
Fraser Coast Regional Council	✓ activated 06/12/10		✓ activated 06/12/10					
Gladstone Regional Council	✓ activated 06/12/10		✓ activated 29/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Gold Coast City Council	✓ activated 07/12/10		✓ activated 07/12/10					
Goondiwindi Regional Council	✓ activated 24/12/10		✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Gympie Regional Council			✓ activated 03/01/11					
Hinchinbrook Shire Council	✓ activated 28/12/10		✓ activated 28/12/10					
Ipswich City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Isaac Regional Council	✓ activated 07/12/10		✓ activated 07/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ ** (Part only) activated 05/01/11	✓ ** (Part Only) activated 05/01/11
Lockyer Valley Regional	✓ activated 09/12/10	✓ activated 28/12/10	✓ activated 09/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 09/12/10	✓ activated 01/01/11	✓ activated 09/01/11

LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Council								
Logan City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Longreach Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Mackay Regional Council	✓ activated 05/12/10	✓ activated 29/12/10	✓ activated 07/12/10					
Maranoa Regional Council	✓ activated 19/12/10	✓ activated 07/01/11	✓ activated 19/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Moreton Bay Regional Council	✓ activated 21/12/10		✓ activated 21/12/10					
Murweh Shire Council	✓ activated 10/12/10	✓ activated 07/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
North Burnett Regional Council	✓ activated 21/12/10	✓ activated 29/12/10	✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Paroo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Quilpie Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Redland City Council	✓ activated 07/01/11							
Rockhampton Regional Council	✓ activated 06/12/10	✓ activated 03/01/11	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/01/11	✓ activated 05/01/11
Scenic Rim Regional Council	✓ activated 07/12/10		✓ activated 07/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Somerset Regional Council	✓ activated 21/12/10		✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
South Burnett Regional Council	✓ activated 24/12/10		✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 01/01/11	✓ activated 01/01/11
Southern Downs Regional Council	✓ activated 28/12/10	✓ activated 28/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 01/01/11	✓ activated 01/01/11
Sunshine Coast Regional Council	✓ activated 21/12/10		✓ activated 21/12/10					
Tablelands Regional	✓ activated 27/12/10		✓ activated 28/12/10					



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Council								
Toowoomba Regional Council	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Torres Shire Council			✓ activated 03/01/11					
Townsville City Council	✓ activated 30/12/10		✓ activated 03/01/11					
Western Downs Regional Council	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Woorabinda Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11

### **Attachment 3: Transport Conditions**

#### **Roads currently closed (as at 1528hrs, 09/01/11):**

- Barwon Highway - west of Goondiwindi
- Bruce Highway - north of Gladstone
- Bruce Highway - south of Gympie
- Canarvon 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
- Warrego Highway - west of Dalby

Please note these closures are subject to change on short notice

## **Attachment 4: Weather (BOM)**

Issued at 4:10 pm EST on Sunday 9 January 2011

### **Weather Situation**

A weak monsoon trough extends over the northern tropics. An upper level low lies near the Wide Bay coast and will continue moving towards the southwest over land during the next couple of days. A surface trough near the southern Queensland coast will move slowly westwards.

### **Forecast for the rest of Sunday**

Rain areas and thunderstorms over southeastern districts and the Maranoa with moderate to heavy falls about the Southeast Coast and southern Wide Bay and Burnett district. Showers and isolated thunderstorms over most of the rest of the state, though fine in the far southwest. Moderate to fresh SE to NE winds over southern Queensland, strong at times along the southeast coast and about the higher ground of the southeast interior. Moderate to fresh SW to NW winds in the far north. Light winds elsewhere.

### **Forecast for Monday**

Rain areas and thunderstorms over southern areas of Qld, with moderate to heavy falls about the Southeast Coast, southern Wide Bay and Burnett and into the Darling Downs and Granite Belt. Rain areas and thunderstorms over the Queensland tropics. Showers and thunderstorms elsewhere, though mostly fine over the northern Channel Country with possible showers or thunderstorms. Moderate SE to NE winds in the south, tending fresh and gusty in the southeast. Light to moderate NE to NW winds elsewhere.

### **Forecast for Tuesday**

The upper level low will continue to move southwest and merge with a trough over eastern South Australia. Moist NE winds will continue to produce rain areas over southeastern districts, with possible locally heavy falls over the Southeast Coast District and southeastern parts of the Darling Downs and Granite Belt district. The monsoon trough will continue to move south over the Northern Territory, extending rain areas and thunderstorms further south over the Queensland tropics and the Northwest district. Isolated showers and thunderstorms continuing elsewhere, more scattered in the Channel Country.

### **Forecast for Wednesday**

A 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. Scattered showers along the central coast. Isolated showers and inland thunderstorms elsewhere

### **Forecast for Thursday**

The monsoon trough continues to move slowly southwards, with rain areas and thunderstorms affecting most of western and northern Queensland. Isolated showers in eastern districts in the fresh to strong SE winds as the ridge firms along the east coast, extending to adjacent inland parts. Isolated showers and thunderstorms elsewhere.

### **Outlook for Friday, Saturday and Sunday**

A ridge of high pressure will dominate weather over central and southeast 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 rain areas and thunderstorms continuing



## Attachment 5: Agency Deployments

### Queensland Fire and Rescue

Incident Management Teams (IMT)		39 Personnel
Rockhampton	18 Personnel	
Emerald	13 Personnel	
Biloela	1 Personnel	
Toowoomba	2 Personnel	
Roma	3 Personnel	
Dalby	2 Personnel	
Air Operations		5 Personnel
Biloela	5 Personnel	
Fire Communications		2 Personnel
Rockhampton	2 Personnel	
Swift Water Team Deployment Locations		21 Personnel
Emerald	4 Personnel	
St George	6 Personnel	
Roma	4 Personnel	
Toowoomba	4 Personnel	
Rockhampton	3 Personnel	
Flexible Habitat		10 Personnel
St George - Flexible Habitat	10 Personnel	
Transport – Special Ops		2 Personnel
Central Region -	2 Personnel	
Total QFRS Personnel Returned (to date)		123 Personnel
Current QFRS Personnel Deployed		79 Personnel
Total QFRS Personnel Deployed (to date)		<u>202 Personnel</u>

### Queensland Police Service

Alpha	2
Barcaldine	1
Emerald	1
Gladstone	8
Jericho	1
Moura	2
Rockhampton	89
Roma	6
St George	9
Theodore	12
Woorabinda	7
Total	151

### Emergency Management Queensland (as at 8-1-11)

- Mt Isa - Nil
- Biloela/Theodore - 2
- Emerald - 6
- Dalby - 2
- Rockhampton - 3
- Bundaberg - 2
- Roma - 3
- St George – 6

**State Emergency Service (as at 8-1-11)**

TASK FORCE	FROM	TO	START	END	TOTAL
TF Alpha	Brisbane	Dalby	28/12/2010	31/12/2010	2
TF Bravo	Brisbane	Dalby	29/12/2010	1/01/2011	2
TF Charlie	Far North	Rockhampton	1/01/2011	6/01/2011	14
CR TF Alpha	Central	Rockhampton	1/01/2011	7/01/2011	15
TF Echo	Brisbane	Emerald	2/01/2011	6/01/2011	19
NCR TF Alpha	North Coast	Bundaberg	2/01/2011	6/01/2011	28
TF Delta	South East	Chinchilla/Dalby	2/01/2011	7/01/2011	20
TF Foxtrot	Far North	Emerald	2/01/2011	6/01/2011	19
SW TF Alpha	Toowoomba	St George	5/01/2011	9/01/2011	6
NCR TF Bravo	North Coast	Bundaberg	5/01/2011	9/01/2011	16
TF Golf	Victoria	Biloela/Theodore	6/01/2011	10/01/2011	22
TF Hotel	South East	Condamine	8/01/2011	12/01/2011	5
TF Hotel	NZ	Condamine	8/01/2011	12/01/2011	15
TF India	Far North	Emerald	7/01/2011	11/01/2011	26
TF Juliet	Northern	Biloela	10/01/2011	14/01/2011	25

**QBuild**

- 12 staff deployed from Brisbane (6 electricians, 1 refrigeration mechanic, 4 condition assessors and 1 supervisor) to Capella.
- QBuild Capricornia region - the two QBuild staff located in the Emerald Township and the two QBuild staff located at the Cotton Gin (east side of Nogoa River) have now joined and are presently working to have the QBuild Emerald depot operational



## **Attachment 6: Agency / Stakeholder Reports**

### **QAS**

Gladstone: helicopter operations continue within the area. TMC in place at airport. A teleconference will be held at 1830hrs today with Q Health to discuss ongoing operation of the TMC

Theodore: QAS operations established at the local RSL hall. QAS facility currently unservicable.

St George: QAS continues to provide a TMC support health services. Flood level peaked below forecast. Limited access via road. ADF helicopter deployed at Roma able to assist with medical cases. QAS Fight paramedic also stationed at St George

Condamine: 2 officers in place while recovery efforts underway. 4WD capability.

Maryborough: Localised flooding of Bruce Highway. QAS moved to south-east side of river; Granville. Peak level in Maryborough is expected to be approx 8.4 metres.

Gympie: Peak in Gympie is projected at between 16 and 17 metres which will result in inundation of some lower areas of the township. North Coast Region are currently preparing a service delivery strategy for Gympie in expectation of the projected water levels

### **Dirranbandi**

2 officers in place while recovery efforts underway. 4WD capability

### **QFRS**

- Warwick Station: water through station. Estimated 3-6 weeks until back to normal business.
- Wandoan Station: Electrical equipment damage (server and siren). Estimated 3-4 weeks until back to normal business.
- 2 swift water rescues performed at Gracemere and Water Park Creek
- Biloela: All Rapid Damage Assessments and Primary and Secondary searches are completed for the town of Theodore excluding approximately 10 properties that remain in accessible. 147 premises assessed in total.
- Emerald: All Rapid Damage Assessments and Primary and Secondary searches are completed for the town. 630 premises in total

### **Red Cross**

- Red Cross Emergency Services has implemented an Incident Management Team to respond to the current flooding event. Requests from relevant LDMGs to DDCs are in place
- Evacuation Centres are being managed in Moura (for evacuated Theodore residents), Emerald, Dalby (including for Condamine residents), St George and Rockhampton.
- Recovery is being carried out in Moura, Theodore, Chinchilla, Bundaberg, Rockhampton and Emerald, assisting with an Information Centre in Dalby, and Outreach in Bundaberg, Chinchilla, Dalby, Monto, Gayndah and Mundubbera

### **Department of Communities (DoC)**

#### **EMERGING ISSUES - STATEWIDE:**

- Renewed rainfall has again impacted on road conditions and the ability of DoC to conduct outreach particularly to outlying areas.
- DoC is working with community representatives and local councils in a number of locations to explore options for medium to long term accommodation whilst repairs to houses are being undertaken.
- DoC staff and partner agencies are monitoring residents' anxiety as they continue with clean-up, particularly in those communities where evacuated residents are gradually being allowed to return.

Towns with recovery centres and how many recovery centres

- Bundaberg – PCYC



- Chinchilla – Recovery Coordination and Information Centre
- Emerald – McIndoe Park
- Rockhampton – Showgrounds
- Moura – (from the evacuation centre)
- Theodore – RSL Club (opening Monday 10 January 2011)

TOTAL – 5 Recovery Centres (active) and one (Theodore) tomorrow

#### Number of Outreach Teams in each Town

##### South West Qld

- Dalby – 3
- Miles – 1
- Condamine – 2
- Warwick – 1
- Tara – 4
- Warra – 1
- Lockyer Valley – 1
- Toowoomba – 1
- Chinchilla - 1

##### Central Qld

- Taroom - 1
- Emerald – 8
- Biloela – 1
- Bundaberg – 6 (Bundaberg, Bargara, Burnett Heads, Morganville, South Kolan)
- Dingo – 2

#### Number of People Receiving Outreach Services – cumulative

Outreach teams continue to conduct impact assessments in addition to individual client visits

- 81 visits today
- 407 cumulative visits

#### Number of calls to 1800 number (as COB Saturday 8 January)

- 199

#### Number of calls to 1800 (cumulative – as at COB Saturday 8 January)

- 5,825

#### Staffing State Wide

DoC Staff	200
Lifeline, Red Cross Staff	416
<b>Total</b>	<b>616</b>

### 3. Community Impact

#### Human/Social –

##### Disaster Recovery Hotline – 1800 173 349 \*

Sat 08/01	Sun 09/01	Mon 10/01	Tues 11/01	Wed 12/01	Thur 13/01	Fri 14/01	Total Week Ending 14 Jan '11	Total to date
199								5,825

\*These figures include calls relating to all activated Local Government areas. Information for this table is sourced from daily reports provided by Smart Service Queensland.

##### Department of Communities Community Recovery Internet Site

Sat 08/01	Sun 09/01	Mon 10/01	Tues 11/01	Wed 12/01	Thur 13/01	Fri 14/01	Total Week Ending 14 Jan '11	Total to date
NA	NA							3,321*

\* Figure as at 5:00pm Friday 07 January 2011. Reports unavailable over weekend.

#### EMQ Update

##### South West Queensland Region:

- Minister Struthers will be visiting the Toowoomba Recovery Coordination Centre, Dalby and Chinchilla on Wednesday (12 December 2011) to see community recovery in action and speak to staff and some members of the community.
- The department is informed that by the end of today all buildings within Condamine will have been cleaned (hosed out).
- Road closures in the region continue to hamper recovery activities – particularly outreach to smaller outlying communities. Staff are being advised to drive with caution and not to enter flood waters.
- Road closures increasing in the Surat, St George and Dirranbandi areas due to progress of the flood peak in the Balonne River.
- Waiting on further information as to whether residents who experienced additional flooding at Dalby last week will be able to reclaim. The department is seeking advice from the NDRRA policy team in Department of Community Safety.

##### Central Queensland Region:

- Concern has been expressed regarding the potential for different reconnection arrangements for customers where Ergon is reconnecting supply in different communities. The department will seek advice from the LDMG and Ergon.
- Assessment conducted to date on initial applications for Structural Assistance Grants indicate that a high percentage is likely to be ineligible on the basis of means test or insurance status. Department plans to conduct additional outreach visits to these applicants to assist with identification of other financial assistance that they may be able to explore
- Timing for residents to return to Theodore remains a critical issue as it is dependent on access to town water.
- The Mayor of Rockhampton Regional Council has concern about confusion of roles between Local Disaster Recovery and Major General Slater's role with the Recovery Taskforce.

#### Queensland Heath

##### St George

- No emerging health issues.
- Flood water has peaked today (09.01.2011) at 13.2m with levels expected to fall slowly.



- The TMF will remain insitu for the immediate future pending additional rainfall in the Balonne River catchment area.

#### **Dirranbandi**

- A team, comprising an Indigenous health worker; community health nurse; adult mental health worker; a social worker; and a child youth mental health worker deployed today (08.01.2011) to support St George Evacuation Centre.
- 1 community-based pregnant woman aero medically evacuated to Toowoomba today (08.01.2011) due to elective caesarean section scheduled for 19.01.2011.
- Pathology specimens were flown out on the evacuation flight and transported to Toowoomba Hospital lab for processing.
- Relieving locum to be removed today (10.01.2011). One nurse and supplies will be air lifted by helicopter at the same time.
- As the flood peak is not expected till 15th-18th January and expected to remain up 7-10 days staffing requirements will be monitored.

#### **Surat**

- 2 deployed nurses from Brisbane transported by SES boat across flood waters to get to Roma to fly back to Brisbane. One nurse will fly into Roma then to go on to Surat by car and boat on Monday 9.01.2011).

#### **Rockhampton**

- Now it is anticipated that southern access to the Bruce Highway will be open on Friday (14.01.2011).
- The capacity of the morgue is being monitored. Q Build will be contacted should it be determined that additional temporary refrigeration facilities are required.
- The Hospital Pathology Lab has been closed due to extensive damage to the ceiling. Arrangements are in place for urgent pathology requests to be directed to the local private pathologies and routine requests to be sent to Brisbane via Mackay.
- Daily liaison in place with district hospitals to monitor potential need for patient evacuations.

#### **Gracemere**

- 2 patients were evacuated to Rockhampton Hospital by helicopter on Saturday (08.01.2011)

#### **Gladstone**

- Tactical Medical Facility is to be closed as agreed at 18.00 hours today (09.01.2011).
- 3 patients to be transferred from Rockhampton to Brisbane today (09.01.2011). Staging is not required for them.

#### **Emerald**

- Mackay resources, assisting with the Human-Social recovery response at Emerald, have returned to Mackay today (08.01.2011). Another team will commence on Wednesday (12.01.2011). This team will consist of less staff numbers to match the needs of the community.

#### **Theodore**

- Water integrity remains an issue, with water not expecting to be available until at least Wednesday or Thursday week commencing 10.01.2011 (water main is broken, all supply lines require heavy chlorination, full flushing and testing).
- Sewerage not ready yet. Queensland Health Environmental Health is continuing to monitor.
- The work to establish the temporary GP clinic in a donga in the hospital grounds has identified that there may be major infrastructure (power and switch upgrades) and associated cost implications. The full extent of these is yet to be fully identified and costed.

#### **Condamine**

- A 'Boil Water' alert remains.



- The additional Mental Health Services support deployed on Saturday (08.01.2011) is expected to remain until Tuesday (11.01.2011).
- It is anticipated that the QAS and nursing staff, providing primary health care services, will withdraw on Tuesday (11.01.2011) as services return to normal provision status.

#### **Miles**

- Vaccinations and antibiotics have been restocked on Saturday (08.01.2011).

#### **Murgon**

- 1 patient is being monitored for possible transfer but the patient's condition is stable as at 1500 on Saturday (08.01.2011).

#### **Cherbourg**

- Nurses are triaging and consulting with doctor in Murgon by phone. Patients are reported as 'stable'.
- Contact is being made with local Indigenous community members following the drowning death of a young Aboriginal woman whilst swimming in the flooded river.

#### **Maryborough**

- Dialysis patients were to receive services today (09.01.2011) from Hervey Bay. District advice is that appropriate transport will be arranged for these patients if needed. This has been confirmed as organised with relevant clinical records being exchanged and dialysis will commence this afternoon. This may be impacted by road closures to Hervey Bay.
- A makeshift ED has been set up at Granville. Ten patients have been seen at this makeshift facility since lunchtime yesterday (08.01.2011) and one child was airlifted to Hervey Bay.
- Maryborough Hospital's infrastructure was unaffected by flood waters and is expected to remain so. Access issues have led to staffing issues that are being handled locally.

#### ***Public Health Response***

- No emerging public issues.

#### ***Retrieval Services Queensland***

- Only one additional flood related task overnight Statewide.
- No patients transited Gladstone TMF.
- 1 patient evacuated from Granville to Hervey Bay.
- 3 patients planned to be evacuated by helicopter from Rockhampton Hospital today (09.01.2011) to Gladstone Airport to meet the RFDS fixed wing.
- Gladstone TMF is to close as planned at 1800hrs today (09.10.2011). Gladstone Hospital ED will provide staging if required.
- A collaborative Communication Protocol regarding the process for staging patients at Gladstone Hospital is being developed today (09.01.2011).
- EMQ HR Cairns that has been located in Gladstone will be relocated to Brisbane for training and back-up on Monday (10.01.2011). Activity will be monitored and if required the network will be reconfigured to provide additional cover as required in Gladstone.

## **DEEDI**

### **Future Issues and Risks (including financial/economic):**

- Flooding in the Northern Rivers of NSW will also likely have flow on impact for Queensland based soybean growers, processors and marketers.
- Many enterprises will incur large expenditure repairing damaged machinery and in repairing eroded paddocks and levees over the next six months. This repair phase would need to be finished by April 2011 in order to plant a winter crop by June 2011 to generate income from these areas by November to December 2011.
- From Moura to Daringa there is at least 1 to 2.5 km on either side of the river that will experience pasture inundation damage, more in some places. There was some significant damage to leucaena pastures particularly south of Moura, and in many places grass had died out in between rows due to inundation. Managing grazing pressure in leucaena during pasture recovery will be a key issue.
- Farm Financial Counsellor has been contacting small businesses in DEEDI-C to ascertain potential need for financial counselling. Concerns have been around lack of trade and employers laying off staff and/or cutting employees hours back. There is also concern about losing staff to the mining sector and weeks of no cash flow.
- Chinese New Year is the peak season in the year for all of our markets. As the local Chinese media continues to report on the floods, there have been increasing cases reported by travel agencies of Chinese customers starting to worry about their trip to Australia in Chinese New Year and asking about cancellations. Tourism Australia is providing media release to face this challenge.

## **Department of Public Works (as at 8/1/11)**

- DoC has advised that initial reports are being received from flood recovery centre in relation to structural assistance grants. Subject to confirmation of eligibility. Advice from Doc indicates upwards of 247 Structural Assistance Applications have been received thus far but none have been processed through the eligibility criteria at this time.
- Based on the projected needs developing in affected regions QBuild is establishing a process for dealing with the inspections as they arrive. Previous experience shows that the property locations provided by Communities usually arrive piecemeal and can be problematic in terms of inefficient revisits to the same or adjacent locations.
- State Government agencies preparing teams for deployment to impacted areas are requested to provide information in regards projected resource needs including vehicles.

### **QBuild**

- QBuild deployed a number of teams of personnel into areas to commence detailed damage assessments and commence remedial works.
- Thallon SS Main Teaching Block (ground floor) may be subject to flooding later this week.
- The Condamine State School ground floor and Modular building have been inundated, the School residence and one DoC residence have had flood water under the buildings only.
- Warra flood water has receded, Education buildings have been inundated, and one Police Services Residence also received surface water through the property. Cleaning and repairs are currently in progress.
- Arcadia Valley SS recovery and clean up has been delayed with roads cut by the current rain event. A QBuild team has accessed Condamine township and are currently cleaning up and completing repairs to a building at the school which is to be established into a DOC office / one stop shop. Other buildings at the school, the EQ residence and one DoC residence are also being cleaned and made good.

### **QFleet**

- A total of 46 QFleet vehicles have been requested by agencies, however to this time only 32 have actually been picked up. A total of 20 fuel cards have also been issued. The only agencies seeking vehicle support to this time are Police, Doc and QBuild.
- QFleet has held 197 vehicles back from a number of different auctions pending a growing number of requests for vehicles.
- Agencies are being requested to forecast the need for vehicles over coming weeks and months so that where possible vehicles can be released for auction.
- QFleet has cancelled some regional auctions in anticipation of the looming need for vehicles.
- Preliminary advice is being received in regards flood inundation of a small number of QFleet vehicles.

### **Project Services**

- Project Services has been requested to identify the availability of Structural engineers that might be available for deployment all as part of the recovery efforts in impacted centres (no official request has been received to date).

### **SSQ**

- Smart Service Queensland will provide a separate report detailing the staff currently being utilised and the calls being addressed.

### **SDS**

- SDS advise that it has not received any further requests for functional assistance since the supply of disinfectants and other cleaning products for Emerald



**Attachment 7: 132 500 (Tasks) Statistics (period 16:00 08.01.11 to 16:00 09.01.11)**

Region	Calls Answered
Far Northern Region	5
Northern Region	7
Central Region	150
North Coast Region	969
Brisbane Region	239
South East Region	86
South West Region	63
Unknown origin	293
<b>TOTAL</b>	<b>1812</b>

\* Outstanding tasks have been recorded in RFA Online but are yet to be allocated or completed

## Karen Cowell

**From:** Pauline Evans | on behalf of SDCC  
[SDCC]  
**Sent:** Monday, 10 January 2011 5:08 AM  
**To:** Aaron Groves; Anila.R.Fredericks; Bernard.Trembath  
Bill Date; Conrad Adams; Daniel Altoft; Daniel Young; David Boulton; David Eastman;  
David.Hermann; J.Davidson  
john.g.wright; john.rossite  
Iratz; Michael Dart; Mike franks; Paul Dimech;  
hahn.richard; Robert Schwartz; Scott Leonard; Sean Kenny; Steve  
Waddell; Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons;  
Craig.Bartlett; DERM Generic email; Don Bletchly; Fiona Ferrier;  
graham.atkins; Greg Eustace Health; Ian Dunn (ADF JOSS); Irina  
Stankovska; jackie.mooney; Jeff.Shelberg; John  
Cawcutt (jcawcutt); Justin Fitzgerald;  
ksullivan; michael.boyle; Michael Pecic;  
Michael.Shapland; Neville.MOO  
noel.gillard; norm.archer; Patrick Byrne;  
patrick.j.quirk; Paul.Adcock; Peta Robertson;  
peter.allen; Peter Chapman; Peter Dunn;  
phil.carney; Phil.Nickerson  
russellhoward; sbartlett; State DC Group;  
trevor.dann; Trevor Leverington; Warren Bridson; bette kill acting  
DG till 24 Jan 11; Bob Atkinson (Queensland Police); Pointing Brettm; Bruce Grady;  
Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley;  
Graeme Newton (DIP); greg\_hallam; Ian.fletcher  
Jeannette Young (Queensland Heath); Jim McGowan; John Bradley (DERM); Julie  
Grantham (DET); Ken Smith; Linda Apelt (DG Communities); Mal Grierson; Mick Reid @  
; Natalie.MacDonald acting DG DPW till 18 Jan 11; Philip Reed;  
ccc; DisasterManagement; Adam Shortman; Andrew  
Somerville; bob.reilly; Brett Harrison; Chris Broomfield; CIS Health;  
corinne.mulholland; David Smith; DCS Media; Debbie Best;  
Desley Boyle; EMQ Regional Directors; Flood Recovery Taskforce; Gavin Trembath;  
Gerard Rabelink; GIS Operations; Grant Cassar (ADF);  
Harry.VENMANS; Iain Macculloch (EMQ Kedron); Iain  
MacKenzie; Ian Mitchell; Ian Stewart (QPS); Ian Jennings; Jade.Thompson; Jayne Barnes  
(QAS); Jeff Cheadle; John Gaskin; John Ryan; 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; Owen Sadler (ADF); Paul Lucas;  
Paul Hobbs; Paul Lucas; Pauline Evans; Peter Cahill; Peter Twomey; Peter Warrener;  
Peter Willett (AG); peter.artemieff; QPS Media; Rai Whitten; Robbie  
Medlin; Robert Bundy; Rodney Walz; Roger Lye; Sarah Abbott; SDCC Kedron; SDCCINT;  
SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC;  
shecc; socc; socc; Susan Grantham; Tim Wiebusch  
Vic SES; Tracey Rees; Trevor VanDam; B Hanbidge; Brett pointing;  
codd.brian; ddc.bundaberg  
DDC.Cairn; DDC.Charleville  
DDC.Dalby; DDC.Gladstone; DDC Gold Coast;  
DDC.Gymp; DDC.innisfail; DDC Ipswich;  
DDC.Logan; DDC.Longreach  
DDC.Mackay; DDC.mareeba  
DDC.Maryborough; DDC.Redcliffe; DDC  
Rockhampton; DDC.Roma; DDC Sunshine Coast;  
DDC.Toowoomba; DDC.Townsville  
powers.noel; DDC.Warwick  
DDC.Brisbane; DDC.Mountisa  
henderson.andrewc; Peter Martin; Andrew Goodman; betty kiernan;  
karen.moss; 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 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 Tiara.
- 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

## 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>


*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 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/>

*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/>





This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)



## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 5:44 AM  
**To:** 'Premier.Bligh'; 'nicole.scurrah'; 'stephen.beckett'; 'kimberley.gardiner'  
**Subject:** Fw: Updated Wivenhoe Dam release strategy  
**Attachments:** Technical Situation Report W34.docx

Further to my text last night, please see below details of increased releases from Wivenhoe as a result of recent rain in the south east. Note that since this email last night Fernvale bridge and Mt Crosby weir have been inundated. This will impact on access for the communities in the Brisbane Valley.

Will provide more information as it becomes available.

---

**From:** Dan Spiller  
**To:** stephen.robertson; Ken Smith; Lance McCallum; Tim Watts  
(tim.watts); Geoff Stead  
(geoff.stead); lauren.sims  
Debbie Best  
Martin.Peter  
Dunn.Kerry  
**Cc:** 'Rob Drury'; pbird; SEQWGM Media; Scott Denner; Madgwick.DarrenT  
Damien Brown (d  
bob.reilly@  
**Sent:** Sun Jan 09 23:06:36 2011  
**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 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

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## TECHNICAL SITUATION REPORT

TSR Number	W34	Date of TSR release	9.1.2011	Time of TSR release	9.00pm
------------	-----	---------------------	----------	---------------------	--------

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Continue current releases however event is increasing in magnitude and will require increased releases.</li> </ul>
Strategy	<ul style="list-style-type: none"> <li>Continue the current releases until tomorrow noon when releases will be increased to impact Mt Crosby and Fernvale Bridges.</li> </ul>
Key considerations	<div>Storage levels: Above FSL</div> <hr/> <div>Inflows: Inflows may approach 1,500,000ML which is close to 1974 event.</div> <hr/> <div>Rainfall: Continuing</div> <hr/> <div>Lockyer/Bremer: Monitoring their inflows</div> <hr/> <div>Brisbane River: Impact as below.</div>

#### Rainfall

Very heavy rainfall has been recorded in the upper reaches of the Brisbane and Stanley in the last 6 hours with totals up 100 to 140mm. Totals for the last 24 hours range from 100 to 300mm.

Rainfall of similar magnitudes is expected in the 12 to 24 hours, especially around the Bremer/Warrill catchments as the system tracks south.

A severe weather warning remains current for heavy rainfall in the dam catchment areas.

#### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 101.68 m AHD (about 500,000ML currently in storage) and rising quickly. Peak inflow to the dam is estimated to be about 4,000 m<sup>3</sup>/s based on observed rainfall and could be as high as 5,000m<sup>3</sup>/s with additional forecast rainfall. Five sluice gates are open releasing about 1,100m<sup>3</sup>/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam will reach at least 103.5 early Tuesday morning which will adversely impact areas around Kilcoy.

Since the commencement of the event on 02/01/2011 approximately 100,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This may increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday.

#### Wivenhoe Dam (Full Supply Level 67.00 m AHD)

River levels upstream of the dam are rising quickly with significant inflow being generated from the intense heavy rainfall. Flows in the Brisbane River at Gregor's Ck have already reached 6,700m<sup>3</sup>/s and the river is still rising.



The dam level is rising again, with the current level being 69.10m AHD (1,410,000ML with about 300,00 of flood storage). Estimated peak inflow to the dam just from the Upper Brisbane R alone may reach as high as 7,500m<sup>3</sup>/s and, at this stage, the dam will reach at least 73.0 m AHD during Tuesday morning. Given the rapid increase in inflow volumes, it will be necessary to increase the release from Wivenhoe Monday morning.

The objective for dam operations will be to minimise the impact of urban flooding in areas downstream of the dam and, at this stage, releases will be kept below 3,500m<sup>3</sup>/s and the combined flows in the lower Brisbane will be limited to 4,000m<sup>3</sup>/s. This is below the limit of urban damages in the City reaches.

The current release rate from Wivenhoe Dam is 1,400m<sup>3</sup>/s (120,000ML/day). Gate opening will start to be increased from noon Monday and the release is expected increase to at least 2,600m<sup>3</sup>/s during Tuesday morning.

Since the commencement of the event on 02/01/2011 approximately 220,000ML has been released from the dam, with an event total approaching 1,000,000ML without further rain and as much as 1,500,000ML with forecast rainfall of (both including Somerset outflow). At this stage, releases will continue until at least Sunday 16<sup>th</sup> January 2011.

### Impacts downstream of Wivenhoe Dam

The projected Wivenhoe Dam releases combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

### BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

### Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	10.1.2011	Time		or Event	Change in strategy
--------------	------	-----------	------	--	----------	--------------------

**Karen Cowell**

---

**From:** Best Debbie [REDACTED]  
**Sent:** Monday, 10 January 2011 10:32 AM  
**To:** Ken Smith  
**Subject:** Acting DG DERM

Ken  
Terry is acting DG this week.  
Debbie

+-----+  
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  
+-----+



## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Monday, 10 January 2011 2:13 PM  
**To:** 'kimberley.gardiner'; [REDACTED]  
**Subject:** Fw: BCC communications update

Sorry for the delay. Been on the phone.

---

**From:** Dan Spiller <[REDACTED]>  
**To:** [REDACTED]; <Tim.Watts [REDACTED]>; Geoff.Stead [REDACTED]  
[REDACTED] Ken Smith; Best Debbie [REDACTED]  
**Cc:** Barry Dennien [REDACTED] Michael Lyons [REDACTED]  
**Sent:** Mon Jan 10 13:42:29 2011  
**Subject:** BCC communications update

For information, BCC communications had scheduled a media conference with the Deputy Mayor at 2pm.

BCC just confirmed that they are seeking to cancel this conference, pending ongoing discussions between the Premier and Mayor.

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

Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

### Disclaimer

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## Karen Cowell

---

**From:** Nicola Hazell [REDACTED]  
**Sent:** Monday, 10 January 2011 2:39 PM  
**To:** Premiers Office - Media Unit; Brendan Connell; Angela Harper; Sharon Humphreys; Ken Smith; Stephen Beckett  
**Cc:** Karen Robinson; Best Debbie; David Robertson; Maria Spackman; Wall Terry  
**Subject:** RE: GBRMPA media release RE: Flood Plume impacts on GBR

FYI

GBRMPA have advised our dept they will be posting this release on their website shortly.

Apparently one of their GBRMPA representatives has also done an interview with Reuters today, following the Courier Mail front page this morning.

I will prepare a HIB following a dept briefing on this with the Acting Minister this afternoon.

---

**From:** Nicola Hazell  
**Sent:** Friday, 7 January 2011 4:24 PM  
**To:** Premiers Office - Media Unit; Brendan Connell; Angela Harper; Sharon Humphreys; 'Ken Smith'; Stephen Beckett  
**Cc:** Karen Robinson; 'Best Debbie'; David Shaw; David Robertson  
**Subject:** RE: GBRMPA media release RE: Flood Plume impacts on GBR

Our dept has just been advised by GBRMPA that they are now holding off issuing this media release until Monday.

---

**From:** Nicola Hazell  
**Sent:** Friday, 7 January 2011 2:28 PM  
**To:** Premiers Office - Media Unit; Brendan Connell; Angela Harper; Sharon Humphreys; Ken Smith; Stephen Beckett  
**Cc:** Karen Robinson; Best Debbie; David Shaw; David Robertson  
**Subject:** GBRMPA media release RE: Flood Plume impacts on GBR

Hi All,

The Federal Govt's Great Barrier Reef Marine Park Authority have informed our dept that they are issuing the attached joint release with JCU today – outlining their expectation for flood plumes to impact on the reef.

Our comms team is putting together a statement about what DERM is doing in terms of monitoring and working with JCU to look at the impacts.

Please let me know if you would like us to pull together a HIB in the meantime in addition to a media release or holding statement – or if there is anything further you would like to discuss at this stage.

Thanks,  
Nicola

Principal Media Advisor  
Office of the Hon Kate Jones MP  
Minister for Climate Change and Sustainability  
[REDACTED]

 Please consider the environment before printing this email

## Karen Cowell

**From:** Pauline Evans [REDACTED] on behalf of SDCC  
[SDCC [REDACTED]]  
**Sent:** Monday, 10 January 2011 9:16 PM  
**To:** SDCCINT; Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons;  
Craig Bartlett [REDACTED] David Eastman (DIP); DERM Generic email; Don  
Bletchly; Fiona Ferrier; graham.atkins [REDACTED]; Greg Eustace Health; Ian Dunn  
(ADF JOSS); Irina Stankovska; jackie.mooney [REDACTED]  
Jeff.Shelberd [REDACTED] John Cawcutt (jcawcutt [REDACTED])  
john.rossite [REDACTED] Justin Fitzgerald;  
ksullivan [REDACTED]; michael.boyle [REDACTED]; Michael Dart;  
Michael Dickinson; Michael Pecic; Michael.Shapland [REDACTED]  
Neville.MOO [REDACTED]; noel.gillard [REDACTED]  
norm.archer [REDACTED] Patrick Byrne; patrick.j.quir [REDACTED]  
Paul.Adcock [REDACTED] Peta Robertson; peter.aller [REDACTED]; Peter  
Chapman; Peter Dunn; phil.carney [REDACTED]  
Phil.Nickerson [REDACTED] russellhoward [REDACTED]  
sbartlett [REDACTED] State DC Group; trevor.dann [REDACTED] Trevor  
Leverington; Warren Bridson; Aaron Groves; Anila.R.Fredericks [REDACTED]  
Bernard.Trembath [REDACTED] Bill Date; Conrad Adams; Daniel Altoft; Daniel Young;  
David Boulton; David.Hermann [REDACTED] J.Davidson [REDACTED]  
john.g.wright [REDACTED]; Iratz [REDACTED]; Mike franks; Paul  
Dimech; hahn.richardj [REDACTED] Robert Schwartz; Sean Kenny; Steve Waddell;  
bette kill acting DG till 24 Jan 11; Bob Atkinson (Queensland Police); Pointing Brettm;  
Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS;  
Gerard Bradley; Graeme Newton (DIP); greg\_hallam [REDACTED]  
Ian.fletcher [REDACTED]; Jeannette Young (Queensland Heath); Jim McGowan;  
John Bradley (DERM); Julie Grantham (DET); Ken Smith; Linda Apelt (DG Communities);  
Mal Grierson; Mick Reid [REDACTED] Natalie.MacDonald acting DG DPW till 18  
Jan 11; Philip Reed; ccc [REDACTED] DisasterManagemen [REDACTED] Aaron  
Minos; Adam Shortman; Andrew Somerville; bob.reilly [REDACTED] Brett Harrison;  
Chris Broomfield; CIS Health; corinne.mulholland [REDACTED] David Smith;  
DCS Media; Debbie Best; Desley Boyle; EMQ Regional Directors; Flood Recovery  
Taskforce; 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.com.au; John Ryan; Joshua O'Keefe;  
Kate van Poelgeest; Kathy Brown; kimberley gardiner; Kirsten Roos; Lance McCallum;  
Lee Johnson; Leo McNamara; Liam Ferney; Lucas Mckennarley (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; Paul Lucas; Paul Hobbs; Paul  
Lucas; Pauline Evans; Peter Cahill; Peter Twomey; Peter Warrenner; Peter Willett (AG);  
peter.artemieff [REDACTED]; QPS Media; Rai Whitten; Robbie Medlin; Robert  
Bundy; Rodney Walz; Roger Lye; 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; B Hanbridge; Brett pointing;  
codd.brianj [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]; 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] DDC.Warwick [REDACTED]  
DDC.Brisbane [REDACTED] DDC.Mountisa [REDACTED]  
henderson.andrew [REDACTED]; Peter Martin; 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:** 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



This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)

 <b>Emergency Management</b> <b>QEMQ</b> <b>Queensland</b>	<b>Situation Report</b> <b>State Disaster Coordination</b> <b>Centre</b>	 <b>Queensland</b> <b>Government</b>
<b>Event:</b> Central Coast Flooding December 2010		
<b>Daily SitRep No:</b> 017	<b>Time:</b> 20:00hrs	<b>Date:</b> 10/01/11
<b>Distribution:</b> Minister, Director-General, Executive Director		
<b>From:</b> State Disaster Coordination Centre – Kedron Phone: [REDACTED] Facsimile: [REDACTED] Email: [REDACTED]		

# **1. Statewide Summary**

- A significant weather event has occurred in Toowoomba and Esk, with 4 confirmed fatalities (see below)
- Disaster Declarations were approved for Gympie and Maryborough today.
- A severe weather warning was issued at 1930 hours for people in the Southeast Coast, Darling Downs and Granite Belt, far southern parts of the Wide Bay and Burnett and eastern parts of the Maranoa and Warrego districts for heavy rainfall leading to localised flash flooding and potentially worsening the existing river flood situation
- There are 3,924 registered evacuees (total number of persons registered with Red Cross) as of 1500hours, Monday, 10 January 2011.
- Cherbourg, Murgeon, Imbil, Granville, Maroom, Poona, Boonaroo, Tinnanbar, Toogoolawah, Esk, Kilcoy, Dirranbandi and Quinalaw continue to be isolated
- Across the state, there are 415 houses inundated with water over floorboards, 4,058 with water in yards; 1091 houses have been evacuated with 1,898 people currently evacuated. There are approximately 328 businesses affected.
- There are 10 evacuation centres operating across the state.
- Emergency Alerts issued for Chinchilla at 1855, Lockyer Valley at 2030 and Dalby at 1200 and 1600.
- Severe weather conditions occurred in Toowoomba this afternoon causing major flooding and extensive damage.
- The Lockyer Creek at Helidon peaked at 12.74m at 1450 10.01.11. Lockyer Creek at Helidon rose from 4.20m at 13.56 hours to 12.58m at 1450 hours.
- Laidley Creek at Laidley rose from 5.20m at 1400 hours to 6.00m at 14.45 hours. At 1800 the Creek was still rising and measured 8.60m
- Warrego Highway is closed to the east and west of Jondaryan.
- The New England highway at Crows Nest is open to high clearance vehicles only near the police station.
- Warrego Highway is closed at Toowoomba Range and also at Withcott.
- The New England Highway north of Toowoomba at Mt Kynoch is open to one lane of traffic in both directions due to landslide.
- Toowoomba Cecil Plains Road is closed at Cecil Plains.
- Dalby-Cooyar road is closed near the New England highway.
- Gatton –Helidon Road is closed to all traffic.
- The Gore Highway is closed at Pampas.
- Numerous local roads are closed due to flooding and damage.



#### **Toowoomba Significant Weather Event**

- Continue to search for unaccounted for persons and commence recovery operations once floodwaters recede.
- Four fatalities have been confirmed.
- The Toowoomba LDMG has activated and a LDCC has been established.
- Confirmed reports of five vehicles having been washed away from the intersection of Russell and Neil Streets, Toowoomba into floodwater. One deceased female person has been recovered near this location. The number of occupants of the vehicles is unknown.
- Confirmed reports of two persons on foot having been washed away from the intersection of James and Kitchener Streets, Toowoomba. They have yet to be located.
- Numerous parked vehicles have been washed away into swollen waterways and reports have been received of extensive damage caused to infrastructure (bridges, street-lights etc) by these moving vehicles.
- Landslides have occurred on the Toowoomba Range completely blocking the Warrego Highway on the Range.
- Landslides have occurred on the New England Highway north of Toowoomba at Mt Kynoch. This has blocked the two north bound lanes. The two south bound lanes remain open and are being utilised as one lane in either direction.
- Ten houses in Jondaryan were threatened by rising floodwaters and were evacuated as a precaution. The majority of these persons self-evacuated, with six people staying at the Jondaryan Hall overnight. The houses were not inundated and all persons have returned home.
- Cooby Dam spillway has commenced spilling water into Oakey Creek which will cause moderate flooding as it reaches Oakey township. It is unknown if any houses will be affected.

#### **Lockyer Valley**

- The Lockyer Valley LDMG has activated.
- There are reports of houses having been washed away in Dianna Crescent, Postman's Ridge.
- There is a confirmed report of a house being washed away from 10 McCormack Drive, Murphy's Creek. It is unknown if any occupants were home at the time. There are separate unconfirmed reports of other houses being washed away and a report of one person clinging to a tree. A landslide on Murphy's Creek Road is preventing access to this area, however work is being conducted to clear the roadway to enable swift water rescue crews to inspect the area.
- There are confirmed reports of three children having been washed away in floodwaters at Tomatoland, Withcott. They have not yet been located. There are also confirmed reports of a Van having been washed away at this same location with unknown occupants.
- There are reports of a landslide occurring at the Withcott Water Reservoir and the associated pipeline having been washed away. This has not been confirmed.
- Laidley Creek is rising fast and door knocking has commenced to inform affected residents. Sandy Creek at Forest Hill is rising fast and a door knock has commenced to inform affected residents.
- There are reports that Black Duck Creek has burst its banks. This floodwater will flow into Lockyer Creek which is expected to cause major flooding at Grantham. A door knock has commenced to inform affected residents.
- Several houses in Grantham have been inundated with floodwater and numerous occupants have sought safety on their rooftops.
- Helicopter support has been achieved by QFRS through SDCC.
- Sandy Creek is rising as it heads towards Forest Hill. The LDMG is monitoring Sandy Creek to determine if any evacuations will be required.



- All affected residents are in the process of being notified and evacuations will commence if required.

## **2. Regional Reports**

### **2.1 North Coast Region**

#### **Kilcoy**

- At 1500hrs township of Kilcoy was isolated due to flooding of the D'Aguilar Highway, in which the Kilcoy Creek Bridge sustained surface damage.
- The McAuley Lane Bridge at Sandy Creek has washed away, isolating some 30 people.
- 3 houses and 8 people have voluntarily evacuated and are staying with family and friends.
- SES are door knocking isolated areas of Woodford and Kilcoy to identify any concerns.
- Currently unsafe to use flood boats; any future evacuations will require airborne response.

#### **Caboolture**

- Two people required assistance to evacuate their homes.

#### **Kingaroy**

- Township currently isolated.

#### **Gympie**

- Currently risk at Gympie is high with Mary River currently at 17.8 meters and rising. The Bruce Hwy is completely closed to the south of Gympie and a diversion route is in place to the north.
- 7 houses have been inundated above habitable areas.
- 4 houses and 7 people evacuated with 2 persons at the evacuation centre.
- 20 businesses affected.
- Other entrance to Southside via Normanby Bridge is closed barring any access to the southside from the town side.
- There are no issues of inundation of residential premises anywhere within the Burnett area of the Gympie Police District. Some rural properties have become inundated but no houses are at risk. Kingaroy, Murgon, Goomeri, Cherbourg, Nanango and Kilkivan townships are currently isolated with highways into the town cut by floodwater.
- Steps are currently being taken to enable re-supply of essentials and medical needs to Cherbourg via air.
- The Mary River at Gympie is rising slowly and today at 1115hrs (at the Weir) was 14.27 metres; predicted to reach 16-17 metres tomorrow.
- Town is divided between the north and south with both major bridges under water.
- QPS, QAS and QFRS have established temporary stations on the south side to ensure continued service. QFRS have also established another site on the north side.

#### **Maryborough**

- A Declaration of a Disaster Situation has been signed off for Maryborough.
- Approximately 20-30 houses with yards inundated.
- 12 people evacuated from caravan park.
- 5 businesses have been affected.
- Lamington Bridge remains underwater.
- Medical Centre established at Granville Hockey Club (doctors, registered nurses and QAS)
- QFRS have placed an appliance and crew at Granville.
- The Mary River was at 8.2 metres and rising.
  - At 17m 13 businesses inundated in CBD.
  - At 18m 33 businesses inundated in CBD.



- Three houses and ten businesses inundated.
- A facility to assist stranded tourists has been established at the Maryborough Neighbourhood Centre.
- The suburb of Granville and coastal communities of Marroom, Poona, Boonaroo & Tinnanbar remain isolated.

#### **Cooloola Coast**

- Tin Can Bay, Cooloola Cove and Rainbow Beach are currently isolated but emergency services, council staff and local resources are available for assistance.

#### **Bundaberg**

- 79 businesses affected
- 173 persons registered on NRIS.
- 8 outreach teams operating in the town.

#### **Mundubbera**

- 1 Outreach team in town
- 22 houses have been evacuated.
- 73 people have self evacuated.

### **2.2 Central Region**

#### **Emerald**

- Full recovery operations occurring at Emerald.
- 50 people staying in the evacuation centre (Emerald Agricultural College).
- 53 people in total evacuated.
- 1600 houses and 100% of business have been affected.
- 2 outreach teams are operating.
- River level is 9.25 metres and falling as at 0630hrs, Sunday, 9 January 2011.
- Queensland Health is undertaking fogging to deal with insect plagues.
- 2,527 people have been registered as evacuees with Red Cross.

#### **Rockhampton**

- Fitzroy River is falling and is 9.05m as at 2000hours 10/1/11 with the major flood level of 8.5m likely to continue until the end of next week.
- 200 houses inundated above habitable areas.
- 2000 yards have been inundated
- 500 houses and 1200 people have been evacuated.
- 160 people are in the evacuation centre and 368 people have registered on NRIS.
- 150 businesses have been affected.
- Capricorn Highway west is closed at Dawson River south of Duaringa.
- Rail services are not operating.
- Barge operations from Gladstone to Rockhampton are continuing.
- The review and development of recovery strategies/action plans are continuing.
- Local roads and erection/relocation of road signs are continuing as required.
- Public health issues are being monitored to ensure appropriate communication and advice is distributed.
- Focus is continuing on ensuring communication strategies are in place to inform evacuees and community of response and recovery arrangements.
- Rockhampton Airport closed for approximately three weeks.
- An extensive public awareness campaign is currently being conducted throughout Rockhampton to advise residents of the recovery operations.
- 163 registered evacuees remain in evacuation centres (one centre) and 73 domestic pets (350 registered with Red Cross).
- Capricorn Highway west is closed at Dawson River south of Duaringa.



### **Theodore**

- The sewerage system is operating at Theodore however is not fully functioning as repairs are required on sewerage pumps. Currently there is space for 3-4 days of storage with current occupations levels before effluent will need to be discharged.
- Mains water has been restored to parts of Theodore however this water is not potable.
- Clean up of Theodore continues with assistance from QFRS, SES, and volunteers from QR.
- Residents of Theodore continue to be allowed to return to town between the hours of 0800-1600 hours to assess damage etc and continue clean up.
- Waste from Theodore is currently being trucked to Biloela for disposal. The temporary dump site approved at Theodore will not be utilized unless access to Biloela is cut.
- Insurance council has established a claims tent at Theodore (estimate approx 90 claimants in town)
- Evacuation centre is up and running at the RSL hall in Theodore and is being staffed by the Red Cross.
- Dept of communities 'one stop shop' has been established and payments will commence today.

### **2.3 South West Region (QPS Southern Region)**

#### **Chinchilla**

- Emergency Alert – Voice and Text message sent out to 18:55 advising of flash flooding.
- LDCC will maintain operations providing assistance to the community.
- Chinchilla Police are conducting operations from the Chinchilla Police Station and are in constant contact with the LDCC.
- Focus is on clean up of dwellings and business premises.
- 23 persons are registered on NRIS.

#### **Condamine**

- At 1930 hours 10/01/2011 the Condamine River is 9.37m and rising.
- Recovery Plan for Condamine is progressing as planned. A thorough clean up of dwellings and buildings is be in a co-ordinated approach with assistance of SES, Rural Fire Service, WDRS employees, State government employees and local volunteers. Support services are also in attendance or visiting on a regular basis.
- 8 houses and 6 people have been evacuated.
- 7 businesses have been affected.
- Removal of rubbish removed from buildings and flood debris will continue.
- Monitor water levels in Condamine River at the Chinchilla Weir and Condamine town. These water levels will affect road access to Condamine via the east and west. Access to Condamine is currently open to the west and to the south via Tara.
- B.O.M. expects the Condamine River at Condamine to peak at 11 to 12 metres over the next two to three days. This level will not affect the township. However, road access to the east over the Condamine River Bridge will be affected.
- The Condamine River is expected to re-peak at 11.5m-12m in the middle of the week, with road access to the east closed at the Chinchilla Weir
- New Zealand SES workers arrived in Condamine to assist recovery operations.

#### **Central Highlands**

- The Central Highlands LDCC has now deactivated. Any calls for service are being managed and referred appropriately.
- Central Highlands is in full recovery mode and the cleanup is continuing.
- The Agricultural College is the only evacuation centre operational with 42 persons recorded at the centre and staying overnight Sunday night 09/01/11.



- The Capricorn Highway is open to the west but closed to the east at the Dawson River. The road north is open. Emerald can be accessed to Brisbane by road via Longreach. This route will probably be utilised by resupply vehicles. The Vince Lester Bridge is open.
- Rail access to Emerald will be unavailable for some time due to significant damage to lines etc. Exact time lines unknown.
- Council has largely cleared flood damaged household contents from the front of homes.
- Many parts of the rural area are still isolated. Rolleston is still isolated from Emerald but is accessible from Moura.
- Resupply is continuing without incident with current arrangements functioning effectively.

#### **Dalby**

- Myall Creek at Dalby is 3.69m and falling at 1853 hours.
- Two Emergency Alert Messages, voice and SMS, were sent out at 1200 and 1600 to communicate flood peak information to residents.
- 121 persons in evacuation centre and 1273 registered as evacuees on NRIS.
- 200 houses have been inundated above habitable areas and 2000 yards inundated.
- 30 businesses currently inundated.
- Police presence to be maintained on both sides of the flooded Myall Creek with the second police base at the Dalby South State School (East side evacuation centre).
- DDCC will maintain operations indefinitely at this stage
- Level 6 water restrictions remain in place however this will be reviewed later on 10/01/2011.
- One business has been impacted at Quinalow.
- Local Disaster Management Group activated at 2100hrs 9/01/10.

#### **Dirranbandi**

- Peak is expected to be on 14.01.2011 at 5.4m (March 2010 floods peaked at 5.28m); expected to remain above 5m until 27.01.2011
- 1 yard inundated.
- Completely isolated by road; flow on effect of flooding expected to see the township isolated for a number of weeks
- Re-supply of food/items to local store arrangements being co-ordinated by LDMG, and via road with St George freighters
- Levee bank is closed and continually inspected & closely monitored no problems identified at this stage
- Nil issues or concerns; town calm; high visibility Police patrols being conducted
- Levee holding at present with 5.3 m of water surrounding town.

#### **St George**

- BoM for the Balonne River has changed; expect that it has peaked at 13.20m, will remain steady across the weekend & begin to recede to 13m early in the week.
- Levees are being monitored & supplemented as required.
- Mosquito fogging runs occurring in both the mornings & evenings.
- 1 x RAN SEAKING helicopters in St George on 10.01.2011.
- Moonie Highway bridge to be inspected on 10.01.2011 by TMR inspector; attempting to expedite the lifting of the 5 tonne load limit to facilitate re-supply of food & essential items.
- Recovery Committee established with Cr Robyn FUHRMEISTER as Chair
- 2 x RAN SEA-KING helicopters operational out of Roma to support flood relief efforts.
- Major resupply requests are expected by the end of the week.
- 6 houses inundated above habitable area
- 28 yards inundated
- 41 people evacuated, 6 in the evacuation centre and 12 registered on NRIS.



#### Surat

- The Balonne River is 10.94m at 1740 and falling.
- Recovery operations are underway. Limited recovery phase expected.
- Business will return as normal once water subsides and road networks open; unknown time frame
- Preparations for mosquito fogging spraying in place
- 5 people evacuated and 2 houses affected.

#### Thallon

- Nil evacuation, rescues or inundations
- Preparations for mosquito fogging spraying in place
- Levee bank has been secured & is continually being inspected & monitored

#### Warwick

- Local Disaster Management Group activated at 1800hrs 9/01/10.

#### Hebel

- Expected to peak on 16.01.2011.
- Township will be monitored until main body of water arrives; no inundations expected
- No evacuations or rescues.
- Nil issues with re-supply at this stage but may become a concern if access is cut due to road closures.


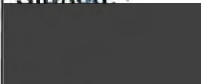

#### 2.4 South East Region

- Toogoolawah isolated.
- 15 houses effected.
- 103 people in evacuation centre.

#### 2.5 Brisbane Region

- SES door knocking other residents in isolated areas Woodford and Kilcoy to identify any concerns.
- Arrangements in place to cater for travellers stranded in Woodford, Kilcoy and Moore due to Brisbane Valley Highway closure.

#### 3.0 SITREP AUTHORISATION

Prepared by:	Intelligence Cell	Sign		Date/ Time:	10/1/11
Prepared by:	QPS Liaison Officer	Signed:		Date/ Time:	10/1/11
Approved by:	SDCC Room Manager	Signe		Date/ Time:	10/1/11

The Queensland Emergency Management Report (QEMR) update will be issued at 0500 hours, Tuesday 11 January 2011.

The next SDCC situation report will be issued at 1700 hours, Monday 10 January 2011.

**Attachment 1: LDMG and DDMG Activation Status**  
**Attachment 2: Declarations/Activations**  
**Attachment 3: Transport Conditions**  
**Attachment 4: Weather**  
**Attachment 5: Agency Deployments**  
**Attachment 6: Agency/Stakeholder Reports**  
**Attachment 7: 132500 Statistics**



**Attachment 1: LDMG and DDMG Activation Status**

ACTIVATION STATUS*	DISASTER MANAGEMENT GROUPS AND CENTRES
Stand up	SDCC
<b>DDMGs</b>	
Stand up	Gladstone Dalby Rockhampton Roma Warwick Toowoomba
Lean Forward	Brisbane Townsville Bundaberg
Alert	Cairns Innisfail Mareeba Redcliffe Logan
Stand Down	Charleville Gold Coast
<b>LDMGs</b>	
Stand up	Toowoomba Lockyer Valley Fraser Coast North Burnett Barcaldine Banana Bundaberg Dalby Chinchilla Balonne Miles Rockhampton Maranoa Gympie Warwick
Lean Forward	South Burnett Sunshine Coast Brisbane City Council
Alert	Quilpie Moreton Redlands Sunshine Coast Western Downs Logan
Stand Down	Ipswich Scenic Rim Murweh Brisbane Gold Coast Hinchinbrook Burdakin Charters Towers Townsville

**\*Definitions**

Alert – Monitor situation; no action required.

Lean Forward – on stand by; prepared but not activated.

Stand up – activated.

**Attachment 2: Declarations/Activations (as at 1500 10/1/11)**

**Disaster Declarations**

The Minister for Police, Corrective Services and Emergency Services has approved the following Disaster Declarations:

Disaster District	Date approved	Expiry Date
Dalby	28 December 2010	11 January 2011
Gladstone	28 December 2010	11 January 2011
Longreach (Barcaldine RC)	28 December 2010	11 January 2011
Bundaberg	29 December 2010	12 January 2011
Rockhampton	29 December 2010	12 January 2011
Roma	31 December 2010	14 January 2011
Gympie	10 January 2011	25 January 2011
Maryborough	10 January 2011	25 January 2011

**Natural Disaster Relief and Recovery Arrangements (NDRRA)**

The Minister for Police, Corrective Services and Emergency Services has recently approved the activation of the Natural Disaster Relief and Recovery Arrangements (NDRRA). The area defined for receipt of NDRRA relief measures is "Communities within Queensland affected by heavy rainfall and associated flooding, November – December 2010".

Commonwealth / State Natural Disaster Relief and Recovery Arrangements (NDRRA) have been activated for the following **50** locations as a result of weather events from November 2010 to January 2011:

LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Balonne Shire Council	✓ activated 10/12/10	✓ activated 10/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Banana Shire Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 21/12/10	✓ activated 21/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Barcaldine Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Barcoo Shire Council	✓ activated 06/12/10		✓ activated 06/12/10					
Blackall-Tambo Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Brisbane City Council	✓ activated 07/01/11		✓ activated 07/01/11					
Bulloo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Bundaberg Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Burdekin Shire Council	✓ activated 28/12/10							
Burke Shire Council	✓ activated 05/01/11		✓ activated 05/01/11					
Cairns Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Carpentaria Shire Council	✓ activated 04/01/11		✓ activated 04/01/11					
Cassowary Coast Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Central Highlands Regional Council	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10
Charters Towers Regional Council	✓ activated 28/12/10							
Cherbourg Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Cook Shire Council	✓ activated 05/01/11		✓ activated 05/01/11					
Croydon Shire Council			✓ activated 07/01/11					
Fraser Coast Regional Council	✓ activated 06/12/10	✓ activated 10/01/11	✓ activated 06/12/10					
Gladstone Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Gold Coast City Council	✓ activated 07/12/10		✓ activated 07/12/10					
Goondiwindi	✓ activated 24/12/10	✓ activated	✓ activated	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated		



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Regional Council		10/01/11	24/12/10			30/12/10		
Gympie Regional Council	✓ activated 10/01/11		✓ activated 07/01/11					
Hinchinbrook Shire Council	✓ activated 28/12/10		✓ activated 28/12/10					
Ipswich City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Isaac Regional Council	✓ activated 07/12/10		✓ activated 07/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ ** (Part only) activated 05/01/11	✓ ** (Part Only) activated 05/01/11
Lockyer Valley Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Logan City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Longreach Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Mackay Regional Council	✓ activated 07/12/10	✓ activated 28/12/10	✓ activated 07/12/10					
Maranoa Regional Council	✓ activated 10/12/10	✓ activated 07/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Moreton Bay Regional Council	✓ activated 21/12/10		✓ activated 21/12/10					
Murweh Shire Council	✓ activated 10/12/10	✓ activated 07/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
North Burnett Regional Council	✓ activated 21/12/10	✓ activated 28/12/10	✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 04/01/11
Paroo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Quilpie Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Redland City Council	✓ activated 07/01/11							
Rockhampton Regional Council	✓ activated 06/12/10	✓ activated 04/01/11	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/01/11	✓ activated 05/01/11
Scenic Rim	✓		✓	✓	✓	✓	✓	✓

LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Regional Council	activated 07/12/10		activated 07/12/10	activated 30/12/10	activated 30/12/10	activated 30/12/10	activated 03/01/11	activated 03/01/11
Somerset Regional Council	✓ activated 21/12/10		✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
South Burnett Regional Council	✓ activated 24/12/10		✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Southern Downs Regional Council	✓ activated 28/12/10	✓ activated 28/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Sunshine Coast Regional Council	✓ activated 21/12/10		✓ activated 21/12/10					
Tablelands Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Toowoomba Regional Council	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 05/01/11
Torres Shire Council	✓ activated 10/01/11		✓ activated 07/01/11					
Townsville City Council	✓ activated 28/12/10		✓ activated 03/01/11					
Whitsunday Regional Council	✓ activated 10/01/11		✓ activated 10/01/11					
Western Downs Regional Council	✓ activated 24/12/10	✓ activated 28/12/10	✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Woorabinda Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11

### **Attachment 3: Transport Conditions**

**Roads currently closed (as at 2034hrs, 10/01/11):**

- Barwon Highway - west of Goondiwindi
- Bruce Highway - north of Gladstone
- Bruce Highway - south of Gympie
- Canarvon 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
- Warrego Highway - west of Dalby

Please note these closures are subject to change on short notice.



## **Attachment 4: Weather (BOM)**

Issued at 4:10 pm EST on Monday 10 January 2011

### **Weather Situation**

The monsoon trough extends over the northern tropics and is moving gradually south. An upper level low lies over the far southwest Capricornia district and is expected to drift slowly southwest for the remainder of today. A large high over the southern Tasman Sea extends a firm ridge over the southern Queensland coast.

### **Forecast for the rest of Monday**

Rain areas and isolated thunderstorms over southeast districts and the Maranoa, with locally 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 E to NE winds in the south, tending fresh and gusty in the southeast. Moderate to fresh W to NW winds over the far north. Light winds elsewhere.

### **Forecast for Tuesday**

The upper level low will continue to move southwest and merge with a trough over eastern South Australia. Moist NE winds will continue to produce rain areas with moderate to locally heavy falls over southeastern districts, easing during the day. The monsoon trough will move south over the Northern Territory, extending rain areas and thunderstorms further south over the Queensland tropics and over the northwest with possible moderate falls. Isolated showers and thunderstorms continuing elsewhere, tending scattered over the Channel Country.

### **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'y 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.

## Attachment 5: Agency Deployments

### Queensland Fire and Rescue

Incident Management Teams (IMT)		39 Personnel
Rockhampton	18 Personnel	
Emerald	13 Personnel	
Biloela	1 Personnel	
Toowoomba	2 Personnel	
Roma	3 Personnel	
Dalby	2 Personnel	
Air Operations		5 Personnel
Biloela	5 Personnel	
Fire Communications		2 Personnel
Rockhampton	2 Personnel	
Swift Water Team Deployment Locations		21 Personnel
Emerald	4 Personnel	
St George	6 Personnel	
Roma	4 Personnel	
Toowoomba	4 Personnel	
Rockhampton	3 Personnel	
Flexible Habitat		10 Personnel
St George - Flexible Habitat	10 Personnel	
Transport – Special Ops		2 Personnel
Central Region -	2 Personnel	
Total QFRS Personnel Returned (to date)		123 Personnel
Current QFRS Personnel Deployed		79 Personnel
Total QFRS Personnel Deployed (to date)		<u>202 Personnel</u>

### Queensland Police Service

- Alpha 2
- Barcaldine 1
- Emerald 20
- Gladstone 7
- Jericho 1
- Maura 2
- Rockhampton 96
- Roma 8
- St George 10
- Theodore 12
- Woorabinda 4
- SDCC 9
- Total 170

### Emergency Management Queensland (as at 8-1-11)

- Mt Isa - Nil
- Biloela/Theodore - 2
- Emerald - 6
- Dalby - 2
- Rockhampton - 3
- Bundaberg - 2



- Roma - 3
- St George – 6

#### QBuild

- 12 staff deployed from Brisbane (6 electricians, 1 refrigeration mechanic, 4 condition assessors and 1 supervisor) to Capella.
- QBuild Capricornia region - the two QBuild staff located in the Emerald Township and the two QBuild staff located at the Cotton Gin (east side of Nogoa River) have now joined and are presently working to have the QBuild Emerald depot operational.

## **Attachment 6: Agency / Stakeholder Reports**

### **QAS**

- Gladstone: helicopter operations continue within the area. TMC in place at airport. A teleconference will be held at 1830hrs today with Q Health to discuss ongoing operation of the TMC.
- Theodore; QAS operations established at the local RSL hall. QAS facility currently unservicable.
- St George; QAS continues to provide a TMC support health services. Flood level peaked below forecast. Limited access via road. ADF helicopter deployed at Roma able to assist with medical cases. QAS Fight paramedic also stationed at St George.
- Condamine; 2 officers in place while recovery efforts underway. 4WD capability.
- Maryborough; Localised flooding of Bruce Highway. QAS moved to south-east side of river; Granville. Peak level in Maryborough is expected to be approx 8.4 metres.
- Gympie; Peak in Gympie is projected at between 16 and 17 metres which will result in inundation of some lower areas of the township. North Coast Region are currently preparing a service delivery strategy for Gympie in expectation of the projected water levels.
- Diranbandi: 2 officers in place while recovery efforts underway. 4WD capability

### **QFRS**

- Warwick Station: water through station. Estimated 3-6 weeks until back to normal business.
- Wandoan Station: Electrical equipment damage (server and siren). Estimated 3-4 weeks until back to normal business.
- 2 swift water rescues performed at Gracemere and Water Park Creek
- Biloela: All Rapid Damage Assessments and Primary and Secondary searches are completed for the town of Theodore excluding approximately 10 properties that remain in accessible. 147 premises assessed in total.
- Emerald: All Rapid Damage Assessments and Primary and Secondary searches are completed for the town. 630 premises in total.

### **Red Cross**

- Red Cross Emergency Services has implemented an Incident Management Team to respond to the current flooding event. Requests from relevant LDMGs to DDCs are in place.
- Evacuation Centres are being managed in Moura (for evacuated Theodore residents), Emerald, Dalby (including for Condamine residents), St George and Rockhampton.
- Recovery is being carried out in Chinchilla, Moura, Theodore, Chinchilla, Bundaberg, Rockhampton and Emerald, assisting with an Information Centre in Dalby and St George, and Outreach in Bundaberg, Chinchilla, Dalby, Condamine, Rockhampton and Emerald.

## Department of Communities (Doc)

Nil information at time of Sitrep

### Ergon

- Dalby - Approx 826 customers have been disconnected today. The Dalby Central substation has been sandbagged and is being closely monitored.
- Toowoomba - commercial premises being disconnected as ground level assets have been underwater. No numbers available yet.
- Maryborough - 25 customers off supply due to inundation or as a safety precaution (2 residential and 23 commercial)
- Condamine 10 customers now without supply (8 residents and 2 community buildings)
- St George - 26 customers remain off supply.
- Emerald 118 premises remain off supply, no change from yesterday.
- Theodore - 38 off supply (incorrect data had us reporting 13)
- Rockhampton - 514 remain off supply - we don't expect to be able to do reconnects

### Red Cross

- Managing Evacuation Centres in Moura (for evacuated Theodore residents), Emerald, Dalby (including for Condamine residents), St George, Rockhampton and Gympie
- Carrying out Recovery in Chinchilla, Moura (for Theodore), Emerald, Rockhampton, and Bundaberg, assisting with an Information Centre in Dalby and St George, and Outreach in Bundaberg, Dalby, Chinchilla, Condamine, Rockhampton, Toowoomba, Mundubbera, St George and Emerald.

### Queensland Health

#### Dirranbandi

- The flood peak is not expected till 15th-18th January 2011 and expected to remain up for 7-10 days.
- A watching brief is being maintained on the 'flow-on' effect in the Condamine River due to the rising flood levels in Dalby.
- Staffing requirements are being monitored.

#### Darling Downs/ West Moreton

- 10 – 15 facilities are currently isolated, however, all services are functioning as normal.
- Staffing levels are being monitored.
- The recurrence of the flood, deteriorating weather and continued isolation of some areas is affecting staff morale and support is being provided. Staff members have been working extra shifts to cover service delivery.
- Maternity requirements at Dalby and Esk are being reviewed.

#### Condamine

- Rural and Remote nursing staff will be pulled back today.
- The 'Boil Water' Alert remains. The earliest possible change in this status is Thursday.

#### Dalby

- There are now two Evacuation Centres operating with the re-opening today (10.01.2011) of a centre. It was noted at the State Disaster Coordination Committee that one centre is isolated.
- Mental health staff are being deployed to the Evacuation Centres to provide support.



- A compromise in the potable water supply is anticipated with only 3 -4 days supply currently remaining. Water trucks which were previously used to truck-in water are likely to have access issues. The situation is being monitored.

#### **Theodore**

- The medical centre opened in the hospital today (10.01.2011). The full facility is to reopen once reliable water supply is restored to town.
- Health Service District executive staff are conducting a site visit today (10.01.2011) to assess capacity.
- A Recovery Plan is being implemented. Mental health support is currently being sourced from Biloela. A mental health support team are on stand-by for deployment from Brisbane pending further advice as to level of need following the assessment.

#### **Gympie**

- The township is now isolated with flooding expected to peak at 20m. Advice has been received that the hospital will not be impacted at the this flood level.
- No evacuations have been requested at this time.
- The Emergency Department at the hospital continues to provide services despite damage following a water leak. Tarpaulins and sandbags are in situ. QBuild assessed the damage on Sunday (09.01.2011) however it is anticipated that the damage can not be repaired until the rain stops.
- There are emerging supply of power issues with Energex reporting that it has not been able to supply a private aged care facility (Bluecare Nursing Home – Grevillea Gardens) with a generator. The issue is being followed up by the Local Government Disaster Management Group and the State Health Emergency Coordination Centre is monitoring the need for evacuation of the aged residents.
- The need to establish an Emergency Department facility in the south of the town is being considered. Support may be provided to the GP Clinic located there.
- Dialysis patients continue to be monitored. 1 patient from Bauple is overdue but all efforts are being made to contact the patient. Patients who normally receive dialysis in Gympie have been offered accommodated in town if needed.

#### **Caloundra**

- The hospital elevator has been flooded. This is being pumped out and does not impact on services.

#### **Maryborough**

- The clinic established at Granville remains open.
- 6 renal dialysis patients are being air lifted by helicopter to Hervey Bay today (10.01.2011).

#### **Retrieval Services Queensland**

- All RFDS flights in SE Qld were stopped last night due to the severe weather warnings.
- Workloads remain heavy with an additional 14 flood related cases referred to QCC yesterday (09.01.2011) from 0000-1800hrs issues.

#### **DEEDI**

- Nil update at time of SitRep

#### **Department of Public Works**

- Nil update at time of SitRep

#### **Ergon**

- Dalby - Myall Ck predicted to rise to 3.5m today, the same level as 27 Dec 2010, at this level Ergon had 207 customers disconnected. Dalby Central substation is at risk of inundation if Myall Creek reaches a height of 3.7m or above. Ergon investigating options to raise the container housing all the substation control equipment. Access from Toowoomba to Dalby for the

substation crew is currently an issue due to road closures, transport options are currently being investigated.

- Maryborough - 45 customers off supply due to inundation or as a safety precaution (20 residential and 25 commercial).
- Condamine - 10 customers now without supply (8 residents and 2 community buildings).
- St George - 26 customers remain off supply.
- Bundaberg - town power is available to all residential and business premises. Around 10 homes still require work to be completed by an electrical contractor.
- Emerald - 118 premises remain off supply, no change from yesterday.
- Theodore - 38 off supply (incorrect data previously reported 13).
- Rockhampton - 514 remain off supply – not expected to be able to reconnect.

#### Southern Region

- Maryborough - 45 customers off supply due to inundation or as a safety precaution (20 residential and 25 commercial) Sections of city have remained isolated
- Dalby - 10 residential customers disconnected. Myall Ck is currently at 3.2m and rising. We currently have 10 domestic residences disconnected due to inundation of Ergon Energy assets (Padmount transformers and Pillar boxes). The creek is expected to reach at least 3.5m by lunch time today. This is the same level it reached on the 27th of Dec 2010 and as a result 207 customers were disconnected (mostly residential).
- Condamine - 10 customers now without supply (8 residents and 2 community buildings) with 1 restored yesterday. All of Ergon Energy's assets are now energised and supply is available to these 10 installations. Supply will be restored when repairs have been done to the private installations.
- St George - 26 customers remain off supply (20 inundated and a further 6 as a precaution).
- Surat - (Candy Downs SWER) - only 1 residence remains off supply.
- Bundaberg - has only around 15 remaining off supply, with another 5 restored today. Power is available to all residential and business premises, however these remaining customers require major rebuild work before being reconnected.

#### Central Region

- Rockhampton - 514 customers remain without supply. According to the latest advice regarding flood levels, we don't believe water will have receded enough to be able to start making substantial reconnects until towards the end of this week.
- Emerald - 118 premises remain off supply with only one reconnect yesterday. A number of these are vacant houses and units.
- Theodore - 38 customers off supply, We had been reporting 13 however following a data check it is in fact 38. We have crews onsite today and hope to have more premises reconnected this afternoon.
- Moura - 21 off supply.
- Wilpeena Rd Dingo - all customers restored.

**Attachment 7: 132 500 (Tasks) Statistics (period 16:00 09.01.11 to 16:00 10.01.11)**

Region	Calls Answered
Far Northern Region	
	40
Northern Region	
	55
Central Region	
	467
North Coast Region	
	301
Brisbane Region	
	16
South East Region	
	40
South West Region	
	534
Unknown origin	
	57
<b>TOTAL</b>	<b>3503</b>

\* Outstanding tasks have been recorded in RFA Online but are yet to be allocated or completed



## Karen Cowell

**From:** Pauline Evans [REDACTED] on behalf of SDCC  
[SDCC@REDACTED]  
**Sent:** Tuesday, 11 January 2011 5:19 AM  
**To:** ccd [REDACTED] DisasterManagement [REDACTED] Aaron Minos; Adam Shortman; Alistair Dawson; Andrew Somerville; bette kill; bob.reilly [REDACTED] Brett Harrison; Pointing Brettm; Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland [REDACTED] David Smith; DCS Media; Debbie Best; Desley Boyle; EMQ Regional Directors; Flood Recovery Taskforce; 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 Cheadle; Jim McGowan; John Gaskin.com.au; John Ryan; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; 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; Natalie MACDONALD publicworks; Neil.Roberts [REDACTED] Owen Sadler (ADF); owen.paulson [REDACTED] Owen Paulson; Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrener; Peter Willett (AG); peter.artemieff [REDACTED] QPS Media; Rai Whitten; hahn.richard [REDACTED] Robbie Medlin; Robert Bundy; Rodney Walz; Roger Lye; 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; 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] 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] DDC.Warwick [REDACTED] DDC.Brisbane [REDACTED] DDC.Mountisa [REDACTED]; henderson.andrewc [REDACTED] Peter Martin; Brad Smith; Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED]; David Eastman (DIP); DERM Generic email; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Ian Dunn (ADF JOSS); Irina Stankovska; jackie.moonev [REDACTED] Jeff.Shelberg [REDACTED] John Cawcutt (jcawcutt [REDACTED] john.rossiter [REDACTED] Justin Fitzgerald; ksullivan [REDACTED] michael.boyle [REDACTED] Michael Dart; Michael Dickinson; Michael Pecic; Michael.Shapland [REDACTED] Neville.MOO [REDACTED] noel.gillard [REDACTED] norm.archer [REDACTED] patrick.j.quirk [REDACTED]; Paul.Adcock [REDACTED] peter.allen [REDACTED]; Peter Chapman; Peter Dunn; phil.carney [REDACTED] Phil.Nickerson [REDACTED] russellhoward [REDACTED] sbartlett [REDACTED] State DC Group; trevor.dann [REDACTED] Trevor Leverington; Aaron Groves; Anila.R.Fredericks [REDACTED] Bernard.Trembath [REDACTED] Bill Date; Conrad Adams; Daniel Altoft; Daniel Young; David Boulton; David.Hermann [REDACTED] J.Davidson [REDACTED] john.g.wright [REDACTED] Iratz [REDACTED] Mike franks; Paul Dimech; Robert Schwartz; Sean Kenny; Steve Waddell; Bob Atkinson (Queensland Police); David Stewart (DTMR); Deb Watkins SDMG QPS; Gerard Bradley; Graeme Newton (DIP); greg\_hallam [REDACTED] Jeannette Young (Queensland Heath); John Bradley (DERM); Julie Grantham (DET); Linda Apelt (DG Communities); Mal Grierson; 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 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
- 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**

### **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 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'y 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



**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-fn7iwx3v-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

Phone: [REDACTED] (24/7) | Email: [sdcc@](mailto:sdcc@) [REDACTED]

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it

from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Tuesday, 11 January 2011 7:20 AM  
**To:** 'pt.lucas'  
**Subject:** Fw: Water Grid dam release strategy  
**Attachments:** Technical Situation Report W38.docx

DP

Latest report on releases from Wivenhoe. Note uncertainty about impact of Lockyer.

---

**From:** Dan Spiller <[REDACTED]>  
**To:** 'stephen.robertson'; Ken Smith; 'Lance McCallum'; 'Tim Watts'; 'Geoff Stead'; 'lauren.sims'; 'Martin.Peter'; 'Dunn.KerryG';  
**Cc:** Barry Dennien; 'pborrows'; 'Rob Drury'; 'pbird'; 'Damien Brown'; 'bob.reilly'; 'terry.wall'; 'Madgwick.DarrenT';  
**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 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.



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/> .  
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-----

Your Anti-virus Service scanned this email. It is safe from known viruses.

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



Swimming in weirs and  
flowing water is FA1

rethink



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)

Important information: This email and any attached information is intended only for the addressee and may contain confidential and/or privileged information. If you are not the addressee, you are notified that any transmission, distribution, or other use of this information is strictly prohibited. The confidentiality attached to this email is not waived, lost or destroyed by reasons of mistaken delivery to you. If you have received this email in error please contact the sender immediately and delete the material from your email system. QLD Bulk Water Supply Authority ABN75450239876 (Trading as Seqwater).

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.



## TECHNICAL SITUATION REPORT

TSR Number	W38	Date of TSR release	11.1.2011	Time of TSR release	6.30am
------------	-----	---------------------	-----------	---------------------	--------

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Maintain releases to keep Wivenhoe below RL74 at which significant releases need to be made to ensure the dam security and minimise flood impacts downstream if possible</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Maintain current release of 2750cumecs as long as possible but it may need to be increased</li> <li>Close sluices at Somerset Dam to store more water however will affect upstream areas.</li> <li></li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected around 1,500,000ML which is close to 1974 event.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected around 1,500,000ML which is close to 1974 event.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Rainfall

Rainfall continues in the North Pine Dam, Somerset Dam and Wivenhoe Dam catchments. Isolated falls in the Upper Brisbane River of up to 125 mm have been recorded with widespread falls of 40 to 70 mm in the Somerset Dam catchment. This rainfall will increase inflows into the dam.

There has also been 20 to 60 mm in the Lockyer Creek catchment in the last 12 hours with falls of up to 30 mm in the Bremer River.

A severe weather warning remains current for heavy rainfall in the dam catchment areas. The QPF issued by BOM at 16:00 estimates rainfalls for the 24 hours to 10:00 Tuesday as North Pine Dam (25mm to 50mm, with isolated falls to 100mm); Wivenhoe/Somerset Dam Catchments (25mm to 50mm, with isolated falls to 100mm).

### North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level is 39.80m AHD and has commenced rising again (storing 4,400ML above FSL). Five gates are open releasing 177 m3/s. The inflow into the dam since the commencement of the event is 77,000 ML. Estimated event volume is 88,000 ML assuming no further rainfall. Releases from the dam will continue until at least Wednesday 12 January 2011.

### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level is 103.27m AHD and falling slowly. Peak inflow to the dam is estimated to be about



4,200 m<sup>3</sup>/s. Total discharge into Wivenhoe Dam is currently 1400 m<sup>3</sup>/s and this discharge will be decreased in the next few hours to be around 500 m<sup>3</sup>/s later on Tuesday. This is to ensure that the combined flood mitigation capacity in Somerset and Wivenhoe Dam is maximized.

The dam level peaked at 103.52m AHD at 19:00 on Monday 10 January 2011, (unless further significant rainfall is experienced). Areas around Kilcoy will continue to be adversely affected.

#### **Wivenhoe Dam (Full Supply Level 67.00 m AHD)**

The dam level is 73.51m AHD and rising at about 25 mm/hour. Releases from the dam have been held at a rate of 2,750 m<sup>3</sup>/s since 19:30 hours on Monday 10 January 2011. Outflows into the Brisbane River from both Lockyer Creek and the Bremer River are also increasing.

The BoM has provided further advice about the flash flooding experienced in the upper areas of Lockyer Creek. The rainfall responsible for this event was not observed at any rainfall stations but it is considered to be extreme. Flood levels in the Lockyer Creek catchment will exceed maximum recorded levels in some stations in the upper catchment. This flow will result in increases in Brisbane River levels below the junction of Lockyer Creek.

Five radial gates are currently open at the dam releasing about 2,750m<sup>3</sup>/s into the Brisbane River. At this stage, the dam will reach just over 74.0m AHD during Tuesday evening.

Above EL 74.0m AHD the objective for dam operations is to maintain the security of the dam and minimise downstream flood flows if possible.

If further rainfall occurs, dam releases may need to be increased further and this may result in river flows in the lower Brisbane River approaching or exceeding 5,000m<sup>3</sup>/s.

#### **Impacts downstream of Wivenhoe Dam**

The projected Wivenhoe Dam releases combined with Lockyer Creek flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Sunday 16 January in varying degrees.

Water levels in the lower Brisbane River will be impacted by the combined flows of Lockyer Creek, Bremer River, local runoff and releases from Wivenhoe Dam.

The BoM will provide further information regarding the magnitude of the flash flood event occurring in Lockyer Creek early Tuesday morning. Consideration was given to modifying the releases from Wivenhoe Dam to try to moderate the peak flows emanating from Lockyer Creek but the rainfall in the past 12 hours in the catchment above the dam makes this option not possible. Therefore instead of decreasing releases to accommodate the Lockyer Creek flows, the strategy will endeavour to maintain the current releases until Lockyer Creek peaks.

#### **Outlook**

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate over the next 24 hours. The flood operation centre will continue to monitor the situation and provide situation reports every six hours until the situation stabilizes.

Seqwater Technical Officer name

Robert Drury

Seqwater Technical Officer position title

Dam Operations Manager



## BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

## Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

## Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

## Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	



Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--

## Karen Cowell

---

**From:** Wally Kearnan  
**Sent:** Tuesday, 11 January 2011 11:50 AM  
**To:** Paul Sariban; Rachel Lunnon; Bruce Visser; Sally French  
**Cc:** Ken Smith; 'jo.bad'; Annette Whitehead; David Hourigan; Adrian Jeffreys; Christine Castley  
**Subject:** RE: Request for Meeting with Task Force - Recovery

Colleagues,

I will respond on DPC's behalf.

Is anyone not available on Friday between 1 and 4pm? I have booked the DG's Large Conference Room on level 15 for the meeting.

If you are not available please nominate an alternate. ED's welcomed.

Cheers

**Wally Kearnan**  
Rural Advisor  
Office of the Director-General  
Department of the Premier and Cabinet

Executive Building Floor 15  
100 George Street Brisbane QLD 4000  
PO Box 15185 City East QLD 4002

Tomorrow's Queensland: strong, green, smart, healthy and fair - [www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

---

**From:** Flood Recovery Taskforce  
**Sent:** Tuesday, 11 January 2011 10:15 AM  
**To:** Linda Apelt (DG Communities); 'bette.kill'; 'ian.fletcher'; Mal Grierson; 'jack.z.noye'; 'david.m.stewart'; 'debbie.best'; 'john.bradley'; 'Natalie.macdonald';  
**Cc:** 'Bruce.visser'; Paul Sariban; Wally Kearnan; Rachel Lunnon; 'Bruce.grady'; 'statercoverycommittee'; 'recoverytaskforce'; Flood Recovery Taskforce  
**Subject:** Request for Meeting with Task Force - Recovery  
**Importance:** High

Dear Sir/Madam,

In order for Task Force – Recovery (Task Force) to deliver the draft *Rebuilding Queensland Road Map (RQRM)* to the State Emergency and Security Council on Monday 24 January 2011 at 9.00 am, it is necessary for Task Force members to meet with the Chairs (or designated representative), and their staff, of the five functional sub-committees responsible for recovery and rebuilding, and with the staff of DG DPC for Public communications advice.

Your contact details have been provided from the office of the State Disaster Recovery Coordinator.

The purpose of this meeting is to:

1. Identify and confirm each Department's mission to support recovery activities and rebuild Queensland,
2. Identify key tasks to achieve the Department's mission,
3. Identify challenges that may be encountered, with emphasis on capability shortfalls or surpluses,
4. Identify the Department's concept of operations to achieve the tasks associated with recovery activities and rebuilding Queensland, and
5. Identify any information gaps that may exist.

Members of the Task Force would attend to a meeting room (with PowerPoint facilities) nominated by your office.

The proposed agenda for the three hour meeting period is:

5 mins	Introduction by Task Force members
5 mins	Introduction by Functional sub-committee members
50 mins	Discussion around meeting purpose.
15 mins	Break
1hr 30 mins	<i>Rebuilding Queensland Road Map.</i>
15 mins	Wrap up

As this information is required to enable further planning and to enable a Cabinet submission to be delivered by Fri 21 January, the following schedule is proposed:

Wed 12 Jan 9.00 am – 12.00 pm: Department of Communities

Wed 12 Jan, 1.00 pm – 4.00 pm: Department of Employment Industry Development and \nnovation

Thu 13 Jan, 9.00 am – 12.00 pm: Department of Works

Thu 13 Jan, 1.00 pm – 4.00 pm: Department of Transport and Main Roads

Fri 14 Jan, 9.00 am – 12.00 pm: Department of Environment and Resources

Fri 14 Jan, 1.00 pm – 4.00 pm: Department of Premier and Cabinet

While it is appreciated that all departments are extremely busy with the current situation and the effort to rebuild QLD, your support in this matter is greatly appreciated.

Your early advice by close of business today, Tuesday 11 January on the suitability of the proposed timings and the address for the meetings would be greatly appreciated. My point of contact for this matter is Jo Beadle, on telephone [REDACTED] or email: [REDACTED]

The short notice of this requirement is regretted but is unavoidable.

Chris Field  
Colonel  
Task Force - Recovery



## Karen Cowell

---

**From:** Fletcher, Ian  
**Sent:** Tuesday, 11 January 2011 2:37 PM  
**To:** Ken Smith  
**Subject:** Re: Maintaining Responsiveness during Flooding

Ken,

Thanks. An important and helpful message, which will be well-received.

Ian.

---

**From:** Ken Smith <Ken.Smith>  
**To:** 'alex.beaver'; Fletcher, Ian;  
'graeme.newton'; 'Jack Noye';  
'terry.wall'; 'KILL Bette';  
'philip.reed'; <philip.reed>; Mick Reid  
'lyn.mckenzie';  
'Bob Atkinson (Queensland Police)'; 'Jim  
McGowan'; 'natalie.macdonald';  
<natalie.macdonald>;  
**Cc:** Margaret Allison; Gerard Bradley;  
'David.M.Stewart'; <David.M.Stewart>; 'john.bradley';  
Linda Apelt (DG Communities);  
'julie.grantham'; Mal Grierson  
'; Lynn Pramberg'; Mandy Bird  
'; 'Diane.Fahey'; Conaty,  
Paula; 'tracy.schneider'; 'Donna.m.crawley';  
'Williams Lynette'; Jessica Redman  
'; 'Helen Batchelor';  
'kylie.robins'; 'Jasmine Love';  
'Trish Nielsen'; 'Ann.lane';  
'; 'Lennon.fionac';  
'Doris.galea'; 'Cathy.cross';

**Sent:** Tue Jan 11 14:31:29 2011

**Subject:** Maintaining Responsiveness during Flooding

Dear Colleagues,

Due to the significant risk of localised flooding in the Brisbane area, I understand that a number of staff members from your departmental service delivery functions and portfolio agencies have been advised to leave their place of work and make their way home, because of delays being experienced in getting out of the city.

With significant rainfall predicted to continue in the South East, at the same time as normal season peak tides, there is some risk of inundation of low lying areas around the CBD over the next couple of days. In addition, it is appreciated that some staff may have difficulties in getting to work.

Although these are difficult circumstances, it is expected that all departments and government agencies will follow their business continuity plans, and ensure that service delivery to the public is maintained. Please ensure that your department or agency is still able to provide government services to the community. If essential staff are on leave at the moment, it would be appreciated if they could return to duty.

If your office is directly affected by the flooding we need to be able to establish a base at another location, please contact the Government Office Accommodation Unit in DPW – Ms Karen Lyon-Reid on telephone [REDACTED] or [REDACTED] who will be able to assist

A message suitable for passing on to your staff and other agencies is attached.

Regards

Ken Smith and Margaret Allison

**Ken Smith**

Director-General

Department of the Premier and Cabinet

Phon [REDACTED]

Emai [REDACTED]

**Tomorrow's Queensland: strong, green, smart, healthy and fair** - [www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

**Please consider the environment before printing this email**

**Message for staff**

Dear colleagues

Due to the significant risk of localised flooding in the Brisbane area, I understand many staff have been advised to leave their place of work and make their way home, because of delays being experienced in getting out of the city.

With significant rainfall predicted to continue in the South East, at the same time as normal season peak tides, there is some risk of some flooding of low lying areas around the CBD over the next couple of days. In addition, it is appreciated that some staff may have difficulties in getting to work.

I would encourage staff not to panic in these circumstances, and to seek advice from reputable sources to make informed judgments about whether travel to work is possible. If you are unable to attend work because of access issues, please advise your line manager at the earliest opportunity.

It is also vital to ensure that we continue to carry out our responsibilities as public servants to deliver services to the community. Although some services may be impacted by the flooding event, it is important that we make any necessary contingency arrangements to ensure service delivery continues. This is an anxious time for many residents of South East Queensland so it is particularly important that we are available to deliver the services they require.

Regards,

\*\*\*\*\*DISCLAIMER\*\*\*\*\*

The information contained in the above e-mail message or messages (which includes any attachments) is confidential and may be legally privileged. It is intended only for the use of the person or entity to which it is addressed. If you are not the addressee any form of disclosure, copying, modification, distribution or any action taken or omitted in reliance on the information is unauthorised. Opinions contained in the message(s) do not necessarily reflect the opinions of the Queensland Government and its authorities. If you received this communication in error, please notify the sender immediately and delete it from your computer system network.

-----  
This email is intended only for the addressee. Its use is limited to that intended by the author at the time and it is not

to be distributed without the author's consent.

Unless otherwise stated, the State of Queensland accepts no liability for the contents of this email except where subsequently confirmed in writing. The opinions expressed in this email are those of the author and do not necessarily represent the views of the State of Queensland. This email is confidential and may be subject to a claim of legal privilege.

If you have received this email in error, please notify the author and delete this message immediately.

-----

-----



## Karen Cowell

---

**From:** Steven Dunn  
**Sent:** Tuesday, 11 January 2011 8:41 PM  
**To:** ccd; DisasterManagement; Alistair Dawson; Andrew Somerville; bob.reilly; Brett Harrison; Pointing Brettm; Bruce Grady; Chris Broomfield; Colonel Luke Foster; corinne.mulholland; DCS Media; Debbie Best; 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 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; John Ryan; 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; Andrew Goodman; betty kiernan; corinne.mulholland; david.smith; Kate.Lennox; Melissa.Patch; Neil Roberts; scott.chandler; tim.mulherin; Zac Skyring; Natalie MACDONALD publicworks; Neil.Roberts; Owen Sadler (ADF); Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrener; Peter Willett (AG); peter.artemief; QPS Media; Rai Whitten; hahn.richardj; 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 Brettm; ddc.bundaberg; DDC.Cairns; DDC.Charleville; DDC.Dalby; DDC.Gladstone; DDC Gold Coast; DDC.Gympie; DDC.innisfail; DDC Ipswich; DDC.Logan; DDC.Longreach; DDC.Mackay; DDC.mareeba; DDC.Maryborough; DDC.Redcliffe; DDC Rockhampton; DDC.Roma; DDC Sunshine Coast; DDC.Toowoomba; DDC.Townsville; powers.noel; DDC.Warwick; DDC.Brisbane; DDC.Mountisa; henderson.andrewc; Peter Martin; Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons; Craig Bartlett; David Eastman (DIP); DERM Generic email; Don Bletchly; Fiona Ferrier; graham.atkins; Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; jackie.mooney; Jeff Shelberg; John Cawcutt; john.rossiter; Justin Fitzgerald; ksullivan; michael.boyle; Michael Dart; Michael Dickinson; Michael Pecic; Michael Shapland; Neville.MOO; noel.gillard; norm.archer; Patrick Byrne; patrick.j.quirk; Paul Adcock; Peta Robertson; peter.allen; QAS R5 South East Area Director; Peter Dunn; phil.carney; Phil Nickerson; russellhoward; sbartlett; State DC Group; trevor.danne; Trevor Leverington; Warren Bridson; Aaron Groves; Anila.R.Fredericks; Bernard Trembath; Bill Date; Conrad Adams; Daniel Altoft; Daniel Young; David Boulton; David Eastman; David Hermann; J.Davidson; john.g.wright; john.rossiter; Iratz; Michael Dart; Michael Franks; Paul Dimech; hahn.richardj; Robert Schwartz; Scott Leonard; Sean Kenny; Steve Waddell; g.holcombe; b.rolstone  
**Subject:** SDCC Teleconference at 11:00 hrs on Wednesday 12 January 2011 for Queensland Flooding

Good Evening,

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:** Wednesday 12 January 2011

**Timing:** 11:00 hrs

**Dial-in Instructions:**

- Please call 5 minutes prior to teleconference commencement;
- Dial [REDACTED] 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:

**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

<b>Flooding Effects</b>	<b>External Flooding (yard and under house)</b>	<b>Internal flooding (across floorboards)</b>
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 or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)

## Karen Cowell

**From:** Steven Dunn [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Tuesday, 11 January 2011 11:04 PM  
**To:** ccc [REDACTED]; Aaron Minos; Adam Shortman; Alistair Dawson; Andrew Fraser; Andrew Somerville; bette kill; bob.reilly [REDACTED]; Brett Harrison; Pointing Brettm; Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland [REDACTED]; Craig Mills; David Smith; DCS Media; Debbie Best; Desley Boyle; DisasterManagement [REDACTED]; Edmund Burke; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Preedy; Flood Recovery Taskforce; Gavin Trembath; Gerard Rabelink; Addie Zannes; Florence Fang; Francesca 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; John Ryan; Joshua O'Keefe; Kate van Poelgeest; Kathy Brown; Ken Smith; kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Lucas Mckennariey (ADF); Mark Dole; Mark Roche (QFRS); Mark Symons; Matt Lipsett; Max Smith publicworks; Meg Frisby; Melissa Patch; Michael Hahn (ADF); Michael.Kinnane; Minister's Office; Natalie MACDONALD publicworks; NSW SEOC; Owen Sadler (ADF); owen.paulson [REDACTED]; Owen Paulson; Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrener; Peter Willett (AG); peter.artemieff [REDACTED]; QFRS Special Ops; QPS Media; Rai Whitten; hahn.richard [REDACTED]; Robbie Medlin; Robert Bundy; Rodney Walz; Roger Lye; Samuel Mitchell; 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 Brettm; 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]; 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.noelj [REDACTED]; DDC.Warwick [REDACTED]; DDC.Brisbane [REDACTED]; DDC.Mountisa [REDACTED]; henderson.andrewc [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 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 Mulherin; Trevor VanDam; Warren Bridson; Zachary Skyring; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Wayne Coutts; Wayne Preedy; Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED]; David Eastman (DIP); DERM Generic email; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED]; Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; jackie.mooney [REDACTED]; Jeff.Shelberg [REDACTED]; John Cawcutt (jcawcutt [REDACTED]; john.rossiter [REDACTED]; Justin Fitzgerald; ksullivan [REDACTED]; michael.boyle [REDACTED]; Michael Dart; Michael Dickinson; Michael Pecic; Michael.Shapland@ [REDACTED]; Neville.MOO [REDACTED]; noel.gillard [REDACTED]; norm.archer [REDACTED]; Patrick Byrne; patrick.j.quirk [REDACTED]; Paul.Adco [REDACTED]; Peta Robertson; peter.allen [REDACTED]; Peter Chapman; Peter Dunn; phil.carney [REDACTED]; Phil.Nickerson [REDACTED]; russellhoward [REDACTED]; sbartlett [REDACTED]; State DC Group; trevor.dann [REDACTED]; Trevor Leverington; Warren Bridson; Aaron Groves; Anila.R.Fredericks [REDACTED]; Bernard.Trembath [REDACTED]; Bill Date; Conrad Adams; Daniel Altott; Daniel Young;

**To:** David Boulton; David Eastman; David.Herman; [REDACTED]  
J.Davidson; [REDACTED] john.g.wright; [REDACTED]  
john.rossiter; [REDACTED]; Iratz; [REDACTED]; Michael Dart;  
Mike franks; Paul Dimech; hahn.richard; [REDACTED] Robert Schwartz; Scott  
Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson  
(Queensland Police); Pointing Brettm; Bruce Grady; Colonel Luke Foster; David Stewart  
(DTMR); Deb Watkins SDMG QPS ; Gerard Bradley; Graeme Newton (DIP);  
greg\_hallam; [REDACTED] Ian.fletcher; [REDACTED] Jeannette Young (Queensland  
Heath); Jim McGowan; John Bradley (DERM); Julie Grantham (DET); Ken Smith; Linda  
Apelt (DG Communities); Mal Grierson; 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

[REDACTED]

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)



 	<b>Situation Report</b> State Disaster Coordination Centre	 <b>Queensland Government</b>
<b>Event:</b> Central Coast Flooding December 2010		
<b>Daily SitRep No:</b> 019	<b>Time:</b> 20:00hrs	<b>Date:</b> 11/01/11
<b>Distribution:</b> Minister, Director-General, Executive Director		
<b>From:</b> State Disaster Coordination Centre – Kedron Phone: [REDACTED] Facsimile: [REDACTED] Email: [REDACTED]		

## 1. Statewide Summary

- The significant weather event that occurred in Toowoomba, the Lockyer Valley and Esk yesterday has now claimed 9 lives with 66 people still missing.
- **Brisbane and Ipswich are now preparing for major flooding over the next 48 hours**
- **A State-level Disaster Declaration has now been declared (details below)**
- There are 4,181 registered evacuees (total number of persons registered with Red Cross) as of 1500hours, Tuesday, 11 January 2011.
- Across the state, there are 1,020 houses inundated with water over floorboards, 5,988 with water in yards; 1,108 houses have been evacuated with 2,729 people currently evacuated. There are approximately 487 businesses affected.
- There are 28 evacuation centres operating across the state.
- Emergency Alerts issued today for **Caboolture & Burpengary (2), Ipswich and Dalby** all advising that the water is rising rapidly and to consider self-evacuation.

### Toowoomba & Lockyer Valley Significant Weather Event

- **Further significant rainfall occurred in areas of the Lockyer Valley. Conditions expected to improve of the next few days.**
- **QPS and Emergency Services continued to search for unaccounted people and continue recovery operations as weather permitted.**
- Nine fatalities have been confirmed with 77 people still listed as missing.
- **Extensive damage has occurred within the Lockyer Valley areas of Grantham, Laidley, Helidon, Withcott and Murphy's Creek. Inspection of most areas is unable to be completed due to isolation.**
- **Evacuations commenced at Forest Hill to the School of Arts and the Forest Hill State School. People at the School of arts are being airlifted to higher ground at Gatton due to rising floodwater.**
- **Further evacuations occurred at Laidley.**
- **A QPS Forward Command Post has been established at Murphy's Creek State School to cover matters at Murphy's Creek and Withcott.**
- **Oakey has experienced significant rises in Oakey Creek resulting in homes being inundated resulting in numerous evacuations to Toowoomba Grammar School.**
- **Toowoomba Airport is open as is the Oakey Army Aviation Base**
- **Withcott Water Treatment Plant is out of action. Bottled water is being provided to residents**
- **The Toowoomba LDMG has activated and a LDCC has been established.**



- Landslides have occurred on the Toowoomba Range completely blocking the Warrego Highway on the Range.
- Landslides have occurred on the New England Highway north of Toowoomba at Mt Kynoch. This has blocked the two north bound lanes. The two south bound lanes remain open and are being utilised as one lane in either direction.

## 2. Regional Reports

### 2.1 North Coast Region

#### Caboolture

- **Evacuations are in progress this afternoon**
- **RSL Club Caboolture has opened its doors to take evacuees but number of people there unknown.**

#### Redcliffe Disaster District

- **Woodford, Kilcoy and Moore are isolated.**
- **30 homes in Elimbah are isolated.**
- **Mudslide in Dayboro.**
- **6 Houses evacuated at Dayboro, Strathpine Private Hospital**
- **Evacuations In progress Narangba, Strathpine (600) and Burpengary as well as 300 people from Bald Hills and 500 at Petrie Railway station (looking for where these people will go while QR work out a transportation strategy.**
- **Evacuation centres at the Dayboro Community Centre, Woodford Community Centre, and the Strathpine Community Centre.**

#### Gympie

- **Currently risk at Gympie is high with Mary River currently at 18.8 meters and falling slowly. The Bruce Hwy is completely closed to the south of Gympie and a diversion route is in place to the north. Kidd Bridge and Normanby Bridge remain closed**
- **Gympie CBD has stopped operating until the flood waters recede below 14M**
- **Gympie Southside emergency Services centre continues to operate and provide service to the affected community isolated from the rest of Gympie.**
- **Kingaroy, Murgon, Goomeri, Cherbourg, Nanango and Kilkivan townships remain isolated with highways into the town cut by floodwater.**
- **At 1500 hours there were 46 residences in the region affected by total inundation with a further 51 yards affected. 61 business affected by total inundation and 12 with external flooding.**

#### Maryborough

- **A Declaration of a Disaster Situation has been signed off for Maryborough.**
- **Approximately 20-30 houses with yards inundated.**
- **Three houses and ten businesses inundated.**
- **12 people evacuated from caravan park.**
- **5 businesses have been affected.**
- **Lamington Bridge remains underwater.**
- **Medical Centre established at Granville Hockey Club (doctors, registered nurses and QAS)**
- **QFRS have placed an appliance and crew at Granville.**
- **The Mary River was at 6.50 metres and rising.**
- **At 17m 13 businesses inundated in CBD.**
- **At 18m 33 businesses inundated in CBD.**
- **A facility to assist stranded tourists has been established at the Maryborough Neighbourhood Centre.**
- **The suburb of Granville and coastal communities of Marroom, Poona, Boonaroo & Tinnanbar remain isolated.**



### **Cooloolo Coast**

- Tin Can Bay, Cooloolo Cove and Rainbow Beach are currently isolated but emergency services, council staff and local resources are available for assistance.

### **Bundaberg**

- 79 businesses affected
- 173 persons registered on NRIS.
- 8 outreach teams operating in the town.

### **Mundubbera**

- 1 Outreach team in town
- 22 houses have been evacuated.
- 73 people have self evacuated.

## **2.2 Central Region**

### **Emerald**

- Full recovery operations occurring at Emerald.
- 50 people staying in the evacuation centre (Emerald Agricultural College).
- 53 people in total evacuated.
- 1600 houses and 100% of business have been affected.
- 2 outreach teams are operating.
- Queensland Health is undertaking fogging to deal with insect plagues.
- 2,527 people have been registered as evacuees with Red Cross.

### **Rockhampton**

- Fitzroy River is slowly falling.
- Rail services are not operating.
- Barge operations from Gladstone to Rockhampton are continuing.
- The review and development of recovery strategies/action plans are continuing.
- Focus is continuing on ensuring communication strategies are in place to inform evacuees and community of response and recovery arrangements. **Council will provide 'clean up kits'.**
- Rockhampton Airport closed for approximately three weeks.
- An extensive public awareness campaign is currently being conducted throughout Rockhampton to advise residents of the recovery operations.

### **Theodore**

- The sewerage system is operating at Theodore however is not fully functioning as repairs are required on sewerage pumps. Currently there is space for 3-4 days of storage with current occupations levels before effluent will need to be discharged.
- Mains water has been restored to parts of Theodore however this water is not potable.
- Clean up of Theodore continues with assistance from QFRS, SES, and volunteers from QR.
- Residents of Theodore continue to be allowed to return to town between the hours of 0800-1600 hours to assess damage etc and continue clean up.
- Waste from Theodore is currently being trucked to Biloela for disposal. The temporary dump site approved at Theodore will not be utilized unless access to Biloela is cut.
- Insurance council has established a claims tent at Theodore (estimate approx 90 claimants in town)
- Evacuation centre is up and running at the RSL hall in Theodore and is being staffed by the Red Cross.
- Dept of communities 'one stop shop' has been established and payments will commence today.



## 2.3 South West Region (QPS Southern Region)

### Chinchilla

- LDCC will maintain operations providing assistance to the community.
- **Catchment area received up to 200 mm of rain and QPS are door knocking affected residences.**
- Focus is on clean up of dwellings and business premises.
- 23 persons are registered on NRIS.

### Condamine

- **Condamine River expected to reach 13M on Thursday.**
- Recovery Plan for Condamine is progressing as planned. A thorough clean up of dwellings and buildings is be in a co-ordinated approach with assistance of SES, Rural Fire Service, WDRC employees, State government employees and local volunteers. Support services are also in attendance or visiting on a regular basis.
- 8 houses and 6 people have been evacuated.
- 7 businesses have been affected.
- Removal of rubbish removed from buildings and flood debris will continue.
- Monitor water levels in Condamine River at the Chinchilla Weir and Condamine town. These water levels will affect road access to Condamine via the east and west. Access to Condamine is currently open to the west and to the south via Tara.
- New Zealand SES workers arrived in Condamine to assist recovery operations.

### Dalby

- **All roads in and out of Dalby are cut with the exception of the Warrego Highway from Dalby to Miles.**
- Myall Creek at Dalby is 3.19m and steady at 1200 hours.
- A further Emergency Alert Message, voice and SMS, were sent out this evening to communicate flood peak information to residents.
- **180** people in two evacuation centres and 299 registered as evacuees on NRIS.
- 100 houses are inundated above habitable areas and 1750 yards inundated.
- 39 businesses currently inundated.
- Police presence to be maintained on both sides of the flooded Myall Creek with the second police base at the Dalby South State School (East side evacuation centre).
- DDCC will maintain operations indefinitely at this stage
- Local Disaster Management Group activated at 2100hrs 9/01/10.

### Dirranbandi

- The town remains isolated with no current issues. Expected to remain isolated for a few weeks.
- Nil issues or concerns; town calm; high visibility Police patrols being conducted
- Levee holding at present with 5.3 m of water surrounding town.

### St George

- River height is at **13.06m** and falling slowly.
- Levees are being monitored & supplemented as required.
- **Fuel supplies were delivered on 10.1.11**
- DDMG report no major issues

### Surat

- The Balonne River is **11.32m** and falling slowly
- Recovery operations are underway. Limited recovery phase expected.
- Business will return as normal once water subsides and road networks open; unknown time frame
- Preparations for mosquito fogging spraying in place
- 5 people evacuated and 2 houses affected.

### **Thallon**

- River height is 5.1m and falling
- Nil evacuation, rescues or inundations
- Preparations for mosquito fogging spraying in place
- Levee bank has been secured & is continually being inspected & monitored

### **Warwick**

- Evacuation notice has been provided to Warwick.
- Evacuation centre have been activated at WIRAC and Slade Campus in Warwick.
- SES have door knocked potential flood effected areas and businesses.
- WIRAC currently has 32 persons registered and Slade Campus has 90 persons registered mostly tourists.
- 40-50 houses inundated and up to 150 have been notified.
- 25 businesses have been impacted by flood waters.
- Local Disaster Management Group activated at 1800hrs 9/01/10.

### **Stanthorpe**

- Evacuation notices have been provided for Stanthorpe and evacuations are occurring.
- Evacuation Centre has been established at the Stanthorpe Civic Centre and a second evacuation has been opened at the Baptist Church in the event that the town is divided.
- SES has door knocked the potential flood effected areas.
- Water on runway at the Stanthorpe aerodrome, council to be contacted before landing.
- 30 houses have self evacuated.
- Due to the inundation of the Stanthorpe Sewerage Treatment Plant effluent has flowed into Quart Pot Creek. Council monitoring.

## **2.4 South East Region**

### **Ipswich DDC Area (Southern Region QPS)**

- Missing four year old child in the Marburg area.
- Significant rain has fallen in the catchment (excess of 150mm)
- Evacuation centres established at Ipswich, Toogoolawah RSL and show grounds, Lowood School Hall, Esk Hall, Mt Tarampa (private residence), Kilcoy Community Centre, Coominya Community Hall and Prenzlau Rural Fire due to road closures and evacuations. 360 people are staying at the above centres and include residents and travellers
- Significant release of water continues from Wivenhoe Dam causing closures on all major roads including Brisbane Valley Highway at Fernvale, Warrego Highway and Cunninham Highway. The road over Mt Crosby Weir and Colleges Crossing are also cut.

### **Hebel**

- Expected to peak on 16.01.2011.
- Township will be monitored until main body of water arrives; no inundations expected
- No evacuations or rescues
- Nil issues with re-supply at this stage but may become a concern if access is cut due to road closures.

### **Toogoolawah isolated.**

- 15 houses effected.
- 103 people in evacuation centre.

## **2.5 Brisbane Region**



- Peak events predicted 1400hrs Wednesday 12 January 2011.
- Wivenhoe Dam is at 74.31m – releases have not been increased at this stage (1600 11.01.10).
- Evacuation centres have been established at the Caboolture Library and RNA Showgrounds (no pets, enquiries continuing with RSPCA).
- Flooding on Caboolture line – 300 people stranded at Petrie, 600 at Strathpine and 500 at Baldhills.
- Port of Brisbane will be closed at midnight tonight for approximately 24 hrs.
- SES door knocking other residents in isolated areas Woodford and Kilcoy to identify any concerns.
- Arrangements in place to cater for travellers stranded in Woodford, Kilcoy and Moore due to Brisbane Valley Highway closure.

#### **Kilcoy**

- At 1500hrs township of Kilcoy was isolated due to flooding of the D'Aguiar Highway, in which the Kilcoy Creek Bridge sustained surface damage.
- The McAuley Lane Bridge at Sandy Creek has washed away, isolating some 30 people
- An ADF Black Hawke transported urgent medical supplies for Aloaka Lodge aged-care home.

### **3.0 SITREP AUTHORISATION**

Prepared by:	Intelligence Cell	Signed:	Date/ Time: 21:48 11.1.11
Prepared by:	QPS Liaison Officer	Signed:	Date/ Time: 21:49 11.1.11
Approved by:	SDCC Room Manager	Signed:	Date/ Time: 2150 11/1/11

**The Queensland Emergency Management Report (QEMR) update will be issued at 0500 hours, Tuesday 11 January 2011.**

**The next SDCC situation report will be issued at 1700 hours, Monday 10 January 2011.**

- Attachment 1: LDMG and DDMG Activation Status**
- Attachment 2: Declarations/Activations**
- Attachment 3: Transport Conditions**
- Attachment 4: Weather**
- Attachment 5: Agency Deployments**
- Attachment 6: Agency/Stakeholder Reports**
- Attachment 7: 132500 Statistics**



# Attachment 1: LDMG and DDMG Activation Status

ACTIVATION STATUS*	DISASTER MANAGEMENT GROUPS AND CENTRES
Stand up	SDCC
<b>DDMGs</b>	
Stand up	
Brisbane Gladstone Dalby Rockhampton Roma	Warwick Toowoomba Redlands Redcliffe
Lean Forward	Townsville Bundaberg
Alert	Calns Innisfail Mareeba Logan Gold Coast
Stand Down	Charleville
<b>LDMGs</b>	
Stand up	
Brisbane Goondiwindi Redlands Toowoomba Lockyer Valley Fraser Coast North Burnett Barcaldine Banana	Bundaberg Dalby Chinchilla Balonne Miles Rockhampton Maranoa Gympie Warwick
Lean Forward	South Burnett Sunshine Coast Brisbane City Council Gold Coast
Alert	Quillpie Moreton Sunshine Coast Western Downs Logan Scenic Rim
Stand Down	Ipswich Murweh Hinchinbrook Burdekin Charters Towers Townsville

## \*Definitions

Alert – Monitor situation; no action required.

Lean Forward – on stand by; prepared but not activated.

Stand up – activated.

## Attachment 2: Declarations/Activations (as at 1500 10/1/11)

### Disaster Declarations

The Minister for Police, Corrective Services and Emergency Services has approved the following State Level Disaster Declaration:

Disaster District	Date approved	Expiry Date
Brisbane (including Redlands)	11 January 2011	26 January 2011
Bundaberg	11 January 2011	26 January 2011
Dalby	11 January 2011	26 January 2011
Gladstone	11 January 2011	26 January 2011
Gold Coast	11 January 2011	26 January 2011
Gympie	11 January 2011	26 January 2011
Ipswich	11 January 2011	26 January 2011
Logan	11 January 2011	26 January 2011
Maryborough	11 January 2011	26 January 2011
Rockhampton	11 January 2011	26 January 2011
Roma	11 January 2011	26 January 2011
Sunshine Coast	11 January 2011	26 January 2011
Toowoomba	11 January 2011	26 January 2011
Warwick	11 January 2011	26 January 2011
Redcliffe	11 January 2011	26 January 2011

### Natural Disaster Relief and Recovery Arrangements (NDRRA)

The Minister for Police, Corrective Services and Emergency Services has recently approved the activation of the Natural Disaster Relief and Recovery Arrangements (NDRRA). The area defined for receipt of NDRRA relief measures is "*Communities within Queensland affected by heavy rainfall and associated flooding, November – December 2010*"

Commonwealth / State Natural Disaster Relief and Recovery Arrangements (NDRRA) have been activated for the following 50 locations as a result of weather events from November 2010 to January 2011:

LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Balonne Shire Council	✓ activated 10/12/10	✓ activated 16/12/10	✓ activated 16/12/10	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 10/12/10		
Banana Shire Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 21/12/10	✓ activated 21/12/10	✓ activated 01/01/11	✓ activated 01/01/11
Barcaldine Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 01/01/11	✓ activated 01/01/11
Barcoo Shire	✓ activated 06/12/10		✓ activated 06/12/10					



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Council								
Blackall-Tambo Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Brisbane City Council	✓ activated 07/01/11		✓ activated 07/01/11					
Bulloo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Bundaberg Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Burdekin Shire Council	✓ activated 25/12/10							
Burke Shire Council	✓ activated 05/01/11		✓ activated 05/01/11					
Cairns Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Carpentaria Shire Council	✓ activated 04/01/11		✓ activated 04/01/11					
Cassowary Coast Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Central Highlands Regional Council	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10
Charters Towers Regional Council	✓ activated 28/12/10							
Cherbourg Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Cook Shire Council	✓ activated 05/01/11		✓ activated 05/01/11					
Croydon Shire Council			✓ activated 07/01/11					
Fraser Coast Regional Council	✓ activated 06/12/10	✓ activated 10/01/11	✓ activated 05/12/10					
Gladstone	✓ activated 06/12/10		✓ activated	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated		



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Regional Council			06/12/10			30/12/10		
Gold Coast City Council	✓ activated 07/12/10		✓ activated 07/12/10					
Goondiwindi Regional Council	✓ activated 28/12/10	✓ activated 10/01/11	✓ activated 28/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 10/12/10		
Gympie Regional Council	✓ activated 16/01/11		✓ activated 07/01/11					
Hinchinbrook Shire Council	✓ activated 28/12/10		✓ activated 28/12/10					
Ipswich City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Isaac Regional Council	✓ activated 07/12/10		✓ activated 07/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 06/12/10	✓ ** (Part only) activated 05/01/11	✓ ** (Part Only) activated 05/01/11
Lockyer Valley Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Logan City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Longreach Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Mackay Regional Council	✓ activated 07/12/10	✓ activated 28/12/10	✓ activated 07/12/10					
Maranoa Regional Council	✓ activated 10/12/10	✓ activated 02/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 10/12/10		
Moreton Bay Regional Council	✓ activated 21/12/10		✓ activated 21/12/10					
Murweh Shire Council	✓ activated 10/12/10	✓ activated 07/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 10/12/10		
North Burnett Regional Council	✓ activated 21/12/10	✓ activated 28/12/10	✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 10/12/10	✓ activated 06/01/11	✓ activated 03/01/11
Paroo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Quilpie Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Redland City	✓							



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Council	activated 07/01/11							
Rockhampton Regional Council	✓ activated 06/12/10	✓ activated 05/01/11	✓ activated 05/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/01/11	✓ activated 05/01/11
Scenic Rim Regional Council	✓ activated 07/12/10		✓ activated 07/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 01/01/11	✓ activated 03/01/11
Somerset Regional Council	✓ activated 21/12/10		✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
South Burnett Regional Council	✓ activated 24/12/10		✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Southern Downs Regional Council	✓ activated 28/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Sunshine Coast Regional Council	✓ activated 21/12/10		✓ activated 21/12/10					
Tablelands Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Toowoomba Regional Council	✓ activated 30/12/10	✓ activated 09/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/01/11	✓ activated 05/01/11
Torres Shire Council	✓ activated 10/01/11		✓ activated 07/01/11					
Townsville City Council	✓ activated 28/12/10		✓ activated 05/01/11					
Whitsunday Regional Council	✓ activated 10/01/11		✓ activated 09/01/11					
Western Downs Regional Council	✓ activated 24/12/10	✓ activated 28/12/10	✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Woorabinda Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/01/11	✓ activated 05/01/11

### **Attachment 3: Transport Conditions**

#### **Roads currently closed (as at 1700 hrs, 11/01/11):**

The following roads are no-go/danger zones for travellers:

- 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

#### **South East Queensland**

- Following heavy rainfall across the South East Queensland region in the past 24 hours, all motorists are advised not to attempt road travel unless absolutely critical.
- Many roads are impacted across the whole area from the Sunshine Coast through Caboolture, Brisbane Valley and Lockyer Valley, and out to Warwick, Dalby and Toowoomba
- Conditions are changing rapidly, and motorists are advised to postpone or cancel all non-essential travel until the heavy rainfall and flash flooding has eased.

Please note these closures are subject to change on short notice.



## **Attachment 4: Weather (BOM)**

Issued at 4:10 pm EST 11 January 2011

### **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 the rest of Tuesday**

Rain areas and thunderstorms with some heavy falls will continue through the Southeast Coast District and southeastern parts of the Darling Downs and Granite Belt District [refer to Severe Weather Warning]. Patchy rain areas and isolated thunderstorms elsewhere through the Darling Downs and also about the Wide Bay and Burnett District. Rain areas and thunderstorms over the tropics, extending south into the central interior north of Clermont and northwestern Queensland this evening. Scattered showers and isolated thunderstorms elsewhere. Light to moderate NE to NW winds, tending fresh to strong SE to NE 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 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.



## **Attachment 5: Agency Deployments**

### **Queensland Fire and Rescue**

#### **Incident Management Teams (IMT)**

Rockhampton 18 Personnel

26 Personnel

Biloela 1 Personnel  
Toowoomba 2 Personnel  
Roma 3 Personnel  
Dalby 2 Personnel

#### **Air Operations**

Nil

#### **Fire Communications**

Rockhampton 2 Personnel

2 Personnel

#### **Swift Water Team Deployment Locations**

Grantham 4 Personnel  
St George 6 Personnel  
Toowoomba 9 Personnel  
Rockhampton 3 Personnel  
Narangba 2 Personnel  
Ipswich 2 Personnel  
Bulimba 2 Personnel  
Kobble Creek 4 Personnel  
Burpengary 2 Personnel  
Cannon Hill 4 On Standby

42 Personnel

#### **Flexible Habitat**

St George - Flexible Habitat 10 Personnel

10 Personnel (Returning Tonight)

#### **Transport – Special Ops**

Central Region - 2 Personnel

2 Personnel

**Total QFRS Personnel Returned (to date)**

**150 Personnel**

**Current QFRS Personnel Deployed**

**82 Personnel**

**Total QFRS Personnel Deployed (to date)**

**232 Personnel**

### **AIR OPERATIONS**

Air observation flights continue over the Balonne River between Roma and St George.

Biloela- An officer from SE Region deployed as an Air Base Manager (ABM). Air Base Operators (ABO's) being replaced from within region.

Rockhampton- QFRS managing airbase operations. Personnel are from within central region. If the floods continue and the airbase continues to operate passed Thursday 13th January there may be a request for additional staff for rotation.

St George- QFRS managing airbase operations. Personnel currently within region however a request may come through today for 2 Air Base Operators

### **Queensland Police Service**

• Alpha	2
• Barcaldine	1
• Emerald	20
• Gladstone	7
• Jericho	1
• Maura	2
• Rockhampton	96
• Roma	6
• St George	10
• Theodore	12
• Woorabinda	4
• SDCC	9
• Total	170

NB This figure does not include recent deployments to Toowoomba and the Lockyer Valley

### **Department of Communities: (DoC)**

Towns with recovery centres (7)

Bundaberg – PCYC

- Chinchilla – Recovery Coordination and Information Centre
- Emerald – McIndoe Park
- Rockhampton – Showgrounds
- Moura – (from the evacuation centre)
- Theodore – RSL Club
- Ipswich two (2)(temporarily closed due to flooding )
- Lockyer Valley two (2) (planned )

Number of Outreach Teams in each Town

South West Qld

- Dalby – 10
- Miles – 0
- Condamine – 2
- Warwick – 0
- Tara – 0
- Warra – 0
- Lockyer Valley – 0
- Toowoomba – 0
- Chinchilla - 0

Central Qld

- Taroom - 0
- Emerald – 2
- Biloela – 0
- Bundaberg – 4
- North Burnett-3
- Dingo – 0
- Maryborough 4

Number of People Receiving Outreach Services – cumulative

Outreach teams in the South West are unable to conduct outreach visits due to road closures and reoccurrence of flooding.

- 0 visits today
- 427 cumulative visits
- Number of calls to 1800 number (as at 2 pm 10 January 2011) - 339
- Number of calls to 1800 (cumulative – as at 2pm 10 January 2011) 6,305



#### **Emergency Management Queensland (as at 8-1-11)**

- Mt Isa - Nil
- Biloela/Theodore - 2
- Emerald - 6
- Dalby - 2
- Rockhampton - 3
- Bundaberg - 2
- Roma - 3
- St George - 6

#### **QBuild**

- 12 staff deployed from Brisbane (6 electricians, 1 refrigeration mechanic, 4 condition assessors and 1 supervisor) to Capella.
- QBuild Capricornia region - the two QBuild staff located in the Emerald Township and the two QBuild staff located at the Cotton Gin (east side of Nogoa River) have now joined and are presently working to have the QBuild Emerald depot operational.

## **Attachment 6: Agency / Stakeholder Reports**

### **QAS (as at 10.1.11)**

- Gladstone: helicopter operations continue within the area. TMC in place at airport. A teleconference will be held at 1830hrs today with Q Health to discuss ongoing operation of the TMC.
- Theodore; QAS operations established at the local RSL hall. QAS facility currently unservicable.
- St George; QAS continues to provide a TMC support health services. Flood level peaked below forecast. Limited access via road. ADF helicopter deployed at Roma able to assist with medical cases. QAS Fight paramedic also stationed at St George.
- Condamine; 2 officers in place while recovery efforts underway. 4WD capability.
- Maryborough; Localised flooding of Bruce Highway. QAS moved to south-east side of river; Granville. Peak level in Maryborough is expected to be approx 8.4 metres.
- Gympie; Peak in Gympie is projected at between 16 and 17 metres which will result in inundation of some lower areas of the township. North Coast Region are currently preparing a service delivery strategy for Gympie in expectation of the projected water levels.
- Diranbandi; 2 officers in place while recovery efforts underway. 4WD capability

### **Red Cross**

- Red Cross Emergency Services has implemented an Incident Management Team to respond to the current flooding event. Requests from relevant LDMGs to DDCs are in place.
- Evacuation Centres are being managed in Moura (for evacuated Theodore residents), Emerald, Dalby (including for Condamine residents), St George and Rockhampton.
- Recovery is being carried out in Chinchilla, Moura, Theodore, Chinchilla, Bundaberg, Rockhampton and Emerald, assisting with an Information Centre in Dalby and St George, and Outreach in Bundaberg, Chinchilla, Dalby, Condamine, Rockhampton and Emerald.

### **Department of Communities (Doc)**

Nil information at time of Sitrep

### **Ergon**

- **Dalby** - around 480 customers are off supply.
- **Toowoomba** - around 100 premises are off supply (commercial and residential) as ground level assets have been underwater.
- **Maryborough** - 25 customers off supply due to inundation or as a safety precaution (2 residential and 23 commercial)
- **St George** - 23 customers remain off supply. Retirement village has been restored to supply
- **Warwick** - around 100 off supply
- **Oakey** - 200 off supply
- **Chinchilla** - 96 off supply
- **Sth Burnett** - around 3000

### **Queensland Health:**

#### **Toowoomba**

- Facility and services intact
- 9 confirmed DOA presented to Toowoomba Hospital
- Morgue has total 30 spaces: availability at 18 spaces (at 10:15am today 11.01.2011)
- Boiled Water Alert issued as a precaution, water testing currently being undertaken.

- Social work and pastoral care services are being provided to victims and family members of DOA victims.
- Pharmacy services restricted and being resolved.

#### **Ipswich**

- Facility and services intact
- Elective surgery cancelled
- Crisis Intervention Services established and operating

#### **Lockyer Valley**

- In partnership with Department of Communities, Queensland Health is providing 3 members to 8 human social services team.

#### **Dalby**

- Facility and services intact
- Monitoring need for evacuation of 80 aged patients in a private Karingal Nursing Home.
- Request for helicopter evacuation of 2 renal patients today is being processed by QCC.

#### **Stanthorpe**

- Facility and services intact
- Sewage Treatment Plant is not operational. Raw effluent it is being discharge to the stream (Council has approval from DERM). Water Treatment is fine.

#### **Killarney**

- Facility and services intact
- Boiled Water Alert issued

#### **Gatton**

- Facility and services intact
- Request for helicopter retrieval of 4 patients being coordinated today from hospital and 2 renal patients from isolated homes being processed by QCC.
- Additional support being deployed as needed.

#### **Esk**

- Facility and services intact
- Pharmacy supplies being flown in.
- Helicopter retrieval of 2 being processed by QCC

#### **Nanango**

- Facility and services intact
- There is only 2 days of treated water left for Murgon and Wondai, as there is no electricity at the water treatment plant.



#### **Murgon**

- Facility and services intact
- Only 2 days of potable water remaining as no electricity at Water Treatment plant

#### **Condamine**

- Facility and services intact
- Township is being evacuated to Miles or Qld Gas Company today (11.01.2011)

#### **Gympie**

- Facility and services intact.
- Alternative helipad established.
- No CT monitoring available, may impact on retrieval and evacuations.
- Monitoring need for potential evacuation of the aged residents from a private aged care facility (Bluecare Nursing Home – Grevillea Gardens) due to power outage.
- 4 of 6 community pharmacies are operational with extended hours possible if required. Medication delivery is being arranged areas on the south side of town.

#### **Maryborough**

- Facility and services intact.
- The clinic established at Granville remains open.
- Six renal dialysis patients were air lifted by helicopter to Hervey Bay yesterday (10.01.2011).

#### **Bundaberg**

- Facility and services intact.
- Senior Medical Entomologist is being deployed with two Environmental Health Officers assist Bundaberg Council in the management of vector control issues.

#### **Theodore**

- Facility and services intact.
- The medical centre has opened in the hospital. The full facility is to reopen once reliable water supply is restored to town, anticipated for Thursday (13.01.2011). Subject to this being achieved the hospital anticipates that it will have full operational status to receive inpatients on Monday (19.01.2011).
- Boiled Water Alert has been issued
- A Recovery Plan is being implemented. Mental health support is currently being sourced from Biloela. A mental health support team are on stand-by for deployment from Brisbane pending further advice as to level of need following the assessment.
- The Central Queensland Rural Division of General Practice has offered counselling and support resources. Health District executive is working with the division to determine what can be secured for an overall whole-of-community recovery response.

#### **Kilcoy**

- Facility and services intact.
- The local pharmacy isolated. QH is monitoring the impact.

#### **Caboolture**

- Facility and services intact
- Elective surgery cancelled
- Hospital isolated
- Arrangements are being made for support from private hospitals.

#### **Wondai**

- Only two days of drinking water remaining as no electricity at water treatment plant.

#### **Warra**

- Boiled Water Alert issued due to damaged pump feeding water treatment plant.



### **Mundubbera**

- Boiled Water Alert issued as a precaution on behalf of the NBRC as their water treatment plant may be compromised and there is water discolouration in their reticulated water supply. This situation is being monitored and assessed daily.

### **Bluff**

- Public health is monitoring water situation. A damaged substructural water main trunk has been identified between Blackwater and Bluff. Bluff has approximately three days supply

### **Woorabinda**

- Facility and services intact
- Public health is monitoring water situation. The water pipeline from the Dawson River at Baralaba failed and is unable to supply raw water. To supplement the bore water supply, creek water is being carted from Mimosa Creek to the WTP.

### **Gayndah**

- Boiled Water Alert issued as a precaution on behalf of the NBRC as their water treatment plant may be compromised and there is water discolouration in their reticulated water supply. This situation is being monitored and assessed daily.

### **Rockhampton**

- Facility and services intact
- DERM have issued an Environment Directive to pump and then discharge pump station water down stream. No environmental harm expected or risks to public health

### **Retrieval Services**

- In response to the increased aero-medical request activity additional medical and nursing staff has been deployed to this service.

### **State-wide Issues**

- The State Health Emergency Coordination Centre (SHECC) and the Human Social Emergency Operations Centre will be relocated to the Princess Alexandra Hospital campus as from tomorrow (12.01.2011)
- The distribution of vaccine (childhood and influenza vaccines) to general practitioners is being disrupted across the state due to the road closures. The Queensland Health Immunisation Program is reviewing the demand and is establishing an agreed protocol for resupply where stocks have a risk of running out, for consideration by the Chief Health Officer.
- A State Public Health Coordination Centre is being established. Contact details pending.

### **DEEDI**

- Nil update at time of SitRep

### **Department of Public Works**

- Nil update at time of SitRep

### **Insurance Council**

A brief update on the insurance response to the Queensland flooding disaster, following on from our 31 December update.

An insurance taskforce is continuing to operate, comprising 25 companies who offer products in the impacted regions. Through the ICA the insurance industry is participating in the government recovery committee structure established by the Premier.



Insurance assessors are active in the areas where access can be gained to flood impacted properties. Additional assessing resources have been bought in from interstate to meet demand.

A return of flood peaks and subsequent road closures is preventing immediate assessment of some properties and may continue to do so for some time to come.  
Predications for flooding in the greater Brisbane region are being monitored closely by insurers.

Insurers have claims call centres operating for extended hours. Like other business in SE Queensland, some insurance companies with major business operations in the region have been impacted by flooding themselves and as a consequence short lodgment delays are possible for some companies. Contingency plans have been activated by these companies.

Claims volumes being received are still low, however as flood waters recede in some areas it is expected that policyholders will be in a position to return home and submit claims.

An updated assessment of the insured cost of the event will be issued on Friday morning (14 January). Available information on the number of insured unliveable properties, damaged vehicles and impacted businesses will be made available as the information becomes available.

The insurance hotline is continuing to operate for consumers who have lost insurance papers or have general inquiries, this hotline is available 24hrs on **1300 728 228**.

General advice being given to policyholders remains as follows:

Follow the advice of emergency services regarding existing flood alerts and warnings. Flood victims are encouraged, when it is safe to do so, to contact their insurer to lodge a claim or to determine their eligibility to make a claim under the policy they have purchased. Flood insurance is available in QLD from some insurance companies. Not all insurance policies will cover policyholders for all types of flood. Policy holders should contact their insurer for clarification.

Policyholders making a claim can assist the process by developing an inventory of lost and damaged items, as well as photographing the damage sustained and keeping samples or records of any materials that have had to be removed from the property for health reasons as part of the clean up.

Do not authorise repair work before consulting your insurance company if making a claim.

Beware of unlicensed contractors, always check the credentials of any tradespeople undertaking work on your behalf, through [www.bsa.qld.gov.au](http://www.bsa.qld.gov.au)



**Attachment 7: 132 500 (Tasks) Statistics (period 16:00 09.01.11 to 16:00 10.01.11)**

Region	Calls Answered
Far Northern Region	43
Northern Region	282
Central Region	1552
North Coast Region	1392
Brisbane Region	7835
South East Region	2052
South West Region	1392
Unknown origin	1707
TOTAL	14915

\* Outstanding tasks have been recorded in RFA Online but are yet to be allocated or completed

## Karen Cowell

**From:** Steven Dunn [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Wednesday, 12 January 2011 5:12 AM  
**To:** ccc[REDACTED] Aaron Minos; Adam Shortman; Alistair Dawson; Andrew Fraser; Andrew Somerville; bette kill; bob.reilly[REDACTED]; Brett Harrison; Pointing Brettm; Bruce Grady; Chris Broomfield; CIS Health; Colonel Luke Foster; corinne.mulholland[REDACTED]; Craig Mills; David Smith; DCS Media; Debbie Best; Desley Boyle; DisasterManagement[REDACTED] Edmund Burke; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Preedy; Flood Recovery Taskforce; Gavin Trembath; Gerard Rabelink; Addie Zannes; Florence Fang; Francesca 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[REDACTED] John Ryan; 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; Matt Lipsett; Max Smith publicworks; Meg Frisby; Melissa Patch; Michael Hahn (ADF); Michael.Kinnane; Minister's Office; Natalie MACDONALD publicworks; NSW SEOC; oesc.notifications[REDACTED] Owen Sadler (ADF); owen.paulson[REDACTED] Owen Paulson; Patrick Byrne; Paul Lucas; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrener; Peter Willett (AG); peter.artemieff[REDACTED]; QFRS Special Ops; QPS Media; Rai Whitten; hahn.richardj[REDACTED] Robbie Medlin; Robert Bundy; Rodney Walz; Roger Lye; SA SES; Samual Mitchell; Sarah Abbott; SDCC Kedron; SDCCINT; SDCCOPS; SES Deployments; SES Vic DO; Shane Chelepy; Shane Wood; SHECC; shecc[REDACTED] socc; [REDACTED] Susan Grantham; Tim Wiebusch Vic SES; Tracey Rees; Trevor VanDam; Warren Bridson; B Hanbidge; Brett pointing; Pointing Brettm; codd.brianj[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] 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.noelj [REDACTED]  
DDC.Warwick [REDACTED] DDC.Brisbane [REDACTED]  
DDC.Mount Isa [REDACTED] henderson.andrewc [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 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.richardj [REDACTED] Scott Chandler; SDCC Kedron; Shane Chelepy; Tim Mulherin; Trevor VanDam; Warren Bridson; Zachary Skyring; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Wayne Coutts; Wayne Preedy; Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED] David Eastman (DIP); DERM Generic email; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; jackie.mooney [REDACTED]  
Jeff.Shelberg [REDACTED] John Cawcutt (jcaawcutt [REDACTED]  
john.rossiter [REDACTED] Justin Fitzgerald;  
ksullivan [REDACTED] michael.boyle [REDACTED] Michael Dart ; Michael Dickinson; Michael Pecic; Michael.Shapland [REDACTED]  
Neville.MOO [REDACTED] noel.gillard [REDACTED]  
norm.archer [REDACTED] Patrick Byrne; patrick.i.quirk [REDACTED]  
Paul.Adcock [REDACTED] Peta Robertson; peter.allen [REDACTED] Peter Chapman ; Peter Dunn; phil.carney [REDACTED]  
Phil.Nickerson [REDACTED] russellhoward [REDACTED]  
sbartlett [REDACTED] State DC Group; trevor.dann [REDACTED] Trevor Leverington ; Warren Bridson; Aaron Groves; Anila.R.Fredericks [REDACTED]

**To:** Bernard.Trembath; [redacted] Bill Date; Conrad Adams; Daniel Altoft; Daniel Young; David Boulton; David Eastman; David.Hermann; [redacted] J.Davidson; [redacted] john.g.wright; [redacted] john.rossiter; [redacted] Iratz; [redacted] Michael Dart; Mike franks; Paul Dimech; hahn.richard; [redacted] Robert Schwartz; Scott Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (Queensland Police); Pointing Brett; Bruce Grady; Colonel Luke Foster; David Stewart (DTMR); Deb Watkins SDMG QPS ; Gerard Bradley; Graeme Newton (DIP); greg\_hallam; [redacted] Ian.fletcher; [redacted] Jeannette Young (Queensland Heath); Jim McGowan; John Bradley (DERM); Julie Grantham (DET); Ken Smith; Linda Apelt (DG Communities); Mal Grierson; 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**

### **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'ly 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. Cowering 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>

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)

**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; Beerburrum 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**

### **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'ly 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. Cowering 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 are 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 in 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>

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Wednesday, 12 January 2011 6:05 AM  
**To:** 'pt.lucas'; 'nicole.scurrah'  
**Subject:** Fw: Dam release update  
**Attachments:** Technical Situation Report W47.docx

Some good news, the release rates have been reduced. The dams are at incredibly high levels.

---

**From:** Dan Spiller <[REDACTED]>  
**To:** [stephen.robertson](#); [REDACTED]; Ken Smith; Bradley John  
[REDACTED]; [lance.mccallum](#); [REDACTED]  
[Tim.Watts](#); [REDACTED]; [Geoff.Stead](#); [REDACTED]  
[REDACTED]; [Lauren.Sims](#); [REDACTED]  
'Martin.PeterJ'; [REDACTED]; Dunn.KerryG; [REDACTED]  
[REDACTED]; Best Debbie; [REDACTED]  
**Cc:** Barry Dennien; [REDACTED]; Peter Borrows <[REDACTED]>; Rob Drury  
[REDACTED]; SEQWGM Media; [REDACTED]; SEQWGM Emergency  
[REDACTED]; [Madgwick.DarrenT](#); [REDACTED]  
[REDACTED]; [damien.brown](#); [REDACTED]  
Reilly Bob; [REDACTED]  
**Sent:** Wed Jan 12 05:36:59 2011  
**Subject:** Dam release update

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



Please consider the environment before printing this email. It takes 10 litres of water to make one sheet of A4 paper.

**Disclaimer**

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network.

If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited. 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.

---

This email, together with any attachments, is intended for the named recipient(s) only; and may contain privileged and confidential information. You understand that any privilege or confidentiality attached to this message is not waived, lost or destroyed because you have received this message in error. If received in error, you are asked to inform the sender as quickly as possible and delete this email and any copies of this from your computer system network. If not an intended recipient of this email, you must not copy, distribute or take any action(s) that relies on it; any form of disclosure, modification, distribution and/or publication of this email is also prohibited.

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.

## TECHNICAL SITUATION REPORT

TSR Number	W47	Date of TSR release	12.1.2011	Time of TSR release	5am
------------	-----	---------------------	-----------	---------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

Current objectives	<ul style="list-style-type: none"> <li>Gradual reduction of releases.</li> </ul>										
Strategy	<ul style="list-style-type: none"> <li>Peak inflows into Wivenhoe were in excess of 12000 cumecs.</li> <li>Maintain controlled releases.</li> <li>Keep sluices closed at Somerset Dam to store more water however will affect upstream areas.</li> </ul>										
Key considerations	<table> <tr> <td>Storage levels:</td><td>Above FSL</td></tr> <tr> <td>Inflows:</td><td>Inflows expected well over 1,500,000ML.</td></tr> <tr> <td>Rainfall:</td><td>Continuing</td></tr> <tr> <td>Lockyer/Bremer:</td><td>Monitoring their inflows</td></tr> <tr> <td>Brisbane River:</td><td>Impact as below.</td></tr> </table>	Storage levels:	Above FSL	Inflows:	Inflows expected well over 1,500,000ML.	Rainfall:	Continuing	Lockyer/Bremer:	Monitoring their inflows	Brisbane River:	Impact as below.
Storage levels:	Above FSL										
Inflows:	Inflows expected well over 1,500,000ML.										
Rainfall:	Continuing										
Lockyer/Bremer:	Monitoring their inflows										
Brisbane River:	Impact as below.										

### Somerset/Wivenhoe

Our strategy revolved ensuring dam security and was around trying to prevent initiation of the first fuse plug at EL 75.6m. If this happens we will get a rapid increase of about 2,000m<sup>3</sup>/s in outflow from the dam in addition to the gate release which could be as high as 10,000m<sup>3</sup>/s at the time.

Only minimal falls occurred overnight in the order of mm.

Sluices have been closed at Somerset and this will result in high upstream water levels affecting Kilcoy. Somerset is at 105.1m holding 719730ML and 189.5%. Some flows are going over the Somerset spillway.

Somerset should peak at around 105.2m (1974 peak level was 106.5m).

At 0500 Wivenhoe Dam was 74.77m AHD holding 2,195,287ML and 188%.

The FOC has begun an appropriate closure sequence to reduce releases.

Current release rate is 4,300cumecs.  
Further reductions will occur throughout the week..

Assuming no further rain, the dam peaked around 74.97m AHD which was around 600mm below the first fuse plug initiation level.

The Flood Operations Centre is continuing to monitor rainfalls and water levels through the Brisbane and Pine catchments and reviewing operating strategy every 30 minutes. The FOC is also maintaining close contact with warning agencies and local councils.

It should be noted that the flow in the lower Brisbane R in 1974 was about 9,500m<sup>3</sup>/s

**North Pine Dam:**

Five gates are open and continuing to drop. Releases may still continue until Wednesday 12 January. The event magnitude is estimated to be a 1:10,000 year exceedance probability.

The local Council is being kept informed regarding Youngs Crossing.

**Leslie Harrison Dam:**

Gate releases are underway due to rainfall and inflows.

**Hinze Dam:**

A release of around 8,000 megalitres a day is being made through the emergency gates. There is no public access to the spillway.

Seqwater Technical Officer name	Robert Drury
Seqwater Technical Officer position title	Dam Operations Manager

**BoM assessment**

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

**Brisbane City Council (BCC) assessment**

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	



### Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

### Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current strategy.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator
SRC Technical Officer contact details	

### Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	12.1.2011	Time	PM	or Event	
--------------	------	-----------	------	----	----------	--

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Wednesday, 12 January 2011 9:34 AM  
**To:** 'nicole.scurrat' [REDACTED]  
**Subject:** Fw: Maintaining Service Continuity  
**Attachments:** Key contacts for planning.pdf

---

**From:** Ken Smith  
**To:** 'alex.beavers' [REDACTED] 'ian.fletcher' [REDACTED]  
[REDACTED] 'graeme.newton' [REDACTED] 'Jack Noye'  
( [REDACTED] 'terry.wall' [REDACTED]  
[REDACTED] 'KILL Bette' < [REDACTED] 'philip.reed' [REDACTED]  
[REDACTED] Mick Reid [REDACTED] 'julie.grantham' [REDACTED]  
[REDACTED] Bob Atkinson (Queensland Police); 'Jim McGowan'  
< [REDACTED] 'natalie.macdonald' [REDACTED]  
[REDACTED]  
**Cc:** Margaret Allison; Gerard Bradley; 'David.M.Stewart' [REDACTED]  
'john.bradley' [REDACTED] Linda Apelt (DG Communities); Mal Grierson;  
Lynn Pramberg; Mandy Bird; 'Diane.Fahey' [REDACTED]  
'paula.conaty' [REDACTED] 'tracy.schneider' [REDACTED]  
[REDACTED] 'Donna.m.crawley' [REDACTED]  
'Williams Lynette' [REDACTED] 'Jessica Redman'  
[REDACTED] 'Helen Batchelor' [REDACTED]  
'kylie.robins' [REDACTED] 'Jasmine Love'  
[REDACTED] 'Trish Nielsen' < [REDACTED]  
'jamie.smith' [REDACTED] 'Lennon.fionac' [REDACTED]  
[REDACTED] 'Doris.galea' [REDACTED]  
'Cathy.cross' [REDACTED] Sharon Bailey; Patrick Vidgen; Wally  
Kearnan  
**Sent:** Wed Jan 12 08:51:28 2011  
**Subject:** Maintaining Service Continuity

Dear Colleagues,

I refer to the email from myself and Margaret Allison yesterday.

Since that time there has been further advice in relation to power outages and non essential travel to the CBD. I am also aware that there has been some confusion with officers in terms of whether they are required at work or not.

At this stage, power outages will be selective and staged in consultation with the government. In the event that the continued provision of your essential services is effected by either inundation or power outages, DPW will assist in providing an alternative base for operations.

Attached is a key contact list for DPWs office accommodation area. DPC will maintain contact with DPW in this regard.

Additionally, could you also forward to Pat Vidgen ([patrick.vidgen@\[REDACTED\]](mailto:patrick.vidgen@[REDACTED])) a list of key contacts for essential services in your agency.

Kind regards

**Ken Smith**  
Director-General  
Department of the Premier and Cabinet

Phone: [REDACTED]  
Mobile: [REDACTED]

Email: [REDACTED]

Tomorrow's Queensland: strong, green, smart, healthy and fair - [www.towardQ2.qld.gov.au](http://www.towardQ2.qld.gov.au)

Please consider the environment before printing this email



Dept of Communities - Central Office	2,244	160	Greta Dux
Anti-Discrimination Commission Queensland	954	68	Charlie McQuillan
Commonwealth Ombudsman	223	16	Charlie McQuillan
Public Service Commission	1,426	102	Charlie McQuillan
Health Quality and Complaints Commission	1,475	105	Charlie McQuillan
Queensland Water Commission	1,942	139	Charlie McQuillan
Dept of Natural Resources & Water	2,832	202	Antonia Doyle
Queensland Audit Office	2,623	187	Charlie McQuillan
PSMP - Public Sector Management Program	45	3	Charlie McQuillan
Queensland Ombudsman's Office	1,166	83	Charlie McQuillan
SEQ Water Grid Manager	568	41	Charlie McQuillan
Comm for Children & Young People & Child Guardian	5,008	358	Charlie McQuillan
CorpTech	3,089	221	Antonia Doyle
Dept of Communities - Central Office	4,905	350	Greta Dux
Dept of Education and Training	121	9	Greta Dux
Queensland Water Infrastructure Pty Ltd	832	59	Greta Dux
Dept of Education and Training	833	60	Greta Dux
Dept of Education and Training	1,216	87	Greta Dux
Treasury	1,420	101	Sally Dettrick
Dept of Communities	732	52	Greta Dux
DEEDI	711	50	Antonia Doyle
Dept of Public Works	1,767	126	Antonia Doyle
Justice - Office of Fair and Safe Work Qld	1,381	99	Greta Dux
Dept Public Works - SSA	5,416.00	387	Antonia Doyle
Dept Public Works - QGCPO	225	17	Antonia Doyle
Dept Public Works - Corptech	774	55	Antonia Doyle
Qld Electoral Commission	1,500	107	Charlie McQuillan
Dept of Justice - OIC	774	55	Antonia Doyle
Queensland Health	4,370	312	Greta Dux
Dept Education and Training	1,610	115	Greta Dux
Dept of Communities	8,413	600	Greta Dux
Dept of Economic Development and Innovation	4,772	341	Antonia Doyle
Queensland Treasury Corporation	3,089	221	Sally Dettrick
Ergon Energy	5,518	394	Sally Dettrick
Dept Public Works- Corptech	3,622	259	Antonia Doyle
Dept of Community Safety	1,123	80	Antonia Doyle
Minister for NR,MNE and Parl Sec	501	36	Charlie McQuillan
Dept of Communities - Disability Services	7,816	558	Greta Dux
Dept of Communities - Communities	2,984	213	Greta Dux
Dept of Communities - Information Services	5,253	375	Greta Dux
Minister for DSQ and Parl Sec	506	36	Charlie McQuillan

## Karen Cowell

---

**From:** Ken Smith  
**Sent:** Wednesday, 12 January 2011 9:47 PM  
**To:** Wally Kearnan; 'John.bradley'  
**Subject:** Fw: various from BCC meeting

Wally

Can you follow up insurance issue and provide ICA contact to Council.

John Bradley...could you talk to me tomorrow about Urban Utilities issue. Will also discuss Jude Munro issues.

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

**From:** Paul Lucas  
**To:** Ken Smith  
**Cc:** Sarah Abbott; Nicole Scurrah  
; Joshua O'Keefe  
**Sent:** Wed Jan 12 16:46:04 2011  
**Subject:** various from BCC meeting

Ken, various from BCC meeting this morning:

1. Discussion re mattress numbers in evacuation centres at contingency of 10,000 to 16,000 pax in attendance. Can sources including interstate be investigated
2. Potential use of schools as evac centres. I said State very keen to assist. Graham Atkins from EQ to talk to Kent Stroud from BCC
3. Advice re BT significantly reducing services post 1pm today and sweepers till 6pm. View held by Mayor and myself that something needs to be in place for people who must get in and out of city for essential services. This is also the case for tomorrow. Please ensure a senior translink person is present at the meeting tomorrow. It was understood that safety and staffing abilities must come first but subject to that there is a need to provide continuity of service
4. Issue raised by Qld Urban utilities re chemicals supply for water treatment plants. Can this be checked with QWC to confirm that adequate in number. Also, consideration should be given to what water policies that we have in place for clean up use of water if still water treatment capacity limitations. Possible controls in non-flood areas and suspension of variable tariff in flooded areas?
5. Discussion re post flood recovery and that the very large number of clean-up volunteers are likely to exceed capacity to go through local or state government channels. Mayor suggested at the time community service announcements suggesting to people to do the old fashioned thing and turn up and help people in these affected areas. I would endorse this view though we will need to consider ppe if people want it.
6. Question re how the Insurers will respond here as it was felt they didn't behave well in The Gap storms. I said I will get Ken Smith to organise to brief their suggested person re ICA matters. BCC contact Ian Maynard COO Corporate Services
7. Dialysis for home dialysis people who might have supply issues. Passed on to Mick Reid who says they are putting in place "buddy dialysis" and other contingencies

Paul

**Karen Cowell**

---

**From:** Ken Smith  
**Sent:** Thursday, 13 January 2011 4:28 PM  
**To:** Warren Brisdon; Bruce Grady  
**Subject:** Fwd: Urgent electrical checks and recovery works using ClimateSmart electricians

Offer

Regards,  
Ken

Director-General  
Department of the Premier and Cabinet

Phone [REDACTED]  
Mobile [REDACTED]  
Email: [REDACTED]

Begin forwarded message:

**From:** Bradley John [REDACTED]  
**Date:** 13 January 2011 2:23:21 PM GMT+10:00  
**To:** "jim.mcgowan" [REDACTED] Bruce Grady  
[REDACTED]  
**Cc:** Ken Smith [REDACTED] "graeme.newton" [REDACTED]  
<graeme.newton@[REDACTED]>, Alistair Dawson  
[REDACTED], Withers Greg [REDACTED],  
[REDACTED] <ian.fletcher@[REDACTED]>  
**Subject:** FW: Urgent electrical checks and recovery works using ClimateSmart electricians

Jim, Bruce

Pls note offer of assistance from Climate Smart Home Service electricians.

Your officers can contact Anthony Coates at LGIS on number below if this is of interest (but let me know if you need any direct assistance from DERM).

Thanks  
John B

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

**From:** [REDACTED]  
**Sent:** Thursday, 13 January 2011 2:12 PM  
**To:** Bradley John; Withers Greg  
**Cc:** Mark Girard  
**Subject:** Urgent electrical checks and recovery works using ClimateSmart electricians



Greg / John

I just wanted to identify the opportunity to use ClimateSmart electricians to complete electrical checks and perform other recovery works for residences and businesses. We are still around 90 per cent operational with 110 electricians still working. We could have this workforce mobilised to complete safety checks within 48 hours along with an associated call centre with 13 number.

We could also supplement this with other works expertise (eg, plumbers, structural engineers) if needed.

We have confirmed with Service Stream they are able to perform this work and can complete at cost plus 10 per cent for works to expedite engagement.

Mark has also flagged the opportunity with Graeme Newton.

Please call if this is of interest - [REDACTED]

Anthony

+-----+

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

+-----+

\*\*\*\*\*

Local Government Infrastructure Services Pty Ltd (LGIS)  
Level 14, 61 Mary Street, Brisbane, Queensland 4000  
(PO Box 1163, Brisbane Qld 4001)

[REDACTED]  
[www.lgis.com.au](http://www.lgis.com.au)

This email and any attachments (collectively, 'this message') is intended only for the addressee and may be confidential and privileged. None of its contents may be disclosed to, or relied upon by, any other party without LGIS's written consent. If you are not the addressee, you must not copy or use this message for any purpose, nor disclose its contents to anyone. Please delete it and notify LGIS immediately by telephoning +61 7 3842 4700 or emailing the sender.

Any opinion or advice provided in this message is subject to any assumptions noted within it and the assumption that the current economic, political and/or commercial environment does not materially alter. LGIS does not warrant or guarantee any outcome or forecast in this message. Any opinion or advice in this message is provided by LGIS in good faith on the basis of information supplied to LGIS, which may not have been independently verified by LGIS. Accordingly, LGIS does not represent that the opinion or advice is accurate or complete and it should not be relied upon as such. Unless stated otherwise, the views expressed in this message are those of the individual sender, not those of LGIS.

To the extent permitted by law, neither LGIS nor any of its employees, contractors, servants or agents accept any responsibility and liability whatsoever for any expense, damage, claim, cause of action, loss or costs, incurred by any person in connection with that person or any other person placing any reliance on, or acting or refraining to act on the basis of, the contents of this message.

QTC does not warrant that any attachments to this email are free from viruses or other corruption, and recommends that you scan them for viruses before opening. QTC accepts no liability for any loss caused if this message contains a virus or is otherwise corrupted.

LGIS respects your privacy, and our privacy plan is available on our website.

## Karen Cowell

**From:** Steven Dunn [REDACTED] on behalf of SDCC [REDACTED]  
**Sent:** Wednesday, 12 January 2011 11:24 PM  
**To:** Aaron Minos; Adam Shortman; Andrew Fraser; bette kill; bob.reilly [REDACTED]  
Brett Harrison; Bruce Grady; Chris Broomfield; CIS Health; Craig Mills; David Smith; DCS Media; Debbie Best; Desley Boyle; Edmund Burke; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Warren Bridson; Wayne Coutts; Wayne Preedy; Flood Recovery Taskforce; Gavin Trembath; Gerard Rabelink; Addie Zannes; Florence Fang; Francesca Adrienne; John Arrowsmith; Mark Wallace; Peter Timmers; QFRS GIS Unit; Richard Webb; Glenn Walker; Harry.VENMANS [REDACTED] Iain Macculloch (EMQ Kedron); Iain MacKenzie; Ian Mitchell; Ian Wilson; Ian Jennings; Jade.Thompson; James Douglas; Janet Born; Jayne Barnes (QAS); Jeff Cheadle; Jim McGowan; John Ryan; John Gardiner; Joshua O'Keefe; Kathy Brown; kimberley gardiner; Kirsten Roos; Lance McCallum; Lee Johnson; Leo McNamara; Liam Ferney; Mark Dole; Mark Roche (QFRS); Mark Symons; Matt Lipsett; media [REDACTED] Meg Frisby; Melissa Patch; Michael.Kinnane; NSW SEOC; oskar.bronwicki [REDACTED] owen.paulson [REDACTED] Owen Paulson; owen.wareham [REDACTED] Patrick Byrne; Paul Hobbs; Paul Lucas; Pauline Evans; Peta Robertson; Peter Cahill; Peter Twomey; Peter Warrener; peter.artemieff [REDACTED] QFRS Special Ops; QPS Media; Rai Whitten; Robbie Medlin; Robert Bundy; Rodney Walz; Samuel Mitchell; Sarah Abbott; SDCC Kedron; SDCCINT; SDCCOPS; SES Deployments; SES Vic DO; Shane Wood; SHECC; socc; stephen.beckett [REDACTED] Tim Wiebusch Vic SES; Tracey Rees; Warren Bridson; B Hanbridge; Brett pointing; Pointing Brettm; codd.brianj [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] 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] DDC.Warwick [REDACTED] DDC.Brisbane [REDACTED] DDC.Mountisa [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 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.richardj [REDACTED] Scott Chandler; SDCC Kedron; Shane Chelepy; Tim Mulherin; Trevor VanDam; Warren Bridson; Zachary Skyring; Eddie Bennet; Peter Twomey; Robbie Medlin; Robert Bundy; Shane Wood; Wayne Coutts; Wayne Preedy; Alistair Dawson; Brad Smith; Bruce Gunn; Carolyn Parsons; Craig.Bartlett [REDACTED] David Eastman (DIP); DERM Generic email; Don Bletchly; Fiona Ferrier; graham.atkins [REDACTED] Greg Eustace Health; Ian Dunn (ADF JOSS); Irina Stankovska; jackie.mooney [REDACTED] Jeff.Shelberg [REDACTED] John Cawcutt (jcaawcutt [REDACTED] john.rossiter [REDACTED] Justin Fitzgerald [REDACTED] ksullivan [REDACTED] michael.boyle [REDACTED] Michael Dart ; Michael Dickinson; Michael Pecic; Michael.Shapland [REDACTED] Neville.MOC [REDACTED] noel.gillard [REDACTED] norm.archer [REDACTED] Patrick Byrne; patrick.j.quirk@msq.qld.gov.au; Paul.Adcock [REDACTED] Peta Robertson; peter.allen [REDACTED] Peter Chapman ; Peter Dunn; phil.carney [REDACTED] Phil.Nickerson [REDACTED] russellhoward [REDACTED] sbartlett [REDACTED]; State DC Group; trevor.dann [REDACTED] Trevor Leverington ; Warren Bridson; Aaron Groves; Anila.R.Fredericks [REDACTED] Bernard.Trembath [REDACTED] Bill Date; Conrad Adams; Daniel Alftot; Daniel Young; David Boulton; David Eastman; David.Hermann [REDACTED] J.Davidson [REDACTED] john.g.wright [REDACTED] john.rossiter [REDACTED] Iratz [REDACTED] Michael Dart; Mike franks; Paul Dimech; hahn.richardj [REDACTED] Robert Schwartz; Scott Leonard; Sean Kenny; Steve Waddell; bette kill acting DG till 24 Jan 11; Bob Atkinson (Queensland Police); Pointing Brettm; Bruce Grady; Colonel Luke Foster; David Stewart



**To:** (DTMR); Deb Watkins SDMG QPS ; Gerard Bradley; Graeme Newton (DIP); greg\_hallam [REDACTED] an.fletcher [REDACTED] Jeannette Young (Queensland Heath); Jim McGowan; John Bradley (DERM); Julie Grantham (DET); Ken Smith; Linda Apelt (DG Communities); Mal Grierson; Mick Reid [REDACTED] Natalie.MacDonald acting DG DPW till 18 Jan 11; Philip Reed  
**Subject:** SDCC SitRep No 20 as at 20:00 hours 12 January 2011  
**Attachments:** DOC120111-010.pdf  
**Categories:** Red Category

Good Evening,



Please find attached SDCC Sitrep No 20 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  
[REDACTED]

This correspondence is for the named persons only. It may contain confidential or privileged information or both. No confidentiality or privilege is waived or lost by any mis transmission. If you receive this correspondence in error please delete it from your system immediately and notify the sender. You must not disclose, copy or relay on any part of this correspondence, if you are not the intended recipient. Any opinions expressed in this message are those of the individual sender except where the sender expressly, and with the authority, states them to be the opinions of the Department of Community Safety, Queensland.

All reasonable precautions will be taken to respect the privacy of individuals in accordance with the Information Privacy Act 2009 (Qld). Details on how personal information may be used or disclosed by the Department of Community Safety, Queensland are available from [www.communitysafety.qld.gov.au/info/privacy.htm](http://www.communitysafety.qld.gov.au/info/privacy.htm)

 <b>Emergency Management EMQ Queensland</b>	<b>Situation Report</b> State Disaster Coordination Centre	 <b>Queensland Government</b>
<b>Event:</b> Central Coast Flooding December 2010		
<b>Daily SitRep No:</b> 020	<b>Time:</b> 20:00hrs	<b>Date:</b> 12/01/11
<b>Distribution:</b> Minister, Director-General, Executive Director		
<b>From:</b> State Disaster Coordination Centre – Kedron		
Phone: [REDACTED]		
Facsim: [REDACTED]		
Email: [REDACTED]		

## 1. Statewide Summary

- Brisbane and Ipswich are experiencing major flooding.
- The Brisbane River will peak at the Brisbane City Gauge at about 5.2 metres (major) with the high tide at 4am Thursday 13.01.11 Thursday and fall below major flood level during Friday.
- A State-level Disaster Declaration has now been declared (details below)
- As of 2200 hours there have been 12 confirmed deaths in South East Queensland and 70 persons have been reported missing, with grave concerns held for 11 persons.
- There will be limited public transport services across Brisbane, no Citycats and Ferrys and no bus services in the western and south western suburbs on Wednesday.
- There are 7,216 registered evacuees (total number of persons registered with Red Cross) as of 2200hours.
- Across the state, there are 2,509 houses inundated with water over floorboards, 5,602 with water in yards; 9,575 people currently evacuated. There are approximately 5,087 businesses affected.
- There are 48 evacuation centres operating across the state.
- An Emergency Alert voice and SMS message to conserve water was sent out to residents of the Somerset Regional Council area at 2030
- To date there have been 6,860 calls to the Recovery Hotline.

## 2. Regional Reports

### 2.1 Brisbane Region

- At 8pm Wednesday, the Brisbane City gauge (lower end of Edward Street and at Thornton Street) was 4.2 metres.
- A flood peak of approx 13m (major flooding) will occur at Jindalee at midnight
- At the Brisbane City gauge, river rises will continue this evening with a peak of about 5.2 metres expected with the high tide at 4am 13.01.11. Levels will remain high throughout Thursday.
- This is below the 1974 flood peak of 5.45 metres as releases at Wivenhoe Dam were reduced quickly during Tuesday night.
- At this stage, 23,300 properties have been effected including 18,776 residential properties
- There are three official evacuation centres operating with the following evacuees as at 2000:



- RNA Showgrounds – with 350 persons
- QEII centre – 105 persons
- Yeronga State School – 25 families
- It is anticipated that 300m of floating walkway along the Brisbane River will detach and become mobile. Across the river from the walkway is a marina with vessels moored that is also at significant risk of coming adrift, a request has been forwarded to the SDMC for assistance.
- Attempts being made to secure the Moggill Ferry have been delayed due to weather issues and not likely to commence until daylight but Master of the vessel is on board and confident control can be maintained.
- 29 premises in Brisbane CBD have had power disconnected, a further four are expected to be disconnected later tonight/tomorrow.
- Brisbane City buses ceased running at 1300
- QRail services ceased at 1700
- The Goodwill Bridge has been closed due to debris
- The Victoria Bridge and William Jolly Bridge are closed to all vehicle and pedestrian traffic
- Debris has been removed from the BP pipeline at Whyte Island with no damage reported
- Self evacuations have continued in Norman Park, West End and Sinnamon Park
- Peak events predicted 1400hrs Wednesday 12 January 2011.
- Wivenhoe Dam is at 74.31m – releases have not been increased at this stage (1600 11.01.10).
- Flooding on Caboolture line – 300 people stranded at Petrie, 600 at Strathpine and 500 at Baldhills.
- Port of Brisbane will be closed at midnight tonight for approximately 24 hrs.
- Four water pump stations are without power (Pullenvale, Seventeen Mile Rocks, Archerfield and Bellbowrie) leaving 1,830 customers without water.
- 56 sewer pump stations are without power
- Three major wastewater treatment plants are flooded (Kararna Downs, Oxley and Fairfield) with no residential impacts.
- It is expected that 91 sewer pump stations and four major wastewater plants will be flooded with minimal residential impacts.

#### **Kilcoy**

- An ADF Black Hawk transported urgent medical supplies for Aloaka Lodge aged-care home.

#### **2.2 South West Region (QPS Southern Region)**

- In excess of 80 articulated vehicles are parked up at Miles & Roma is filling up also with vehicles waiting for access to east bound roads.
- The Acting Roma Mayor today stated that the Council were opening up Bassett Park Show grounds for truck parking to relieve congestion around the town. This arrangement will be in place until the roads open and the need for truck parking is no longer required. This has been broadcast on Channel 40. There are toilets and shower blocks that have been opened for the use of the truck drivers at this site.

#### **Chinchilla**

- 'Charley's Creek' is believed to have peaked at 7.45 metres at 1000hrs 12/01/11 (2.25 metres over Warrego Highway bridge) and is currently 7.23m and falling (as at 1830 hours).
- There are currently 35 inundated homes with 22 registered evacuees registered at Chinchilla.
- 213 premises without power.



- Serious concerns held for the re-supply of food and fuel with the cutting of the highway between Chinchilla and Toowoomba and the highway cut between Toowoomba and Brisbane. There is a possibility westbound trucks may be escorted through PM 13/01/2011. Current assessments for re-supply to be conducted for the next 48 hrs and for 48hrs and beyond.
- Council officers are currently door knocking to determine what food may available if case worsens.
- Due to concerns over dwindling fuel supplies, fuel has been restricted to Emergency Services. Media advised and EMERGENCY ALERT sent advising of fuel situation.
- Complaints received re UIL boats in floodwaters and kids without life jackets. ERGON also concerned for safety of non-essential boats in flood water and requested their removal. Police to liaise with SES to direct boats off water and to breath-test operators.
- 10 persons evacuated from the township of Warra to Chinchilla out of concerns of rising flood water. At this time there are no inundations at Warra.
- E.coli detected in water supplies on 12/01/2011 which is currently being treated. EMERGENCY ALERT sent alerting all residences to boil water prior to drinking.

#### **Condamine**

- Condamine River at Condamine is currently rising at a fast rate and as at 2000hrs 12/01/11 is 12.58 metres (2.48 metres over bridge). The previous peak was approx 15.25 metres and this flood is expected to exceed this level.
- Six houses have been evacuated and no persons in the evacuation centre.

#### **Dalby**

- Myall Creek at Dalby appears to have peaked at 3.49 metres at 0600hrs 12/01/11 and as at 2100hrs 12/01/2011 is falling at 2.29 metres which is 0.42 metres above Patrick Street Bridge. The town is still currently split in two.
- There are three evacuation centres open, housing 210 people.
- 200 houses have been inundated above habitable floor levels
- Major inundation to approximately 100 houses and 1750 residential yards currently occurring. Approximately 30 businesses are currently affected by rising waters this includes the underground carpark of 'Dalby Shopping World' has been affected along with the Dalby Caravan Park which is located on the banks of the Myall Creek.
- Approximately 537 premises are without power
- A Dalby Town water bore has also lost power and that has reduced production. Production is supplemented from river pump and other bores. Town water storage is at full capacity with an expected 6 days of supply available. The water treatment plant will be inundated at 11.0 metres at which time it will stop water production and the town will only rely on water storage. Situation is being closely monitored.
- Information received that there are sufficient supplies of AVGAS for aircraft at Dalby and Chinchilla.
- Due to concerns over dwindling fuel supplies, fuel has been restricted to Emergency Services. Media advised and EMERGENCY ALERT sent advising of fuel situation
- Centrelink are currently operating with half staff and are assisting community and liaising with evacuation centres. Considering closing centrelink to normal business and only dealing with flood assistance.
- Dept of communities are going set up a 'one stop' shop and are canvassing for a location.
- Serious concerns held for the re-supply of food and fuel with the cutting of the highway between Dalby and Toowoomba and the highway cut between Toowoomba and Brisbane. There is a possibility westbound trucks may be escorted through PM 13/01/2011.



#### **Dirranbandi**

- Completely isolated by road; flow on effect of flooding expected to see the township isolated for a number of weeks
- Preparations for mosquito fogging spraying in place
- Levee bank is closed and continually inspected & closely monitored no problems identified at this stage
- Isolated community re-supply being coordinated by EMQ & DDMG

#### **Flinton**

- Due to Isolation serious concerns held for the re-supply of food and fuel to Flinton now isolated for 6 weeks. Flinton residence now requesting urgent assistance from SES for food and medication. LDCC addressing situation

#### **Hebel**

- Township will be monitored until main body of water arrives; no inundations expected
- No evacuations or rescues
- Nil issues with re-supply at this stage but may become a concern if access is cut due to road closures
- Ergon advised that a power pole was washed away; a staff member & a generator are being transported to Hebel to rectify the situation

#### **Mungindi**

- Patients of Mungindi Hospital have commenced evacuation to Moree, NSW
- Concerns regarding significant flooding has been addressed and rainfall & river levels are being monitored through liaison with BoM
- Levee banks are at 8.5m, being monitored

#### **Tara**

- Due to Isolation serious concerns held for the re-supply of food and fuel with the cutting of the highway between Dalby and Toowoomba and the highway cut between Toowoomba and Brisbane. There has been panic buying in Tara with supplies almost gone. There is a possibility westbound trucks may be escorted through PM 13/01/2011. Current assessments conducted for the next 48 hrs and for 48hrs and beyond.

#### **St George**

- Ergon assessing the number of houses without power
- Mechanical failure of the large SES boat has seen it replaced with 2 x smaller flood boats
- Flexible habitat is stored in St George; arrangements are being made to have this & associated resources redirected as required
- The Emergency Evacuation Centre has been closed, those who were staying/registered have been redirect to the Grape Exchange
- Information has been communicated to the community in relation to Centrelink

#### **Surat**

- Water levels & public safety being monitored
- Limited recovery phase expected
- Business will return as normal once water subsides and road networks reopen
- 2 x Dept of Communities staff providing assistance

#### **Toowoomba & Lockyer Valley**

- QPS and Emergency Services continued to search for unaccounted people and continue recovery operations as weather permitted.



- 12 fatalities have been confirmed with 70 people still listed as missing, with grave concerns held for 11 people.
- Extensive damage has occurred to buildings, roads and infrastructure in all areas of the Lockyer Valley Toowoomba CBD and assessments are ongoing.
- Search and recovery efforts have commenced within the areas of Grantham and Murphy's Creek
- Road access to many areas is now possible, floodwaters in creek systems have decreased but are still flowing making efforts to locate any deceased difficult.
- Searches of badly damaged residences have commenced with assistance of earthmoving equipment.
- Recovery and repatriation efforts have commenced within LDMG areas of Toowoomba and Lockyer Valley
- Road closures in Toowoomba CBD remain in some areas due to damage to buildings and infrastructure
- The rail lines are closed
- Roads remain closed at the Warrego Highway, Toowoomba Range – but is open to emergency services
- A QPS Forward Command Post has been established at Murphy's Creek State School to cover matters at Murphy's Creek and Withcott.
- Toowoomba Airport is open as is the Oakey Army Aviation Base
- Withcott Water Treatment Plant is out of action. Bottled water is being provided to residents

#### **Warwick**

- 30 homes have been inundated above habitable floor levels, with 60 persons evacuated, 50 of those are in the evacuation centre.
- 10 businesses have been affected.

### **2.3 North Coast Region**

- A freight train is en route to Gympie, Maryborough and Bundaberg townships with 100 pallets of non-perishable goods for resupply of IGA stores.

#### **Bundaberg**

- Flooding is expected to peak at 5.5m Thursday night/Friday morning
- A local caravan park, approximately 20 homes and numerous businesses will be affected should the river level reach 5.2m
- Major retailers will be resupplied 13.01.11

#### **Caboolture**

- 10 houses have been inundated above habitable floor levels and 200 have water in their yards.
- Evacuations are in progress this afternoon, with 30 persons evacuated.
- RSL Club Caboolture has opened its doors to take evacuees but number of people there unknown.

#### **Redcliffe Disaster District**

- Woodford, Kilcoy and Moore are isolated.
- 30 homes in Elimbah are isolated.
- Mudslide in Dayboro.
- 6 Houses evacuated at Dayboro, Strathpine Private Hospital
- Evacuations in progress Narangba, Strathpine (600) and Burpengary as well as 300 people from Bald Hills and 500 at Petrie Railway station (looking for where these people will go while QR work out a transportation strategy).
- Evacuation centres at the Dayboro Community Centre, Woodford Community Centre, and the Strathpine Community Centre.



### **Gympie**

- Currently risk at Gympie is high with Mary River currently at 18.8 meters and falling slowly. The Bruce Hwy is completely closed to the south of Gympie and a diversion route is in place to the north. Kidd Bridge and Normanby Bridge remain closed
- Gympie CBD has stopped operating until the flood waters recede below 14M
- The Imbil Bridge (Yabba Creek) and Vic Olsen Bridge (Tuckekoi) have experienced significant structural damage
- 78 residences in the region have been affected. 68 business affected by total inundation.
- Major retailers in Gympie will be resupplied 13.01.11
- Mobile phone services are intermittent

### **Maryborough**

- At 1400 hours the Mary River was at 7.70 metres and rising and is expected to peak around 8m PM 1210111
- It is expected that the same three businesses will be inundated in Ferry St and one houses will be impacted above floor levels
- Major retailers will be resupplied 13.01.11
- 4 residences and 23 commercial premises are without power
- Woolworths is without mains power and being supplied by generator
- Mary River Marina remains inundated
- The Granville Bridge remains closed to vehicles pending inspection by Main Roads
- Welfare centres continue to operate Granville and Maryborough

### **Sunshine Coast**

- There are several landslips across the district.
- The Bruce Highway is cut in three places north of Pomona

## **2.4 South East Region**

### **Ipswich DDC Area (Southern Region QPS)**

- Flood levels peaked at 19.4m during Wednesday and are now beginning to fall.
- Significant rain has fallen in the catchment (excess of 150mm)
- Evacuation centres established at Ipswich, Toogoolawah RSL and show grounds, Lowood School Hall, Esk Hall, Mt Tarampa (private residence), Kilcoy Community Centre, Coominya Community Hall and Prenzlau Rural Fire due to road closures and evacuations. 360 people are staying at the above centres and include residents and travellers
- Ipswich Council has estimated 2,500 houses affected by flood waters with an anticipated 6,000 persons displaced through the flood waters. This is to be assessed when the flood waters recede.
- Significant release of water continues from Wivenhoe Dam causing closures on all major roads including Brisbane Valley Highway at Fernvale, Warrego Highway and Cunningham Highway. The road over Mt Crosby Weir and Colleges Crossing are also cut.

### **Somerset Regional Council**

- Power is currently out in Fernvale, Kilcoy (areas north), Lowood, small communities and rural properties east of the Wivenhoe dam and Brisbane River. Sections of Esk that were previously inundated.
- Extensive damage to number of domestic properties from Minden to Lowood, Patrick Estate, Coominya, Esk, Toogoolawah, Wivenhoe Pocket and Kilcoy. Also damage to house rural properties. Full extent will not be known until water levels subside



## 2.5 Central Region

### Rockhampton

- At 1800 the Fitzroy River was 8.80m and holding steady.
- Barge operations from Gladstone to Rockhampton are continuing.
- Panic buying has created resupply issues for local stores and the LDMG are working with EMQ to resolve.
- Council will provide clean up kits (200 for flood affected dwellings and 2000 for those with flood water in homes).
- Four QFRS rapid response teams are expected to arrive 15.01.11 with another four on Saturday 16.01.11.
- Ergon has commenced preparatory work with main infrastructure to allow the reconnection of power to assessed properties.

### Woorabinda

- 10-14 days food supplies available.
- Communication issues at the Post Office have been resolved by Telstra.

## 3.0 SITREP AUTHORISATION

Prepared by:	Intelligence Cell	S [REDACTED]	Date/ Time: 2300 12.01.11
Prepared by:	QPS Liaison Officer	S [REDACTED]	Date/ Time: 23:03 12.01.11
Approved by:	SDCC Room Manager	S [REDACTED]	Date/ Time: 2300 12/1/11

The Queensland Emergency Management Report (QEMR) update will be issued at 0500 hours, Wednesday 13 January 2011.

The next SDCC situation report will be issued at 1700 hours, Wednesday 13 January 2011.

- Attachment 1: LDMG and DDMG Activation Status
- Attachment 2: Declarations/Activations
- Attachment 3: Transport Conditions
- Attachment 4: Weather
- Attachment 5: Agency Deployments
- Attachment 6: Agency/Stakeholder Reports
- Attachment 7: 132500 Statistics

# Attachment 1: LDMG and DDMG Activation Status

ACTIVATION STATUS*	DISASTER MANAGEMENT GROUPS AND CENTRES
Stand up	SDCC
<b>DDMGs</b>	
Stand up	
Brisbane Gladstone Dalby Rockhampton Roma	Warwick Toowoomba Redlands Redcliffe
Lean Forward	Townsville Bundaberg
Alert	Cairns Innisfail Mareeba Logan Gold Coast
Stand Down	Charleville
<b>LDMGs</b>	
Stand up	
Brisbane Goondiwindi Redlands Toowoomba Lockyer Valley Fraser Coast North Burnett Barcaldine Banana	Bundaberg Dalby Chinchilla Balonne Miles Rockhampton Maranoa Gympie Warwick
Lean Forward	South Burnett Sunshine Coast Brisbane City Council Gold Coast
Alert	Quilpie Moreton Sunshine Coast Western Downs Logan Scenic Rim
Stand Down	Ipswich Murweh Hinchinbrook Burdekin Charters Towers Townsville

## \*Definitions

Alert – Monitor situation; no action required.

Lean Forward – on stand by; prepared but not activated.

Stand up – activated.



## Attachment 2: Declarations/Activations (as at 1500 10/1/11)

### Disaster Declarations

The Minister for Police, Corrective Services and Emergency Services has approved the following State Level Disaster Declaration:

Disaster District	Date approved	Expiry Date
Brisbane (including Redlands)	11 January 2011	26 January 2011
Bundaberg	11 January 2011	26 January 2011
Dalby	11 January 2011	26 January 2011
Gladstone	11 January 2011	26 January 2011
Gold Coast	11 January 2011	26 January 2011
Gympie	11 January 2011	26 January 2011
Ipswich	11 January 2011	26 January 2011
Logan	11 January 2011	26 January 2011
Maryborough	11 January 2011	26 January 2011
Rockhampton	11 January 2011	26 January 2011
Roma	11 January 2011	26 January 2011
Sunshine Coast	11 January 2011	26 January 2011
Toowoomba	11 January 2011	26 January 2011
Warwick	11 January 2011	26 January 2011
Redcliffe	11 January 2011	26 January 2011

### Natural Disaster Relief and Recovery Arrangements (NDRRA)

The Minister for Police, Corrective Services and Emergency Services has recently approved the activation of the Natural Disaster Relief and Recovery Arrangements (NDRRA). The area defined for receipt of NDRRA relief measures is "Communities within Queensland affected by heavy rainfall and associated flooding, November – December 2010".

Commonwealth / State Natural Disaster Relief and Recovery Arrangements (NDRRA) have been activated for the following 50 locations as a result of weather events from November 2010 to January 2011:

LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Balonne Shire Council	✓ activated 10/12/10	✓ activated 10/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Banana Shire Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 29/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Barcaldine Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Barcoo Shire	✓ activated 30/12/10		✓ activated 06/12/10					



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Council								
Blackall-Tambo Regional Council	✓ activated 05/12/10		✓ activated 05/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/12/10		
Brisbane City Council	✓ activated 07/01/11		✓ activated 07/01/11					
Bulloo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Bundaberg Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/12/10	✓ activated 01/01/11	✓ activated 03/02/11
Burdekin Shire Council	✓ activated 28/12/10							
Burke Shire Council	✓ activated 05/01/11		✓ activated 05/01/11					
Cairns Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Carpentaria Shire Council	✓ activated 04/01/11		✓ activated 01/01/11					
Cassowary Coast Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Central Highlands Regional Council	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10	✓ activated 06/12/10
Charters Towers Regional Council	✓ activated 28/12/10							
Cherbourg Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 10/12/10	✓ activated 01/01/11	✓ activated 03/01/11
Cook Shire Council	✓ activated 05/01/11		✓ activated 05/01/11					
Croydon Shire Council			✓ activated 07/01/11					
Fraser Coast Regional Council	✓ activated 06/12/10	✓ activated 10/01/11	✓ activated 06/12/10					
Gladstone	✓ activated 06/12/10		✓ activated	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated		



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Regional Council			Dec 12/10			Dec 12/10		
Gold Coast City Council	✓ activated 07/12/10		✓ activated 07/12/10					
Goondiwindi Regional Council	✓ activated 24/12/10	✓ activated 10/01/11	✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Gympie Regional Council	✓ activated 10/01/11		✓ activated 07/01/11					
Hinchinbrook Shire Council	✓ activated 28/12/10		✓ activated 29/12/10					
Ipswich City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Isaac Regional Council	✓ activated 07/12/10		✓ activated 07/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ ** (Part only) activated 05/01/11	✓ ** (Part Only) activated 05/01/11
Lockyer Valley Regional Council	✓ activated 06/12/10	✓ activated 28/12/10	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 04/01/11
Logan City Council	✓ activated 28/12/10		✓ activated 07/01/11					
Longreach Regional Council	✓ activated 06/12/10		✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Mackay Regional Council	✓ activated 07/12/10	✓ activated 28/12/10	✓ activated 07/12/10					
Maranoa Regional Council	✓ activated 10/12/10	✓ activated 07/01/11	✓ activated 10/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10		
Moreton Bay Regional Council	✓ activated 21/12/10		✓ activated 21/12/10					
Murweh Shire Council	✓ activated 10/12/10	✓ activated 07/01/11	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 06/12/10		
North Burnett Regional Council	✓ activated 21/12/10	✓ activated 28/12/10	✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Paroo Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Quilpie Shire Council	✓ activated 10/12/10		✓ activated 10/12/10					
Redland City	✓							



LGA	Counter Disaster Operations	Personal Hardship Assistance Scheme	Restoration of Essential Public Assets	Concessional Loans for Small Business	Concessional Loans for Primary Producers	Freight Subsidies for Primary Producers	Grants for Primary Producers	Grants for Small Business
Council	activated 07/01/11							
Rockhampton Regional Council	✓ activated 06/12/10	✓ activated 04/01/11	✓ activated 06/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/01/11	✓ activated 05/01/11
Scenic Rim Regional Council	✓ activated 07/12/10		✓ activated 07/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Somerset Regional Council	✓ activated 21/12/10		✓ activated 21/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
South Burnett Regional Council	✓ activated 24/12/10		✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Southern Downs Regional Council	✓ activated 28/12/10	✓ activated 28/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Sunshine Coast Regional Council	✓ activated 31/12/10		✓ activated 21/12/10					
Tablelands Regional Council	✓ activated 27/12/10		✓ activated 28/12/10					
Toowoomba Regional Council	✓ activated 30/12/10	✓ activated 05/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 05/01/11	✓ activated 05/01/11
Torres Shire Council	✓ activated 10/01/11		✓ activated 07/01/11					
Townsville City Council	✓ activated 28/12/10		✓ activated 05/01/11					
Whitsunday Regional Council	✓ activated 10/01/11		✓ activated 06/01/11					
Western Downs Regional Council	✓ activated 24/12/10	✓ activated 28/12/10	✓ activated 24/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11
Woorabinda Aboriginal Shire Council	✓ activated 30/12/10			✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 30/12/10	✓ activated 03/01/11	✓ activated 03/01/11

### **Attachment 3: Transport Conditions**

#### **Roads currently closed (as at 2000 hrs, 12.01.11)**

The following roads are no-go/danger zones for travellers:

- 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 - closed Federal
- Canarvon Highway - north of Injune
- Cunningham Highway - between Warwick and Inglewood
- D'Aguilar Highway - closed at 4 points from Kilcoy Creek
- Dawson Highway - Calliope to Springsure
- Fitzroy Development Rd - north of Taroom
- Gore Highway - Pampas and Brookstead
- Ipswich Motorway - closed at Goodna and Redbank
- Leichardt Highway - north of Wandoan
- Moonee Highway - west of Moonee
- Mount Lindesay Highway is closed at Jimboomba
- New England Highway - between Toowoomba and Warwick
- 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

#### **South East Queensland**

Following heavy rainfall across the South East Queensland region in the past 24 hours, all motorists are advised not to attempt road travel unless absolutely critical.

Many roads are impacted across the whole area from the Sunshine Coast through Caboolture, Brisbane Valley and Lockyer Valley, and out to Warwick, Dalby and Toowoomba. Over the Bruce Highway and Gateway Motorway take extra precautions as there may be wild animal hazards.

Conditions are changing rapidly, and motorists are advised to postpone or cancel all non-essential travel until the heavy rainfall and flash flooding has eased.

## **Attachment 4: Weather (BOM)**

Issued at 4:10 pm EST 12 January 2011

### **Weather Situation**

The monsoon trough extends over the northern tropics and is moving gradually south. A ridge of high pressure will build along the east Queensland coast.

### **Forecast for Thursday**

The monsoon trough will 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'ly winds ahead of the trough will continue to produce rain areas, showers and thunderstorms over western districts as well as the tropics with moderate to heavy falls. Showers generally over the SE region.

### **Forecast for Friday**

A new surface trough will enter the SW of the state. The monsoonal trough becomes more active over the northern Coral Sea with increased rainfall over the southern tropics inland from Cairns and extending across to Georgetown. Showers and thunderstorms generally over the tropics and extending south through western districts near the trough. Isolated showers about eastern districts and through the central interior. Becoming fine over the southern interior.

### **Forecast for Saturday**

Much the same pattern for Saturday, the western trough will stall but continue to generate showers and thunderstorms. Isolated showers about eastern districts and fine over the central and southern interior. The monsoonal trough seems to weaken over the northern Coral sea.

### **Forecast for Sunday**

The western trough now moves across southern QLD reaching the Darling Downs and the central interior. Showers and thunderstorms over the tropics and the NW of the state. Some rain areas may develop south of the trough over the southern districts. Generally fine over the eastern interior and the SE.

### **Outlook for Monday, Tuesday and Wednesday**

By Monday the southern trough will move through the SE district with a band of showers and thunderstorms, becoming fine across southern QLD and the SW. Showers and thunderstorms remaining over the NW and the tropics. By Tuesday the trough has cleared the SE coast with isolated showers remaining. Showers and thunderstorms across the tropics and extending SE into the Capricorn and the Wide Bay coast. By Wednesday rain areas and thunderstorms across the tropics, showers about the east coast, fine over the interior.



## **Attachment 5: Agency Deployments**

### **Emergency Management Queensland**

- Biloela/Theodore - 3
- Emerald - 1
- Dalby - 3
- Rockhampton - 1
- Bundaberg - 2
- Roma - 2
- St George - 3

### **Queensland Police Service**

- Toowoomba 154
- Ipswich 28 (15 more on 13.1.11)
- Central Region 110
- 50 NSW officers to arrive on 18.1.11

### **Queensland Fire and Rescue**

#### **Incident Management Teams (IMT)**

**26 Personnel**

Rockhampton	18 Personnel
Biloela	1 Personnel
Toowoomba	2 Personnel
Roma	3 Personnel
Dalby	2 Personnel
Air Operations	Nil

#### **Fire Communications**

**2 Personnel**

Rockhampton	2 Personnel
-------------	-------------

#### **Swift Water Team Deployment Locations**

**36 Personnel**

Grantham	4 Personnel
St George	Nil
Toowoomba	9 Personnel
Rockhampton	3 Personnel
Narangba	2 Personnel
Ipswich	2 Personnel
Bulimba	2 Personnel
Cobble Creek	4 Personnel
Burpengary	2 Personnel
Cannon Hill	8 Personnel on Standby (4 resting – night shift)

#### **Flexible Habitat**

Transport – Special Ops	2 Personnel
Central Region	2 Personnel

Total QFRS Personnel Returned (to date)	150 Personnel
Current QFRS Personnel Deployed	66 Personnel

Total QFRS Personnel Deployed (to date)	216 Personnel
---	---------------

### **Department of Communities: (DoC)**

#### **STAFFING STATE WIDE**

Departmental Deployed Staff	108
Lifeline and Red Cross Staff	59
<b>Total</b>	<b>275</b>

*\*Please note figures have been under-reported due to current activity in relation to recovery service delivery*

## **Attachment 6: Agency / Stakeholder Reports**

### **QAS (as at 10.1.11)**

#### **Brisbane**

- Assistance with nursing home evacuations.
- Canossa Jindalee watching brief
- Sinnamon Park Tricare 89 patients watching Brief
- Tri Care Jindalee 32 patients evacuated. Transported to Tri Care Pimpama.
- Pine Lodge Rocklea evacuated 51 patients 33 high depended to QE2 hospital 18 walking patients to QE2 stadium..

#### **Ipswich**

- Tactical Medical Centre (TMC) being deployed to QAS Ipswich
- Coordinating patient care supplies Karalee.

#### **Toowoomba**

- Deployment of Operational Supervisor to Toowoomba from South East Region.

#### **St George**

- Watching brief only.

#### **Condamine**

- QAS resources pulled out due to new flood peak. Officer rotated back to Brisbane.

#### **Maryborough/Gympie**

- Flooding local operations only. Granville south east river Maryborough will be accessible later today

#### **Gladstone**

- TMC awaiting redeployment to Brisbane once road access available

#### **Goondiwindi**

- TMC awaiting redeployment to Brisbane once road access available. One officer on scene

### **Department of Communities (Doc)**

#### **Community Impact**

Human/Social –

**Disaster Recovery Hotline – 1800 173 349**

Sat 08/01	Sun 09/01	Mon 10/01	Tues 11/01	Wed 12/01	Thur 13/01	Fri 14/01	Total Week Ending 14 Jan '11	Total to date
199	141	339	555					6,860

#### **Department of Communities Community Recovery Internet Site**

Sat 08/01	Sun 09/01	Mon 10/01	Tues 11/01	Wed 12/01	Thur 13/01	Fri 14/01	Total Week Ending 14 Jan '11	Total to date
276	374	N/A	2006					5,977



## **General**

- Lifeline reports that Vicarious Trauma: The combination of the media's coverage of the tragic events in Toowoomba & the Lockyer Valley, and the extensive media coverage of the unfolding situation in Brisbane and SE Qld, appear to be weighing heavily on many communities with emotional fatigue manifesting more regularly. Lifeline are responding to emotional needs of the communities. If the needs are identified as ongoing or requiring extensive counselling these are referred to Queensland Health.

## **South West Queensland Region:**

- Staff need to remain in the communities of Chinchilla, Dalby, Miles and Toowoomba due to road closures. EAS is on site today in Toowoomba and counselling has been offered to staff.
- Business Continuity Plans for SWQ region are being implemented with non-critical operations in relation to Disability Services, Sport and Recreation, Housing, Community Capacity and Service Quality, Office of Regional Executive Director, Outlook Services and Aboriginal and Torres Strait Islander Services being suspended. Areas will operate with skeleton staffing at this time.
- Housing Services in Toowoomba is open for community recovery housing issues.
- The South West region has been contacting all our Foster Carers and high risk clients checking that they are okay.
- Roads in region very badly affected – caution needed and advised to staff. Region-wide major road closures due to weather and flooding conditions
- Several Department of Communities offices in Ipswich are inundated. The Coordination Centre is now located at George Thorn centre but with limited resources and no power.

## **North Coast Region**

- Road closures and flooding continue to hamper service delivery and impact assessment in some areas.
- Some issues were created by QRail disembarking customers at Strathpine and Burpengary on Tuesday 11 January with a large number stranded. These people have now continued on to destinations

## **Central Queensland Region:**

- Some Gracemere residents are enquiring as to eligibility as at this time they may not be eligible for emergent payment.
- The Emerald Community Recovery Centre is aware of the need for Red Cross to reprioritise staff to respond to the Lockyer area needs. The Emerald Community Recovery Centre is working closely with Red Cross to maximise the available resource in the community. Red Cross have confirmed 4 staff will continue to be able to support the recovery efforts in Emerald for the next week.
- Red Cross advised of a reprioritisation of their staff from Bundaberg to support the Lockyer disaster and impending Brisbane River flooding.
- Due to an expected third peak in the river the Recovery Centre in Bundaberg will continue operating in case further inundation occurs.

## **South East Region:**

- Coordination Centre being established from 8am tomorrow (13 Jan) at Level 1/6 Ewing Road Woodridge
- Recovery Centre to be open Friday 14 January at Yeronga. We are waiting for the location to be confirmed however planning for logistics, staffing and establishment of this centre is currently occurring.
- SE Region will be overseeing community recovery services in Scenic Rim and are currently liaising with Scenic Rim Council. Advice from the council to date indicates that there is not too much damage to properties despite major flooding in some areas. The region will utilise an outreach response to respond to any queries requests for assistance in this area.

## **Ergon (no update 12.1.11)**

- **Dalby** - around 480 customers are off supply.
- **Toowoomba** - around 100 premises are off supply (commercial and residential) as ground level assets have been underwater.
- **Maryborough** - 25 customers off supply due to inundation or as a safety precaution (2 residential and 23 commercial)
- **St George** - 23 customers remain off supply. Retirement village has been restored to supply.
- **Warwick** - around 100 off supply
- **Oakey** - 200 off supply
- **Chinchilla** - 96 off supply
- **Sth Burnett** - around 3000



## **Queensland Health:**

### **State-wide Issues**

- The State Health Emergency Coordination Centre (SHECC) and the Human Social Emergency Operations Centre relocated to the Princess Alexandra Hospital campus from today 12.01.2011
- Public Health Emergency Operations Centre has relocated to the Brisbane North Public Health Centre at Windsor.
- The distribution of vaccine (childhood and influenza vaccines) to general practitioners is being disrupted across the state due to the road closures. The Queensland Health Immunisation Program is reviewing the demand and is establishing an agreed protocol for resupply where stocks have a risk of running out, for consideration by the Chief Health Officer.
- Interpreter services remain operational, with phone lines services diverted to their Melbourne centre as needed to ensure service continuation

### **Brisbane area**

- Facility and services are currently intact
- Elective Surgery and OPD at the following hospitals has been cancelled except for urgent Cat 1 and other urgent areas such as fracture clinic etc. Patients are being advised. Emergency services maintained
- Royal Brisbane and Women's Hospital
- Princess Alexandra Hospital
- Redcliffe Hospital
- The Prince Charles Hospital
- Royal Children's Hospital (awaiting confirmation)
- QEII Hospital
- Mater Hospital
- Redland Hospital has no reduction in services
- Wesley Hospital is currently isolated by floodwaters, with 297 patients and 160 staff remaining overnight.
- Redcliffe aged care facilities have 6 beds remaining

### **Toowoomba**

- Facility and services intact
- Elective Surgery and OPD has been cancelled except for urgent Cat 1 and other urgent areas
- Morgue availability at 20 spaces plus a refrigerated unit. Local morticians are being contacted to confirm space availability
- Some continuing resupply issues
- Boiled Water Alert issued as a precaution, water testing currently being undertaken
- Social work and pastoral care services are being provided to victims and family members of DOA victims.
- Pharmacy services restricted and being resolved.
- 

### **Ipswich**

- Facility and services intact
- Elective surgery and outpatient cancelled
- Emergency Department operating
- Staffing at reduced capacity
- Crisis Intervention Services established and operating
- Frail elderly people who have been evacuated are being housed at the Ipswich hospital

### **Warwick**

- Facility and services intact
- No community mental health workers today (12.01.11)

### **Laidley**

- 300 people have been evacuated to local High School
- Staffing on rotation
- Food and other supplies being monitored

#### Lockyer Valley

- In partnership with Department of Communities, Queensland Health is providing additional support to the social services team.

#### Cherbourg

- Facility and services intact, but ongoing power and resupply issues

#### Jandowae

- Facility and services intact
- Monitoring need for potential evacuation of Jandowae Hospital. Inundation potential expected to be low.
- Maternity patient transported to Dalby last night (11.01.11)

#### Dalby

- Facility and services intact
- Elective surgery has been cancelled as of today
- Monitoring need for evacuation of 80 aged patients in a private Karingal Nursing Home.
- 

#### Oakey

- Some inundation of grounds but facility and services intact
- Ambulance Services relocated to hospital.

#### Stanthorpe

- Facility and services intact
- Sewage Treatment Plant concerns. Water Treatment is fine.

#### Killarney

- Facility and services intact
- Boiled Water Alert issued

#### Goondiwindi

- Facility and services intact
- Elective surgery has been cancelled as of tomorrow (13.01.11)
- No emerging health issues

#### Gatton

- Facility and services intact
- Request for helicopter retrieval of 4 patients being coordinated today from hospital and 2 renal patients from isolated homes being processed by QCC
- Additional support being deployed as needed

#### Esk

- Facility and services intact
- Pharmacy supplies being flown in
- Helicopter retrieval of 2 being processed by QCC

#### Kingaroy

- Facility and services intact
- 1 flood related admission as at 1400hrs

#### Nanango

- Facility and services intact
- Two days of treated water available for Murgon and Wondai.

#### Condamine

- Facility and services currently intact
- Township has been evacuated to Miles
- Water levels rising. Peak expected at 10-15m

#### Gympie

- Facility and services intact.
- Alternative helipad established.



- No CT monitoring available, may impact on retrieval and evacuations.
- Generators have been provided to private aged care facility (Bluecare Nursing Home – Grevillea Gardens) due to power outage.
- 4 of 6 community pharmacies are operational with extended hours possible if required. Medication delivery is being arranged areas on the south side of town.

#### **Nambour**

- Facility and services largely intact.
- Minor damage to ED with four negative pressure rooms currently offline.

#### **Maryborough**

- Facility and services intact.
- The clinic established at Granville remains open.
- Six renal dialysis patients were air lifted by helicopter to Hervey Bay on 10.01.2011

#### **Bundaberg**

- Facility and services intact.
- Senior Medical Entomologist is being deployed with two Environmental Health Officers assist Bundaberg Council in the management of vector control issues.

#### **Theodore**

- Facility and services intact.
- The medical centre has opened in the hospital. The full facility is to reopen once reliable water supply is restored to town, anticipated for tomorrow (13.01.2011). Subject to this being achieved the hospital anticipates that it will have full operational status to receive inpatients on Monday (19.01.2011).
- Boiled Water Alert has been issued
- A Recovery Plan is being implemented. Mental health support is currently being sourced from Biloela. A mental health support team are on stand-by for deployment from Brisbane pending further advice as to level of need following the assessment.

#### **Kilcoy**

- Facility and services intact.
- The local pharmacy isolated. QH is monitoring the impact.

#### **Caboolture**

- Facility and services intact
- Elective surgery cancelled
- Hospital isolated
- The Caboolture surgical program (trauma and elective) is currently reduced and complex cases will be transferred
- Arrangements are being made for support from private hospitals.

#### **Warra**

- Boiled Water Alert issued due to damaged pump feeding water treatment plant.

#### **Mundubbera**

- Boiled Water Alert issued as a precaution on behalf of the NBRC as their water treatment plant may be compromised and there is water discolouration in their reticulated water supply. This situation is being monitored and assessed daily.

#### **Woorabinda**

- Facility and services intact
- Public health is monitoring water situation. The water pipeline from the Dawson River at Baralaba failed and is unable to supply raw water. To supplement the bore water supply, creek water is being carted from Mimosa Creek to the WTP.

#### **Gayndah**

- Boiled Water Alert issued as a precaution on behalf of the NBRC as their water treatment plant may be compromised and there is water discolouration in their reticulated water supply. This situation is being monitored and assessed daily.



#### Bundaberg

- Facility and services intact
- Millbank sewage treatment plant operational

#### Rockhampton

- Facility and services intact
- DERM have issued an Environment Directive to pump and then discharge pump station water down stream. No environmental harm expected or risks to public health
- Retrieval Services
- In response to the increased aero-medical request activity additional medical and nursing staff has been deployed to this service.

### BRISBANE (Private Sector) AGED CARE FACILITIES

#### RSL Care Treetops – New Farm

- No power,
- 80 frail need assistance have some cylinder
- assessing need to evacuate

#### Regis Corinya – New Farm

- Evacuated on 11.01.11

#### Tricare Head Officer

- All aged care facilities is SEQ okay.
- James Ommaney Retirement village has self evacuated.

#### Jindalee Tri Care

- Police are visiting Jindalee to assist in making decision as to if will evacuate.
- QAS is heading down to identify needs plan - going predominantly to own facilities Brisbane and Gold Coast.

#### Riverview Nursing Home

- Evacuated overnight 80 to sister facility at Chapel Hill and the remainder to Ripley Church

#### Blue Care

- No concerns in Brisbane with anticipated flood peak,
- Lowood Nursing Home was evacuated 72 hrs ago (school evacuation centre)
- 4 residents awaiting transfer from evacuation centre to hospital

#### RSL

- No concerns except treetops at New Farm (high care facility)
- No plans to evacuate

#### Tricare Jindalee

- 84 residents - all high care and secure dementia. Facility did not go under in 74 but came close. Monitoring current flood situation. Under water restrictions for potable water (an issue apparently unrelated to the flood situation). Have evacuation strategy but would require assistance if this happened. Road access not an anticipated issue.
- Been told peak will be 5.7 m by SES.
- Attempting to get advice if you need to evacuate. Retirement village below the nursing home is currently evacuating. Police will be there soon. Making decision within next hour as to if will evacuate. QAS is heading down to identify needs. Plan - going predominantly to own facilities Brisbane and Gold Coast.

#### Pine Lodge Aged Care

- Low risk at this stage. Did flood in 1974. No evacuation plans. 33 high care and 19 low care residents. Current situation as of 2.12 PM - no visible flood issues.

#### Regis New Farm – Carinya

- Outside of area but information noted.
- Completely evacuated to Ferny Grove Regis Parkland Manor. Under control - no assistance.



### **Regis Gatton - Valley Views**

- Outside of area but information noted
- Partial evacuation completed. 23 Residents at facility, 4 to family, 2 to hospital and 82 residents balance at golf club. No immediate assistance required. Police locally coordinating.

### **Department of Public Works**

#### **DPW Functional Support operations**

- Deployment of a range of materials to evacuation centres in numerous centres including: Emerald, St George, Dalby, Theodore, Rockhampton, Ipswich and Brisbane. The evacuation centre materials include upwards of 7,000 inflatable mattresses as well demountable ablution facilities. The more recent requests actioned include the supply of 950 mattresses to evacuation centres in Ipswich and 3,000 mattresses to the major Brisbane evacuation centre at the RNA. An additional request has been received this morning requesting the deployment of 1,300 mattresses to a new centre being established at the QE II Stadium. A further 1,660 mattresses and approximately 2,000 camp stretchers are being held in reserve for future deployment. QLD Health are providing access to their own caches of linen and blankets to compliment the bedding supplies provided by DPW. As a need diminishes for bedding at evacuation centres in Central QLD these assets including linen could be diverted back to Brisbane or other centres still requiring evacuation centres.
- QFleet have received requests for the supply of 53 vehicles and 38 fuel cards these requests have been actioned and arrangements have been made for the supply of vehicles for requesting agencies which include DoC's, QPS and QBuild. QFleet is also providing two vehicles for use by Major-General Slater and his team.
- DPW has assisted the QLD Health Forensic Science Unit and the QPS Disaster Victim Identification Unit in expanding the existing refrigerated cadaver storage to cater for the expected influx of bodies retrieved from flood waters. Additional scope for expansion exists through the placement of refrigerated containers adjacent to the State Morgue complex at Coopers Plains.
- Smart Services QLD continues to provide call centre operations on behalf of a range of government agencies.
- DPW currently has several hundred personnel involved in a range of disaster management activities ranging from: mitigation of flood damage; damage assessment; coordination of functional support requests; call centre operations and representation on the numerous DDMG's activated.
- QBuild has worked with Ergon to develop suitable strategies for the reconnection of power to affected consumers in the Rockhampton area.

#### **DPW Core Business operations**

- QBuild has deployed damage assessment teams into all flood impacted regions where roads are safe and trafficable. Preliminary estimates not including the recent damage in Toowoomba, Ipswich and Brisbane indicate flood remedial works at State Government infrastructure will be upwards of \$8.0 million, however, this cost is expected to surge when damage to infrastructure in the remaining areas including Ipswich and Brisbane is able to be assessed.

### **Insurance Council**

An insurance taskforce is continuing to operate, comprising 25 companies who offer products in the impacted regions. Through the ICA the insurance industry is participating in the government recovery committee structure established by the Premier.

Insurance assessors are active in the areas where access can be gained to flood impacted properties. Additional assessing resources have been bought in from interstate to meet demand.

- The insurance hotline is continuing to operate for consumers who have lost insurance papers or have general inquiries, this hotline is available 24hrs on **1300 728 228**.

General advice being given to policyholders remains as follows:

Follow the advice of emergency services regarding existing flood alerts and warnings. Flood victims are encouraged, when it is safe to do so, to contact their insurer to lodge a claim or to determine their eligibility to make a claim under the policy they have purchased. Flood insurance is available in QLD from some

insurance companies. Not all insurance policies will cover policyholders for all types of flood. Policy holders should contact their insurer for clarification.

Policyholders making a claim can assist the process by developing an inventory of lost and damaged items, as well as photographing the damage sustained and keeping samples or records of any materials that have had to be removed from the property for health reasons as part of the clean up.

Do not authorise repair work before consulting your insurance company if making a claim.

Beware of unlicensed contractors, always check the credentials of any tradespeople undertaking work on your behalf, through [www.bsa.qld.gov.au](http://www.bsa.qld.gov.au)



**Attachment 7: 132 500 (Tasks) Statistics (period 16:00 10.01.11 to 16:00 11.01.11)**

Region	Calls Answered
Far Northern Region	
	55
Northern Region	
	27
Central Region	
	254
North Coast Region	
	813
Brisbane Region	
	6545
South East Region	
	1229
South West Region	
	571
Unknown origin	
	1353
<b>TOTAL</b>	<b>10847</b>

\* Outstanding tasks have been recorded in RFA Online but are yet to be allocated or completed

## Karen Cowell

---

**Subject:** Teleconference re Wivenhoe Dam  
**Location:** ODG  
  
**Start:** Mon 10/01/2011 12:30 PM  
**End:** Mon 10/01/2011 1:30 PM  
  
**Recurrence:** (none)  
  
**Organizer:** Ken Smith  
  
**Categories:** PHONE CALLS/TELECONFERENCES

Teleconference for update on current Wivenhoe flood release strategy - will send out a technical report prior to meeting.

PREMIER TO DIAL IN:

Phone:   
Pin: 

Invited participants are  
WGM  
SEQWater  
BCC  
Ipswich Council  
Somerset Council  
BoM

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.
- <<Technical Situation Report W37.docx>>



Technical  
Situation Report W37

## TECHNICAL SITUATION REPORT

<b>TSR Number</b>	<b>W36</b>	<b>Date of TSR release</b>	10.1.2011	<b>Time of TSR release</b>	8am
-------------------	------------	----------------------------	-----------	----------------------------	-----

### Seqwater status of inflows and dam operations

*Current status but could change based on inflows or rainfall.*

<b>Current objectives</b>	<ul style="list-style-type: none"> <li>Continue increasing releases to discharge flood waters but keep impact downstream to minimum.</li> </ul>
<b>Strategy</b>	<ul style="list-style-type: none"> <li>All bridges are now inundated .</li> </ul>
<b>Key considerations</b>	<p>Storage levels:      Above FSL</p> <hr/> <p>Inflows:                Inflows expected around 1,500,000ML which is close to 1974 event.</p> <hr/> <p>Rainfall:                Continuing</p> <hr/> <p>Lockyer/Bremer:      Monitoring their inflows</p> <hr/> <p>Brisbane River:      Impact as below.</p>

### Rainfall

Moderate to heavy rainfall has been recorded in the Upper Brisbane and Stanley Rivers in the last 12 hours with totals up to 90 mm. Totals for the last 24 hours range from 100 to 325mm.

Mt Glorious recorded 100 mm in the last 12 hours.

Rainfall of similar magnitudes is expected in the 12 to 24 hours around the downstream catchments as the system tracks south.

A severe weather warning remains current for heavy rainfall in the dam catchment areas.

### North Pine Dam (Full Supply Level 39.60 m AHD)

The dam level was 39.97 m and steady. Five gates are open releasing 475 m<sup>3</sup>/s. The inflow into the dam since the commencement of the event is 52,000 ML. Estimated event volume is 72,000 ML assuming no further rainfall. Gate operations will continue until at least Tuesday 11 January 2011.

### Somerset Dam (Full Supply Level 99.00 m AHD)

The dam level at 05:00 was 102.84 m AHD and rising (storing 193,000 ML above FSL). Peak inflow to the dam is estimated to be about 4,200 m<sup>3</sup>/s based on observed rainfall and could be as high as 5,000m<sup>3</sup>/s with additional forecast rainfall. Five sluice gates are open releasing about 1,100m<sup>3</sup>/s (95,000ML/d) into Wivenhoe Dam. At this stage the dam lake level will reach about 103.5 m AHD on Monday afternoon. Areas around Kilcoy will continue to be adversely affected.

Since the commencement of the event on 02/01/2011 approximately 142,000ML has been released from the dam into Wivenhoe, with an event total of the order of 520,000ML expected. This is expected to increase due to the forecast rain in the next 24 to 48 hours. At this stage, releases will continue until at least Thursday.



## **Wivenhoe Dam (Full Supply Level 67.00 m AHD)**

River levels upstream of the dam have peaked and are falling slowly with significant inflow being generated from the intense heavy rainfall. Flows in the Brisbane River at Gregor's Ck have peaked at 7,350m<sup>3</sup>/s at 23:00 on Sunday 9 January. This peak is bigger than January 1974 and February 1999 at this location.

The dam level is rising quickly, with the current level being 70.77m AHD (storing 450,000 ML). Estimated peak inflow to the dam just from the Upper Brisbane R is around 8,800m<sup>3</sup>/s and, at this stage, the dam will reach at least 73.3 m AHD during Tuesday morning. Given the rapid increase in inflow volumes, it was necessary to start to increase the release from Wivenhoe during Monday morning.

The objective for dam operations will be to minimise the impact of urban flooding in areas downstream of the dam and, at this stage, the aim is to keep combined flows in the lower Brisbane to 3,500m<sup>3</sup>/sec if possible. Consistent with the approved Operating Procedures, these target combined flows may need to be increased to 4,000m<sup>3</sup>/s, and potentially higher. In either case, this is significantly less than the current estimated combined pre-dam peak inflow of 12,000 m<sup>3</sup>/s.

Fernvale Bridge approaches and Mt Crosby Weir Bridge have been inundated and both bridges are now closed.

The current release rate from Wivenhoe Dam is around 2,000m<sup>3</sup>/s (172,000ML/day). Gate opening will continue to be increased during Monday and the release is expected to increase to at least 2,600m<sup>3</sup>/s in the next 12 to 24 hours and further depending on downstream flows..

Since the commencement of the event on 02/01/2011 approximately 275,000ML has been released from the dam, with an event total approaching 1,600,000ML without further rain and as much as 2,100,000ML with forecast rainfall of (both including Somerset outflow). At this stage, releases will continue until at least Sunday 16<sup>th</sup> January 2011.

## **Impacts downstream of Wivenhoe Dam**

The projected Wivenhoe Dam releases combined with Lockyer flows and local runoff will mean that all crossings downstream of Wivenhoe (Twin Bridges, Fernvale, Savages Crossing, Burtons Bridge, Kholo Bridge, Mt Crosby Weir and Colleges Crossing) will be adversely impacted until at least Saturday 15 January in varying degrees.

Water levels in the lower Brisbane R will be impacted by the combined flows of Lockyer Ck, Bremer River, local runoff and releases from Wivenhoe Dam. If the predicted rainfall eventuates in the downstream tributary catchments the resultant combined flows in the lower Brisbane may exceed the threshold of damaging discharge in the urban areas within the next 24 to 48 hours. Currently the estimate peak flow in the lower Brisbane River will be the highest since Wivenhoe Dam was completed in 1984 but still well below flows the 1974 levels.

Somerset Regional, Ipswich City and Brisbane City Councils have been advised of the updated Wivenhoe operating strategy.

## **Outlook**

Heavy rainfall continues throughout South East Queensland and the situation could deteriorate rapidly over the next 24 hours. The flood operation centre will continue to monitor the situation and provide every six hours until the situation stabilizes.

---

<b>Seqwater Technical Officer name</b>
--

Robert Drury
--------------

---

Seqwater Technical Officer position title	Dam Operations Manager

## BoM assessment

*(consisting of references to latest Flood Warning for the Brisbane River and other relevant Bureau forecasts and warnings (e.g. weather/rain forecasts, Tropical Cyclone Warning etc) and other updates/comments if needed)*

BoM has been advised.

BoM Technical Officer name	Peter Baddiley
BoM Technical Officer position title	
BoM Technical Officer contact details	

## Brisbane City Council (BCC) assessment

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

BCC Technical Officer name	Chris Lavin
BCC Technical Officer position title	Disaster Operations Manager
BCC Technical Officer contact details	

## Ipswich City Council (ICC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

ICC Technical Officer name	Tony Trace
ICC Technical Officer position title	Local Disaster Response Coordinator
ICC Technical Officer contact details	

## Somerset Regional Council (SRC) assessment (if required)

*(to include predicted local inundation areas and depths of inundation based on the information)*

Council has been advised of the current status.

SRC Technical Officer name	Tony Jacobs
SRC Technical Officer position title	Local Disaster Response Coordinator

---

<b>SRC Technical Officer contact details</b>	
--	--

---

Collated and distributed by (Agency)

Contact Officer signature	
Contact Officer name	Rob Drury
Contact Officer position title	Dam Operations Manager

Next TSR due	Date	11.1.2011	Time		or Event	Change in strategy
--------------	------	-----------	------	--	----------	--------------------



## Karen Cowell

---

**Subject:** Canceled: TELECONFERENCE: RE Wivenhoe Dam / BOM [Ken Smith, Stephen Beckett]  
**Location:** Premier's office

**Start:** Mon 10/01/2011 12:30 PM  
**End:** Mon 10/01/2011 1:30 PM  
**Show Time As:** Free

**Recurrence:** (none)

**Meeting Status:** Not yet responded

**Organizer:** Anna Bligh

**Importance:** High

\*\*\*Premier now not joining this teleconference\*\*\*

Teleconference for update on current Wivenhoe flood release strategy - will send out a technical report prior to meeting.

PREMIER TO DIAL IN:

Phone:

Pin: 7

Invited participants are

WGM

SEQWater

BCC

Ipswich Council

Somerset Council

BoM

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.

<<Technical Situation Report W37.docx>>



Technical  
uation Report W37

29 January 2012

The Hon. Justice Catherine Holmes  
Commissioner  
Queensland Floods Commission of Inquiry  
PO Box 1738  
Brisbane QLD 4001

Dear Justice Holmes

I write to reiterate my availability to the Commission of Inquiry (COI) following recent media articles focusing on water releases from Wivenhoe Dam immediately prior to last year's devastating floods in Ipswich and Brisbane.

As you know, the COI announced on Wednesday 25 January 2012 that it will conduct additional public hearings into releases of water from Wivenhoe Dam prior to the flooding in Ipswich and Brisbane in early January last year. This follows stories in *The Australian* which questioned the release strategy put in place by SEQ Water immediately prior to the floods. I understand that these public hearings will be conducted in Brisbane between 2 and 10 February 2012.

Following the stories in *The Australian*, *The Courier Mail* published a number of stories on Friday 27 and Saturday 28 January 2012 and subsequently on their web sites that stated I had been in receipt of information regarding the dam water release strategy that is alleged to have contradicted evidence provided by SEQ water engineers to the COI. The email referred to in *The Courier Mail* articles was dated 10 January 2011.

The email was sent to me and others from SEQ Water's Dan Spiller in my previous position as Director General of the Department of Premier and Cabinet (DPC) and Chairman of the State Disaster Management Group (SDMG). The stories alleged that my name had been purposely "blacked out" prior to the material being provided to the Commission of Inquiry. I had no knowledge of my name being "blacked out" and understand that the document provided to the COI was provided in full with references to all recipients, including myself being fully and openly available to the Inquiry.

**Trade Queensland** | Europe

Queensland House  
392 Strand  
London WC2R 0LT  
United Kingdom

**Telephone**

**Facsimile**

**Website** [export.qld.gov.au](http://export.qld.gov.au)

The subsequent release of a version with my and other names "blacked out" and the apparent contradiction with the release of an unedited version of the same email through a Right to Information release to *The Courier Mail* by DPC sparked the assertion that there must have been an attempt to cover up information that I was aware of in respect of the particular issues relating to releases from Wivenhoe Dam at the time.

I am concerned that there might be any imputation that I may have wanted to conceal any information from the COI that I had access to in my official capacity at the time. Prior to taking up the position of Agent General in London, I had responsibility to ensure that all information required by the COI would be provided in an open and timely manner. The need to fully cooperate with the COI's information requirements was a matter of priority for the Premier, The Hon Anna Bligh who asked me to treat this as the highest priority in Government administration.

As you know, when I was aware in April 2011 that I would be leaving the Director General's position in June 2011, I offered any assistance I could prior to my departure, including being interviewed by the Commission on the role I played as Chair of SDMG in the lead up, during and following the floods in December 2010 and January 2011. Given the latest publicity, I reiterate my availability to the COI at any time, whether in person or via tele or video conference. I would of course need to access relevant documents from Brisbane, so I would need to be given some notice to properly prepare.

I can be contacted at any time on my landline, [REDACTED], mobile [REDACTED] or email [ken.smith@\[REDACTED\]](mailto:ken.smith@[REDACTED])

Yours sincerely

[REDACTED]  
[REDACTED]  
Ken Smith

[REDACTED]  
Agent General and Trade Commissioner for Europe