

LOWER FORTH FLOOD RESPONSE AND RECOVERY PLAN



Prepared for:

Central Coast Council

19 King Edward Street

ULVERSTONE TAS 7315


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Version 1

THIS PAGE DOES NOT FORM PART OF THE PLAN

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PART A: FLOOD RESPONSE PLAN



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Lower Forth Flood Response and Recovery

1 RECEIPT OF FLOOD WARNINGS

1.1 Lead Agency

In the event of a flood emergency, the Tasmanian State Emergency Services (SES) will be the Lead Agency.

Effective flood response will be achieved through a strong partnership with the Municipal Councils.

1.2 Flood Warnings

The Bureau of Meteorology (BOM) is responsible for flood forecasting and warning under the *Meteorology Act* (1955).

BOM will concurrently fax flood warning information to the SES, Tasmania Police, Water Resources Group within the Department of Primary Industries and Water (DPIW), Hydro Tasmania, and the Councils of Central Coast, Devonport and Kentish.

At Central Coast Council, the primary facsimile number for receipt of warnings is:

(03) 6425 1224 – located behind the reception area, ground floor

A secondary facsimile is available on (03) 6429 8978, located in the Assets & Engineering offices inside the fire escape exit on the eastern side of the building's upper floor.

All flood warnings received from BOM by the Municipal Council will be circulated to the Municipal Emergency Management Co-ordinator (Municipal Co-ordinator) and Deputy Co-ordinator during normal business hours.

Out of hours the Council will receive warnings from the SES.

In the event of facsimile failure, warnings will be posted on the BOM website [<http://www.bom.gov.au/hydro/flood>], with additional information available by direct telephone conferral with BOM. BOM will make available the telephone number to the Municipal Co-ordinator, Deputy Co-ordinator and General Manager.



Flood information may also be received from the general public, in some cases prior to official warnings being issued by BOM. All information received by Council (e.g. via the switchboard or the Works Depot) will be immediately provided to the Municipal or Deputy Co-ordinator.

In cases where flood gauges have been installed on strategically nominated private properties by the Central Coast Council, the residents will be provided with a 24-hour SES contact telephone number to relay flood warnings and readings.

1.3 Responding to the Flood Warning

Upon receipt of a BOM or community flood warning, the SES will:

- a) Confirm the warning with the Tasmania Police Regional Commander and the Central Coast, Devonport, Latrobe and Kentish Municipal Co-ordinators and arrange for co-ordination and provision of support.

The SES in partnership with the Central Coast Municipal Coordinator will:

- a) Interpret the warning, with reference to people and assets at risk, as determined by the inundation mapping and asset/property register in Part C of the plan.

NOTE: BOM will provide a River Height Prediction (RHP) at the river gauge located at "Forth below Wilmot" [GDA94: 437481E, 5430900N]. Interpretation of RHP will be in accordance with Part C of the Plan.

- b) Determine what external agency support is required, and contact them (refer EMP list);
- c) Forward the warning to Cradle Coast Water, enabling activation of their flood response procedure, if required;
- d) Determine whether a community warning is required, and then how the advice will be disseminated; and,
- e) Establish an Emergency Co-ordination Centre, if required.

The Central Coast Municipal Co-ordinator will:

- a) Notify the Central Coast Municipal Works Management Group Leader;



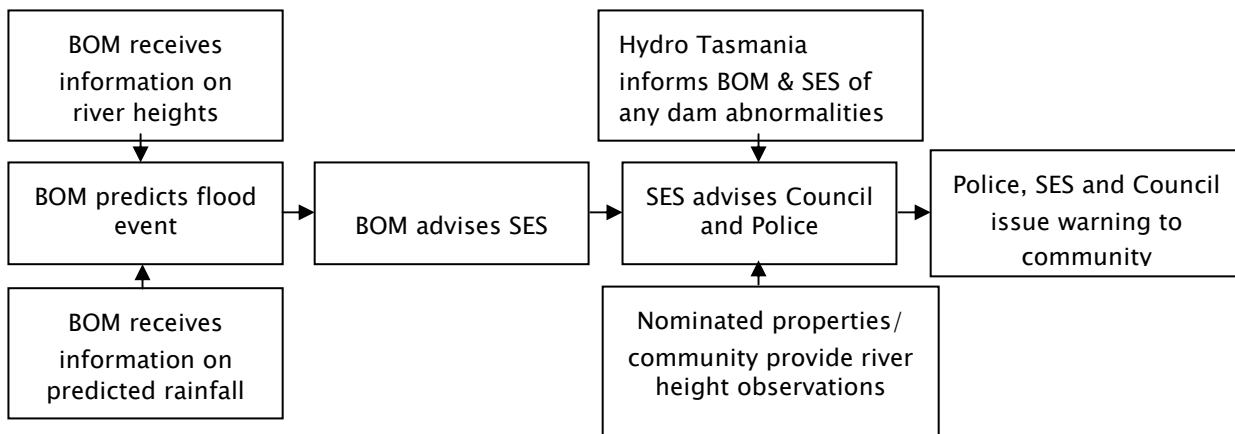
Plan

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Lower Forth Flood Response and Recovery

- b) Activate the Emergency Procedure for the Turners Beach Wastewater Treatment Plant in conjunction with Works Management Group Leader;
- c) Liaise with the Municipal Co-ordinators of Latrobe, Devonport and Kentish to co-ordinate resources as required;
- d) Inform the Central Coast General Manager and Mayor of the flood situation;
- e) Inform the Local Recovery Co-ordinator of possible need for evacuation centre.

1.4 Overview of Flood Warning Arrangements



2 ISSUING COMMUNITY WARNINGS

2.1 Message Construction and Authorisation

The decision to construct and issue community flood advice will be made by the SES and Tasmania Police, in consultation with the Central Coast and other Municipal Co-ordinators.

All community flood advice is to be prepared by the SES and issued under the authority of Tasmania Police.

A warning message procedure and sample warning message is provided in [Annexure 1](#).



2.2 Community Flood Advice

Dissemination of community flood advice will be in accordance with the Central Coast Municipal Emergency Management Plan (MEMP).

Should the emergency escalate and incorporate the Regional Emergency Management Plan, then all media releases and community flood advice shall be through the SES Regional Controller or his or her duly appointed officer.

Door-to-door flood advice will be initiated by Tasmania Police, with support of the SES and the Municipal Co-ordinator as required.

As a guide, the number of properties with buildings likely to be inundated by a 1 in 100 AEP flood event is 31, with several more likely to be isolated by the inundation of roads and bridges.

Residents need to have their own contingencies to respond to the flood threat.

A written information template that provides assistance to evacuees and identifies evacuation routes is provided in [Annexure 2](#).

The use of **fixed line telephone, SMS or Mobile Telephone message dissemination** will be at the direction of the SES and Tasmania Police, in consultation with the Municipal Co-ordinators. Be aware that a power failure may result in phone failure and mobile phone coverage is inconsistent in the area.

To assist in the use of telephone information dissemination, the Municipal Co-ordinator will maintain a register containing the telephone contact details of residents likely to be the first affected. The register will be provided to the Deputy Co-ordinator, General Manager and the SES Regional Manager.

2.3 Groups and Individuals Requiring Extra Assistance

The Municipal Co-ordinator(s), in partnership with the SES, will:

- a) Ensure that identified groups or individuals with special needs are provided with adequate support and information, which may include but not be limited to:



- i. transport provision;
- ii. interpretation services;
- iii. medical support; and
- iv. animal protection.

Groups and individuals requiring extra assistance may include:

- i. Cradle Coast Water;
 - ii. Forth Primary School;
 - iii. Fulton Park Scout Camp;
 - iv. Senior citizens or mobility impaired persons;
 - v. Harvest Moon Farm;
 - vi. Forth businesses;
 - vii. Forth Football Club; and
 - viii. Tasmanian Canoe Club.
- b) Attempt to identify any additional groups or individuals requiring extra assistance. To ascertain the particular needs of individuals in the event of a flood emergency, the Municipal Co-ordinator or their delegate may contact the Forth Store for localised information.
- c) Ensure warning dissemination successfully reaches:
- i. Tourist accommodation providers;
 - ii. Campers along the Forth River; and
 - iii. Sporting grounds and facilities, including the golf range and canoe club.

The SES, in partnership with the Municipal Co-ordinator, will arrange for the delivery of any identified special assistance to the community.

3 PUBLIC RELATIONS & MEDIA

3.1 During the Response

3.1.1 Media Liaison

Liaison between the media and a nominated Council spokesperson will be managed by the SES. All media messages and media releases will be approved by the Tasmania Police Regional Commander.



Nominated Council spokespeople will be provided with media release information and critical information by the Municipal Co-ordinator(s), on behalf of the SES and Tasmania Police.

3.1.2 Public Enquiries

During a flood event, the Central Coast Council will ensure that a general enquiry telephone line is available 24 hours a day. Community information will direct enquiries and information requests to the Central Coast general enquiry telephone number.

The Municipal Co-ordinator will ensure all approved warning information; media releases and updates are provided to the Council's telephone operators and the Works Management Group Leader.

Enquiries that cannot be answered by Central Coast telephone operators will be directed to the Municipal Co-ordinator, or at the direction of the Municipal Co-ordinator, the Deputy Co-ordinator.

3.2 During Recovery

Once the response effort is concluded by the SES, all media releases and public enquiries will be transferred to, and managed by, the Municipal Council (Refer to Part D: Recovery Management).



PART B: MUNICIPAL RESPONSIBILITIES



4 MUNICIPAL ROLES & RESPONSIBILITIES

4.1 Municipal Responsibilities

4.1.1 General Responsibilities

As required by the SES, the Central Coast, Devonport and Kentish Councils will:

- a) Ensure all necessary resources for the emergency response are available;
- b) Provide and manage a suitable Evacuation Centre, if required; and,
- c) Nominate a spokesperson(s) for each Council, which will be the Mayor or a delegated elected member.

At the request of the SES, the Central Coast Council will:

- a) Provide a suitable Emergency Co-ordination Centre, and suitably trained administration and information technology staff.

Other responsibilities of the Council(s) may include:

- a) Assisting in door-to-door message dissemination;
- b) Telephone message dissemination and maintenance of phone number register;
- c) Provision of resources to close roads, including signage and personnel to man road blocks;
- d) Deployment of work crews to attend to damaged signs, fallen trees and blocked stormwater drains;
- e) Provision of access to an accurate and up to date Geographic Information System (GIS) covering the entire flood area;
- f) Relocation and/or management of domestic pets and livestock if owners are unable to attend, subject to resources and priorities;
- g) Liaison with and support by the Municipal Recovery Co-ordinator to the Regional Recovery Co-ordinator; and/or,



- h) Providing communication or administration officer support to the Council spokesperson;
- i) Collection of data (such as GPS locations of the maximum water levels) immediately after flood to assist in correlating and/or enhancing flood models and planning.

These actions will be managed by the Municipal Co-ordinator in consultation with the SES and with due consideration of Council's Duty of Care and Occupational Health & Safety obligations.

All managers and individuals need to be aware of their Occupational Health & Safety responsibilities throughout the emergency response. The Municipal Co-ordinator will appoint a Works Safety Officer for the emergency event. No person shall endanger themselves or others in responding to the emergency event.

4.1.2 Municipal Emergency Management Co-ordinator Duties

The duties of the Municipal Co-ordinator mirror those articulated in the MEMP.

As a guide, during a flood emergency, the Municipal Co-ordinator's duties may include:

- a) Arranging for the activation and management of the Emergency Co-ordination Centre and Evacuation Centre;
- b) Becoming the principal liaison person between the Emergency Co-ordination Centre and the Council spokesperson;
- c) Ensuring that identified groups or individuals with special needs are provided with adequate support and information – including an accurate telephone register;
- d) Co-ordination of Council resources including communication with the Works Management Group Leader and other personnel;
- e) Attempting to identify any additional groups or individuals requiring extra assistance; and/or,
- f) Responding to community enquiries and specific needs.



4.1.3 Mayor or Elected Representative Duties

The duties of the Mayor or Elected Representative mirror those articulated in the MEMP.

As a guide, during a flood emergency, the Mayoral duties may include:

- a) Nomination as the official spokesperson for the Council; and,
- b) Liaison with the nominated spokesperson of neighbouring Councils.

4.1.4 General Manager Duties

The duties of the General Manager mirror those articulated in the MEMP. During a flood emergency, the General Manager's duties will include:

- a) Co-ordination of all administrative support and documentation during the emergency event;
- b) Maintenance of separate files pertaining to the event, and make these files available upon request from State or Federal Agencies; and,
- c) Maintain an emergency order book to be used to purchase or obtain such items not readily available but required to assist the emergency management agencies. The General Manager may nominate such other persons as necessary to operate the emergency order book.

4.2 Emergency Co-ordination Centre

The primary Emergency Co-ordination Centre will be the Ulverstone Police Station. Details are provided in Table 1.



Table 1 – Primary Emergency Co-ordination Centre

Location	Ulverstone Police Victoria Street Ulverstone
Access Arrangements	24 Hour Police Station Contact Police Station on 6429 8606.
Alarm Details	N/A
Facilities and Resources	<p>Continuous Power Supply: Yes (Has back-up emergency power).</p> <p>Accessible Telephone Lines: Number of Phones – 8; Individual phone lines – 8; teleconferencing facilities can be arranged. Facsimile – (03) 6429 8616</p> <p>Internet Access: Yes, Number of points – 4</p> <p>Access to mapping and other products is available from Central Coast Council, located next door.</p> <p>Capacity: Number of persons – 18 ; number of tables – 15; number of chairs – 40</p>

An alternative Emergency Co-ordination Centre is the Assets & Engineering Department at Central Coast Council. Details are provided in Table 2. The SES will, if required, activate the Emergency Co-ordination Centre by notifying the Municipal Co-ordinator.

Table 2 – Alternative Emergency Co-ordination Centre

Location	Assets & Engineering Department Central Coast Council Victoria Street Ulverstone
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Access Arrangements	<p>Contact Central Coast Council on 6429 8900.</p> <p>Out-of-hours access will be arranged by contacting: Municipal Co-ordinator on 6425 3704 or 0419 871 578, General Manager on 64251336 or 0419338321, Deputy Municipal Co-ordinator on 6428 2945 or 0437 127 586.</p>
Alarm Details	Keypad entry.
Facilities and Resources	<p>Continuous Power Supply: Yes (Has back-up emergency power).</p> <p>Accessible Telephone Lines: Number of Phones – 14; Individual phone lines – 14; teleconferencing facilities can be arranged. Facsimile – 6429 8978.</p> <p>Internet Access: Yes, Number of points – 14</p> <p>Network access to mapping and other products is available. Digital projection is available.</p> <p>Capacity: Number of persons – 20 ; number of tables – 15; number of chairs – 40.</p>

Further alternative Emergency Co-ordination Centres are provided in the Central Coast Municipal Emergency Management Plan.

4.3 Evacuation Centres

4.3.1 General

Central Coast, Devonport and Kentish Councils will each maintain its own Evacuation Centre. The Evacuation Centres will be managed in accordance with the respective Municipal Emergency Management Plans.



4.3.2 Central Coast Council

Location	Ulverstone Civic Centre King Edward Street, Ulverstone
Access Arrangements	Contact Central Coast Council on 6429 8900. Out-of-hours access will be arranged by contacting: Municipal Co-ordinator on 6425 3704 or 0419 871 578, General Manager on 6425 1336 or 0419 338 321, Deputy Municipal Co-ordinator 6428 2945 or 0437 127 586.
Alarm Details	No alarm
Essential Services	<u>Switchboard</u> – Council Chambers, 19 King Edward Street, Ulverstone <u>Water</u> – Patrick Street entrance to loading bay
Other Information	<u>Catering</u> – Fully equipped kitchen <u>Registration desk</u> – Civic Centre Foyer <u>Communications</u> – 5 phone lines; Isandula Room – 6429 8961, Ticket Office – 6429 8962, Kitchen/Gawler Room – 6429 8963, Leven Theatre – 6429 8964, Manager’s Office – 6429 8965 and Fax/Internet access. <u>Toilets and Showers</u> Female – 8 cubicles, 1 shower Male – 5 cubicles, 1 urinal, 1 shower 2 single unisex toilets – 1 disabled toilet <u>Sleeping Arrangements</u> – Could sleep approx 50 in Gawler Room, using portable bedding. <u>Parking</u> – Two adjoining carparks with additional parking nearby.

4.3.3 Kentish Council

Location	Sheffield Town Hall 66 High Street, Sheffield
Access Arrangements	Contact Council on 6491 2500 Out-of-hours access to be arranged by contacting the: Municipal Co-ordinator Matt Greski 0427 334 531, General Manager Mark Crouch 0429 912 506, or Deputy Municipal Co-ordinator Ian Hyde 0417 147 655.



Alarm Details	No alarm
Essential Services	<p><u>Switchboard</u> – Located at the top of the stairs inside the front of the Town Hall. Building has been wired for connection to an emergency generator. Connection point for the emergency generator is outside the building, at the top of the emergency exit stairs on the front right of the hall.</p> <p><u>Water</u> – Water meter located at the front right of the hall, beside the emergency exit steps.</p>
Other Information	<p><u>Catering</u> – Full kitchen facilities including stove, fridge and automatic hot water boil.</p> <p><u>Capacity</u> – approx. 120 people.</p> <p><u>Registration desk</u> – Front of hall.</p> <p><u>Communications</u> – Currently no fixed line.</p> <p><u>Toilets and Showers</u> – No showers on site; 2 x male plus 2 x female showers available at the amenities block in the adjacent park. 2 x male WCs and 1 urinal plus 3 x female WCs. 1 x unisex disabled toilet.</p> <p><u>Sleeping arrangements</u> – Up to 100 people in hall.</p> <p><u>Parking</u> – Limited on-site parking, but large park adjacent to hall could be used.</p>

4.3.4 Devonport Council

Location	Devonport Recreation Centre 34 Forbes Street, Devonport
Access Arrangements	<p>Contact Devonport Council on 6423 3074.</p> <p>Out-of-hours access will be arranged by contacting the Municipal Emergency Co-ordinator or General Manager via the council general enquiry line 6423 3074.</p>
Alarm	Yes
Essential Services	<p>Switchboard – Front office</p> <p>Water – Front of building (Forbes Street)</p>

Other Information	<u>Catering</u> – Seats 3,500 <u>Registration desk</u> – Front of building <u>Communications</u> – Phone fax/internet access – all available 6423 3074 <u>Toilets and Showers</u> – Adequate for 3,500 <u>Sleeping arrangements</u> – Floor only, adequate motels nearby <u>Parking</u> – onsite, front and rear
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PART C: PROPERTIES, ASSETS & SERVICES

5 ASSETS AFFECTED BY INUNDATION

5.1 Properties and Buildings

A list of properties with buildings expected to be threatened by inundation is provided in Table 3. Hard copy maps are provided on page 29. Additional spatial information is available via the Central Coast GIS System, accessible from the Assets & Engineering building.

5.2 Roads and Bridges

Roads and Bridges expected to be threatened by inundation are provided in Table 4.

5.3 Turners Beach Wastewater Treatment Plant

Inundation mapping indicates the Turners Beach Wastewater Treatment Plant will be inundated at river heights greater than 6.5m measured on the BOM flood gauge.

The Municipal Co-ordinator will notify the responsible Council Officer to implement the Turners Beach Wastewater Treatment Plant Emergency Response Procedure.

5.4 Lifeline and Public Assets and Services

Public and lifeline assets expected to be threatened by inundation, and relevant contacts are provided in Table 5.

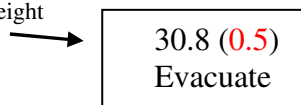
NOTE:

The information shown includes flood levels that have been obtained from Hydro Tasmania's MIKE 11 flood modelling computer program for annual exceedence probabilities (AEP) ranging from 1:2 years to 1:200 years. The flood levels have not been adjusted for local effects and may need to be adjusted accordingly. Water levels may be up to 0.5 metres higher or lower than forecast in the tables below. The Central Coast Council accepts no responsibility for the accuracy of the data. The information is to be used as a guide only.

Table 3 – Properties with buildings at risk of inundation or isolated by road closures. (Extracted from Lower Forth River Floods Property Evacuations and Bridge and Road Closures: Technical Reference Document Rev 1 October 2007)

**Indicates properties located within/near inundated area, not flooded but actions (monitor/evacuate) required.*

How to read the tables: Predicted flood height



← Level **above**/below floor level
← Required Action

Property/Asset Location		Building Floor level (m)	Annual Exceedence Probability					
			1-2	1-5	1-10	1-50	1-100	1-200
			4.1m	5.0m	5.7m	7.3m	8.4m	10.0m
99	Jamiesons Road	35.9						32.5 (-3.4) No action
50	Jamiesons Road	33.3						32.5 (-0.8) No action
	Paloona Power Station	30.3			29.0 (-1.3) No Action	30.8 (0.5) Evacuate	31.7 (1.4) Evacuate	32.9 (2.6) Evacuate
1121	Wilmot Road	28.0					27.4 (-0.6) Sandbag	28.8 (0.8) Evacuate
	Pump Station, Paloona Road	25.9						26.4 (0.5) Sandbag
538	Paloona Road	26.2			22.1 (-4.1) Monitor *	23.7 (-2.5) Evacuate*	24.6 (-1.6) Evacuate*	26.0 (-0.2) Monitor and sandbag
482	Wilmot Road	17.8						17.2 (-0.5) No action
520	Wilmot Road	18.3				15.0 (-3.3) Monitor*	15.8 (-2.5) Evacuate*	16.9 (-1.4) Evacuate*

Property/Asset Location		Building Floor level (m)	Annual Exceedence Probability					
			1-2	1-5	1-10	1-50	1-100	1-200
			4.1m	5.0m	5.7m	7.3m	8.4m	10.0m
655	Wilmot Road	NA				Monitor*	Evacuate*	Evacuate*
483	Wilmot Road	12.5	10.6 (-1.9) No Action	11.5 (-1.0) No Action	12.3 (-0.2) Monitor & sandbag	14.0 (1.5) Evacuate	14.8 (2.3) Evacuate	15.9 (3.4) Evacuate
605	Wilmot Road	NA					No Action	No Action
639	Wilmot Road	NA					No Action	No Action
393	Wilmot Road	14.7						14.2 (-0.5) No action
	Scout Camp; Pumping Station Road	13.7						13.7 (0.0) Sandbag
317	Wilmot Road	NA			No Action	No Action	No Action	No Action
182	Wilmot Road	9.7				8.8 (-0.9) No Action	9.6 (-0.1) Sandbag	10.6 (0.9) Evacuate
184	Wilmot Road	11.3				9.0 (-2.3) Monitor *	9.7 (-1.6) Monitor *	10.7 (-0.6) Evacuate *
269	Pumping Station Road	15.1			8.4 (-6.7) Monitor*	10.1 (-5.0) Evacuate*	10.9 (-4.1) Evacuate*	12.0 (-3.1) Evacuate*
	NW Reg Water Authority Pumping Station 1	9.5				8.8 (-0.7) No Action	9.6 (0.1) Sandbag	10.6 (1.1) Evacuate
	NW Reg Water Authority Pumping Station 2	9.0				8.7 (-0.3) Sandbag*	9.5 (0.5) Evacuate	10.5 (1.4) Evacuate
19	Wilmot Road	8.8					7.9 (-0.9) No Action	8.9 (0.1) Sandbag
2	Pumping Station Road	8.6					7.8 (-0.7) Monitor*	8.8 (0.2) Sandbag
120	Pumping Station Road	7.0		6.2 (-0.8) No Action	6.8 (-0.2) Monitor & Sandbag	8.3 (1.3) Evacuate	9.0 (2.0) Evacuate	10.0 (3.0) Evacuate
136	Pumping Station Road	8.3				8.5 (0.2) Sandbag	9.3 (1.0) Evacuate	10.2 (1.9) Evacuate
137	Pumping Station Road	14.8					9.4 (-5.4) Monitor *	10.4 (-4.5) Evacuate*

Property/Asset Location		Building Floor level (m)	Annual Exceedence Probability					
			1-2	1-5	1-10	1-50	1-100	1-200
			4.1m	5.0m	5.7m	7.3m	8.4m	10.0m
667	Forth Road	5.8		5.2 (-0.6) No Action	5.7 (-0.1) Sandbag	7.1 (1.4) Evacuate	7.8 (2.1) Evacuate	8.8 (3.0) Evacuate
643	Forth Road	8.3					7.7 (-0.6) Monitor*	8.6 (0.3) Sandbag & Evacuate
4	Wilmot Road	5.6		5.1 (-0.5) No Action	5.7 (-0.1) Sandbag	7.0 (1.4) Evacuate	7.5 (1.9) Evacuate	8.3 (2.7) Evacuate
668	Forth Road; General Store	5.5		5.0 (-0.5) No Action	5.5 (-0.0) Sandbag	6.7 (1.1) Evacuate	7.2 (1.6) Evacuate	7.8 (2.3) Evacuate
670	Forth Road	6.1			5.4 (-0.7) No Action	6.6 (0.5) Evacuate	7.1 (1.0) Evacuate	7.7 (1.6) Evacuate
678	Forth Road; Automotive Garage	5.1	4.2 (-0.9) No Action	4.9 (-0.2) Monitor & Sandbag	5.4 (0.3) Sandbag	6.6 (1.5) Evacuate	7.1 (2.0) Evacuate	7.7 (2.6) Evacuate
680	Forth Road; Community Hall	5.2	4.2 (-1.0) No Action	4.9 (-0.4) Monitor	5.4 (0.2) Sandbag	6.6 (1.4) Evacuate	7.1 (1.9) Evacuate	7.7 (2.5) Evacuate
683	Forth Road	6.1			5.4 (-0.7) No Action	6.6 (0.5) Evacuate	7.1 (1.0) Evacuate	7.7 (1.6) Evacuate
684	Forth Road	5.0	4.1 (-0.9) No Action	4.8 (-0.3) Monitor & Sandbag	5.3 (0.3) Sandbag	6.4 (1.4) Evacuate	6.9 (1.9) Evacuate	7.6 (2.6) Evacuate
	Forth Road; Football Club Rooms	4.0	4.0 (-0.0) Sandbag	4.6 (0.6) Evacuate	5.1 (1.1) Evacuate	6.2 (2.2) Evacuate	6.7 (2.7) Evacuate	7.4 (3.3) Evacuate
8	Mell Street	3.8	3.5 (-0.3) Monitor & Sandbag	4.0 (0.2) Sandbag	4.5 (0.7) Evacuate	5.6 (1.8) Evacuate	6.0 (2.2) Evacuate	6.6 (2.9) Evacuate
341	Leith Road	4.0	3.3 (-0.7) No Action	3.9 (-0.1) Monitor & Sandbag	4.3 (0.3) Evacuate	5.4 (1.4) Evacuate	5.8 (1.8) Evacuate	6.4 (2.4) Evacuate
369	Leith Road	5.8			4.9 (-0.9) No Action	6.0 (0.2) Sandbag	6.5 (0.7) Evacuate	7.1 (1.3) Evacuate
371	Leith Road	5.8			5.0 (-0.8) No Action	6.1 (0.3) Sandbag	6.6 (0.8) Evacuate	7.2 (1.4) Evacuate
377	Leith Road	6.2			5.2 (-1.0) No Action	6.3 (0.1) Sandbag	6.8 (0.6) Evacuate	7.5 (1.3) Evacuate
381	Leith Road	5.7		4.8 (-0.9) No Action	5.3 (-0.4) No Action	6.4 (0.7) Evacuate	6.9 (1.2) Evacuate	7.6 (1.9) Evacuate
389	Leith Road; Church	7.3				6.6 (-0.7) No Action	7.1 (-0.2) Monitor & Sandbag	7.7 (0.4) Evacuate

Property/Asset Location		Building Floor level (m)	Annual Exceedence Probability					
			1-2	1-5	1-10	1-50	1-100	1-200
			4.1m	5.0m	5.7m	7.3m	8.4m	10.0m
393	Leith Road; Bridge Hotel	7.3				6.8 (-0.5) Monitor	7.3 (0.0) Sandbag	8.0 (0.7) Evacuate
666	Forth Road	5.5		4.6 (-0.9) No Action	5.1 (-0.4) Monitor	6.3 (0.8) Evacuate	6.8 (1.3) Evacuate	7.4 (1.9) Evacuate
673	Forth Road	5.5		4.5 (-1.0) No Action	5.0 (-0.5) No Action	6.1 (0.6) Evacuate	6.6 (1.1) Evacuate	7.3 (1.8) Evacuate
3	William Street	6.8				6.4 (-0.3) Monitor	6.9 (0.1) Sandbag	7.6 (0.8) Evacuate
288	Leith Road	2.2	2.9 (0.7) Evacuate	3.3 (1.1) Evacuate	3.7 (1.5) Evacuate	4.6 (2.4) Evacuate	4.9 (2.7) Evacuate	5.5 (3.3) Evacuate
294	Leith Road	3.9	2.9 (-1.0) No Action	3.4 (-0.5) No Action	3.8 (-0.1) Sandbag	4.7 (0.8) Evacuate	5.1 (1.2) Evacuate	5.7 (1.8) Evacuate
325	Leith Road	3.8	3.1 (-0.7) No Action	3.5 (-0.3) Monitor & Sandbag	4.0 (0.2) Evacuate	4.9 (1.1) Evacuate	5.3 (1.5) Evacuate	5.9 (2.1) Evacuate
329	Leith Road	3.6	3.1 (-0.5) Monitor	3.6 (0.0) Sandbag	4.0 (0.4) Evacuate	5.0 (1.6) Evacuate	5.5 (1.9) Evacuate	6.1 (2.5) Evacuate
	Harvest Moon Processing Plant	2.2	2.9 (0.7) Evacuate	3.3 (1.1) Evacuate	3.7 (1.5) Evacuate	4.6 (2.4) Evacuate	5.0 (2.8) Evacuate	5.6 (3.4) Evacuate
33	Turners Beach Road	3.4			2.7 (-0.7) No Action	3.3 (-0.1) Sandbag	3.6 (0.2) Sandbag	4.0 (0.6) Evacuate
35	Turners Beach Road	3.7			2.7 (-1.0) No Action	3.3 (-0.4) Monitor	3.6 (-0.1) Monitor & Sandbag	4.0 (0.3) Evacuate
37	Turners Beach Road	4.4					3.6 (-0.8) No Action	4.0 (-0.4) No Action
63	Turners Beach Road (Level 1)	4.4				3.4 (-1.0) No Action	3.6 (-0.8) No Action	4.1 (-0.3) Monitor
9	Lethborg Avenue	3.9						2.9 (-0.9) No Action
19	Lethborg Avenue	3.7						2.8 (-0.9) No Action
21	Lethborg Avenue	3.6					2.7 (-1.0) No Action	2.8 (-0.8) No Action
22	Lethborg Avenue	3.6					2.6 (-1.0) No Action	2.7 (-0.9) No Action

Property/Asset Location		Building Floor level (m)	Annual Exceedence Probability					
			1-2	1-5	1-10	1-50	1-100	1-200
			4.1m	5.0m	5.7m	7.3m	8.4m	10.0m
24	Lethborg Avenue	3.5				2.4 (-1.1) No Action	2.5 (-1.0) No Action	2.6 (-0.8) No Action
25	Lethborg Avenue	3.8						2.8 (-1.0) No Action
27	Lethborg Avenue	3.6					2.6 (-1.0) No Action	2.7 (-0.9) No Action
30	Lethborg Avenue	2.9	2.1 (-0.8) No Action	2.1 (-0.7) No Action	2.2 (-0.7) No Action	2.3 (-0.6) No Action	2.4 (-0.5) Monitor	2.5 (-0.4) Monitor
31	Lethborg Avenue	3.3				2.4 (-0.9) No Action	2.5 (-0.8) No Action	2.6 (-0.7) No Action
33	Lethborg Avenue	3.4				2.4 (-1.0) No Action	2.5 (-1.0) No Action	2.6 (-0.8) No Action
34	Lethborg Avenue	3.5					2.4 (-1.1) No Action	2.5 (-1.0) No Action
124-126	The Esplanade	4.2				2.4 (-1.8) Monitor*	2.6 (-1.6) Monitor*	2.9 (-1.3) Monitor*
10	Lukin Street	3.5					2.6 (-0.9) No Action	2.9 (-0.6) No Action
15	Lukin Street	3.6					2.6 (-1.0) No Action	2.9 (-0.7) No Action
2	Heather Court	3.1	2.1 (-1.0) No Action	2.1 (-1.0) No Action	2.2 (-0.9) No Action	2.3 (-0.8) No Action	2.3 (-0.7) No Action	2.4 (-0.7) No Action
4	Heather Court	3.1		2.1 (-1.0) No Action	2.2 (-1.0) No Action	2.3 (-0.8) No Action	2.4 (-0.8) No action	2.4 (-0.7) No Action
5	Heather Court	3.4				2.4 (-1.0) No Action	2.4 (-1.0) No Action	2.5 (-0.9) No Action
	Delaney Park Holiday Villas	3.2		2.2 (-1.0) No Action	2.3 (-0.9) No Action	2.4 (-0.7) No Action	2.5 (-0.6) No Action	2.7 (-0.5) Monitor
	Beach Haven Caravan Park	Various 3.0 to 3.4	2.1 (-0.9 to -1.0) No Action	2.1 to 2.2 (-0.9 to -1.0) No Action	2.2 to 2.3 (-0.8 to -1.0) No Action	2.3 to 2.4 (-0.6 to -1.0) No Action	2.4 to 2.5 (-0.6 to -0.9) No Action	2.4 to 2.7 (-0.5 to -1.0) No Action
33-35	Boyes Street	3.1				2.6 (-0.5) No Action	2.7 (-0.4) Monitor	3.0 (-0.1) Sandbag

Table 4 – Roads and Bridges at risk of inundation

Road/Bridge and Locations	AHD Level (m)	Distance (kms from Forth by road)	Annual Exceedence Probability					
			1-2	1-5	1-10	1-50	1-100	1-200
			BOM Flood Gauge River Height Prediction (m)					
			4.1m	5.0m	5.7m	7.3m	8.4m	10.0m
			Predicted Flood Height m (level above(+) /below(-) floor level)					
BRIDGES								
Alma Bridge	34.7	12.2	29.1 (-5.6)	29.2 (-5.5)	29.3 (-5.4)	30.4 (-4.3)	31.2 (-3.6)	32.5 (-2.2)
Paloona Bridge	25.4	10.0	20.5 (-4.9)	21.4 (-4.1)	22.1 (-3.4)	23.7 (-1.8)	24.6 (-0.8)	26.0 (0.6)
Forth Bridge	7.3	0	4.4 (-2.9)	5.2 (-2.1)	5.7 (-1.6)	7.1 (-0.2)	7.8 (0.5)	8.8 (1.5)
Forth Overflow (deck)	6.3	0	4.4 (-1.9)	5.2 (-1.1)	5.7 (-0.6)	7.1 (0.8)	7.8 (1.5)	8.8 (2.5)
Forth Overflow (underside)	6.0	0	4.4 (-1.6)	5.2 (-0.8)	5.7 (-0.3)	7.1 (1.1)	7.8 (1.8)	8.8 (2.8)
Bass Highway Bridge (D/S deck)	5.2	4.0	2.3 (-2.9)	2.5 (-2.7)	2.7 (-2.5)	3.2 (-2.0)	3.5 (-1.7)	3.9 (-1.3)
Bass Highway (D/S underside beam)	3.3	4.0	2.3 (-1.0)	2.5 (-0.8)	2.7 (-0.6)	3.2 (-0.1)	3.5 (0.2)	3.9 (0.6)
Railway Bridge at Turners Beach (rails)	6.3	4.0	2.3 (-4.0)	2.5 (-3.8)	2.7 (-3.6)	3.2 (-3.1)	3.5 (-2.8)	3.9 (-2.4)
Railway Bridge at Turners Beach (underside)	4.0	4.0	2.3 (-1.7)	2.5 (-1.5)	2.7 (-1.3)	3.2 (-0.8)	3.5 (-0.5)	3.9 (-0.1)
ROADS								
Jamiesons Road	32.3	13.0						32.5 (0.2)
Paloona Power Station Road	30.3	12.0				30.8 (0.5)	31.7 (1.4)	32.9 (2.6)
Wilmot Road	30.5	10.2						
Wilmot Road (North of Kindred Creek)	22.5	8.8					21.6 (-0.9)	22.8 (0.3)
Wilmot Road (Near Weir)	7.8	1.3		6.8 (-1.0)	7.4 (-0.4)	9.0 (1.2)	9.7 (1.9)	10.7 (2.9)
Pump Station Road	5.4	1.0	5.3 (-0.1)	6.1 (0.7)	6.7 (1.3)	8.2 (2.8)	8.9 (3.5)	9.9 (4.5)

Road/Bridge and Locations	AHD Level (m)	Distance (kms from Forth by road)	Annual Exceedence Probability					
			1-2	1-5	1-10	1-50	1-100	1-200
			BOM Flood Gauge River Height Prediction (m)					
			4.1m	5.0m	5.7m	7.3m	8.4m	10.0m
			Predicted Flood Height m (level above(+)/below(-) floor level)					
Wilmot Road at Forth Road	7.5	0				6.9 (-0.6)	7.4 (-0.1)	8.1 (0.6)
Leith Road (1km Nth of Bridge)	2.0	1.0	3.6 (1.6)	4.2 (2.2)	4.7 (2.7)	5.8 (3.8)	6.2 (4.2)	6.9 (4.9)
Bass Highway (low point)	3.7	4.5			2.7 (-1.0)	3.2 (-0.5)	3.5 (-0.2)	3.9 (0.2)
Leith Road(low point)	2.0	1.5	2.8 (0.8)	3.3 (1.3)	3.6 (1.6)	4.5 (2.5)	4.9 (2.9)	5.5 (3.5)
Leith Road	2.0	2.3	2.5 (0.5)	2.8 (0.8)	3.1 (1.1)	3.8 (1.8)	4.1 (2.1)	4.6 (2.6)
Turners Beach Road	9.7	3.5						
Turners Beach (west bank)	5.4	3.7						
Leith Road (east bank)	4.4	3.7						

The Forth below Wilmot flood gauge is the main flood warning gauging station for the Forth River valley. The majority of the “pick up” from the Forth River catchment occurs upstream of this gauge. A reading of 0 on the gauge = 16.8m. AHD.

The following data is available for the Forth below Wilmot flood gauge:

Forth below Wilmot flood gauge	1-2 AEP	1-5 AEP	1-10 AEP	1-50 AEP	1-100 AEP	1-200 AEP
River height (metres)	4.1	5.0	5.7	7.3	8.4	10.0
AHD (metres)	20.9	21.8	22.5	24.1	25.2	26.8
Flow (cumecs)	400	550	700	1155	1430	1850
A minor flood level is 4.3m river height A moderate flood level is 5.9m river height A major flood level is 7.9m river height						

Table 5 – Other Public and Lifeline Assets Threatened by Inundation

Asset	Responsible Agency	Location	Comments
Paloona Power Station	Hydro Tasmania	Paloona Power Station Road	Sandbag when BOM Flood Gauge prediction at 11.0 m
Cradle Coast Water Treatment Plant	Cradle Coast Water	Pumping Station Road	Monitor pump stations from 7.3m at Forth below Wilmot Flood Gauge SES & Council to contact and ensure water authority has adequate resources to protect regional water supply See Annexure 4 for contact details
High pressure gas pipeline	Alinta Gas	Crosses under the Forth River and Wilmot Road approximately 1.9 km south of Forth Bridge.	See Annexure 4 for contact details
Reticulated Power Network	Aurora Energy	Throughout valley	See Annexure 4 for contact details
Communications Network	Telstra	Throughout valley	See Annexure 4 for contact details
Recreation Club Rooms & Public Hall	Central Coast Council	680 Forth Road	Clubs to be monitored when BOM Flood Gauge RHP is 4.1 m; Community Hall requires sandbagging from RHP 5.0 at BOM Flood Gauge.
Railway	Pacific National	Adjacent Bass Highway Bridge	No impact anticipated at 1:100 year AEP flood event
Meals on Wheels	Central Coast Council		Service may be interrupted
Mail Delivery	Australia Post		Service may be interrupted
Underground fuel storage tanks	Owners	Forth service station, Forth Road	Spillage/leakage may occur
Sewer settling lagoons/waste water treatment plant	Central Coast Council	Turners Beach	Spillage/leakage may occur
Sewer pump stations	Central Coast Council	Mell Street Forth and Leith Road at Harvest Moon	Not operational
Bass Highway and Forth Road	DIER	Turners Beach and Forth	Forth bridge impacted 1:100 year AEP flood event. Bass Highway impacted 1:200 year AEP flood event. No impact anticipated at 1:100 year AEP flood event.

The flood hydrographs in Figure 1, Figure 2 and Figure 3 below show the duration of floods of given AEPs for the Forth River at Paloona Bridge, the Forth Bridge and Bass Highway Bridge.

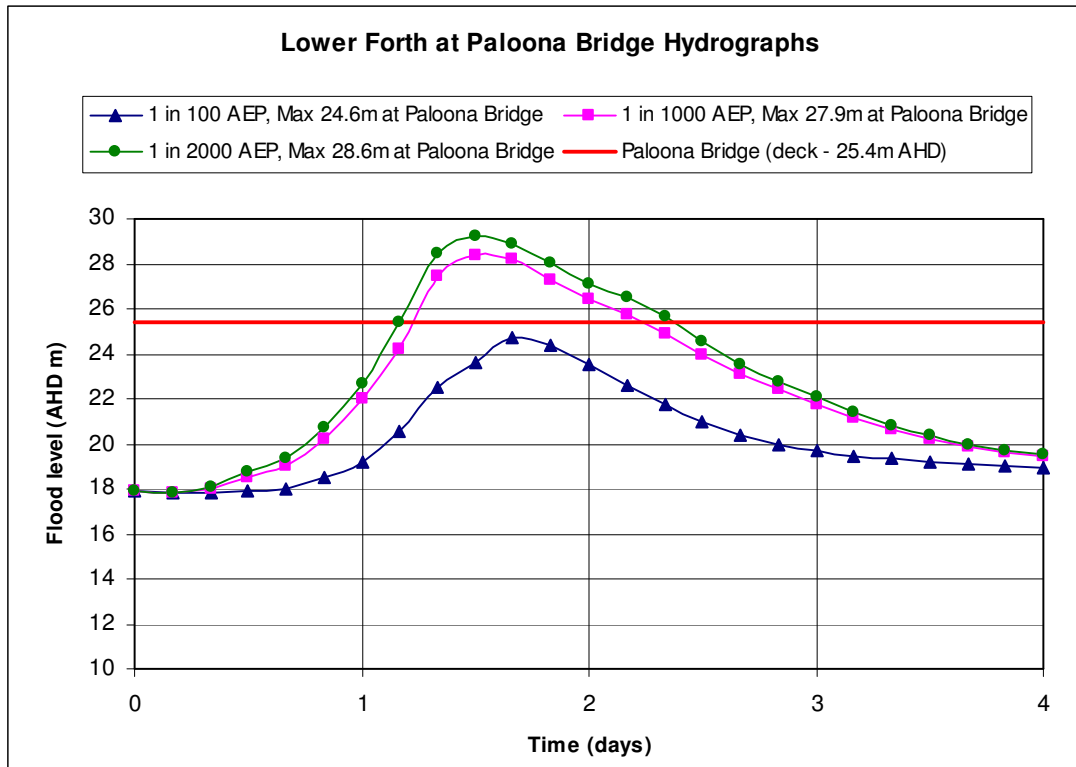


Figure 1 – Flood hydrograph for the Forth River at Paloona Bridge

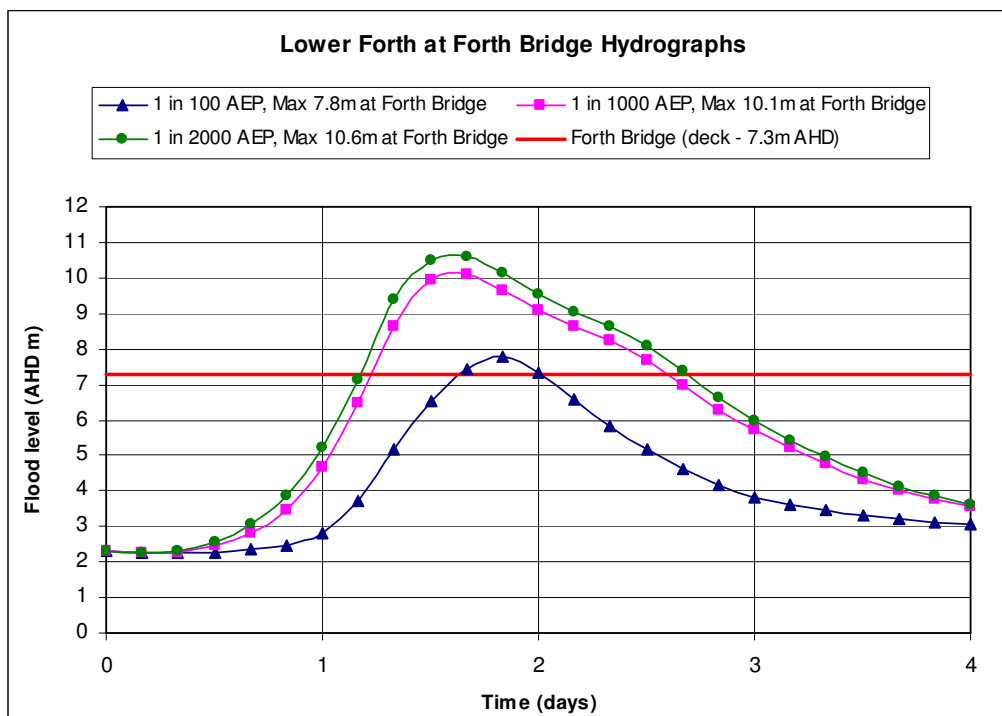


Figure 2 - Flood hydrograph for Forth River at the Forth Bridge

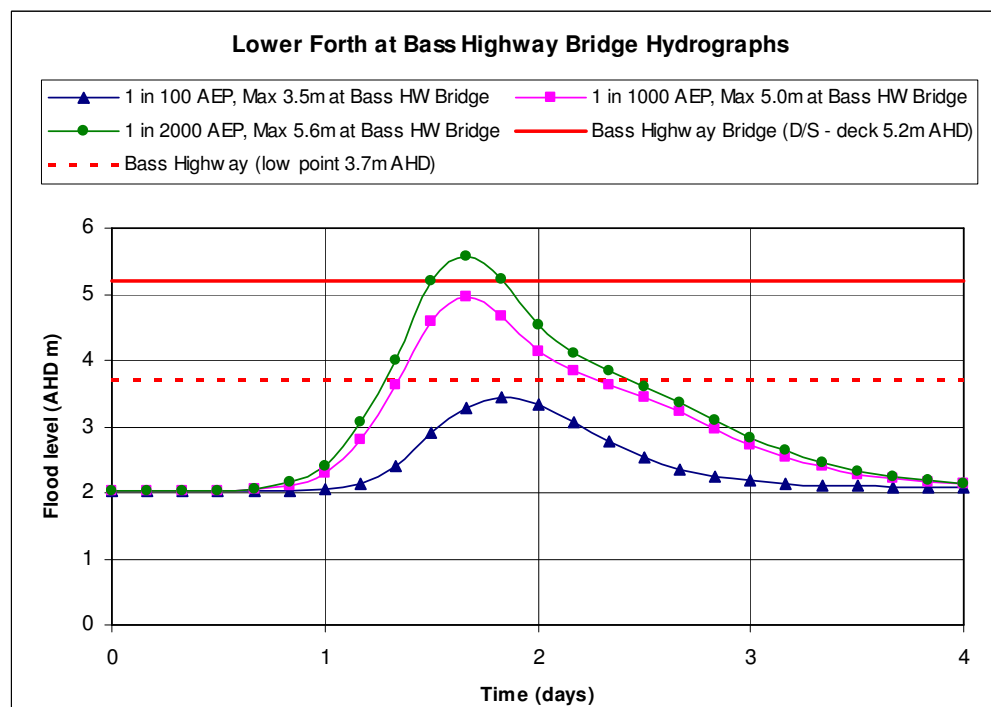
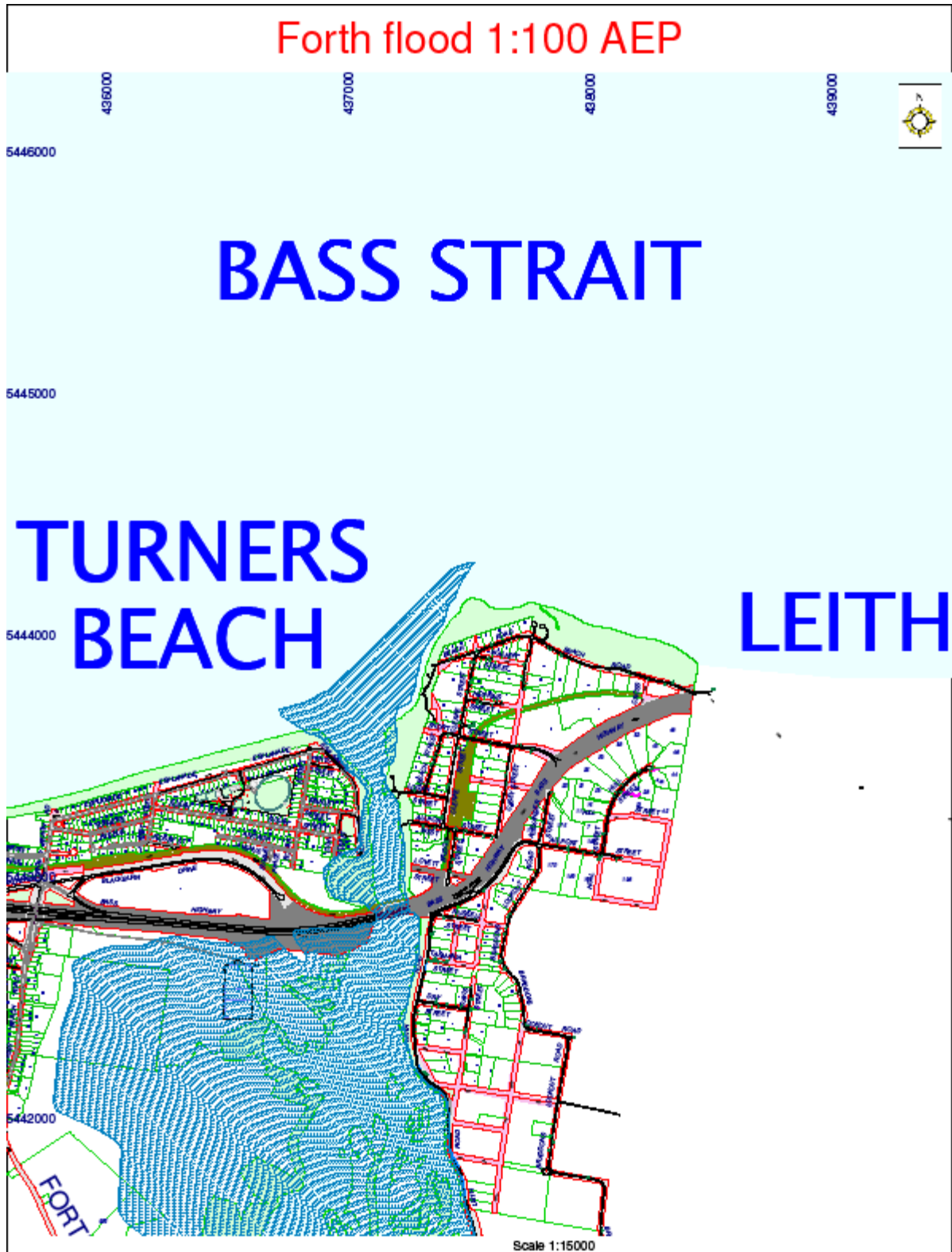


Figure 3 - Flood hydrograph for Forth River at the Bass Highway Bridge

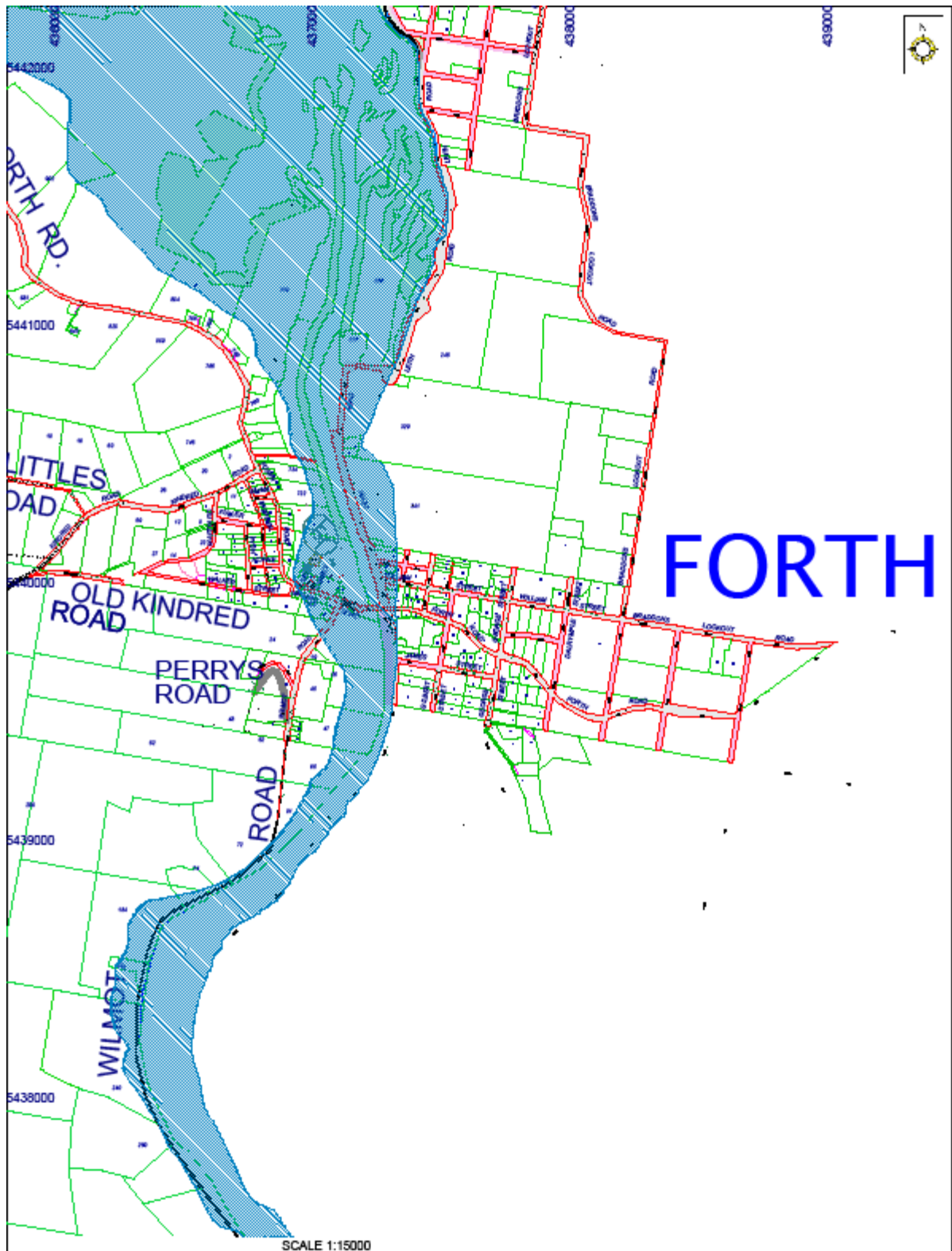


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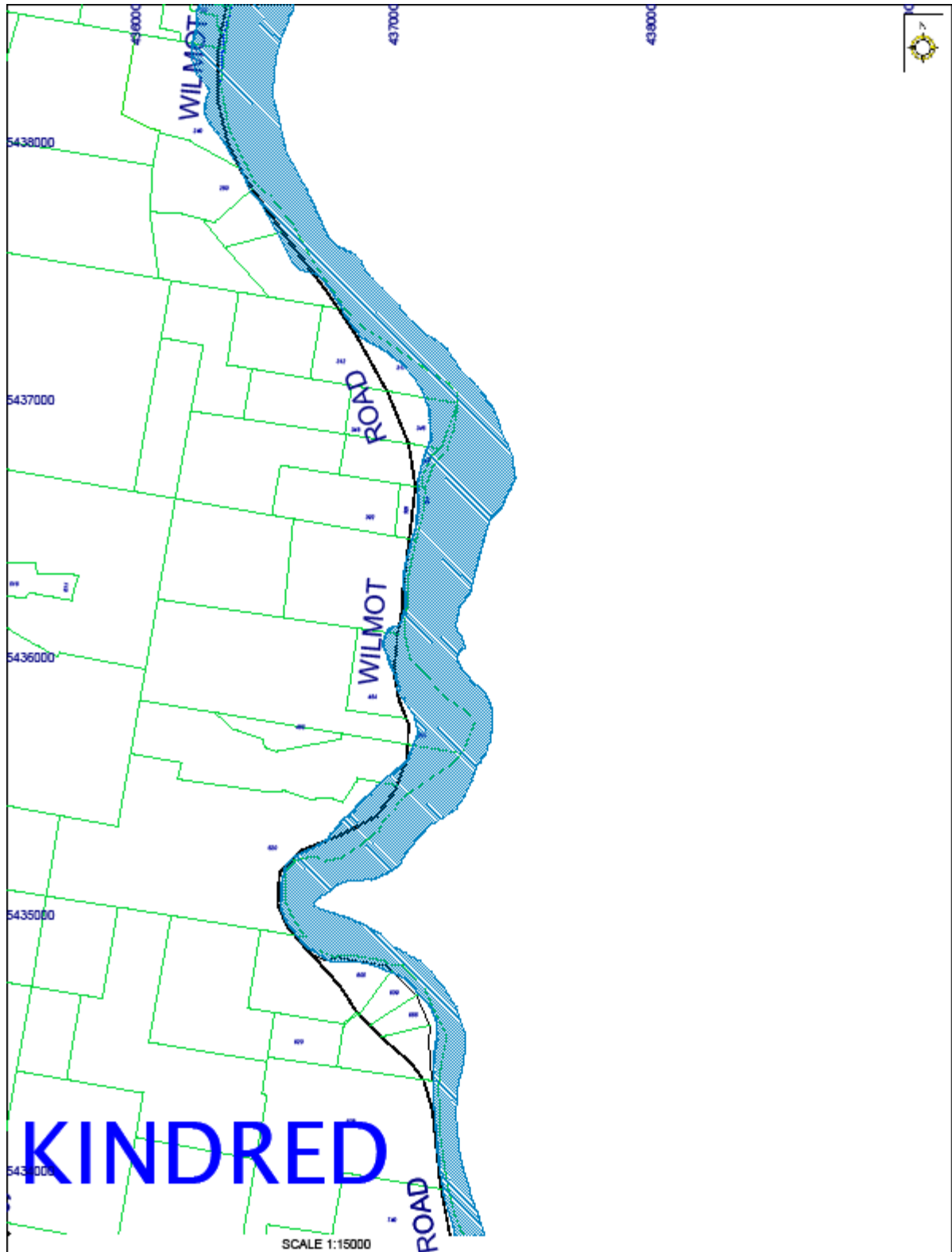


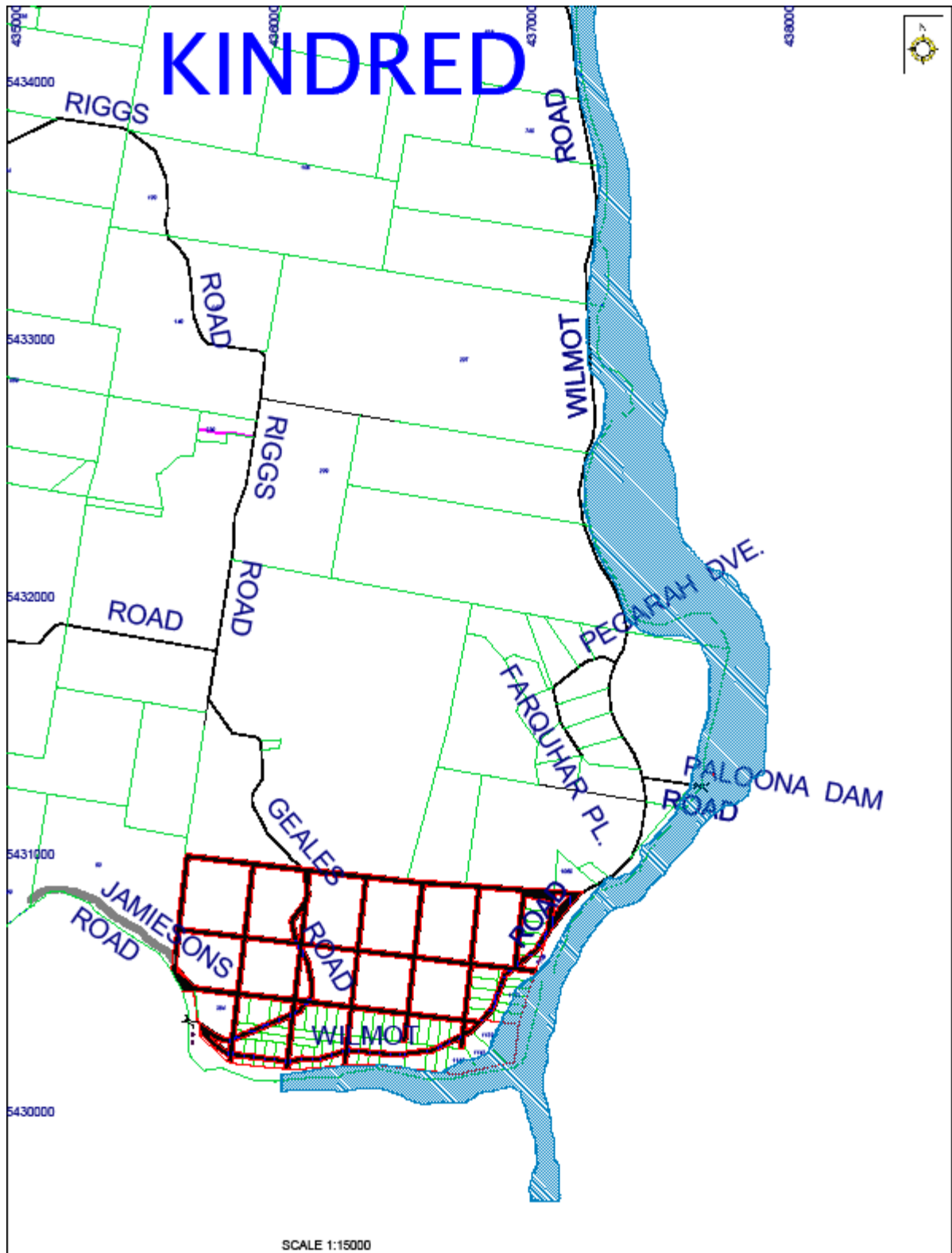
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PART D: RECOVERY MANAGEMENT



6 EMERGENCY RECOVERY

6.1 Recovery Co-ordination

During a flood emergency, the SES (as lead agency) will request the support of the Department of Health and Human Services (DHHS) and local councils to co-ordinate the community recovery effort in accordance with the **North West Region Emergency Recovery Plan**.

If required, an Affected Area Recovery Committee (AARC) may be established under the authority of the State Emergency Management Committee (SEMC) to assist the Council in the long-term recovery. Representation on the ARCC will be individuals and organisational representatives as determined by the SEMC dependent upon the nature of the incident and its location. The Committee will be supported and guided as required by the SEMC. The Mayor shall be elected to chair the Committee.

The AARC may establish a *Personal Services Sub-committee* and a *Restoration Sub-committee*, as required.

The Personal Services Sub-committee will be chaired by the Region Community Recovery Co-ordinator from the DHHS. The Restoration Sub-committee will be chaired by a senior local government technical services manager, preferably an appointment from a local government area not directly affected by the emergency.

6.2 Flood Recovery Checklist

The following list provides a guide to the responsibilities and tasks of the AARC (and its sub-committees):

Personal Services:

- Accommodation (temporary and longer term);
- Appeal management;
- Financial assistance;
- Insurance advice and claims;
- Registration and inquiry;
- Interpreter services; and



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- The establishment of recovery centres that may deal with any or all of the above listed areas.

Restoration:

- Restoration of:
 - Power;
 - water and sewerage services;
 - telephones and communications;
 - postal services;
 - garbage disposal;
 - road and rail repairs;
 - public transport; and
 - community radio and television.
- Damage assessment and categorization;
- Management of the demolition process;
- Provision of temporary services; and
- Maintenance of environmental and workplace standards.

A full list of the roles and responsibilities of the Recovery Committee are provided in the North West Regional Emergency Management Plan.



PART E: PLAN ADMINISTRATION



7 ABOUT THE LOWER FORTH FLOOD RESPONSE AND RECOVERY PLAN

7.1 Authority

The Lower Forth Flood Response and Recovery Plan is a sub-plan of the Central Coast Municipal Emergency Management Plan, declared under the Tasmanian *Emergency Management Act 2006*.

This Flood Response and Recovery Plan supersedes the Lower Forth Flood Evacuation Plan, Rev 0, December 2002. The Lower Forth Flood Evacuation Plan (December 2002) has been updated to be a supporting document for this Plan, and is now known as *Lower Forth River Floods Property Evacuations and Bridge and Road Closures: Technical Reference Document (Rev 1 October 2007)*.

The approving authority will be the Central Coast General Manager, the Central Coast Municipal Emergency Management Co-ordinator and the State Emergency Service Regional Controller.

7.2 Approval

This plan has been approved, and is hereby issued by our authority in accordance with Section 35 of *The Emergency Services Act 2006*.

.....
General Manager
Central Coast Council

.....
Municipal Emergency
Management Co-ordinator
Central Coast Council

.....
Regional Manager
State Emergency Service

Date:

Date:

Date:

Approval is to be notified to the State Controller, in accordance with Section 35 (8) of the *Emergency Management Act 2006*.



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Lower Forth Flood Response and Recovery

7.3 Version History

Date	Version	Description/Amendment
June 2007	1.x (DRAFT)	First Draft Issue of the Forth Response and Recovery Plan
November 2007	Consultation Draft V1	Draft issued for stakeholder and community feedback

7.4 Purpose

To ensure the Councils of Central Coast, Devonport and Kentish are prepared for a flood event within the Lower Forth Valley.

7.5 Scope

The Plan covers the Lower Forth Valley, downstream (North) of the Paloona Dam. Refer to Part C for Maps of the area.

This Plan is automatically activated in response to any flood event in the Lower Forth Valley, and is to be used in conjunction with the Central Coast Emergency Management Plan and any standard operating procedures of the SES, Tasmania Police, Councils and other emergency response organisations.

7.6 Plan Currency and Review

The Plan will be reviewed every two years in conjunction with the Central Coast Emergency Management Plan.

The currency of this Plan will be maintained by the Mersey Region Emergency Management Committee.

7.7 Testing

The Plan will be exercised and evaluated as a part of the annual Central Coast Emergency Management Plan testing regime.



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The Mersey Region Emergency Management Committee will determine the scope of, arrange for, and oversee emergency exercises.

7.8 Associated Plans

The Plan is to be read and/or operated in conjunction with the Plans and Documents listed in Table 6. The Mersey Region Emergency Management Committee will ensure the associated Plans are maintained.

Table 6 – Associated Flood Response Plans

Document or Plan	Owner	Latest Version & Date
Lower Forth River Floods Property Evacuations and Bridge and Road Closures: Technical Reference Document	Central Coast Council	Rev 1; October 2007
Cradle Coast Water Flood Response Procedure	Cradle Coast Water	January 2007
Forth Primary School Emergency Response Plan	Department of Education	tbc
Turners Beach Wastewater Treatment Plant Emergency Response Plan	Central Coast Council	In preparation



ANNEXURE 1: WARNING CONSTRUCTION AND SAMPLE MESSAGE

GUIDELINES FOR CONSTRUCTION OF WARNING MESSAGE

- **The Council will provide assistance to the Lead Agency in constructing the message;**
- Keep messages **brief!** (those broadcast over radio should take no longer than 30 seconds to read, additional material being covered in later messages);
- Keep the content **ordered** (with the most important material first to seize people's attention)!;
- Use clear **language!**

Messages for Flash Flood Situations

In flash flooding environments it is probable that **any** warning messages will need to be constructed beforehand because there will be insufficient time to design them once the rain event has begun. Such messages will have a largely generic content, with reference being made to:

- the rain that has already fallen;
- the potential for further rain, as indicated in weather forecasts;
- the areas of greatest risk (low-lying areas); and
- what people should do to protect their property (by raising it in-situ onto tables, beds and benches, turning off power, water and gas) and preserve their safety (by staying or leaving, as appropriate to the local situation, but recognising the dangers of evacuating through fast-flowing or deep water).

Constructing the Message

The message should **describe the flood**; say **what is happening** currently, **what is expected to happen** and **when it will occur**; and indicate **how people should act**.

For example:

“[Major, Moderate, Minor] flooding, reaching N metres on the Bureau of Meteorology Flood Gauge, (relate this to a feature on the bridge – such as the Forth Bridge deck) is expected by [day], [time].

Houses in A and B streets will be inundated and the Z bridge across the river will be closed from [day], [time]. You will be advised by Tasmania Police or the State Emergency Service if you are required to evacuate.

If advised to evacuate:

- Gather your medicines, personal valuables and papers, money, photo albums and family belongings which you can easily carry;
- Be aware of fallen power lines before turning off the power, gas and isolating your water supply;
- Move to your Council’s evacuation centre.

Evacuation centres have been established at the Central Coast Civic Centre, Sheffield Town Hall and the Devonport Recreation Centre.

Residents are advised to use K and J roads. A, B and C roads have been closed.

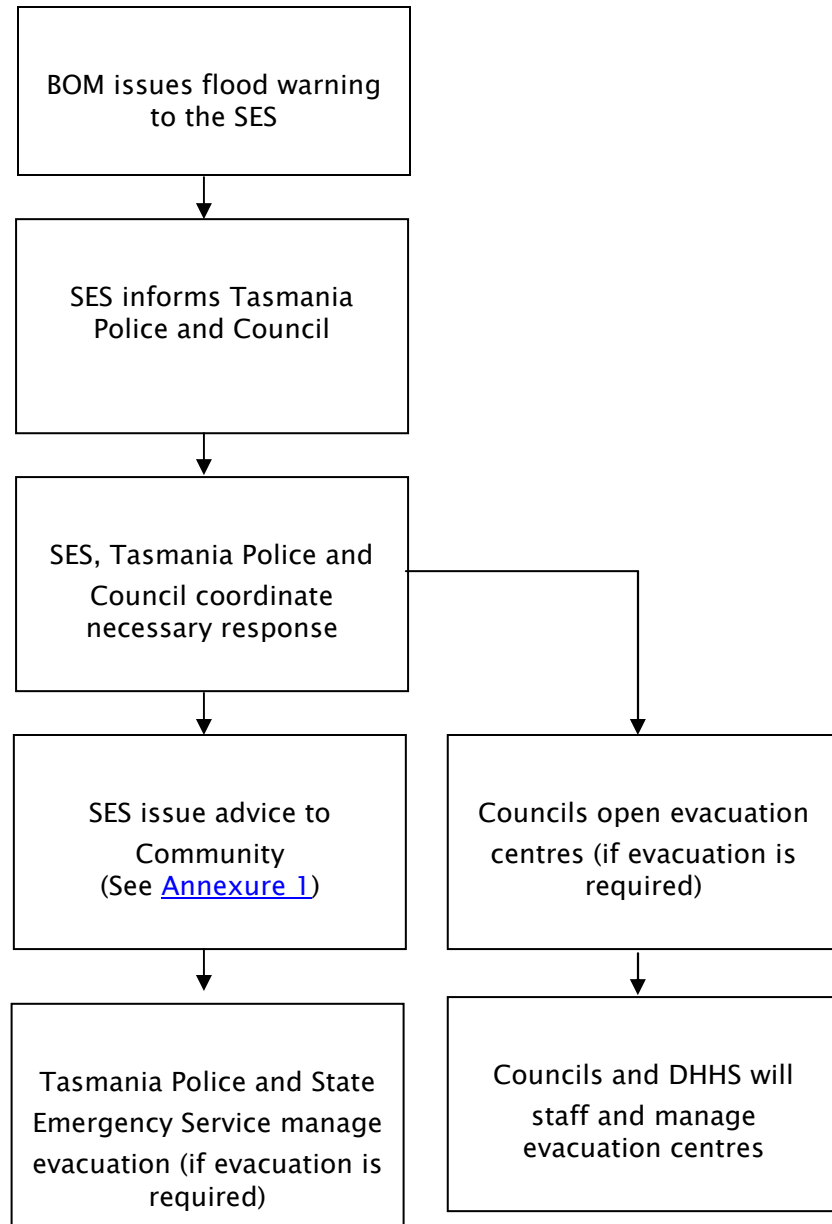
Do not attempt to cross flooded roads or bridges – move to higher ground and wait for assistance.

Further information can be obtained by telephoning the Central Coast Council on 6429 8900.”



ANNEXURE 2: EVACUATION PROCEDURE

Evacuation Procedure



The Bureau of Meteorology has issued a flood warning for the Lower Forth River.

Properties in lower lying areas between Paloona Dam and Turners Beach may be flooded.

Do I need to evacuate?

If you are in an area likely to be inundated or isolated, you will be advised by a member of Tasmania Police or the State Emergency Service of the need to evacuate. Listen to media reports on radio stations for information.

If you need assistance to evacuate please contact the Central Coast Council on tel. 6429 8900.

What should I do before I evacuate?

If you are advised to evacuate immediately:

- Gather your medicines, personal valuables and papers, money, pets, photographic albums and valuables which can be easily carried and transported into your vehicle;
- Turn off the power, gas and water supplies;
- Proceed to your designated Evacuation Centre.

If time permits:

- Remove or relocate all electrical pump motors and portable appliances to an area well above the estimated flood height;
- Check with neighbour/s and ensure they are able to take appropriate action to raise or remove possessions and evacuate;
- Relocate livestock to higher ground.

Designated Evacuation Centres

Central Coast, Devonport and Kentish Council will each establish an Emergency Evacuation Centre. Please refer to the map overleaf to identify a safe route to your Council's Evacuation Centre.

The Centres will be located at:

Central Coast: Ulverstone Civic Centre
King Edward Street
ULVERSTONE

Devonport: Devonport Sports Centre
34 Forbes Street
DEVONPORT

Kentish: Sheffield Civic Centre
66 High Street
SHEFFIELD

Further Information and Assistance

The State Emergency Service is responsible for dealing with floods in Tasmania. During the flood, the SES is responsible for flood information, safety advice, evacuation, rescue and providing essentials to people cut off by flood waters.

For emergency response to a threat to life or property, call the State Emergency Service on 6434 5333 or dial 000.

For general enquiries or further information, please contact the Central Coast Council on 6429 8900 (office hours) or 6429 8999 (after hours emergency only).

Lower Forth Flood Evacuation

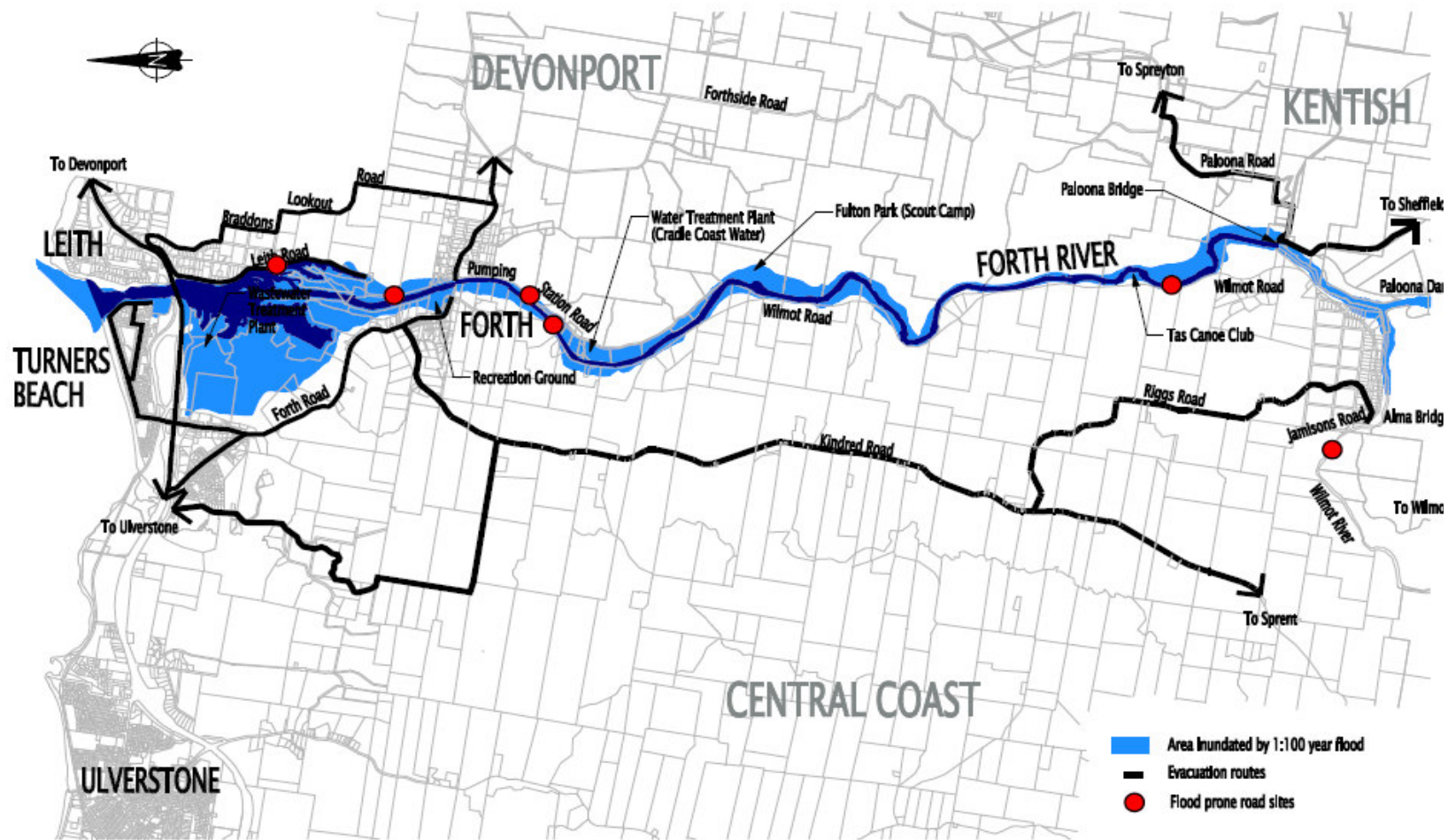
CENTRAL COAST COUNCIL

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Lower Forth Flood Response and Recovery Plan

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ANNEXURE 3: STATE EMERGENCY SERVICE CONTACT LIST

USER NOTE:

THIS CONTACT LIST IS EXTRACTED DIRECTLY FROM THE CENTRAL COAST
EMERGENCY MANAGEMENT PLAN

Annexure 3: Municipal State Emergency Service Unit Contact Details

HEADQUARTERS: 16 Grove Street, Ulverstone 7315

PHONE: (03) 6425 4810 (only when manned)

FAX: (03) 6425 4704

RESCUE VEHICLE: 0428 144 530

NAME	Telephone – After Hours	Telephone – Mobile
David Dowden (Unit Operations Manager)	6425 4444	0418 383 706 (on call phone)
Harold Priest (Assistant Unit Operations Manager)	6425 6576	0417 599 629 (on call phone)

On call phones are SES Phones – 24 hour response



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ANNEXURE 4: GENERAL CONTACT LIST

USER NOTE:

THIS CONTACT LIST IS EXTRACTED DIRECTLY FROM THE CENTRAL COAST
EMERGENCY MANAGEMENT PLAN

Annexure 4: Mersey Region Emergency Management Planning Committee

Mersey Region Executive – Local Government Representatives				
NAME	ORGANISATION/POSITION	CONTACT ADDRESSES	BUSINESS PHONE	AFTER HOURS
Ald Lynn Laycock	Devonport City Council Mayor	PO Box 604, Devonport 7310 44–48 Best Street, Devonport lm1@dcc.tas.gov.au	6424 0511 0400 193 724	6423 1230 0409 193 723
Cr John Perkins	Latrobe Council	PO Box 63, Latrobe 7307 26 Palmers Road, Latrobe jp14@bigpond.net.au John.Perkins@hydro.com.au	6491 2881 0417 320 509	6426 2585
TBA	Devonport City Council Executive Officer – MREMP Local Co-ordinator	PO Box 604, Devonport 7310 44–48 Best Street, Devonport @dcc.tas.gov.au	6424 0551	TBA
Lester Jackson	Devonport City Council Deputy Local Co-ordinator	PO Box 604, Devonport 7310 44–48 Best Street, Devonport laj@dcc.tas.gov.au	6420 7200 0418 143 578	6424 6861
Simone Atkins	Devonport City Council TBA	PO Box 604, Devonport 7310 44–48 Best Street, Devonport sna@dcc.tas.gov.au	6424 0551 0418 142 876	TBA
Greg Marshall	Latrobe Council Local Co-ordinator	PO Box 63, Latrobe 7307 gregm@latrobe.tas.gov.au	6421 4650 0418 122 188	
Peter Dawson	Latrobe Council Deputy Local Co-ordinator	PO Box 63, Latrobe 7307 peterd@latrobe.tas.gov.au	6421 4650 0438 269 378	
Michelle Dutton	Latrobe Council Deputy Recovery Co-ordinator	PO Box 63, Latrobe 7307 michelled@latrobe.tas.gov.au	6421 4650 0400 578 746	6426 1112



Adelle Rist	Latrobe Council Youth Development Officer – Community Recovery	PO Box 63, Latrobe 7307 adeller@latrobe.tas.gov.au	6421 4650	0418 174 101
Mersey Region Executive – Local Government Representatives				
NAME	ORGANISATION/POSITION	CONTACT ADDRESSES	BUSINESS PHONE	AFTER HOURS
Matthew Greskie	Kentish Council Manager Technical Services	PO Box 63, Sheffield 7306 Matthew.greskie@kentish.tas.gov.au	6491 2500 0427 334 531	6424 1468
Darrin Cunningham	Kentish Council Community Recovery Co-ordinator	PO Box 63, Sheffield 7306 Darrin.cunningham@kentish.tas.gov.au	6491 2500	0419 544 779
Cr Tony Muir	Kentish Council	286 Old Paradise Road, Sheffield 7306 tonymuir@tasmail.com	6421 7002	6491 1810
Ald Mike Downie	Central Coast Council Mayor	855 Pine Road, Penguin 7316 mikedownie@bigpond.com		6437 5332 6437 5296 (fax)
Bevin Eberhardt	Central Coast Council Director Assets & Engineering Municipal Emergency Co-ordinator	PO Box 220, Ulverstone 7315 19 King Edward Street, Ulverstone bevin.eberhardt@centralcoast.tas.gov.au	6429 8970	6425 3704 0419 594 907
Ian Hutchinson	Central Coast Council Risk & Safety Co-ordinator Deputy Municipal Emergency Co-ordinator	PO Box 220, Ulverstone 7315 19 King Edward Street, Ulverstone ian.hutchinson@centralcoast.tas.gov.au	6429 8956	0437 127 586
Kerry Gillard	Central Coast Council Recovery Co-ordinator	PO Box 220, Ulverstone 7315 19 King Edward Street, Ulverstone kerry.gillard@centralcoast.tas.gov.au	6429 8927	6425 3033 0439 030 814
Karen Loone	Central Coast Council Deputy Recovery Co-ordinator	PO Box 220, Ulverstone 7315 19 King Edward Street, Ulverstone	6429 8935 0417 011 275	6408 0347 0417 011 275



Executive – Regional Representatives				
NAME	ORGANISATION/POSITION	CONTACT ADDRESSES	BUSINESS PHONE	AFTER HOURS
Insp. Lauchland Avery	Tasmania Police Inspector – Devonport Division	Oldaker Street, Devonport 7310 Lauchland.avery@Police.tas.gov.au	6421 7500	0427 139 858
Norris Hayes	Tasmanian Ambulance Service Supervisor, North West Region	PO Box 3132, South Burnie 7320 2 Strahan Street, Burnie	6434 6972	6431 9011 0419 566 507
John Streets	Tasmania Fire Service District Officer – Burnie/Devonport	PO Box 1015, Burnie 7320 j.streets@fire.tas.gov.au	6434 6700	0409 132 541
Capt Mick Wall	TasPorts Corporation Marine Manager Port Services	Locked Bag 4, George Town 7253 mick.wall@Tasports.com.au	6380 3045 6382 1695 (fax)	0400 085 988
Stephen Douglas	TasPorts Corporation Airport Manager	PO Box 478, Devonport 7310 stephen.douglas@Tasports.com.au	6421 4911	6394 3400 0419 141 183
Rodney Jones	TasPorts Corporation Marine Pilot	PO Box 216, Burnie 7320 Rodney.jones@Tasports.com.au	6434 7300 6434 7373 (fax)	0418 656 630
Toni Brown	Department of Health & Human Services North West Regional Community Recovery Co-ordinator	23 Steele Street, Devonport 7310 toni.brown@dhhs.tas.gov.au	6421 7791 0418 143 131	6428 7788
Anthony Dick	State Emergency Service North West Regional Officer	PO Box 806, Burnie 7320 anthony.dick@ses.tas.gov.au	6434 5334 0429 345 334	6424 8608
Phillip Bird	State Emergency Service Mersey Unit Manager	63 Tugrah Road, Devonport 7310 philip.1.bird@ach.com.au philipbird@bigpond.com	0408 144 081 6491 0111	6423 1724
Wayne Smith	North West Regional Hospital Mersey Campus	Bass Highway, Latrobe 7307 Wayne.smith@dhhs.tas.gov.au	6426 5303	0400 814 342



Executive – Regional Representatives (Proxy Members)				
Ald Maurice Hill	Devonport City Council Deputy Mayor	PO Box 604, Devonport 7310 44–48 Best Street, Devonport		
Bevis Dutton	State Emergency Service North West Regional Manager	PO Box 860, Burnie 7320 bevis.dutton@ses.tas.gov.au	6434 5335	0428 140 767

Committee of the Whole (Incorporating Executive and Proxy Members)				
Gloria King	Centrelink	PO Box 572, Burnie 7320 Cnr Ladbrooke Street/Marine Terrace gloria.king@centrelink.gov.au	6434 4637 6421 4330	6442 3752 0414 952 740
Frank Bingham	RSPCA	Tarleton Road, Spreyton	6427 2566	0418 144 907
Annette Rockliffe	Parakaleo	PO Box 1104, Devonport 7310		6423 3910 0418 320 861
Steve Jones	Aurora Energy	162 Middle Road, Devonport 7310	13 2004 (all hours)	0419 885 874
Stuart Braid	Telstra	PO Box 585, Devonport 7310 stuart.braid@team.telstra.com.au	0427 842 876	6491 1358
Noelene Humphries	Australian Red Cross	16 Alexander Street, Burnie 7320 nhumphries@redcross.org.au	6431 1848	6433 0422 0429 792 215
Officer In Charge	Salvation Army	PO Box 1226, Devonport 7310	6424 2991	6427 0003 6425 6206
Carey McIver	Department of Education	1 Fenton Street, Devonport 7310 PO Box 233, Devonport 7310 Carey.mciver@education.tas.gov.au	6421 7944	



Peter & Helen Stirling	Radio TCT		6427 7566	0428 143 006
Sgt Rockie Lee	Tasmania Police	3 Hamilton Street, Latrobe 7307 rockie.lee@police.tas.gov.au rockijlee@bigpond.com	6426 1021 0427 870 964	6423 1660
Sgt Shane LeFevre	Tasmania Police	Victoria Street, Ulverstone 7315 shane.lefevre@police.tas.gov.au	6429 8606 (all hours)	



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Lower Forth Flood Response and Recovery Plan

ANNEXURE 5: DISTRIBUTION LIST



Organisation	Position/Officer
Central Coast Council	Mayor General Manager Director Assets & Engineering Emergency Management Co-ordinator Deputy Emergency Management Co-ordinator Recovery Co-ordinator Works Group Leader
Kentish Council	Mayor General Manager Technical Services Manager Emergency Management Co-ordinator Deputy Emergency Management Co-ordinator Recovery Co-ordinator Works Supervisor
Devonport Council	Mayor General Manager Manager Engineering Services Emergency Management Co-ordinator Deputy Emergency Management Co-ordinator Recovery Co-ordinator Works Manager
Tasmania Police	Officer in Charge – Ulverstone Regional Controller
Tasmania Fire Service - Ulverstone	Officer in Charge
Tasmania Fire Service - Penguin	Officer in Charge
Parks & Wildlife Service - Ulverstone	Officer in Charge
Forestry Commission – Devonport	Officer in Charge
Tasmanian Ambulance Service - Burnie	Officer in Charge
State Emergency Service (North West)	Regional Officer
State Emergency Service	Director (via Manager Planning)
State Emergency Service (North West Region)	Regional Manager (also Executive Officer of Regional Emergency Management Committee)
Central Coast State Emergency Services Unit	Unit Manager
Emergency Management Australia Institute Library (Macedon Victoria)	Librarian
Department of Health and Human Services	Region Community Recovery Co-ordinator



Organisation	Position/Officer
Bureau of Meteorology	Tasmanian Regional Hydrology Manager
Department of Education	Principal – Forth Primary School
Cradle Coast Water	Chief Executive Officer
Hydro Tasmania – Generation Business	Dam Safety Manager



ANNEXURE 6: ABBREVIATIONS



Abbreviation	Description
AEP	Annual Exceedence Probability
BOM	Bureau of Meteorology
CRC	Community Recovery Committee
DHHS	Department of Health and Human Services
DIER	Department of Infrastructure, Energy and Resources
DPIW	Department of Primary Industries and Water
MEMP	Municipal Emergency Management Plan
Municipal Co-ordinator	The Municipal Emergency Management Co-ordinator
RHP	River Height Prediction
SES	State Emergency Service
SEMC	State Emergency Management Committee