



---

Maryborough District Disaster  
Management Group

# **Maryborough District Disaster Management Plan 2011**

**PUBLIC COPY**

# Foreword

---

The Maryborough Disaster District stretches from the east coast of Fraser Island to the Great Divide in the west. Maryborough and Hervey Bay are the major cities in the area, although there are a number of smaller towns and communities in the district. Each of these communities is vulnerable to a variety of natural and non natural hazards.

The Maryborough District Disaster Management Plan outlines the disaster management system, specifies roles and responsibilities, and provides a framework for a co-ordinated response to managing and reducing the impact of potential disasters.

The plan identifies potential hazards, and concentrates on the prevention, preparation, response and recovery to any hazard. It is designed to enhance the resilience of our community and minimise the adverse consequences of any event.

This is a dynamic, risk based plan which can be amended to reflect changes in legislation and learning's from natural disasters elsewhere in the country.

**Mark Stiles**

**District Disaster Co-ordinator**

**Maryborough District.**

# Endorsement

---

The preparation of this district disaster management plan has been undertaken in accordance with the *Disaster Management Act 2003 (DM Act)*, to provide for effective disaster management in the district.

The plan is endorsed for distribution by the District Disaster Management Group.

Superintendent Mark STILES  
District Disaster Coordinator  
Maryborough District Disaster Management Group

Date: ..... November 2011.

# Contents

---

<b>Foreword</b> .....	2
<b>Endorsement</b> .....	2
<b>Contents</b> .....	3-4
<b>Document Control</b> .....	5
Amendment Control .....	5
Amendment Register .....	5
Distribution .....	5
<b>Definitions</b> .....	6-8
<b>Abbreviations and Acronyms</b> .....	9
<b>Administration and Governance</b> .....	10
Authority to Plan.....	10
Purpose.....	10
Objectives .....	10
Strategic Policy Framework.....	10
Scope.....	11
Disaster Management Priorities.....	11
Review and Renew Plan.....	11
Review of Local Disaster Management Arrangements.....	11
<b>District Disaster Management Group</b> .....	12
Establishment .....	12
Membership .....	12
Functional and Supporting Committees .....	12
Roles and Responsibilities.....	13-16
Meetings .....	16
Reporting.....	16
<b>Disaster Risk Assessment</b> .....	17
Community Context.....	17-19
Hazards.....	19
Risk Assessment.....	20
Risk Treatment.....	20-21
<b>Capacity Building</b> .....	22
Community Awareness .....	22
Training .....	22
Exercises.....	22-23
Post Disaster Assessment .....	24
<b>Response Strategy</b> .....	25
Warning Notification and Dissemination .....	25-26
Activation .....	27
District Disaster Coordination Centre.....	27
Concept of Operations for Response.....	27

Operational Reporting.....	27-28
Financial Management.....	28
Disaster Financial Assistance Arrangements.....	28-29
Media Management.....	29
Accessing Support & Allocation of Resources.....	29-30
Disaster Declaration.....	30
Resupply.....	30-31
Functional Plans .....	31
Hazard Specific Arrangements .....	31
<b>Recovery Strategy .....</b>	<b>32</b>
Scope.....	32
Functions of Recovery.....	32-34
Parameters and Constraints .....	34-35
Operational and Action Plans.....	35-36
<b>Annexure Index .....</b>	<b>37</b>
A: Distribution List .....	38
B: Maryborough District Disaster Management Group Contact List .....	39-42
C: Maryborough District Hazards Identification.....	43-45
Maryborough District Risk Register .....	46-73
.....Maryborough District Risk Analysis .....	74-103
.....Maryborough District Risk Evaluation .....	104-108
D: Maryborough District Risk Treatment Plan.....	109
E: District Levels of Activation for Response Arrangements .....	110
F: Reporting Requirements .....	111
G: DDMP Legislative Checklist.....	112
H: Critical Infrastructure, Essential Services, Hazardous Sites.....	113-115
<b>Appendices List .....</b>	<b>116-117</b>



# Definitions

Advisor	A person invited to participate in the business of the DDMG in an advisory capacity on an as-needed basis.
Chair	The person appointed by the Commissioner, Queensland Police Service as the Chair of the DDMG. The Chair of the group is the District Disaster Coordinator.
Coordination	The bringing together of organisations to ensure effective disaster management before, during and after an event. It is primarily concerned with systematic acquisition and application of resources (people, material, equipment, etc) in accordance with priorities set by disaster management groups. Coordination operations horizontally across organisations and agencies.
Deputy Chair	The person appointed by the Commissioner, Queensland Police Service as the Deputy Chair of the DDMG.
Disaster	A serious disruption in a community, caused by the impact of an event, that requires a significant coordinated response by the State and other entities to help the community recover from the disruption. ( <i>Disaster Management Act 2003</i> )
Disaster District	Part of the state prescribed under a regulation as a disaster district.
Disaster Management	Arrangements about managing the potential adverse effect of an event, including, for example, arrangements for mitigating, preventing, preparing for, responding to and recovering from a disaster. ( <i>Disaster Management Act 2003</i> )
Disaster mitigation	The taking of preventative measures to reduce the likelihood of an event occurring or, if an event occurs, to reduce the severity of the event. ( <i>Disaster Management Act 2003</i> )
Disaster operations	Activities undertaken before, during or after an event happens to help reduce loss of human life, illness or injury to humans, property loss or damage, or damage to the environment, including, for example, activities to mitigate the adverse effects of the event. ( <i>Disaster Management Act 2003</i> )
Disaster response	The taking of appropriate measures to respond to an event, including action taken and measures planned in anticipation of, during, and immediately after an event to ensure that its effects are minimised and that persons affected by the event are given immediate relief and support. ( <i>Disaster Management Act 2003</i> )
Disaster response operations	The phase of disaster operations that relates to responding to a disaster. ( <i>Disaster Management Act 2003</i> )
Disaster recovery operations	The phase of disaster operations that relates to recovering from a disaster. ( <i>Disaster Management Act 2003</i> )
Disaster risk assessment	The process used to determine risk management priorities by evaluating and comparing the level of risk against predetermined standards, target risk levels or other criteria. ( <i>COAG, Natural Disasters in Australia: Reforming mitigation, relief and recovery arrangements: 2002</i> )
Disaster District Coordinator	A person appointed under the <i>Disaster Management Act 2003</i> who is responsible for the coordination of disaster operations in the disaster district for the District Disaster Management Group.
District Disaster Management Group	The group established in accordance with s22 of the Act to provide coordinated State Government support and resources to LDMGs on behalf of local governments.

District Disaster Management Plan	A plan prepared in accordance with s53 of the Act, that documents planning and resource management to counter the effects of a disaster within the disaster district.
Event	(1) Any of the following: <ul style="list-style-type: none"> <li>a. a cyclone, earthquake, flood, storm, storm tide, tornado, tsunami, volcanic eruption or other natural happening</li> <li>b. an explosion or fire, a chemical, fuel or oil spill, or a gas leak</li> <li>c. an infestation, plague or epidemic (<i>example of an epidemic – a prevalence of foot-and-mouth disease</i>)</li> <li>d. a failure of, or disruption to, an essential service or infrastructure</li> <li>e. an attack against the state</li> <li>f. another event similar to an event mentioned in (a) to (e).</li> </ul> (2) An event may be natural or caused by human acts or omissions. ( <i>Disaster Management Act 2003</i> )
Executive Officer DDMG	A Police officer appointed to the position of Executive Officer to the district group by the Commissioner, Queensland Police Service.
Executive Team	The Chair, Deputy Chair and Executive Officer.
Extraordinary Meeting	A meeting convened by the Chair in response to an operational event both inside and outside the disaster district.
Functional Lead Agency	An agency allocated responsibility to prepare for and provide a disaster management function and lead relevant organisations that provide a supporting role.
Guidelines	Guidelines are developed under s63 of the Act to inform the SDMG, DDMGs and local governments about the preparation of disaster management plans, matters to be included in disaster management plans and other appropriate matters about the operation of a DDMG or LDMG.
Hazard	A source of potential harm, or a situation with a potential to cause loss. ( <i>Emergency Management Australia, 2004</i> )
Local Disaster Coordinator	A person appointed under the Act who is responsible for the coordination of disaster operations for the LDMG.
Local Disaster Management Group	The group established in accordance with s29 of the Act to support the disaster management and operational activities of local governments.
Local Disaster Management Plan	A plan that documents agreed arrangements that are in place to deal with disaster events within the local government's area of responsibility.
Member	A person officially appointed as a member of the DDMG. Members have voting rights to validate the business of the group.
Ordinary Meeting	A DDMG meeting which is scheduled and convened on a regular basis at an agreed time (set by the Chair) to discuss routine business of the group.
Post-disaster Assessment	Addresses performance during and the risks revealed by a disaster event in order to improve future development of mitigation measures. Post-disaster assessment forms part of continuous improvement of the whole system. ( <i>Adapted from COAG, Natural Disasters in Australia: Reforming mitigation, relief and recovery arrangements: 2002</i> )
Primary Agency	An agency allocated responsibility to prepare for and respond to a specific hazard based on their legislated and/or technical capability and authority.

Queensland disaster management arrangements	Whole-of-government arrangements to ensure the collaborative and effective coordination of planning, services, information and resources for comprehensive disaster management.
Recovery	The taking of preventative measures to recover from an event, including action taken to support disaster-affected communities in the reconstruction of infrastructure, the restoration of emotional, social, economic and physical wellbeing, and the restoration of the environment. (Disaster Management Act 2003)
Relief	The provision of immediate shelter, life support and human needs of persons affected by, or responding to, an emergency.
Residual Risk	The risk remaining after risk treatment. Residual risk can contain unidentified risk. Residual risk can also be known as 'retained risk'. ( <i>ISO Guide 73:2009 Risk management – Vocabulary</i> )
Risk	The effect of uncertainty on objectives. ( <i>ISO Guide 73:2009 Risk management – Vocabulary</i> )
Risk Management	Coordinated activities to direct and control a community or organisation with regard to risk. (Adapted from <i>ISO Guide 73:2009 Risk management – Vocabulary</i> )
Risk Register	A listing of risk statements describing sources of risk and elements at risk with assigned consequences, likelihoods and levels of risk.
Risk Treatment	Process of selection and implementation of measures to modify risk. ( <i>National Emergency Risk Assessment Guidelines</i> )
Serious Disruption	Serious disruption means: (a) loss of human life, or illness or injury to humans; or (b) widespread or severe property loss or damage; or (c) widespread or severe damage to the environment. ( <i>Disaster Management Act 2003</i> )
State Disaster Coordinator	A person appointed under the Act who is responsible for the coordination of disaster response operations for the SDMG.
State Recovery Coordinator	A person appointed under the Disaster Management Act 2003 who is responsible for the coordination of disaster recovery operations for the State Disaster Management Group.
State Disaster Management Plan	A planning tool for disaster managers which provides an overview of Queensland's disaster management arrangements, including agency roles and responsibilities.
State Recovery Coordinator	A person appointed under the Act who is responsible for the coordination of disaster recovery operations for the SDMG.
Temporary District Disaster Management Group	A DDMG established under the Act by the SDMG Chair, in consultation with the Commissioner, Queensland Police Service, as a temporary district group to manage a disaster across two or more affected disaster districts.

# Abbreviations and Acronyms

---

DDC	District Disaster Coordinator
DDCC	District Disaster Coordination Centre
DDMG	District Disaster Management Group
DDMP	District Disaster Management Plan
EMQ	Emergency Management Queensland
FCRC	Fraser Coast Regional Council
LDC	Local Disaster Coordinator
LDCC	Local Disaster Coordination Centre
LDMG	Local Disaster Management Group
LDMP	Local Disaster Management Plan
NDRRA	Natural Disaster Relief and Recovery Arrangements
NGO	Non-Government Organisation
QDMA	Queensland disaster management arrangements
QPS	Queensland Police Service
SDC	State Disaster Coordinator
SDCC	State Disaster Coordination Centre
SDCG	State Disaster Coordination Group
SDMG	State Disaster Management Group
SDMP	State Disaster Management Plan
SDRA	State Disaster Relief Arrangements
SITREP	Situation Report
SOP	Standard Operating Procedure
SPF	<i>Disaster Management Strategic Policy Framework</i>
the Act	<i>Disaster Management Act 2003</i>
the Minister	Minister for Police, Corrective Services and Emergency Services
XO	Executive Officer

# Administration and Governance

---

## Authority to Plan

The Maryborough District Disaster Management Plan is prepared under the provisions of s53 of the Act.

## Purpose

This plan details the arrangements within the Maryborough Disaster District to provide whole-of-government planning and coordination capability to support local governments in disaster management and disaster operations.

## Objectives

The objective of the Maryborough District Disaster Management Plan is to facilitate the implementation of effective and efficient disaster management strategies and arrangements in accordance with s53 of the Act, including:

- the development, review and assessment of effective disaster management for the district including arrangements for mitigating, preventing, preparing for, responding to and recovering from a disaster;
- compliance with the State Disaster Management Group's (SDMG) *Strategic Policy Framework* ; the State Disaster Management Plan; the *District Disaster Management Guidelines*; and any other Guidelines relevant to district level disaster management and disaster operations.
- the development, implementation and monitoring of priorities for disaster management for the district.

## Strategic Policy Framework

Disaster management and disaster operations in the Maryborough District are consistent with the *Disaster Management Strategic Policy Framework*. This is achieved by:

- ensuring a comprehensive, all hazards, all agencies approach by achieving the right balance of prevention, preparedness, response and recovery;
- supporting the mainstreaming of disaster preparedness and mitigation into relevant areas of activity of government, non-government, small business and corporations;
- aligning disaster risk reduction, disaster mitigation, disaster resilience and climate change adaptation policy and actions with international and national reforms;
- promoting a transparent, systematic and consistent approach to disaster risk assessment and management, based on the ***National Emergency Risk Assessment Guidelines and the Australian/New Zealand Standard AS/NZS ISO 31000:2009 Risk management – Principles and guidelines***;
- recognising the commitment of stakeholders and the need for collaboration across all levels of government, community, industry, commerce, government owned corporations, private and volunteer organisations, and local communities in all aspects of disaster management;
- emphasising building and maintaining sincere relationships, trust, teamwork, consultative decision-making and shared responsibilities among stakeholders; and
- promoting community resilience and economic sustainability through disaster risk reduction.

## Scope

This plan details the arrangements necessary to undertake disaster management within the Maryborough Disaster District. This includes the local government area of **Fraser Coast Regional Council**



## Disaster Management Priorities

- Situational awareness of existing and emerging risks within the district;
- Development and monitoring of risk assessments;
- Identification and implementation of mitigation measures by relevant response agency;
- Development and review of the DDMP;
- Ensuring functional plans of response agencies & LDMG are commensurate with the identified risk;
- Development & implementation of community awareness, training and exercise programs addressing the assessment of district capability;
- Review and assessment of local disaster management arrangements and plans;
- Develop DDMG Annual Operational Plan in July each year identifying priorities, goals, strategies and activities, performance targets and responsibilities.
- Confirm & monitor implementation of Annual Operational Plan at quarterly meetings.
- Fostering of relationships with disaster management stakeholders across government, industry and community.

## Review and Renew Plan

In accordance with section 55 of the Act the District Disaster Management Plan shall be reviewed annually by the Planning Committee as follows:

- April-July Planning Committee reviews DDMP;
- September Draft amendments submitted to DDMG for approval;
- October Amendments distributed to all stakeholders

## Review of Local Disaster Management Arrangements

In accordance with s23 of the Act the Fraser Coast LDMP will be reviewed and assessed by the group on a regular basis. It will be the responsibility of the XO and EMQ representative to ensure the LDMP is reviewed and assessed annually in accordance with the Interim Review & Assessment Workbook for District Reviews of Local Disaster Management Plans.

- July XO and EMQ representative review Fraser Coast LDMP

# District Disaster Management Group

## Establishment

The Maryborough DDMG has been established for the Maryborough Disaster District in accordance with s22 of the Act

## Membership

In accordance with s24 of the Act membership of the Maryborough DDMG will include;

- Chair – District Disaster Coordinator (DDC) as per s25(1)(a) of the Act.
- Deputy Chair – Deputy DDC as per s25(1)(b) of the Act.
- Executive Officer (XO) as per s27 of the Act..
- Representatives from Fraser Coast Regional Council.
- Representatives from relevant State government agencies.
- Any other person, appointed by the Chief Executive of the Department of Community Safety, considered appropriate to be a member of the DDMG.

A DDMG contact list is included in Annexure B.

Current contact list has been provided to the SDMG in the 2010/2011 Annual Report.

## Functional and Supporting Committees

Function	Functional Lead Agency
Building and Engineering Services	Department of Public Works
Communications Services	Department of Public Works
Electricity, Fuel and Gas Supply	Department of Employment, Economic Development and Innovation
Emergency Supply	Department of Public Works
Health Services	Queensland Health
Public Information	Department of the Premier and Cabinet
Transport Systems	Department of Transport and Main Roads
Warnings	Department of Community Safety
Economic Recovery	Department of Employment, Economic Development and Innovation
Environmental Recovery	Department of Environment and Resource Management
Human-social Recovery	Department of Communities

## Roles and Responsibilities

Organisation	DDMG Position	Responsibilities
<b>Queensland Police Service</b>	<b>Chair DDC</b>  <b>Deputy DDC</b>  <b>XO</b>	<b>Primary Agency responsible for terrorism</b> Provide leadership and strategic direction to the DDMG Preserve peace and good order Prevent crime Maintain any site as a possible crime scene Provide a Disaster Victim Identification capability Conduct traffic control, including assistance with road closures and maintenance of road blocks Coordinate evacuation operations Lead and coordinate search and rescue operations Manage the registration of evacuees and associated inquiries in conjunction with the Australian Red Cross Provide security for damaged or evacuated premises Respond to and investigate traffic, rail, air and terrorist incidents
<b>Queensland Fire and Rescue Service</b>	<b>Member</b>	<b>Primary agency for bushfire</b> <b>Primary agency for chemical / hazardous materials (HAZMAT) related incidents</b> Provide control, management and pre-incident planning of fires (structural, landscape and transportation) Provide rescue capability for persons trapped in any vehicle, vessel, by height or in any confined space Rescue of persons isolated or trapped in swift water floodwater events Provide advice, chemical analysis and atmospheric monitoring at chemical/HAZMAT incidents Provide mass and technical decontamination capabilities under State Biological Disaster and State Radiological Disaster Response Provide Urban Search & Rescue (USAR) capability for building collapse events Support the Qld Hazardous Materials Incident Recovery Plan Support the Qld Coastal Contingency Action Plan – Chemical Spill Response Plan (a supporting plan of the National Marine Chemical Spill Contingency Plan and National Marine Oil Spill Contingency Plan)
<b>Queensland Ambulance Service</b>	<b>Member</b>	Provide, operate and maintain ambulance services Access, assess, treat and transport sick and/or injured persons Protect persons from injury or death, during rescue and other related activities Coordinate all volunteer first aid groups during for major emergencies and disasters Provide and support temporary health infrastructure as required Participate in search and rescue, evacuation and victim reception-operations Participate in Health Facility evacuations Collaborate with Queensland Health in mass casualty management systems Provide Disaster, Urban Search and Rescue (USAR), Chemical Hazard (Hazmat), Biological and Radiological operations support with specialist logistics and specialist paramedics

<p><b>Queensland Health</b></p>	<p><b>Member</b></p>	<p><b>Functional lead agency for health services</b>  <b>Primary agency for Pandemic Influenza, Biological and Radiological incidents</b></p> <p>Protect and promote health in accordance with Health Services Act 1991 and Public Health Act 2005</p> <p>Provide Clinical and Forensic services support for disaster response and recovery</p> <p>Provide human-social support for response and recovery</p> <p>Provide appropriate pre-hospital on-site medical and health support</p> <p>Ensure a whole-of-health emergency incident management capability to prevent, respond to, and recover from any event</p> <p>Provide appropriate public and community health risk and preventative measures information</p> <p>Provide health emergency incident information for media communications</p>
<p><b>Emergency Management Queensland</b></p>	<p><b>Member</b></p>	<p><b>Functional lead agency for warnings</b> as an agency within the Department of Community Safety</p> <p>Advise, review, assess and report on the effectiveness of district and local plans</p> <p>Ensure that disaster management and disaster operations within the district are consistent with the State's policy framework, plans, and guidelines</p> <p>Provide training in accordance with Qld DM Training Framework to ensure that persons performing functions under the Act in relation to disaster operations are appropriately trained</p> <p>Provide advice and support to the DDMG and LDMG in relation to disaster management and disaster operations</p> <p>Coordinate reception operations</p> <p>Administer NDRRA relief measures.</p> <p>Perform the following responsibilities in support of disaster operations:</p> <p>Develop, maintain, monitor and continuously improve the district's and LDMG's disaster management arrangements and systems</p> <p>Manage resupply operations responsibly and in accordance with Resupply Guidelines</p> <p>Coordinate, support and manage the deployment of State Emergency Service resources</p> <p>Support the deployment of Queensland Corrective Services resources</p>
<p><b>Department of Transport and Main Roads</b></p>	<p><b>Member</b></p>	<p><b>Functional lead agency for transport systems</b>  <b>Primary agency for sea pollution where it impacts, or is likely to impact, on Queensland Coastal Waters</b></p> <p><b>Functional Lead Agency for Infrastructure Recovery (Roads &amp; Transport)</b></p> <p>Provide timely &amp; accurate information and advice on the impact of disruptive events on road, rail, aviation and maritime infrastructure as it affects the transport system</p> <p>Enable an accessible transport system through reinstating road, rail and maritime infrastructure</p> <p>Assist with the safe movement of people as a result of</p>

		<p>mass evacuation of a disaster affected community</p> <p>Ensure the capability of logistics related industries are appropriately applied to disaster response and recovery activities</p>
<p><b>Department of Public Works</b></p>	<p><b>Member</b></p>	<p><b>Functional lead agency for emergency supply</b></p> <p><b>Functional lead agency for communications services</b></p> <p><b>Functional lead agency for building and engineering services</b></p> <p><b>Functional lead Agency for Infrastructure Recovery (building recovery)</b></p> <p>Coordinate the logistics support framework</p> <p>Assist agencies source disaster response-related (emergency) supplies and equipment</p> <p>Provide support to establish strategic coordination/command and other response related built infrastructure through access to specialist building services, vehicle hire solutions and temporary voice/data communications</p> <p>Provide public works-related professional services, trade staff, post disaster damage inspection, building repairs and technical support to disaster response and recovery</p> <p>Provide temporary/portable accommodation and alternative building accommodation solutions for disaster response and recovery</p> <p>Provide technical advice on structural/services suitability of buildings for use as community evacuation centres and new cyclone shelters</p>
<p><b>Department of Environment and Resource Management</b></p>	<p><b>Member</b></p>	<p><b>Functional lead agency for environmental recovery</b></p> <p>Provide oiled wildlife response, traditional owner liaison, environmental and shoreline assessments and waste management advice and approvals for ship-sourced pollution at sea</p> <p>Lead fire fighting on state owned and managed land where there is no threat to life or property</p> <p>Provide geographical information for data sets that are owned and managed by DERM</p> <p>Provide stream height, storm tide and wave height information and expertise, including projections</p> <p>Provide information and expert advice with respect to controlled dam locations, safety and integrity</p> <p>Provide expert advice in pollution incidents</p> <p>Assist in flood planning, management and study</p> <p>Provide for the safety of National Parks users including issuing warnings in extreme conditions, closing areas where necessary and coordinating evacuations with QPS</p> <p>Administer NDRRA relief measures</p>
<p><b>Department of Employment, Economic Development and Innovation</b></p>	<p><b>Member</b></p>	<p><b>Functional lead agency for economic recovery</b></p> <p><b>Functional lead agency for electricity, fuel and gas supply</b></p> <p><b>Primary agency for the containment and eradication of exotic animal and plant diseases</b></p> <p>Coordinate efforts to prevent, respond to, and recover from pests, diseases, livestock welfare, business interruption, tourism shocks and impacts on mining and energy infrastructure</p> <p>Provide advice relative to stock</p>

		Coordinate destruction of stock or crops as required Assist business and industry in business resilience and recovery strategies Administer NDRRA relief measures
<b>Department of Communities</b>	<b>Member</b>	<b>Functional lead agency for human-social recovery</b> Coordinate provision of human-social recovery services during recovery operations in partnership with local, State, federal and non-government agencies Work with affected individuals and communities to support their own recovery activities Maintain linkages with local, State, federal and non-government agencies and committees Maintain a register of State government officers available to assist in human-social recovery when required Administer SDRA and NDRRA relief measures

## Meetings

The DDMG will meet quarterly. Meetings will also be held more regularly at the onset of any identified seasonal threat e.g. the cyclone season. Unless otherwise advised, meetings will be held at the **QBUILD Conference Room, 44 Ariadne Street, Maryborough.**

## Reporting

### Normal business:

The DDC is to ensure the district group prepares an Annual Report by the 15<sup>th</sup> July each year. This report is to be forwarded via the QPS chain of command to the SDMG.

The DDC is to ensure the development and implementation of the DDMG Annual Operational Plan as soon as possible after the end of each financial year.

The DDC is to ensure functional agencies provide status reports at regular meetings.

The DDC is to ensure minutes of all DDMG Meetings are recorded.

### Operational Reporting:

During operational activity the DDMG, through the operation of the DDCC, will be responsible for the preparation and distribution of Situation Reports (SITREPS) in accordance with the latest template provided by the SDCC

The DDMG SITREP will be forwarded from the DDCC to the SDCC. The timeframes and format of the SITREP will be determined by the SDMG and advised to the DDMG. The nature of the disaster and the involvement of the DDMG will determine the complexity and format of the SITREP for a given event.

The DDMG will need to ensure regular SITREPs are received from activated/affected LDMGs to inform DDMG operational response, forward planning and the contents of the DDMG SITREP.

The DDC will need to determine and advise the Fraser Coast LDMG of the frequency and format of SITREPs, relative to the disaster event.

### Post Operational Activities:

Post disaster assessments are to be conducted on completion of disaster operations. These assessments should critically analyse actions and decisions undertaken and to identify any deficiencies in the DDMP. Post disaster assessment reports are to be completed to provide an overview of lessons learnt and identifying recommendations for improving disaster management.

# Disaster Risk Assessment

## Community Context

### Geography:

The Fraser Coast Region covers an area of 7,125 km from the Gunalda Range to the south, past Howard on the Bruce Highway to the north, east to the World Heritage listed Fraser Island and west to Brooweena. The Fraser Coast region has a complex and diverse geography that includes Fraser Island, the Mary River, large areas of native bushland, commercial forestry plantations and significant residential areas in low lying coastal zones.

### Land

Fraser Coast is a region of rich diversity. Within its extensive boundaries, is the sand mass of Fraser Island, the wetlands of the Great Sandy Strait, marine waters, coastal lowlands and streams, three significant river systems (Mary, Susan and Burrum) and undulating hills bordered by Sea View and Clifton Ranges in the west. The natural environment of the Fraser Coast provides substantial income to the region and is the major drawcard for tourists.

This region offers many opportunities for maintaining and preserving biodiversity. The area has large tracts of remnant vegetation associated with mountain ranges and land in public ownership and coastal areas have been subject to the same levels of population growth and urban expansion that has been occurring in the southern part of the bioregion.

The Queensland Department of Environment and Natural Resources is responsible for the management of Forests and National Parks in the area. The topography of the area consists of coastal heath and Walum lands adjacent to the Great Sandy Strait giving way to undulating grazing and timbered country through the centre of the Region to hilly country in the Urah Range on the west.

### Rivers and Creeks

The Burrum and Mary Rivers flow to the coast in the Fraser Coast region where there are many tidal areas in low-lying coastal communities. The regions shoreline encompasses 112km from Burrum Heads in the north, to Tinnanbar in the south, and includes those parts of the shoreline immediately landward that are within 100m of the mean high water mark. This excludes the Fraser Island shoreline.

The estuary of all the Fraser Coast Rivers includes seagrass beds, diverse mangrove forests, Fish Habitat Areas and habitat for sea turtles and dugongs. The Mary River estuary is shared with the Susan River. The Mary River estuary is at a "high" risk of damage by human activities and the estuary's health is currently rated as "fair" (C+), whilst the Susan River estuary is at a "low" level of risk of damage by human activities and the estuary's health rating is "excellent" (A). Susan River features include no in stream barriers to fish passage, significant wetlands and mangrove community.

Major creeks within the Mary are Tinana, Myrtle, Gutchy and Munna. Significant patches of remnant rainforest and endangered regional ecosystems are located on Tinana creek. Fish passage is disrupted on the main trunk of the river by Mary River tidal barrage, on Tinana Creek by Teddington Weir, Tallegalla Weir and Tinana barrage. Other smaller barriers to fish passage exist throughout the catchment.

The Cherwell and Isis Rivers share the same estuary as the Burrum River. The Burrum River estuary is considered to be at a "low" level of risk of damage by human activities and the estuary's health is currently rated as "good" (B+), although fish passage is severely disrupted on the Burrum River by Lenthalls Dam and the two weirs. Adjacent to Lenthalls Dam is a significant

patch of remnant rainforest. Wongi waterholes comprise a string of permanent acid-swamp waterholes, which provide habitat for threatened acid frogs.

Significant wetlands within the region are:

- **Burrum Coast:** comprises the coastline and estuaries between, and including, Beelbi and Theodolite creeks, and is made up of extensive intertidal flats associated with the mouth of the Burrum River and adjacent coastline; mangrove and salt flat systems along estuaries and coastline; freshwater wetlands dominated by wallum heaths, and lesser areas of sedgeland and swamp forests;
- **Fraser Island:** the largest sand island in the world with huge reserves of fresh groundwater and characteristic window and barrage dune lakes and a topography characterised by rough dunes reaching an elevation of more than 220m; and
- **Great Sandy Strait:** a very large and complex wetland system, consisting of intertidal sand and mud flats, extensive seagrass beds, mangrove forests, salt flats and salt marshes.

### **Climate and Weather:**

Climate	mild, sub-tropical climate
Average Summer Temperature	22 - 28°C
Average Winter Temperature	14 - 21°C
Average Yearly Rainfall	1,100 millimetres
Storm Season	December to February
Wildfire Threat	September to February

The Fraser Coast climate is moist sub-tropical with the rainfall being seasonal, the heaviest occurring during the summer months. Extremes of rainfall in the area are associated with tropical cyclones and east coast lows.

### **Population:**

The Fraser Coast Region had a population at 30 June 2009 of 99,673 or 2.3% of the states population. The population in 2031 is expected to be approximately 151,300.

Population (at 2009)	99 514
Annual Growth	3.7%
Average Age	41.2 years
Household size	2.44 persons
Projected Growth 2031	151,300

### **Community preparedness:**

Public education consists of an ongoing public awareness and preparedness program conducted by the State Emergency Service, Fraser Coast Regional Council, Statutory Services and the media in conjunction with the DDMG aimed at encouraging the public to be prepared for emergencies. This includes the production and delivery of the Fraser Coast Emergency Action Guide to all residences in the district.

### **Industry:**

The Fraser Coast economy is most reliant on the sectors of Construction, Property and Business Services, Education, Agriculture and Retail Trade.

Persons employed in the region are predominately engaged in tourism, retail trade, health care services, education, construction and manufacturing, rural production, timber, fruit growing or horticulture and government services.

Industries of significant employment on the Fraser Coast include retail trade (13.6%), health care and social assistance (13.2%) and construction (11%) with a greater reliance than NMQ on these industries.

The region continues to maintain the original industries of sugar, engineering and timber. Transportation, to and through the region, relies heavily on the Bruce Highway and the rail network.

### **Critical Infrastructure:**

The identification of Critical Infrastructure in the Maryborough District has been considered in the development of control measures in the working papers to the district disaster hazard risk assessment. They are listed in the relevant working papers to the risk assessment, however have not been included in the plan due to their potential security sensitive nature combined with the requirement to provide any member of the public with a copy of the plan for inspection. **A list of Critical Infrastructure is included in Annexure H.**

### **Essential Services:**

The identification of Essential Services in the Maryborough District has been considered in the development of control measures in the working papers to the district disaster hazard risk assessment. They are listed in the relevant working papers to the risk assessment, however have not been included in the plan due to their potential security sensitive nature combined with the requirement to provide any member of the public with a copy of the plan for inspection. **A list of Essential Services is included in Annexure H.**

### **Hazardous Sites:**

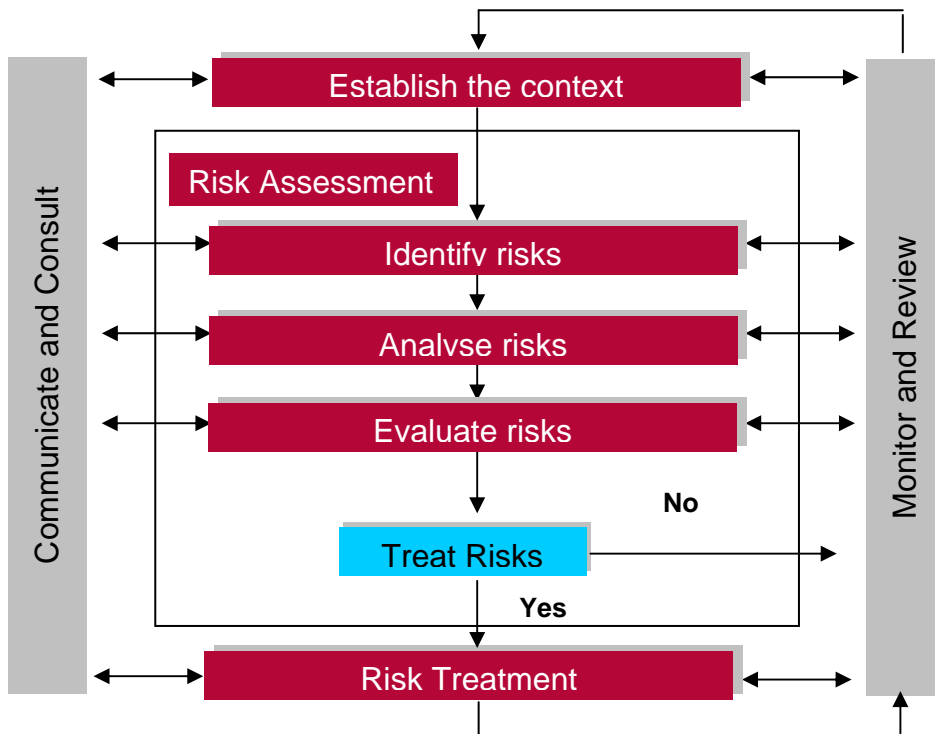
The identification of Hazardous sites in the Maryborough District has been considered in the development of control measures in the working papers to the district disaster hazard risk assessment. They are listed in the relevant working papers to the risk assessment, however have not been included in the plan due to their potential security sensitive nature combined with the requirement to provide any member of the public with a copy of the plan for inspection. **A list of Hazardous Sites is included in Annexure H.**

### **Proposed future development:**

Under the Qld State Government 20 year draft Urban Development Plan it is proposed that future development will occur in the Beaver Rock, Eli Waters and Mariners Cove areas resulting in an increase in population of approximately 10,000 people.

## Risk Assessment

The risk management process undertaken by the Maryborough DDMG to assess district risks and develop a district risk register was completed in accordance with the National Emergency Risk Assessment Guidelines and AS/NZS ISO 31000:2009. The process is adapted for the Maryborough Disaster District by articulating objectives to establish the context, assessing the risks by identifying, analysing and evaluating each disaster risk that poses a potential threat to the Maryborough Disaster District. Effective treatment options for those risks determined through the assessment process as treatable, will be developed and implemented. The process included consultation with stakeholders and continued review and monitoring of all parameters and documentation as follows:



The risk management process (AS/NZS ISO 31000:2009)

***Refer to the Risk Register at Annexure C***

## Risk Treatment

Risks identified in the Risk Register are analysed by the Maryborough District Risk Assessment Team (DRAT) in order to identify strategies for risk treatment. The District Risk Treatment Plan contains preferred treatment options, responsibilities and timeframes for implementation.

Responsibility for the implementation of risk treatment strategies, monitoring and reporting shall be determined by members of the DRAT under the guidance of the DDC. The District Risk Treatment Plan is to be presented to the Maryborough DDMG for endorsement.

To progress any treatment options, the DDMG is to request responsible agencies to incorporate specified risk treatment strategies in their agency corporate planning processes for recognition and implementation.

In instances where the applications of treatment strategies at district level are identified as not being adequate and residual risks remain, the DDMG is to determine whether risk transfer or risk sharing with the SDMG is a treatment option. In these instances the DDMG is to document and notify the SDMG of these with a view to transferring or sharing the risks.

A review of the district risk treatment plan shall be conducted in conjunction with any district risk assessment review process.

***Refer to the Risk Treatment Plan at Annexure D***

# Capacity Building

---

## Community Awareness

The Maryborough DDMG and Fraser Coast LDMG are to ensure their community is prepared and resilient for potential events that may impact on the district. In accordance with s23(f) of the Act, the Fraser Coast Regional Council will be responsible for the development and implementation of community awareness programs such as:

- Fraser Coast Emergency Action Guide
- Council Assisted Evacuation Plan (CAEP)
- Evacuation Zones and routes
- Coloured Meter Box Stickers
- Evacuation Plan Maps
- Traffic management arrangements
- Building Volunteer capacity

These programs are to be monitored and reviewed in accordance with the DDMG Annual Operational Plan

## Training

Training of DDMG members and other relevant stakeholders is to be completed in accordance with the Queensland Disaster Management Training Framework. EMQ are to develop and facilitate these training packages to include the processes, hazards, functions and activities that underpin disaster management and disaster operations. A record of all training undertaken is to be included in the Maryborough DDMG Annual Report. The XO Maryborough DDMG will monitor and review training requirements in accordance with the DDMG Annual Operational Plan and Disaster Management Training Calendar. EMQ are to maintain a Training Needs database to ensure DDMG member training is compliant with the DM training framework.

## Exercises

Exercises provide the opportunity to involve all members of the Maryborough DDMG. They build stakeholder networks and relationships, which are essential in providing effective response and recovery. They should be designed to incorporate the lessons learnt from previous events and be linked to priorities and hazards relevant to the Maryborough Disaster District.

Exercises are an essential component of disaster management preparedness and are used to enhance capacity and contribute towards continuous improvement. Responsibility to conduct disaster management exercises lies with each individual agency to ensure they have exercised and practiced procedures. EMQ's role will be to facilitate exercises conducted for the Maryborough DDMG. Exercises are to be included in the Maryborough DDMG Annual Operational Plan and are to be monitored and reviewed by the XO Maryborough DDMG.

Exercises are to include:

- **DM activities** - DDCC management, resupply and evacuation.
- **DDMG processes** – activation, decision making, information management and communications.
- **Coordination processes** - Maryborough DDMG and Fraser Coast LDMG.
- **Coordination processes** - Maryborough DDMG and the SDMG.
- **Response arrangements** - Specific hazards eg influenza pandemic, animal or plant disease.

The Maryborough DDMG will conduct at least two (2) exercises annually, one of which will include all functional committees.



## Post-Disaster Assessment

A key outcome of post-disaster assessment is that lessons identified from disaster events and disaster management exercises are embedded into the Maryborough DDMP. Such lessons come from an examination of the effectiveness of mitigation measures, an analysis of the state of preparedness in readiness for the impacts of a disaster, of the disaster operations themselves and extend into the effectiveness of recovery.

Post-disaster assessment is to be undertaken by all members of the Maryborough DDMG. Assistance can be sought from the QPS Disaster and Major Events Planning Branch, Queensland Office of Economic and Statistical Research, independent research bodies and tertiary institutions.

The conduct of post-disaster assessment needs to be managed to ensure that it does not impede response and recovery activities but is timed appropriately to ensure maximum benefit from the data captured. The review of operations will be conducted via a Hot Debrief immediately after operations are completed. This is to be followed by a 'Post Event Debrief' held days or weeks after an operation, when DDMG members have had an opportunity to take a considered view of the effectiveness of the operation.

To ensure minimum impact on disaster affected communities, post-disaster assessments should be informed by impact assessments, and if possible, coordinated with them. Lessons that can be identified from contemporary events world-wide can also contribute to lessons for reviews of the DDMP. Post-disaster assessment, therefore, also relies on disaster research.

Lessons identified through post-disaster assessment and disaster management exercises can also contribute to the identification of best practice disaster management practices.

A Post-Disaster Assessment Report is to be completed in partnership with EMQ to provide an overview of the lessons identified following an event and importantly recommendations for improving disaster management arrangements.

The focus of the post-disaster assessment will be to examine the disaster management processes **BEFORE, DURING and AFTER** the event.

### **BEFORE**

- Warnings – to LDMG/DDMG
- Warnings - to public (both state and local level)
- Activation processes
- Establishment of Coordination capabilities
- Community preparedness programs

### **DURING**

- Coordination with LDCC and SDCC
- Situational Awareness
- Decision making processes - operational response and planning
- Tasking
- Task and resource Tracking (Logistics)
- Situational Reporting (all levels)
- Interaction with Community to assist response
- Record Keeping
- Command, Communications, and Control
- Administration and Welfare (sustainability of response)
- Financial management/tracking

### **AFTER**

- Coordination and Transition to Recovery
- Record Keeping

# Response Strategy

## Warning Notification and Dissemination

Predominantly warning products will be issued by the Bureau of Meteorology including, but not limited to include Severe Weather Warnings, Tropical Cyclone Advice and Tsunami Warning Products. DDMG members will receive warning products via a number of means.

The DDC will receive notification directly from the State Disaster Coordination Centre (SDCC) and internally through Queensland Police Service Communication Centres. The Maryborough DDC will ensure the dissemination of warnings to members of the Maryborough DDMG and the Fraser Coast LDMG.

DDMG member agencies will be notified by **Desktop Messaging - sms, email and phone** and may also receive notification from internal agency central offices.

A number of agencies will also receive warnings directly from the Bureau of Meteorology.

Details regarding responsibility for notification processes within DDMG member agencies are detailed in respective agency plans. Agency plans will include detailed contact registers to achieve dissemination of warnings. In summary, the responsibility of DDMG agencies for notification in local government areas is shown in the following table.

Responsible Agency	Group/Agency Notified
<i>Queensland Police Service</i>	<i>Queensland Police Service Stations and establishments, DDMG members and Fraser Coast Regional Council</i>
<i>Emergency Management Queensland</i>	<i>State Emergency Service Units/Groups</i>
<i>Qld Health</i>	<i>All Queensland Health Services including Hospitals, Population Health and Mental Health</i>
<i>Department of Communities</i>	<i>Child safety, Disability Services, Housing, HACC and Community Care, ATSI Services and District Recovery committee,</i>
<i>Qld Fire and Rescue Service</i>	<i>Queensland Fire and Rescue Stations, including Rural Fire Services</i>
<i>Queensland Ambulance Service</i>	<i>Queensland Ambulance Service Stations and establishments</i>
<i>Department of Public Works</i>	<i>QBUILD</i>
<i>Department of Employment Economic Development and Innovation</i>	<i>Boating and Fisheries, Tourism and Regional Development, Biosecurity Operations</i>
<i>Department of Transport and Main Roads</i>	<i>All Transport and Main Roads Offices, Qld Rail.</i>
<i>Department of Environment and Resource Management</i>	<i>Queensland Parks and Wildlife, Environmental Protection Services as required</i>
<i>ERGON</i>	<i>All ERGON Offices</i>
<i>Education and Training</i>	<i>All relevant educational and training facilities</i>
<i>Fraser Coast Regional Council</i>	<i>All council divisions, Fraser Coast LDMG</i>
<i>TELSTRA</i>	<i>Vacant</i>
<i>Regional Director ABC</i>	<i>Ensure public advise in accordance with MOU with state of Qld.</i>

The process for the notification and dissemination of warning products is not a function dependant on the activation of the DDMG, rather should be an automatic responsibility of DDMG Executives and members regardless of the status of activation of the DDMG.

The DDC may issue warnings for events including managed evacuations in relation to cyclone impacts and storm tide events. If the warning relates to a storm tide event, refer to the provisions of the '***Tropical Cyclone Storm Tide Warning-Response System Handbook***' for a draft format of the warning message.

**Emergency Alert:** The DDC may decide to use the Emergency Alert System to provide urgent warnings to members of the community in relation to imminent events such as:

- Severe bushfires.
- Imminent storm surges greater than 0.5 metres above HAT.
- Hazardous Material Release.
- Tsunami land inundation greater than 1 metre.
- Chemical, Biological or Radioactive threats.
- Imminent severe cyclone – Cat 3 or higher.
- Localised very severe hail greater than 4cm diameter (golf ball size).
- Major flood likely to inundate dwellings.

***Further information in relation to Emergency Alerts can be found in the 'Emergency Alert Queensland Operational Guidelines'.***

**Standard Emergency Warning Signal (SEWS)** may be used in the delivery of public warnings and messages for major emergency events. Warnings should be limited to significant events such as:

- *Wind gusts >125 kilometres per hour (equivalent to category 2 and above cyclones);*
- *Storm tide >0.5 metre above Highest Astronomical Tide;*
- *Large hail > 4 centimetre in diameter;*
- *Tornado(s);*
- *Major floods, flash floods and/or dam break;*
- *Intense Rainfall leading to Flash Floods and/or landslides (1-6 hour rainfall total > 50 year Average Recurrence Interval);*
- *Geo-hazards including effects of earthquakes and or tsunami waves > 1 metre (tide dependent);*
- *Major urban and rural fires;*
- *Major pollution, hazardous material or bio-hazard emergency;*
- *Civil defence emergency (as defined in Article 61 of Protocol 1 of the 1977 Protocols Additional to the Geneva Conventions of 1949);*
- *Other major emergency situations.*

***Further information in relation to 'SEWS' can be found in the 'Guidelines for the Standard Emergency Warning Signal and its use in Queensland.'***

## Activation

The DDC is responsible for activating the DDMG. This would generally occur following consultation with one or more of; the Chair of the SDMG; the Chair of a LDMG; and/or a member of the DDMG.

The four levels of activation are:

### Alert

A heightened level of vigilance due to the possibility of an event in the area of responsibility. No action is required however the situation should be monitored by someone capable of assessing the potential of the threat.

### Lean forward

An operational state prior to 'stand up' characterised by a heightened level of situational awareness of a disaster event (either current or impending) and a state of operational readiness. Disaster coordination centres are on stand by; prepared but not activated.

### Stand up

The operational state following 'lean forward' whereby resources are mobilised, personnel are activated and operational activities commenced. Disaster coordination centres are activated.

### Stand down

Transition from responding to an event back to normal core business and/or recovery operations. There is no longer a requirement to respond to the event and the threat is no longer present.

*The District levels of activation are outlined at Annexure E.*

## District Disaster Coordination Centre

The Maryborough DDC will be co-located with the Fraser Coast LDCC. Two locations have been identified as suitable locations. The decision on which DDCC will be used will be based on the location, type and scale of the disaster event. A Standing Operating Procedure for the Maryborough DDCC has been developed. Copies will be held by the DDC and XO. Further copies will be available at the Maryborough District Office. Electronic copies will be made available to all members of the Maryborough DDMG.

1. Fraser Coast Regional Council Depot  
Moreton St  
Maryborough.  
Phone: TBA  
Fax: TBA
2. Fraser Coast Regional Council Administration Centre  
77 Tavistock St  
Hervey Bay.  
Phone: TBA  
Fax: TBA

## Concept of Operations for Response

### Operational Reporting

During operational activity the DDMG, through the operation of the DDCC, will be responsible for the preparations and distributions of Situation Reports (SITREPS).

The DDMG SITREP will be forwarded from the DDCC to the SDCC. The timeframes and format of the SITREP will be determined by the SDMG and advised to the DDMG. The nature of the disaster and the involvement of the DDMG will determine the complexity and format of the SITREP for a given event.

The DDMG will need to ensure regular SITREPs are received from activated/affected LDMGs to inform DDMG operational response, forward planning and the contents of the DDMG SITREP.

The DDC will need to determine and advise the Fraser Coast LDMGs of the frequency and format of SITREPs, relative to the disaster event.

## **Financial Management**

The Maryborough DDC, in consultation with the DDMG Executive Team, is responsible for establishing and maintaining financial management procedures for the Maryborough DDCC.

The **District Disaster Management Group Cost Centres Code “.....”** is to be used for all purchases made on corporate card, via invoice or through the Travel Management System.

Hard copies of all invoices/payments/overtime/travel claims etc are to be kept. These will form the supporting documentation for any financial assistance claims.

All police overtime and weekend units are to be recorded in the fortnightly overtime spreadsheets as “.....” with a note to indicate the disaster event

An excel spreadsheet will be held with the AO3 in the Maryborough Police District Office to record expenses.

Each support agency is responsible for providing their own financial services and support to its response operations relevant to their agency. Each DDMG member agency should contact their respective Finance Officer to predetermine financial arrangements applicable to their agency during disaster operations. When an event occurs, each participating agency in the Maryborough DDMG should immediately begin accounting for personnel and equipment costs relating to disaster operations.

Extreme care and attention to detail must be taken throughout the disaster operations period to maintain logs, formal records and file copies of all expenditure (including personnel timesheets), in order to provide clear and reasonable accountability and justifications for future audit and potential reimbursement purposes.

## **Disaster financial assistance arrangements**

There are two sets of financial arrangements which, if activated by the Minister for Police, Emergency Services and Corrective Services, provide financial support to Queensland communities impacted by a disaster event through the reimbursement of eligible expenditure:

### **State Disaster Relief Arrangements (SDRA)**

The intent of the SDRA is to assist in the relief of communities whose social wellbeing has been severely affected by a disaster event (natural or non-natural). SDRA is state-funded, and therefore not subject to the Australian Government imposed event eligibility provisions or the activation threshold that exists under NDRRA. As a consequence, SDRA is able to address a wider range of disaster events and circumstances where personal hardship exists.

### **Natural Disaster Relief and Recovery Arrangements (NDRRA)**

The intent of the NDRRA is to assist the relief and recovery of communities whose social, financial and economic wellbeing has been severely affected by a natural disaster or terrorism event. The arrangements provide a cost sharing formula between the State and Australian Government and include a range of pre-agreed relief measures.

To claim for expenditure reimbursement under SDRA or NDRRA arrangements:

1. The relevant arrangements must be activated;

2. The relevant relief measures must be activated and the expenditure must meet the eligibility requirements of that measure; and
3. Documentary support for all eligible expenditure detailed in the claim must be provided by the claimant.

***Further information on disaster financial assistance arrangements is available in the Queensland Relief and Recovery Arrangements Guidelines.***

## **Media Management**

During a disaster it is critical that the public information provided to the media is consistent across all levels of the Queensland Disaster Management Arrangements. To ensure the release of appropriate, reliable and consistent information the Maryborough DDMG will take into account the following significant issues:

### **Significant Issues:**

1. Joint media conferences are to be held at designated times involving key stakeholders including the Mayor of the Fraser Coast Regional Council and Maryborough DDC or their delegates.
2. Scheduling of media conferences is to be coordinated ensuring there is no conflict between State, district or local announcements.
3. Statistics are a potentially contentious issue requiring careful checking with all agencies before release. This type of information is to be sourced initially from the Fraser Coast LDMG.
4. Each agency is to comment only on their own areas of responsibility.

### **Maryborough DDMG Media Management Strategy:**

1. Depending on the scale of any disaster the DDC may appoint a Media Liaison Officer. The Media Liaison Officer will be responsible for arranging media briefings. **The FCRC Media Liaison Officer will be utilised for this purpose.**
2. A suitable media briefing area is to be established in the vicinity of the Maryborough DDCC.
3. No media are to be allowed into the DDCC during disaster operations without the permission of the DDC or their delegate.
4. The DDC or appointed spokesperson shall authorise all media releases.
5. Media releases are to contain key messages to inform the local community of the Maryborough DDMG's role in coordinating whole of government support to the Fraser Coast LDMG.
6. Delegated spokespersons from functional agencies are to comment on specific factual information (eg; evacuation measures, road closures etc).
7. Media releases are to be consistent with the crisis communication network arrangements outlined in the **Queensland Government Arrangements for Coordinating Public Information in a Crisis.**

## **Accessing Support and Allocation of Resources**

During disaster operations it may be possible for the Maryborough DDMG or Fraser Coast LDMG to obtain support or resources from neighbouring DDMG's or non disaster affected LDMG's. To assist in this process the Fraser Coast Regional Council has formed a Strategic Alliance with

Gympie Regional Council, Bundaberg City Council, North Burnett Council, South Burnett Council and Banana Council to share resources if required.

If resources/or support is required from outside the Maryborough District, and those resources are available from neighbouring councils in the Strategic Alliance, the Fraser Coast LDMG will forward a Request for Assistance to the Maryborough DDMG. The Maryborough DDMG will forward a Request for Assistance to the relevant council. During operations, the SDMG is to be advised prior to these arrangements being utilised.

Where the Maryborough DDMG requires support and/or resources to meet operational requirements that are beyond both local, district, or neighbouring district capacity and capability, the Maryborough DDMG will formally seek State assistance through a Request for Assistance forwarded to the SDCC.

**Further information relating to accessing support and allocation of resources may be obtained through the document 'Principles of resource support during an event' prepared by the Disaster Preparedness Group – Department of Public Works.**

## **Disaster Declaration**

In accordance with s64 of the Act, a DDC may, with the approval of the Minister, declare a disaster situation for the district, or a part of the district.

In declaring a disaster situation, the DDC is to be satisfied that **a disaster has happened, is happening or is likely to happen** and it will be necessary or reasonably likely to be necessary to exercise declared disaster powers to prevent or minimise the loss of human life, illness or injury to humans, property loss or damage, or damage to the environment.

In accordance with s65 of the Act the declaration of a disaster situation should ordinarily be made using the Form DM2 – Declaration of a disaster situation – District level. However in accordance with s65(5) of the Act it can be made orally if necessary to exercise declared disaster powers before an approved form can be obtained and completed. If the declaration is made orally, it must be recorded in the approved form as soon as is reasonably practicable.

**An oral declaration cannot be made if the DDC is satisfied only that it is reasonably likely to be necessary to exercise disaster powers. The DDC must believe that it is necessary to exercise the powers.**

Before declaring a disaster situation the DDC is to take reasonable steps to consult with the Maryborough DDMG and Fraser Coast Regional Council.

When a Disaster Declaration is approved by the Minister, the SDMG, Maryborough DDMG , Fraser Coast LDMG and persons required to exercise declared disaster powers are to be notified immediately.

A copy of the Disaster Declaration form is to be retained by the Executive Officer Maryborough DDMG.

In accordance with **s66 of the Act a disaster situation will remain in force for 14 days** after the day it was declared, unless the Minister ends the disaster sooner under s68(1) of the Act, or the disaster situation is extended under s67 of the Act. If an extension to a disaster declaration is required, the DDC is to seek an extension under s67 of the Act. **The DDC is to ensure this application is made in a timely manner before the end of the original declaration.**

## **Resupply**

During any disaster situation there may be times when areas within the Maryborough disaster district become isolated for lengthy periods of time. The need to resupply essential provisions to isolated communities, isolated rural properties or stranded persons may be required.

### **Isolated Community Resupply:**

The responsibility for the resupply of isolated communities rests with the Fraser Coast LDMG. They are to prepare their communities for periods of isolation, develop local resupply procedures and provide education to retailers on resupply procedures. EMQ are to provide advice to the LDC on compliance with resupply and NDRRA guidelines. EMQ are responsible to ensure requests from the Fraser Coast LDMG comply with Resupply Policy, obtain 3 quotes for transport of goods, obtain DDC approval and submit requests to the SDCC. The DDC is responsible to approve resupply requests.

### **Isolated Rural Property Resupply:**

The responsibility for the resupply of isolated communities rests with the Fraser Coast LDMG. They are to prepare their communities for periods of isolation, develop local resupply procedures and provide education to retailers on resupply procedures. EMQ are to provide advice to the LDC on compliance with resupply and NDRRA guidelines. EMQ are responsible to ensure requests from the Fraser Coast LDMG comply with Resupply Policy and obtain DDC approval. The DDC is responsible to approve resupply requests, return the approved request to the LDMG and inform the SDCC of the resupply operation.

### **Resupply of Stranded Persons:**

The Qld Police Service has the responsibility to coordinate the resupply or evacuation of stranded persons. If the LDMG is not activated police are to coordinate resupply or evacuation operations and report through their normal reporting and command system.

If the LDMG is activated police are to request assistance from the LDMG to assist with the resupply or evacuation. The LDMG is to provide assistance to police and report to the DDMG on resupply or evacuation operations. The DDMG is to provide support to the LDMG if required. The DDMG is to report to the SDCC on resupply or evacuation operations.

***Further information on resupply is available in the Queensland Resupply Guidelines.***

## **Functional Plans**

The District Disaster Management Group and functional lead agencies have a responsibility to develop functional plans to support the Disaster Management Plan. Functional plans detail arrangements relating to supporting activities undertaken by functional lead agencies of the DDMG.

**Functional plans are held separate to the Maryborough DDMP. A list of functional plans is contained in the Appendices of this plan.**

## **Hazard Specific Arrangements**

In accordance with the State Disaster Management Plan, hazard specific arrangements and plans are to be developed by functional lead agencies in support of the Maryborough DDMP. These hazard specific plans are to address identified hazards within the Maryborough Disaster District. *These may include: Influenza Pandemic; Animal and Plant Disease; Bushfire etc.*

# Recovery Strategy

---

This recovery strategy provides a framework for the coordination of recovery operations within the Maryborough Disaster District and is supported by the procedures outlined in the *Queensland Recovery Guidelines*.

## Scope

This recovery strategy has been developed to:

- include all functions of recovery (human-social, infrastructure, economic and environmental);
- define broad parameters for the effective coordination of recovery operations within the district; and
- identify constraints to the coordination of recovery operations within the district.

## Functions of Recovery

Effective recovery requires an integrated, multi-disciplinary approach to needs analysis, community engagement, planning and service delivery. Coordinated effort by all agencies involved in recovery is required. As recovery is a complex and potentially protracted process, to assist with overall and effective coordination, aspects of recovery are conceptually grouped into four functions including:

**Economic**  
**Environmental**  
**Human-Social**  
**Infrastructure**

The disaster management arrangements have designated four functional lead agencies for leading recovery under each of the functions. The responsibilities for the functional lead agencies for recovery have direct correlation to the relevant agency's core business.

The functional lead agencies for recovery in the Maryborough Disaster District include:

**Economic: Department of Employment, Economic Development and Innovation (DEEDI)**

**Environmental: Department of Environment and Resource Management (DERM)**

**Human-Social: Department of Communities (DoC)**

**Infrastructure: Department of Public Works (DPW) Building Recovery.**

**Department Transport Main Roads (DTMR) Roads & Transport Recovery**

To assist in the recovery phase the Maryborough DDC is to appoint a District Recovery Group to prepare for, plan for and implement measures to support the Fraser Coast LDMG in the overall coordination of recovery activities. The District Recovery Group is to be chaired by a District Recovery Coordinator who is to keep the DDC informed on the status and progress of the recovery process. The district recovery strategy is to be flexible and adaptive to different disaster events, the diverse needs of different communities and enable the integration and scaling up and down of recovery processes, as required.

## District Recovery Group Structure

**Chair: FCRC Representative or Local Recovery Coordinator**

	<b>Economic Function</b>	<b>Environmental Function</b>	<b>Human Social Function</b>	<b>Infrastructure Function</b>
<b>Role</b>	To lead and coordinate planning and implementation of the economic function of recovery	To lead and coordinate planning and implementation of the environmental function of recovery	To lead and coordinate planning and implementation of the human-social function of recovery	To lead and coordinate planning and implementation of the infrastructure function of recovery
<b>Responsibilities</b>	<p>Coordinate the economic function of district/local recovery operations. Assess and monitor impact on economic viability, key economic assets including employment issues and capacity of local businesses to operate. Facilitate business, industry and regional economic recovery and renewal. Develop industry and business recovery plan and implementation strategies in conjunction with local government, relevant State Government agencies, regional economic development organisations and industry bodies. Facilitate financial assistance, access to funds and loans and employer subsidies. Where required, facilitate linkages with job providers and employment agencies to source labour, re-establish supply chains and joint marketing activities. Develop a strategy to maximize use of local resources during clean up and restoration activities. Support small to medium enterprise (e.g. referrals, business assistance, etc). Identify options for improvement or adjustment from current business operations, where required.</p>	<p>Coordinate the environmental function of district/local recovery operations. Coordinate assessment of the event on the natural (e.g. water quality, ecological impact, pollution) and cultural (e.g. heritage conservation including indigenous cultural heritage) environment. Provide advice on potential environmental issues (e.g. water quality, sewerage, etc). Coordinate rehabilitation of natural environment, including parks, waterways and wildlife. Coordinate rehabilitation of the cultural environment; Coordinate preservation of community assets (e.g. reserves and parks). Consider mitigation strategies to reduce future impacts on the natural environment, where appropriate. Monitor issues of pollution. Coordinate waste management and disposal. Ensure effective consultation and communication with the community and relevant organisations including environmental bodies and interest groups. Monitor and assess the environmental consequences of cleanup operations. Monitor and assess animal welfare issue</p>	<p>Coordinate the human-social function of district/local recovery operations. Liaise with relevant response and recovery bodies and organisations. Work with affected communities and interest groups to support their involvement in the decision making process. Coordinate the human-social component of recovery, and report to the post-event SRC (when appointed) on long-term recovery. Support planning and delivery of individual and community services to assist with recovery including: Personal support and material assistance Community development Psychological first-aid Referrals to appropriate specialist services Accommodation support Information and referral Advocacy Financial assistance</p>	<p>Coordinate the infrastructure function of district/local recovery operations. Liaise with the Insurance Council of Australia to ensure the declaration of the general insurance industry Catastrophe Coordination Arrangements and to identify nominated ICA representative. Coordinate building safety inspection services, secure damaged buildings and structures and coordinate demolition/repair and rebuilding. Coordinate the assessment of damage to housing stock, commercial and industrial buildings, rural structures, and infrastructure facilities. Work with all sectors/stakeholders to determine prioritisation of works. Assist with development of options for temporary accommodation. Assist with development of a coordinated approach to housing related strategies. Coordinate restoration of sporting facilities and public playgrounds. Work with affected communities and interest groups to support their involvement in the decision making process. Ensure risk reduction is considered in</p>

	Assist with contract arrangements, where required. Ensure involvement of local business and industry representatives and the community in decision making			planning for rebuilding and reconstruction.
--	--	--	--	---

### Supporting Agencies

	<b>Economic Function</b>	<b>Environmental Function</b>	<b>Human Social Function</b>	<b>Infrastructure Function</b>
<b>FCRC Council</b>	Economic Development Officer	Environmental Officers	Community Development Officer	Local Planning Officers Council Engineering staff
<b>State Govt</b>	<b>DEEDI (Functional lead agency)</b> Queensland Rural Adjustment Authority	<b>DERM (Functional Lead Agency)</b> Maritime Safety Queensland (MSQ) QFRS – Scientific Branch	<b>DoC (Functional Lead Agency)</b> Department of Education and Training Queensland Health	<b>DIP (Functional Lead Agency)</b> DPW DTMR DoC LGAQ DERM
<b>Federal Govt</b>		Environmental Advisors Chemical/Hazardous Substance advisors Catchment advisory groups	Centrelink	DOTARS
<b>Non - Government/ Business Representatives</b>	Insurance Council of Australia Insurance companies Chamber of commerce Primary producer groups Industry representatives Tourism operators	RSPCA Environmental Interest Groups	ADRA Australian Red Cross Lifeline Community Care Salvation Army St Vincent de Paul Local community and welfare groups RSPCA (companion animals)	Queensland Building Services Authority Insurance Council of Queensland Utility owners / operators Private infrastructure owners Transport operators

### Planning:

During non-operational times, Fraser Coast LDMG and Maryborough DDMG are to include recovery considerations in their disaster management plans, informed by functional lead agencies. Functional lead agencies are to create their own specific mechanisms for planning etc. Functional lead agencies should have a function-specific plan at district level that is cognisant of local issues and can be used to guide service arrangements at local and district level.

### Operations:

During operations the District Recovery Group will include functional lead agencies from district level; functional lead agencies use their own arrangements to provide support. This group will coordinate recovery operations in liaison with functional lead agencies and the SRG.

## Parameters and Constraints

Recovery is complex and usually a long process. It goes beyond immediate welfare support and includes physical repair and reconstruction, personal rehabilitation, the restoration of social well-being, community development, economic renewal and growth, and regeneration of the natural environment.

Effective recovery requires a range of services and is successful if the services are provided in a coordinated and streamlined way. To achieve this end the structured and effective integration of government agencies, non-government organisations, government-owned corporations, industry groups, the private sector and whole-of-community is required. The effective and coordinated use of all necessary and available resources is also required.

Successful recovery relies on the following principles:

**Understanding the context** – Appreciating the risks faced by individuals and communities, acknowledging strengths, weaknesses and past experiences, supporting people with vulnerabilities, recognise and respect differences.

**Recognising complexity** – Diverse needs, wants and expectations of the community, conflicting knowledge, values and priorities, four functions of recovery often overlap and recovery arrangements must consider the inter-relationships between these functions.

**Using community-led approaches** – Allow individuals, families and communities to manage their own recovery, use and develop community knowledge, leadership and resilience, build strong partnerships between communities and those involved in the recovery process.

**Ensuring coordination of all activities** – Use an emergency management approach that integrates with responses and contributes to future prevention and preparedness; be inclusive; have clear and shared goals; have clear decision making and reporting structures.

**Employing effective communication** – Ensure two way communication with community; ensure communication is relevant, timely, clear, accurate, targeted, credible and consistent; use a variety of communication methods; repeat key recovery messages.

**Acknowledging and building capacity** – Support the development of self reliance; quickly identify and mobilise community skills and resources; develop networks and partnerships to strengthen capacity.

## **Operational and Action Plans**

When convened for disaster recovery operations, the Maryborough District Recovery Group will develop an Operational Plan to guide its activities. This will be discussed and developed during the group's first meeting. A broad timeframe should be included in this plan.

At the first meeting Action Plan's for each recovery function will be developed. This Action Plan will list the tasks to be performed by the group, agencies/individuals responsible for the tasks and a timeframe for completion of the tasks.

At each subsequent meeting of each group, their respective Action Plans will be reviewed and updated, with new information.

Revised plans should consider: emerging issues; additional actions that may be required; roles and responsibilities; arrangements for ongoing coordination across the functions; and progress against the original requirements.

Operational and Action plans should also identify proposed transitional arrangements that consider the requirements of affected individuals and communities. This should include service delivery arrangements and emerging issues.

Plans should also be informed, where possible, by feedback received through ongoing community engagement strategies.

Copies of completed Action Plans should then be submitted to the recovery group of the appropriate level at their final meeting, where the Operational Plan is also to be finalised. Copies of plans should be included in relevant agency and group event.

## **Considerations for Operational and Action Recovery Plans**

When developing Operational and Action Recovery Plans lead functional agencies and recovery groups should consider the following:

- Issues identified from information gathered by impact assessments;
- Arrangements outlined in existing functional plans;
- How to allocate actions and responsibilities across the four recovery functions to inform the development of action plans;
- Arrangements for overall coordination of recovery operations;
- How to develop strategies for recovery with the affected community which detail the vision, goals and project outcomes of the recovery strategy;
- Identifying the main short, medium and long-term priorities;
- Developing project timeframes, costs, funding priorities and funding strategies;
- Advertising and disseminating public information about the Action Plans;
- Determining appropriate community engagement and communication strategies;
- Ensuring all aspects of Operational and Action Recovery Plans adhere to the National Principles for Disaster Recovery;
- Transitional and exit strategies; and
- Strategies for conducting a debrief and evaluation of recovery operations.

***For further information refer to the Queensland Recovery Guidelines.***

---

**THE MARYBOROUGH DISTRICT DISASTER MANAGEMENT PLAN WAS PREPARED BY EXECUTIVE OFFICER SENIOR SERGEANT PAUL BEHNE OF MARYBOROUGH POLICE AND ACKNOWLEDGES THE CONTRIBUTION MADE BY SUPERINTENDENT MARK STILES AND RAI WHITTEN (EMQ)**

# Annexure Index

---

- A Distribution List
- B DDMG Contact List
- C Identified Hazards and Maryborough District Risk Register
- D Maryborough District Risk Treatment Plan
- E District Levels of Activation for Response Arrangements
- F Reporting Requirements
- G DDMP Legislative Checklist
- H. Critical Infrastructure, Essential Services, Hazardous Sites.

Appendices List

### Distribution List

Position	Organisation	Hard Copy ✓	Electronic Copy ✓
1	State Disaster Management Group		✓
2	Maryborough DDC	✓	✓
3	District Disaster Executive Officer	✓	✓
4	EMQ Area Director		✓
5	EMQ Regional Director		✓
6	Fraser Coast Regional Council - Mayor		✓
7	Qld Fire & Rescue Service - Zone Commander		✓
8	Qld Ambulance Service - Area Director		✓
9	Dept Communities - Regional Director		✓
10	Qld Health - Manager Support Services		✓
11	Qld Health, Director of Business and Operational Services – Northern Cluster		✓
12	Qld Health, Director Environmental Health		✓
13	Dept Transport & Main Roads – Transport DDLO		✓
14	TELSTRA – District Emergency Services Liaison Officer		
15	ERGON, Liaison Officer		✓
16	Building Services Authority - Representative		✓
17	DEEDI – Boating and Fisheries		✓
18	DEEDI – Principal Vet Officer		✓
19	DERM – Operations Manager Great Sandy Region.		✓
20	QBUILD – Operations Manager		✓
21	Wide Bay Water – Treatment Manager		✓
22	ABC – Regional Director		✓

---

**Maryborough District Disaster Management Group Contact List**

Department/Agency	Name	Function	Contact Detail
Qld Police Service		DDC	
Qld Police Service		Deputy DDC	
Qld Police Service		Executive Officer	
EMQ		Regional Director North Coast	
EMQ		Area Director WBB	
Dept of Communities		<b>Chair Community Recovery Committee</b>	
Dept of Communities		Community Support Officer – Recovery	
Dept Communities		Proxy Communities LO	

<b>Department/Agency</b>	<b>Name</b>	<b>Function</b>	<b>Contact Detail</b>
Dept of Transport		Transport DDLO	
Dept of Transport		Proxy DDLO	
DEEDI (Dept Employment Economic Development & Innovation)		Boating and Fisheries	
DEEDI		Principal Vet Officer - Biosecurity Operations	
DEEDI		<b>Chair Economic Recovery Committee</b>	
DEEDI		Proxy DEEDI LO	
DERM (Department of Environment & Resource Ma)		Environmental Protection/ Qld Parks & Wildlife	
DERM		<b>Chair Environmental Recovery Committee</b>	
DERM		Proxy DERM LO	
Qld Ambulance Service		QAS	

Department/Agency	Name	Function	Contact Detail
Qld Ambulance Service		QAS Proxy	
Qld Fire & Rescue Service		Area Director QFRS Urban	
Qld Fire & Rescue Service		Regional Manager Rural Operations	
Qld Health		Director Environmental Health	
Qld Health		Manager Support Services	
Qld Health		Director Business and Operational Services Northern Cluster	
QBUILD		<b>Infrastructure Recovery Committee</b>	
QBUILD		Proxy DPW LO	
Fraser Coast Regional		CEO FCRC. LDC Fraser Coast	

<b>Department/Agency</b>	<b>Name</b>	<b>Function</b>	<b>Contact Detail</b>
Council		LDMG	
Fraser Coast Regional Council		Disaster Planning Co-ordinator	
Fraser Coast Regional Council		Executive Manager Information Management	
Wide Bay Water (Advisor only)		Chief Operating Officer	
ERGON		ERGON LO	
ERGON		Proxy ERGON LO	
ABC (Advisor only)		ABC Rep	
BSA (Advisor only)		BSA Rep	

## Identified Hazards

Hazard	Geographic extent	Frequency	Severity Intensity	Onset	Duration Hazard	Projected impact climate change
1. Flood	Minor roads throughout district can be cut due to flooding	Often between November and April	Minor	2-6 hours	1 to 2 days	
Flood	Major and minor roads throughout district can be cut due to flooding isolating some communities.	ARI :10	Moderate	2-6 hours	3 – 7 days	
Flood	Major and minor roads throughout district can be cut due to flooding isolating many communities	ARI :20	Major	1-4 days	4 -14 days	
2. Cyclone	All coastal areas	Annually	Cat 1	2-3 days notice	24hrs	<b>check correct references and resources</b>
Cyclone	All areas	ARI :50	Cat 2	2-3 days notice	24hrs	
Cyclone	All areas	ARI :100	Cat 3	2-3 days notice	24hrs	
Cyclone	All areas	ARI:200 -300	Cat 4	2-3 days notice	24hrs	
Cyclone	All areas	ARI :1000	Cat 5	2-3 days notice	24hrs	
3. Storm Surge	Coastal inundation up to 1.5 metres	ARI :100	3.3m AHD	2-3 days notice	24hrs	
Storm Surge	Coastal inundation up to 2.0 metres	ARI:200	3.8m AHD	2-3 days notice	24hrs	
Storm Surge	Coastal inundation up to 2.2 metres	ARI :1000	4m AHD	2-3 days notice	24hrs	
Storm Surge	Coastal inundation up to 2.7 metres	ARI :10000	4.5 AHD	2-3 days notice	24hrs	

<b>Hazard</b>	<b>Geographic extent</b>	<b>Frequency</b>	<b>Severity Intensity</b>	<b>Onset</b>	<b>Duration Hazard</b>	<b>Projected impact climate change</b>
4. Severe Storm	All areas	At any time	Up to Cat 2 cyclones.	1 hour - 3 days notice	1 – 48 hrs	
5. Bush Fire Level 1	All rural areas		Minor			
Bush Fire Level 2	All rural areas		Moderate			
Bush Fire Level 3	All rural areas		Major			
6. Earthquake 4	All areas	ARI :50	Richter 4	Immediate	Minutes	
Earthquake 4.5	All areas	ARI :100	Richter 4.5	Immediate	Minutes	
Earthquake 5.5	All areas	ARI :200-1000	Richter 5.5	Immediate	Minutes	
Earthquake 6	All areas	ARI 1000 plus	Richter 6	Immediate	Minutes	
7. Major Transport Incident requiring a DDMG response	Road, Rail, Air, Maritime	Unknown	Major	Immediate	12-24hrs	
8. Pandemic	All areas	Unknown	Major	2-4 weeks gradual onset	2-4 months	
Plant and animal disease	All areas	Anytime	Variable	Immediate	Ongoing	
Insect and vermin plague	All areas	Anytime	Variable	Progressive	Ongoing	
9. Tsunami - Marine Threat	Coastal waters	ARI :50-100		1.5 hours		
Tsunami - Land Threat	All foreshores	ARI: 200 - 1000		1.5 hours		

<b>Hazard</b>	<b>Geographic extent</b>	<b>Frequency</b>	<b>Severity Intensity</b>	<b>Onset</b>	<b>Duration Hazard</b>	<b>Projected impact climate change</b>
10. Landslide		Rare	Low anticipated consequences	Immediate	Less 24hrs	
11. Chemical, fuel, oil spill	All areas	Unknown	Variable	Immediate	24hrs	
12. Explosion	All areas	Unknown	Variable	Immediate	24hrs	
13. Gas leak	All areas	Unknown	Variable	Immediate	Less 12 hrs	
14. Failure or disruption to Essential Service or Infrastructure	All areas	Rare	Potentially severe for short periods of time	Immediate	Less 12 hrs	
15 Terrorism/Civil Unrest (see Chris)	All areas	Unknown	Unknown	Immediate	Unknown	
16. Dam failure	Howard, Pacific Haven	Rare	Catastrophic	Immediate	Less 12 hours	

## MARYBOROUGH DISTRICT DISASTER MANAGEMENT GROUP RISK REGISTER

Risk Identification (District level risks only)					
Risk No.	Risk Statement	Source	Impact Category	Prevention/Preparedness Controls	Recovery/Response Controls
1A	There is the potential that a monsoon trough or tropical low will cause an extreme rainfall event in Maryborough Disaster District resulting in a major flood which will impact on residents.	Flood	People	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Agency Planning</li> <li>▪ State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS Swift Water Rescue</li> <li>▪ QAS</li> <li>▪ EMQ</li> <li>▪ QLD Rescue Helo</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>

1B	There is a potential that a flood event may occur in the Maryborough Disaster District which may impact on the environment.	Flood	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ State Planning Policy 1/03 – Mitigating the Adverse Impacts of Floods, Bushfires and Landslides</li> </ul>	DERM
1C	There is a potential that a flood event may occur in the Maryborough Disaster District causing wide spread damage to lines of communications, transportation routes, property, agriculture, local business and industry.	Flood	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
1D	There is a potential that a flood event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support communities of the Maryborough Disaster District.	Flood	Public Administration	Agency business continuity plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
1E	There is a potential that a flood event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.	Flood	Social Setting	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal prep</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>
1F	There is the potential that a monsoon trough or tropical low will cause an extreme rainfall event in Maryborough Disaster District resulting in a major	Flood	Infrastructure	<ul style="list-style-type: none"> <li>▪ Business Continuity plans</li> <li>▪ Levee banks</li> <li>▪ Building regulations</li> </ul>	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> </ul>

	flood which will cause the failure of significant infrastructure and service delivery			<ul style="list-style-type: none"> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
2A	There is the potential that a severe category cyclone will impact on the Maryborough Disaster District causing wide spread structural damage to residential properties including private residences, aged care facilities, school boarding residences, tertiary facility residential halls, Hotels/motels and backpacker accommodation	Cyclone	People	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal Preparedness</li> <li>▪ Identification of evacuation centres</li> <li>▪ Establishment of evacuation centres</li> <li>▪ Established support networks</li> </ul>	<ul style="list-style-type: none"> <li>▪ Declaration of an Emergency Situation (PSPA)</li> <li>▪ Declaration of a Disaster (DM Act 2003) <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> </ul> </li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
2B	There is the potential that a severe category cyclone will impact on the Maryborough Disaster District causing wide spread environmental damage	Cyclone	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DERM</li> <li>▪ Local Government</li> </ul>
2C	There is the potential that a severe category cyclone will impact on the Maryborough Disaster District causing wide spread structural damage to properties, agriculture, stock losses and local business and	Cyclone	Economy	Business continuity plans	<ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding</li> </ul> </li> </ul>

	industry.				<ul style="list-style-type: none"> <li>arrangements coordinated</li> <li>Coordinate Industry and government recovery and response planning actions</li> </ul>
2D	There is the potential that a severe category cyclone will impact on the Maryborough Disaster District causing wide spread damage to infrastructure, private and commercial property and residences, injury to persons and/or loss of life, wide spread power outages impacting on residential and commercial entities, sewerage and water treatment systems and communication networks	Cyclone	Public Administration	<ul style="list-style-type: none"> <li>Agency Business Continuity Plans – reviewed and updated prior to cyclone season</li> <li>DDMG Scenario planning exercise undertaken</li> </ul>	<ul style="list-style-type: none"> <li>Agency Specific response Plans</li> <li>Private sector</li> <li>Local government</li> <li>All State government agencies</li> </ul>
2E	There is the potential that a severe category cyclone will impact on the Maryborough Disaster District causing wide spread structural damage to property, agriculture, livestock losses and commercial activity incurring loss of income and significant financial distress.	Cyclone	Social setting	<ul style="list-style-type: none"> <li>SDRA</li> <li>NDRRA</li> <li>Business Continuity Plans</li> <li>Recovery Centres</li> <li>Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>DoC</li> <li>DEEDI</li> <li>Centrelink</li> <li>Volunteer organisations</li> <li>Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
2F	There is the potential that a severe category cyclone will impact on the Maryborough Disaster District causing wide spread power outages impacting on residential and commercial entities, sewerage and water treatment systems and communication networks	Cyclone	Infrastructure	<ul style="list-style-type: none"> <li>Public awareness</li> <li>Seasonal preparedness</li> <li>Business continuity plans</li> <li>Auxiliary power generation options</li> <li>Generator distribution plan</li> <li>Generator fuel resupply plan</li> </ul>	<ul style="list-style-type: none"> <li>LDMG</li> <li>DDMG</li> <li>ERGON</li> <li>Telstra</li> <li>Optus</li> <li>Local Government</li> <li>Requisite govt agencies</li> </ul>
3A	There is the potential that a cyclone and an associated storm surge will impact on the coastal communities of the Maryborough Disaster District which in turn will impact on the inhabitants.	Storm Surge	People	<ul style="list-style-type: none"> <li>Public awareness</li> <li>Seasonal preparedness</li> <li>National Storm Tide Mapping Model for Emergency Response</li> <li>Public awareness</li> <li>Drainage maintenance</li> <li>Emergency Alert</li> </ul>	<ul style="list-style-type: none"> <li>LDMG</li> <li>DDMG</li> <li>QPS</li> <li>SES</li> <li>Volunteer organisations</li> <li>Red Cross</li> <li>Medical Services</li> <li>Evacuation</li> </ul>

				<ul style="list-style-type: none"> <li>▪ Tropical Cyclone Storm Tide Warning Response System</li> </ul>	<ul style="list-style-type: none"> <li>▪ arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply guidelines</li> <li>▪ All govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
3B	There is the potential that a cyclone and an associated storm surge which will impact on coastal communities of the Maryborough Disaster District and result in the salt water inundation of coastal rainforest.	Storm Surge	Environment	State Coastal Management Plan	DERM Local Government
3C	There is the potential that a cyclone and an associated storm surge which will impact on the Maryborough Disaster District causing wide spread damage to properties, agriculture and local business and industry	Storm Surge	Economy	Business continuity plans	Private sector Local government <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
3D	There is the potential that a cyclone and an associated storm surge which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Storm Surge	Public Administration	<ul style="list-style-type: none"> <li>▪ Business continuity plans – reviewed and updated prior to cyclone season</li> <li>▪ DDMG Scenario planning exercise undertaken</li> </ul>	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
3E	There is the potential that a cyclone and an associated storm surge which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and	Storm Surge	Social Setting	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>

	commercial activity with the attendant loss of income and significant financial distress.			<ul style="list-style-type: none"> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	
3F	There is the potential that a cyclone and an associated storm surge which will impact on coastal communities of the Maryborough Disaster District by causing the failure of significant infrastructure and service delivery.	Storm Surge	Infrastructure	<ul style="list-style-type: none"> <li>▪ Levee banks</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
4A	There is a potential that a severe storm will occur in Maryborough Disaster District which may impact on inhabitants	Severe Storm	People	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Agency Planning</li> <li>▪ State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide</li> </ul>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ All govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
4B	There is a potential that a severe storm will occur in Maryborough Disaster District which may impact on the natural environment	Severe Storm	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> </ul>	DERM

4C	There is a potential that a severe storm event may occur in the Maryborough Disaster District causing wide spread damage to lines of communications, transportation routes, property, agriculture, local business and industry.	Severe Storm	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
4D	There is a potential that a severe storm event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support communities of the Maryborough Disaster District.	Severe Storm	Public Administration	Agency business continuity plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
4E	There is a potential that a severe storm event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.	Severe Storm	Social Setting	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>
4F	There is a potential that a severe storm event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.	Severe Storm	Infrastructure	<ul style="list-style-type: none"> <li>▪ Business Continuity Plans</li> </ul>	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
5A	Maryborough Disaster District may be subject to a bush fire or other large scale fire	Bush Fire	People	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> </ul>	Declaration of an Emergency Situation (PSPA)

				<ul style="list-style-type: none"> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Current safety procedures</li> <li>▪ Legislation</li> <li>▪ Controlled burn activities</li> <li>▪ Hazard reduction/mitigation</li> <li>▪ Landholders and residents</li> <li>▪ Permits to light fires</li> <li>▪ Regional wildfire mitigation coordination</li> <li>▪ Information package</li> <li>▪ Community engagement</li> <li>▪ Prepare-Act-Survive National Framework</li> <li>▪ Media</li> <li>▪ Internet</li> <li>▪ Volunteer community educators</li> <li>▪ Declared fire danger period in Qld</li> <li>▪ Neighbourhood safer places</li> <li>▪ Fire Danger rating signs</li> <li>▪ Council all hazards study</li> </ul>	<p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QFRS air operations capability</li> <li>▪ Community alert and messaging</li> <li>▪ Bushfire investigation</li> <li>▪ QFRA</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
5B	There is a potential that a bushfire event may occur in the Maryborough Disaster District which may impact on the environment.	Bush Fire	Environment	<ul style="list-style-type: none"> <li>▪ Controlled burn activities</li> <li>▪ Hazard reduction/mitigation</li> <li>▪ Landholders and residents</li> <li>▪ Permits to light fires</li> <li>▪ Regional wildfire mitigation coordination</li> <li>▪ Information package</li> <li>▪ Community engagement</li> <li>▪ Educating the community</li> </ul>	<p>DERM Bushfire management working group Regional interdepartmental committee</p>

				<ul style="list-style-type: none"> <li>▪ Prepare-Act-Survive National Framework</li> <li>▪ Media</li> <li>▪ Internet</li> <li>▪ Volunteer community educators</li> <li>▪ Declared fire danger period in Qld</li> <li>▪ Neighbourhood safer places</li> <li>▪ Fire Danger rating signs</li> <li>▪ Council all hazards study</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ State Planning Policy 1/03 – Mitigating the Adverse Impacts of Floods, Bushfires and Landslides</li> </ul>	
5C	There is a potential that a bushfire event may occur in the Maryborough Disaster District causing wide spread damage to lines of communications, transportation routes, property, agriculture, local business and industry.	Bush Fire	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
5D	There is a potential that a bushfire event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support the communities of the Maryborough Disaster District.	Bush Fire	Public Administration	Agency Business Continuity Plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>

5E	There is a potential that a bushfire event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.	Bush Fire	Social Setting	<ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	DoC Centrelink Volunteer organisations Private sector Local government <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
5F	There is a potential that a bushfire event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.	Bush Fire	Infrastructure	Agency Business Continuity Plans	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
6A	There is a potential that a seismic event may occur in the Maryborough Disaster District which may impact on its inhabitants.	Earthquake	People	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Emergency Alert (post event)</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> </ul>

					<ul style="list-style-type: none"> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Requisite govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
6B	There is a potential that a seismic event may occur in the Maryborough Disaster District which may impact on the environment.	Earthquake	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> </ul>	DERM
6C	There is a potential that a seismic event may occur in the Maryborough Disaster District causing wide spread damage to properties, agriculture, local business and industry.	Earthquake	Economy	Business continuity plans	<p>Private sector Local government <b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
6D	There is a potential that a seismic event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Earthquake	Public Administration	Agency Business Continuity Plans	<p>Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
6E	There is a potential that a seismic event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the	Earthquake	Social Setting	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>

	attendant loss of income and significant financial distress.			<ul style="list-style-type: none"> <li>▪ Outreach Programs</li> </ul>	
6F	There is a potential that a seismic event may occur in the Maryborough Disaster District which may cause the failure of significant infrastructure and service delivery.	Earthquake	Infrastructure	<ul style="list-style-type: none"> <li>▪ Business Continuity Plans</li> </ul>	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> <li>▪</li> </ul>
7	There is a potential that a major transport incident involving an aircraft, motor vehicle, train or ship may occur in the Maryborough District.	<ul style="list-style-type: none"> <li>▪ Explosion</li> <li>▪ Terrorism</li> <li>▪ Chemical, Fuel, oil spill</li> <li>▪ Gas Leak</li> <li>▪ Electrical or mechanical failure</li> <li>▪ Crash</li> </ul>	<ul style="list-style-type: none"> <li>▪ People</li> <li>▪ Environment</li> <li>▪ Economy</li> <li>▪ Public Administration</li> <li>▪ Social Setting</li> <li>▪ Infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>▪ Organisational management plans and procedures</li> <li>▪ Transport Legislation and Regulations</li> <li>▪ Public awareness</li> <li>▪ Vehicle &amp; Aircraft safety improvements</li> <li>▪ Navigational Aids</li> <li>▪ Exercising DM Plans</li> <li>▪ Road Engineering</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a CBRE incident (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QAS</li> <li>▪ QFRS</li> <li>▪ Qld Rail</li> <li>▪ VMR</li> <li>▪ Air Services Australia</li> <li>▪ CASA</li> <li>▪ Medical Services</li> <li>▪ ATSB</li> <li>▪ WH&amp;S Inspector</li> <li>▪ RAAF</li> <li>▪ ADF</li> <li>▪ Airlines</li> <li>▪ DoC</li> <li>▪ EMQ</li> <li>▪ SES</li> <li>▪ DTMR</li> <li>▪ MSQ</li> <li>▪ Business continuity</li> </ul>

					plans
8A	There is a potential that an Infestation, plague or epidemic event may occur in the Maryborough Disaster District which may impact on people.	Infestation, plague or epidemic	People	<ul style="list-style-type: none"> <li>▪ Queensland Pandemic Influenza Plan</li> <li>▪ Agency PI Plans</li> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Legislation</li> <li>▪ Safety Guidelines</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Qld Health</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
8B	There is a potential that an Infestation, plague or epidemic event may occur in the Maryborough Disaster District which may impact on the environment.	Infestation, plague or epidemic	Environment	DEEDI – Bio security Qld	<b>Awaiting input from DEEDI</b>
8C	There is a potential that a Infestation, plague or epidemic event may occur in the Maryborough Disaster District causing wide spread damage to property, agriculture, local business and industry.	Infestation, plague or epidemic	Economy	DEEDI – Bio security Qld	<b>Awaiting input from DEEDI</b>

8D	There is a potential that an Infestation, plague or epidemic event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Infestation, plague or epidemic	Public Administration	Agency Business Continuity Plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>Private sector</li> <li>Local government</li> <li>All State government agencies</li> </ul>
8E	There is a potential that a Infestation, plague or epidemic event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.	Infestation, plague or epidemic	Social Setting	<ul style="list-style-type: none"> <li>SDRA</li> <li>NDRRA</li> <li>Business Continuity Plans</li> <li>Recovery Centres</li> <li>Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>DoC</li> <li>Centrelink</li> <li>Volunteer organisations</li> </ul>
8F	There is a potential that an Infestation, plague or epidemic event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.	Infestation, plague or epidemic	Infrastructure	Agency Business Continuity Plans	<ul style="list-style-type: none"> <li>LDMG</li> <li>DDMG</li> <li>ERGON</li> <li>Telstra</li> <li>Optus</li> <li>Local Government</li> <li>Requisite govt agencies</li> </ul>
9A	There is a potential that an underwater seismic disturbance may create a tsunami which will flood coastal communities of the Maryborough Disaster District impacting on the inhabitants.	Tsunami	People	<ul style="list-style-type: none"> <li>Public awareness</li> <li>Drainage maintenance</li> <li>Emergency Alert</li> <li>FCRC Evacuation Plan and Maps</li> <li>Tsunami Notification Guidelines</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) <ul style="list-style-type: none"> <li>LDMG</li> <li>DDMG</li> <li>QPS</li> <li>SES</li> <li>Volunteer organisations</li> <li>Red Cross</li> <li>Medical Services</li> <li>Evacuation arrangements</li> <li>Evacuation centres</li> <li>Places of refuge</li> <li>Special needs facility</li> </ul>

					<ul style="list-style-type: none"> <li>management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ All govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
9B	There is a potential that an underwater seismic disturbance may create a tsunami which will flood coastal communities of the Maryborough Disaster District and result in the salt water inundation of coastal vegetation.	Tsunami	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> </ul>	DERM
9C	There is a potential that an underwater seismic disturbance may create a tsunami which will flood coastal communities causing wide spread damage to properties, agriculture and local business and industry.	Tsunami	Economy	Business continuity plans	Private sector Local government <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
9D	There is a potential that an underwater seismic disturbance may create a tsunami which will flood coastal communities and will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Tsunami	Public Administration	Business Continuity Plans DDMG Scenario planning exercise undertaken	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
9E	There is a potential that an underwater seismic event may create a tsunami which will flood low lying areas of the Maryborough Disaster District causing wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social	Tsunami	Social Setting	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>

	environment and commercial activity with the attendant loss of income and significant financial distress.			<ul style="list-style-type: none"> <li>Outreach Programs</li> </ul>	
9F	There is a potential that an underwater seismic disturbance may create a tsunami which will flood coastal communities of the Maryborough Disaster District and cause the failure of significant infrastructure and service delivery.	Tsunami	Infrastructure	<ul style="list-style-type: none"> <li>Levee banks</li> <li>Building regulations</li> <li>Drainage maintenance</li> <li>Urban planning</li> </ul>	<ul style="list-style-type: none"> <li>LDMG</li> <li>DDMG</li> <li>ERGON</li> <li>Telstra</li> <li>Optus</li> <li>Local Government</li> <li>Requisite govt agencies</li> </ul>
10A	There is a potential that a landslide may occur in the Maryborough Disaster District which may result in the injury or loss of life of people.	Landslide	People	<ul style="list-style-type: none"> <li>Public Awareness</li> <li>Agency Planning</li> <li>State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide</li> </ul>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>LDMG</li> <li>DDMG</li> <li>QPS</li> <li>SES</li> <li>DoC</li> <li>Volunteer organisations</li> <li>Medical Services</li> <li>Evacuation arrangements</li> <li>Evacuation centres</li> <li>Requisite govt. agencies</li> <li>Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
10B	There is a potential that a landslide may occur in the Maryborough Disaster District which may impact on the environment	Landslide	Environment	<ul style="list-style-type: none"> <li>DERM Disaster Management Plan</li> <li>State Planning Policy 1/03 – Mitigating the Adverse Impacts of Floods, Bushfires and Landslides</li> </ul>	DERM
10C	There is a potential that a flood event may occur in the Maryborough Disaster District causing damage to	Landslide	Economy	<ul style="list-style-type: none"> <li>Agency business continuity plans</li> <li>Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b>

	<p>lines of communications, transportation routes, property, agriculture, local business and industry.</p> <ul style="list-style-type: none"> <li>▪ Impact on agriculture may be localised</li> <li>▪ Impact on transport may affect primary industry</li> </ul>				<ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
10D	<p>There is a potential that a landslide event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support the communities of the Maryborough Disaster District.</p>	Landslide	Public Administration	Agency Business Continuity Plans	<p>Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
10E	<p>There is a potential that a landslide event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.</p>	Landslide	Social Setting	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>
10F	<p>There is a potential that a landslide event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.</p>	Landslide	Infrastructure		<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
11A	<p>There is a potential that a chemical/fuel oil spill event may occur in the Maryborough Disaster District which may impact on people.</p>	Chemical/fuel oil spill	People	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Legislation</li> <li>▪ Safety Guidelines</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a CBRE incident (PSPA)</p> <p>Declaration of a Disaster (DM)</p>

					Act 2003) Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ CHEM Unit DCS</li> <li>▪ QAS</li> <li>▪ DTMR Dangerous Goods Branch</li> <li>▪ SES</li> <li>▪ WH&amp;S Inspector</li> <li>▪ Medical Services</li> <li>▪ Air Services Australia</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
11B	There is a potential that a chemical/fuel oil spill event may occur in the Maryborough Disaster District which may impact on the environment.	Chemical/fuel oil spill	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ State Incident Response Network (PH 1300 13372)</li> </ul>	DERM
11C	There is a potential that a chemical/fuel oil spill event may occur in the Maryborough Disaster District causing wide spread damage to lines of communications, transportation routes, property, agriculture, local business and industry.	Chemical/fuel oil spill	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b>

					<ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
11D	There is a potential that a chemical/fuel oil spill event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Chemical/fuel oil spill	Public Administration	Agency Business Continuity Plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
11E	There is a potential that a chemical/fuel oil spill event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.	Chemical/fuel oil spill	Social Setting	<ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>
11F	There is a potential that a chemical/fuel oil spill event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.	Chemical/fuel oil spill	Infrastructure	Agency Business Continuity Plans	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
12A	There is a potential that an explosion may occur in the Maryborough Disaster District which may result in the injury or loss of life of people. <ul style="list-style-type: none"> <li>▪ An explosion may have devastating affect on a localised area within the region</li> </ul>	Explosion	People	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Legislation</li> <li>▪ Safety Guidelines</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) Agency Response Plans <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> </ul>

					<ul style="list-style-type: none"> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ ADF</li> <li>▪ DoC</li> <li>▪ Medical Services</li> <li>▪ Evacuation guidelines</li> <li>▪ Evacuation centres</li> <li>▪ Requisite govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
12B	There is a potential that an explosion may occur in the Maryborough Disaster District which may impact on the environment.	Explosion	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ State Incident Response Network (PH 1300 13372)</li> </ul>	DERM
12C	<p>There is a potential that an explosion event may occur in the Maryborough Disaster District causing wide spread damage to lines of communications, transportation routes, property, agriculture, local business and industry.</p> <ul style="list-style-type: none"> <li>▪ An explosion may have devastating affect on a localised area within the region</li> </ul>	Explosion	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	<p>Private sector Local government <b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
12D	<p>There is a potential that an explosion event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.</p> <ul style="list-style-type: none"> <li>▪ An explosion may have devastating affect</li> </ul>	Explosion	Public Administration	Agency Business Continuity Plans	<p>Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>

	on a localised area within the region				
12E	<p>There is a potential that an explosion event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.</p> <ul style="list-style-type: none"> <li>▪ An explosion may have devastating affect on a localised area within the region</li> </ul>	Explosion	Social Setting	<ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>
12F	<p>There is a potential that an explosion event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.</p>	Explosion	Infrastructure	Agency Business Continuity Plans	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
13A	<p>There is a potential that a gas leak event may occur in the Maryborough Disaster District which may impact on the people.</p>	Gas leak	People	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Legislation</li> <li>▪ Safety Guidelines</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)  Declaration of a Disaster (DM Act 2003)  Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ Origin Energy plans</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ WH&amp;S Inspector</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility</li> </ul>

					<ul style="list-style-type: none"> <li>▪ management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
13B	There is a potential that a gas leak event may occur in the Maryborough Disaster District which may impact on the environment.	Gas leak	Environment	<ul style="list-style-type: none"> <li>▪ DEEDI Lead Agency</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ State Incident Response Network (PH 1300 13372)</li> </ul>	DERM
13C	There is a potential that a gas leak event may occur in the Maryborough Disaster District causing wide spread damage to lines of communications, transportation routes, property, agriculture, local business and industry.	Gas leak	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
13D	There is a potential that a gas leak event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Gas leak	Public Administration	Agency Business Continuity Plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
13E	There is a potential that a gas leak event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the	Gas leak	Social Setting	<ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>

	attendant loss of income and significant financial distress.				
13F	There is a potential that a gas leak event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.	Gas leak	Infrastructure	<ul style="list-style-type: none"> <li>▪ Agency Business Continuity Plans</li> </ul>	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
14A	Maryborough Disaster District may be subject to a failure of, or disruption to, an essential service or infrastructure	Failure of, or disruption to, an essential service or infrastructure	People	Agency Business Continuity Plans	<p>Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
14B	There is a potential that a failure of, or disruption to, an essential service or infrastructure event may occur in the Maryborough Disaster District which may impact on the environment.	Failure of, or disruption to, an essential service or infrastructure	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ Business Continuity Plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ DERM</li> <li>▪ Local government</li> </ul>

14C	There is a potential that a failure of, or disruption to, an essential service or infrastructure event may occur in the Maryborough Disaster District causing wide spread damage to property, agriculture, local business and industry.	Failure of, or disruption to, an essential service or infrastructure	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
14D	There is a potential that a failure of, or disruption to, an essential service or infrastructure event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Failure of, or disruption to, an essential service or infrastructure	Public Administration	Agency Business Continuity Plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
14E	There is a potential that a Failure of, or disruption to, an essential service or infrastructure event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress.	Failure of, or disruption to, an essential service or infrastructure	Social Setting	<ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>
15A	Maryborough Disaster District may be subject to an act of terrorism	Terrorism	People	<ul style="list-style-type: none"> <li>▪ Agency Business Continuity Plans</li> <li>▪ Public Awareness</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Current safety procedures</li> <li>▪ Legislation</li> <li>▪ Safety Guidelines</li> </ul>	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> </ul>

					<ul style="list-style-type: none"> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
15B	There is a potential that a terrorism event may occur in the Maryborough Disaster District which may impact on the environment.	Terrorism	Environment	DERM Disaster Management Plan	DERM
15C	There is a potential that a terrorism event may occur in the Maryborough Disaster District causing wide spread damage to property, agriculture, local business and industry.	Terrorism	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Agency Specific response Plans Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> </ul> Coordinate Industry and government recovery and response planning actions
15D	There is a potential that a terrorism event may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support coastal communities of the Maryborough Disaster District.	Terrorism	Public Administration	Agency Business Continuity Plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>

15E	There is a potential that a terrorism event may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial distress	Terrorism	Social Setting	SDRA NDRRA Business Continuity Plans Recovery Centres Outreach Programs	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>
15F	There is a potential that a terrorism event may occur in Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.	Terrorism	Infrastructure	Agency Business Continuity Plans	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
16A	There is a potential that a Dam Failure may occur in the Maryborough Disaster District which may impact on the people.	Dam Failure	People	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Legislation</li> <li>▪ Safety Guidelines</li> </ul>	<ul style="list-style-type: none"> <li>▪ Declaration of an Emergency Situation (PSPA)</li> <li>▪ Declaration of a Disaster (DM Act 2003)</li> <li>▪ Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ Wide Bay Water – Lenthall Dam</li> </ul> </li> <li>▪ Emergency Action Plan</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ WH&amp;S Inspector</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> </ul>

					<ul style="list-style-type: none"> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul>
16B	There is a potential that a Dam Failure may occur in the Maryborough Disaster District which may impact on the environment.	Dam failure	Environment	<ul style="list-style-type: none"> <li>▪ DERM Disaster Management Plan</li> <li>▪ State Incident Response Network (PH 1300 13372)</li> </ul>	DERM
16C	There is a potential that a Dam Failure may occur in the Maryborough Disaster District causing wide spread damage to lines of communications, transportation routes, property, agriculture, local business and industry.	Dam Failure	Economy	<ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> </ul>	Private sector Local government <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul>
16D	There is a potential that a Dam Failure may occur in the Maryborough Disaster District which will impact on the capacity of public administration to support communities of the Maryborough Disaster District.	Dam Failure	Public Administration	Agency Business Continuity Plans	Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> </ul>
16E	There is a potential that a Dam Failure may occur in the Maryborough Disaster District which will cause wide spread damage to property, agriculture, livestock losses thereby severely impacting on the social environment and commercial activity with the attendant loss of income and significant financial	Dam Failure	Social Setting	<ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>

	distress.				
16F	There is a potential that a Dam Failure may occur in the Maryborough Disaster District the effects of which may cause the failure of significant infrastructure and service delivery.	Dam Failure	Infrastructure	<ul style="list-style-type: none"> <li>▪ Agency Business Continuity Plans</li> </ul>	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> <li>▪ Local Government</li> <li>▪ Requisite govt agencies</li> </ul>
		▪			
		▪			
		▪			

Risk Analysis						
Risk No	Level of Existing PP Controls	Level of Existing RR Controls	Likelihood	Consequence	Risk	Confidence Level
1.1 Minor Flood	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Agency Planning</li> <li>▪ State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide</li> <li>▪ DERM DM Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Levee banks</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> <li>▪ Environmental Plans</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS Swift Water Rescue</li> <li>▪ QAS</li> <li>▪ EMQ</li> <li>▪ QLD Rescue Helicopter</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Private sector</li> <li>▪ Local government</li> </ul> <b>DTMR</b> <ul style="list-style-type: none"> <li>▪ Transport DM Plan</li> </ul>	Almost Certain	Insignificant	Medium	High  Flooding analysis based on BOM Flood Warning System for Mary River and NERAG Guidelines

		<p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ All State government agencies</li> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
1.2 Moderate Flood	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Agency Planning</li> <li>▪ State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide</li> <li>▪ DERM DM Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> <li>▪ SDRRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Levee banks</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> <li>Environmental Plans</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS Swift Water Rescue</li> <li>▪ QAS</li> <li>▪ EMQ</li> <li>▪ QLD Rescue Helicopter</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Insurance Council of</li> </ul>	Likely	Minor	Medium	High

		<p>Australia – Catastrophe Arrangements</p> <ul style="list-style-type: none"> <li>▪ DERM</li> <li>▪ Private sector</li> <li>▪ Local government</li> </ul> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ All State government agencies</li> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
1.3 Major Flood	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Agency Planning</li> <li>▪ State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide</li> <li>▪ DERM DM Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> <li>▪ SDRA</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS Swift Water Rescue</li> <li>▪ QAS</li> <li>▪ EMQ</li> <li>▪ QLD Rescue Helicopter</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> </ul>	Likely	Moderate	High	High

	<ul style="list-style-type: none"> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Levee banks</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> </ul> <p>Environmental Plans</p>	<ul style="list-style-type: none"> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Private sector</li> <li>▪ Local government</li> </ul> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ All State government agencies</li> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
2.1. Cyclone Category 1 90-125kph	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal Preparedness</li> <li>▪ Identification of evacuation centres</li> <li>▪ Establishment of evacuation centres</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> </ul>	Likely	Insignificant	Low	High
						All cyclone analysis based on State Wide Natural Hazard Risk Assessment

	<ul style="list-style-type: none"> <li>▪ Established support networks</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ Agency Business Continuity Plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Auxiliary power generation options</li> <li>▪ Generator distribution plan</li> <li>Generator fuel resupply plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				Report # 2 and NERAG Guidelines
2.2. Cyclone Category 2 125-164kph	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal Preparedness</li> <li>▪ Identification of evacuation centres</li> <li>▪ Establishment of evacuation centres</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> </ul>	Likely	Minor	Medium	High

	<ul style="list-style-type: none"> <li>▪ Established support networks</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ Agency Business Continuity Plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Auxiliary power generation options</li> <li>▪ Generator distribution plan</li> <li>Generator fuel resupply plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
2.3. Cyclone Category 3 165-224kph	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal Preparedness</li> <li>▪ Identification of evacuation centres</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Possible	Major	High	Moderate

	<ul style="list-style-type: none"> <li>▪ Establishment of evacuation centres</li> <li>▪ Established support networks</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ Agency Business Continuity Plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Auxiliary power generation options</li> <li>▪ Generator distribution plan</li> <li>Generator fuel resupply plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
2.4. Cyclone Category 4 225-279kph	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal Preparedness</li> <li>▪ Identification of evacuation centres</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Unlikely	Major	Medium	Moderate

	<ul style="list-style-type: none"> <li>▪ Establishment of evacuation centres</li> <li>▪ Established support networks</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ Agency Business Continuity Plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Auxiliary power generation options</li> <li>▪ Generator distribution plan</li> <li>▪ Generator fuel resupply plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
2.5. Cyclone Category 5	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal Preparedness</li> <li>▪ Identification of evacuation centres</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Unlikely	Catastrophic	High	Moderate

280+ kph	<ul style="list-style-type: none"> <li>▪ Establishment of evacuation centres</li> <li>▪ Established support networks</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ Agency Business Continuity Plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Auxiliary power generation options</li> <li>▪ Generator distribution plan</li> <li>Generator fuel resupply plan</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
3.1 Storm Surge Red Zone Up to 1 metre above	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ National Storm Tide Mapping Model for</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Possible	Moderate	Medium	Moderate  Storm surge analysis based on FCRC

HAT	<ul style="list-style-type: none"> <li>▪ Emergency Response</li> <li>▪ Public awareness</li> <li>▪ Drainage maintenance</li> <li>▪ Emergency Alert</li> <li>▪ Tropical Cyclone Storm Tide Warning Response System</li> <li>▪ State Coastal Management Plan</li> <li>▪ Business continuity plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				assessment, Emergency Action Guide and State Wide Natural Hazard Risk Assessment Report # 3 and NERAG Guidelines
3.2 Storm Surge Orange Zone 1 – 2 metres above HAT	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ National Storm Tide Mapping Model for</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Possible	Moderate	Medium	Moderate

	<ul style="list-style-type: none"> <li>▪ Emergency Response</li> <li>▪ Public awareness</li> <li>▪ Drainage maintenance</li> <li>▪ Emergency Alert</li> <li>▪ Tropical Cyclone Storm Tide Warning Response System</li> <li>▪ State Coastal Management Plan</li> <li>▪ Business continuity plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
<p>3-3 Storm Surge Yellow Zone 2-4 metres above HAT</p>	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ National Storm Tide Mapping Model for</li> </ul>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Unlikely	Major	Medium	Low

	<ul style="list-style-type: none"> <li>▪ Emergency Response</li> <li>▪ Public awareness</li> <li>▪ Drainage maintenance</li> <li>▪ Emergency Alert</li> <li>▪ Tropical Cyclone Storm Tide Warning Response System</li> <li>▪ State Coastal Management Plan</li> <li>▪ Business continuity plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
3.4 Storm Surge Blue Zone Greater than 4 metres above HAT	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ National Storm Tide Mapping Model for</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Unlikely	Catastrophic	High	Low

	<ul style="list-style-type: none"> <li>▪ Emergency Response</li> <li>▪ Public awareness</li> <li>▪ Drainage maintenance</li> <li>▪ Emergency Alert</li> <li>▪ Tropical Cyclone Storm Tide Warning Response System</li> <li>▪ State Coastal Management Plan</li> <li>▪ Business continuity plans – reviewed and updated prior to cyclone season</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> <li>▪ Building regulations</li> <li>▪ Drainage maintenance</li> <li>▪ Urban planning</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
4. Severe Storm	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Agency Planning</li> <li>▪ Emergency Alert</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Almost Certain	Minor	Medium	High

	<ul style="list-style-type: none"> <li>▪ State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> <li>▪ SDRRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> <li>▪ DERM</li> <li>▪ Local Government</li> <li>▪ Private sector</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ DoC</li> <li>▪ DEEDI</li> <li>▪ Centrelink</li> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
5.1 Bush Fire Level 1 Minor fire (Aug – Feb)	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Emergency Alert</li> <li>▪ Evacuation</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> </ul>	Possible	Minor	Low	High
						Bushfire analysis based on information from

	<ul style="list-style-type: none"> <li>▪ Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Current safety procedures</li> <li>▪ Legislation</li> <li>▪ Controlled burn activities</li> <li>▪ Hazard reduction/mitigation</li> <li>▪ Landholders and residents</li> <li>▪ Permits to light fires</li> <li>▪ Regional wildfire mitigation coordination</li> <li>▪ Information packages</li> <li>▪ Community engagement</li> <li>▪ Prepare-Act-Survive National Framework</li> <li>▪ Media</li> <li>▪ Internet</li> <li>▪ Volunteer community educators</li> <li>▪ Declared fire danger period in Qld</li> <li>▪ Neighbourhood safer places</li> <li>▪ Fire Danger rating signs</li> <li>▪ Council all hazards study</li> <li>▪ State Planning Policy 1/03 – Mitigating the Adverse Impacts of Floods, Bushfires and Landslides</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity</li> </ul>	<ul style="list-style-type: none"> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QFRS air operations capability</li> <li>▪ Bushfire investigation</li> <li>▪ QFRA</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul> <p><b>DERM</b> Bushfire management working group Regional interdepartmental committee</p> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ ERGON</li> </ul>				<p>QFRS and State-Wide Natural Hazard Risk Assessment Report # 2 and 7 and NERAG Guidelines</p>
--	---	--	--	--	--	---

	<ul style="list-style-type: none"> <li>▪ Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Telstra</li> <li>▪ Optus</li> </ul>				
<p>5.2 Bush Fire Level 2 Moderate fire (Aug – Feb)</p>	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Emergency Alert</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Current safety procedures</li> <li>▪ Legislation</li> <li>▪ Controlled burn activities</li> <li>▪ Hazard reduction/mitigation</li> <li>▪ Landholders and residents</li> <li>▪ Permits to light fires</li> <li>▪ Regional wildfire mitigation coordination</li> <li>▪ Information packages</li> <li>▪ Community engagement</li> <li>▪ Prepare-Act-Survive National Framework</li> <li>▪ Media</li> <li>▪ Internet</li> <li>▪ Volunteer community educators</li> <li>▪ Declared fire danger period in Qld</li> <li>▪ Neighbourhood safer places</li> <li>▪ Fire Danger rating signs</li> <li>▪ Council all hazards</li> </ul>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QFRS air operations capability</li> <li>▪ Bushfire investigation</li> <li>▪ QFRA</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul> <p><b>DERM</b> Bushfire management working group Regional interdepartmental committee</p> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p>	Possible	Minor	Low	High

	<ul style="list-style-type: none"> <li>▪ study</li> <li>▪ State Planning Policy 1/03 – Mitigating the Adverse Impacts of Floods, Bushfires and Landslides</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul> </li> </ul>				
<p>5-3 Bush Fire Level 3 Major fire (Aug – Feb)</p>	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Seasonal preparedness</li> <li>▪ Emergency Alert</li> <li>▪ Evacuation Guidelines</li> <li>▪ Evacuation Centres</li> <li>▪ Current safety procedures</li> <li>▪ Legislation</li> <li>▪ Controlled burn activities</li> <li>▪ Hazard reduction/mitigation</li> <li>▪ Landholders and residents</li> <li>▪ Permits to light fires</li> <li>▪ Regional wildfire mitigation coordination</li> <li>▪ Information packages</li> <li>▪ Community engagement</li> <li>▪ Prepare-Act-Survive National Framework</li> <li>▪ Media</li> <li>▪ Internet</li> </ul>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QFRS air operations capability</li> <li>▪ Bushfire investigation</li> <li>▪ QFRA</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ DoC</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia – Catastrophe</li> </ul>	Possible	Moderate	Medium	High

	<ul style="list-style-type: none"> <li>▪ Volunteer community educators</li> <li>▪ Declared fire danger period in Qld</li> <li>▪ Neighbourhood safer places</li> <li>▪ Fire Danger rating signs</li> <li>▪ Council all hazards study</li> <li>▪ State Planning Policy 1/03 – Mitigating the Adverse Impacts of Floods, Bushfires and Landslides</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Business Continuity Plans</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<p>Arrangements</p> <p><b>DERM</b> Bushfire management working group Regional interdepartmental committee</p> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ ERGON</li> <li>▪ Telstra</li> <li>▪ Optus</li> </ul> </li> </ul>				
6.1 Earth-quake 4.0	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Emergency Alert (post event)</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> </ul>	Possible	Insignificant	Low	Moderate
						Earthquake analysis based on State-Wide Natural Hazard risk Assessment Report # 2

		<ul style="list-style-type: none"> <li>▪ Qld Resupply Guidelines</li> <li>▪ Requisite govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul> <p><b>DERM</b></p> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>				
	▪					
6.2 Earth-quake 4.5	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Emergency Alert (post event)</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> </ul>	Possible	Insignificant	Low	Moderate

		<ul style="list-style-type: none"> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Requisite govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul> <p><b>DERM</b></p> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> <li>▪ DoC</li> <li>▪ Centrelink</li> <li>▪ Volunteer organisations</li> </ul>				
6.3 Earthquake 5-5	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Emergency Alert (post event)</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> </ul>	Possible	Insignificant	Low	Moderate

	Outreach Programs	<ul style="list-style-type: none"> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Requisite govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul> <p><b>DERM</b></p> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> <li>▪ DoC</li> <li>▪ Centrelink</li> </ul> <p>Volunteer organisations</p>				
6.4 Earthquake 6	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Emergency Alert (post event)</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> </ul>	<p>Declaration of an Emergency Situation (PSPA)</p> <p>Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> </ul>	Possible	Insignificant	Low	Moderate

	<ul style="list-style-type: none"> <li>▪ Recovery Centres Outreach Programs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Requisite govt. agencies</li> <li>▪ Insurance Council of Australia – Catastrophe Arrangements</li> </ul> <p><b>DERM</b></p> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> <li>▪ Agency Specific response Plans</li> <li>▪ Private sector</li> <li>▪ Local government</li> <li>▪ All State government agencies</li> <li>▪ DoC</li> <li>▪ Centrelink</li> </ul> <p>Volunteer organisations</p>				
7 Major Transport Incident	<p>Transport Legislation and Regulations Public Education Road engineering Vehicle &amp; Aircraft safety improvements Navigational aids Exercising DM plans</p>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS\</li> <li>▪ SES</li> <li>▪ DTMR</li> <li>▪ Qld Rail</li> </ul>	Possible	Moderate	Medium	High

		<ul style="list-style-type: none"> <li>▪ MSQ</li> <li>▪ VMR</li> <li>▪ CASA</li> <li>▪ Dept of Public Works</li> <li>▪ Business Continuity Plans</li> <li>▪ DoC</li> <li>▪ Emergency Shelters</li> <li>▪ Volunteer Organisations</li> <li>▪ Medical Services</li> <li>▪ Evacuation Arrangements</li> <li>▪ DEEDI</li> <li>▪ DERM</li> </ul>				
8.1 Pandemic	<p>Public Education Federal and State pandemic policies Stockpile medications Provision of PPE Exercising DM plans</p>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ Qld Health Infection control guidelines</li> <li>▪ Business Continuity Plans</li> </ul>	Possible	Moderate	Medium	<p>Low Pandemic risk analysis based on information from Geoff Dawson Qld Health.</p>
8.2 Plant and Animal Disease	<p>Public Education Federal and State Animal and Plant disease policies Border Control Livestock Registration Scheme Exercising DM plans</p>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ Agency Specific Response plans</li> <li>▪ DEEDI</li> <li>▪ Bio Security</li> <li>▪ Restrictions for animal, plant and soil movements.</li> </ul>	Possible	Moderate	Medium	<p>Moderate (check with DEEDI)</p>
8.3 Insect and Vermin Plague	<p>Federal and State Animal and Plant Disease policies Exercising DM plans</p>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> </ul>	Unlikely	Moderate	Medium	<p>Moderate(check with DEEDI)</p>

		<ul style="list-style-type: none"> <li>▪ QPS</li> <li>▪ DEEDI</li> <li>▪ Bio Security</li> <li>▪ Agency Specific plans</li> </ul>				
						Moderate
9.1 Tsunami Marine Threat	Public Awareness Tsunami Notification Guidelines NOTAMS	Australian Maritime Safety Authority Maritime Safety Qld DTMR	Possible	Insignificant	Low	Low
9.2 Tsunami Land Threat	<ul style="list-style-type: none"> <li>▪ Public awareness</li> <li>▪ Drainage maintenance</li> <li>▪ Emergency Alert</li> <li>▪ FCRC Evacuation Plan and Maps</li> <li>▪ Tsunami Notification Guidelines</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Species Recovery programs</li> <li>▪ Business continuity plans</li> <li>▪ Exercise DM Plans</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> <li>▪ Outreach Programs</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ All govt. agencies</li> </ul> Insurance Council of Australia – Catastrophe Arrangements DERM <b>DEEDI</b> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> </ul> Coordinate Industry and government recovery and response planning actions DoC	Possible	Major	High	Low

		Centrelink				
10 Landslide	<ul style="list-style-type: none"> <li>▪ Public Awareness</li> <li>▪ Agency Planning</li> </ul> State Planning Policy 1/03: Mitigating the Adverse Impacts of Flood, Bushfire and Landslide <ul style="list-style-type: none"> <li>▪ Agency business continuity plans</li> <li>▪ Private Sector BCP's</li> <li>▪ DERM Disaster Management Plan</li> <li>▪ Building Regulations</li> <li>▪ Drainage Maintenance</li> <li>▪ Urban Planning</li> <li>▪ Exercising DM plans</li> <li>▪ Early Warning System</li> <li>▪ Environmental Planning               <ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> <li>▪ Recovery Centres</li> </ul> </li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> </ul> Local Council SES DTMR Dept of Public Works Business Continuity Plans DoC Emergency Shelters Volunteer Organisations Medical Services Evacuation Arrangements DEEDI DERM	Unlikely	Minor	Low	Moderate
11 Chemical, fuel, oil spill	Legislation DERM DM Plan State Incident Response Network (ph:130013372) Qld Coastal Contingency Action Plan National Marine Oil Spill Contingency Plan Evacuation Guidelines Evacuation Centres Safety Guidelines Public awareness Business continuity plans Exercising DM plans <ul style="list-style-type: none"> <li>▪ Early Warning</li> </ul>	Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) Agency Specific response Plans <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ DTMR Dangerous Goods Branch</li> <li>▪ SES</li> <li>▪ Chem Unit DCS</li> <li>▪ WH&amp;S Inspector</li> <li>▪ Medical Services</li> </ul>	Possible	Major	High	Moderate

	<ul style="list-style-type: none"> <li>System</li> <li>▪ Environmental Planning</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> </ul> <p>Recovery Centres</p>	<ul style="list-style-type: none"> <li>▪ Air Services Australia</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia</li> <li>▪ – Catastrophe Arrangements</li> <li>▪ DERM</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul>				
12. Explosion	<p>Legislation DERM DM Plan State Incident Response Network (ph:130013372) Evacuation Guidelines Evacuation Centres Safety Guidelines Public awareness Business continuity plans Exercising DM plans</p> <ul style="list-style-type: none"> <li>▪ Early Warning System</li> <li>▪ Environmental Planning</li> <li>▪ SDRA</li> <li>▪ NDRRA</li> </ul> <p>Recovery Centres</p>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ DTMR Dangerous Goods Branch</li> <li>▪ SES</li> <li>▪ Chem Unit DCS</li> <li>▪ WH&amp;S Inspector</li> <li>▪ Medical Services</li> <li>▪ Air Services Australia</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> </ul>	Possible	Major	High	Moderate

		<ul style="list-style-type: none"> <li>▪ Insurance Council of Australia</li> <li>▪ – Catastrophe Arrangements</li> <li>▪ DERM</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul>				
13. Gas Leak	<p>Legislation DERM DM Plan State Incident Response Network (ph:130013372) Evacuation Guidelines Evacuation Centres Safety Guidelines Public awareness Business continuity plans Exercising DM plans</p> <ul style="list-style-type: none"> <li>▪ Early Warning System</li> <li>▪ Environmental Planning <ul style="list-style-type: none"> <li>▪ SDRA</li> <li>▪ NDRRA</li> </ul> </li> </ul> <p>Recovery Centres</p>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ DTMR Dangerous Goods Branch</li> <li>▪ Origin Energy Plans</li> <li>▪ SES</li> <li>▪ Chem Unit DCS</li> <li>▪ WH&amp;S Inspector</li> <li>▪ Medical Services</li> <li>▪ Air Services Australia</li> <li>▪ Requisite govt. agencies</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ Insurance Council of Australia</li> <li>▪ – Catastrophe Arrangements</li> </ul>	Possible	Major	High	Moderate

		<ul style="list-style-type: none"> <li>▪ DERM</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> <li>▪ Coordinate Industry and government recovery and response planning actions</li> </ul> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul>				
14. Failure or disruption to Essential Service or Infrastructure	<p>Agency Business Continuity Plans Private Sector BCP's DERM DM Plan SDRA NDRRA Recovery Centres Outreach Programs</p>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003) Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ DERM</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management <ul style="list-style-type: none"> <li>▪ Requisite govt. agencies</li> </ul> </li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> </ul> <p>Insurance Council of Australia – Catastrophe Arrangements</p> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> </ul>	Rare	Moderate	Low	Moderate

		Coordinate Industry and government recovery and response planning actions				
15. Terrorism/Civil Unrest	Agency Business Continuity Plans Public Awareness Evacuation Guidelines Evacuation Centres Current safety procedures Legislation Safety Guidelines	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p> <p>Agency Specific response Plans</p> <ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ QFRS</li> <li>▪ QAS</li> <li>▪ SES</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Special needs facility management <ul style="list-style-type: none"> <li>▪ Requisite govt. agencies</li> </ul> </li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> </ul> <p>Insurance Council of Australia – Catastrophe Arrangements DERM</p> <p><b>DTMR</b></p> <ul style="list-style-type: none"> <li>▪ Transport Disaster Management Plan</li> </ul> <p><b>DEEDI</b></p> <ul style="list-style-type: none"> <li>▪ Procedural Control – Relief funding arrangements coordinated</li> </ul> <p>Coordinate Industry and government recovery and response planning actions</p>	Very Rare	Major	Low	Low Based on info from CT Branch and NERAG Guidelines.
16 Dam Failure	<ul style="list-style-type: none"> <li>▪ DERM DM Plans</li> <li>▪ Exercising DM Plans</li> <li>▪ Public awareness</li> </ul>	<p>Declaration of an Emergency Situation (PSPA) Declaration of a Disaster (DM Act 2003)</p>	Almost Incredible	Catastrophic	Low	High Dam failure analysis based on

	<ul style="list-style-type: none"> <li>▪ Early Warning System</li> <li>▪ Building Regulations</li> <li>▪ Dam maintenance</li> </ul>	<ul style="list-style-type: none"> <li>▪ LDMG</li> <li>▪ DDMG</li> <li>▪ QPS</li> <li>▪ SES</li> <li>▪ Volunteer organisations</li> <li>▪ Red Cross</li> <li>▪ Medical Services</li> <li>▪ Evacuation arrangements</li> <li>▪ Evacuation centres</li> <li>▪ Places of refuge</li> <li>▪ Special needs facility management</li> <li>▪ Qld Disaster Relief &amp; Recovery Arrangements</li> <li>▪ Qld Resupply Guidelines</li> <li>▪ All govt. agencies</li> <li>▪ Insurance Council of Australia Catastrophe Arrangements</li> <li>▪ Wide Bay Water - Lenthall Dam Emergency Action Plan</li> </ul>				info from Peter Care Wide Bay Water, NERAG Guidelines and Lenthall Dam Emergency Action Plan.

<b>Risk Evaluation</b>						
Risk No	Tolerability	Treatment Strategies	Residual Likelihood	Residual Consequence	Residual Risk	Further Action
1.1 Minor Flood	Tolerable subject to ALARP	Land Use Management Legislation Community Education & Awareness Warning Systems and messages Emergency plans/exercising Implement plans Restore essential services	Almost Certain	Insignificant	Medium	Treatment required, no further analysis
1.2 Moderate Flood	Tolerable subject to ALARP	Land Use Management Legislation Community Education & Awareness Warning Systems and messages Emergency plans/exercising Implement plans Restore essential services	Likely	Minor	Medium	Treatment required, no further analysis
1.3 Major Flood	Tolerable subject to ALARP	Land Use Management Legislation Community Education & Awareness Warning Systems and messages Emergency plans/exercising Implement plans Activate coordination centre Restore essential services Financial support & assistance	Likely	Moderate	High	Treatment required, no further analysis
2.1 Cyclone Category 1	Broadly Acceptable	n/a	Likely	Insignificant	Low	No further treatment or analysis required
2.2 Cyclone Category 2	Tolerable subject to ALARP		Likely	Minor	Medium	Treatment required, no further analysis

2.3 Cyclone Category 3	Tolerable subject to ALARP		Possible	Major	High	Treatment required, no further analysis
2.4 Cyclone Category 4	Tolerable subject to ALARP		Unlikely	Major	Medium	Treatment required no further analysis
2.5 Cyclone Category 5	Tolerable subject to ALARP	Evacuation Routes and Plans DM Plans, training and exercises Community education programs	Unlikely	Catastrophic	High	Treatment required no further analysis
3.1 Storm Surge Red Zone	Tolerable subject to ALARP	<ul style="list-style-type: none"> <li>Improved Evacuation Plans for affected areas.</li> <li>Training for Emergency Services in evacuation of community.</li> <li>Improved public education program.</li> </ul>	Possible	Moderate	Medium	Treatment required no further analysis
3.2 Storm Surge Orange Zone	Tolerable subject to ALARP	•	Possible	Moderate	Medium	Treatment required no further analysis
3.3 Storm Surge Yellow Zone	Tolerable subject to ALARP	•	Unlikely	Major	Medium	Treatment required no further analysis
3.4 Storm Surge Blue Zone	Intolerable	•	Unlikely	Catastrophic	High	Treatment required with further analysis
4. Severe Storm	Tolerable subject to ALARP	•	Almost Certain	Minor	Medium	Treatment required no further analysis
5.1 Bush Fire Level 1 Minor	Broadly Acceptable	Land use management Fuel reduction burning/fire break maintenance Legislation Fire management strategy	Possible	Minor	Low	No further treatment or analysis required

		Community education & awareness Emergency plans, training, exercises. Warning Systems and messages				
5.2 Bush Fire Level 2 Moderate	Broadly Acceptable	Land use management Fuel reduction burning/fire break maintenance Legislation Fire management strategy Community education & awareness Emergency plans, training, exercises. Warning Systems and messages	Possible	Minor	Low	No further treatment or analysis required
5.3 Bush Fire Level 3 Major	Tolerable subject to ALARP	Land use management Fuel reduction burning/fire break maintenance Legislation Fire management strategy Community education & awareness Emergency plans, training, exercises. Warning Systems and messages	Possible	Moderate	Medium	Treatment required no further analysis
6.1 Earth-quake 4	Broadly Acceptable		Possible	Insignificant	Low	No further treatment or analysis required
6.2 Earth-quake 4-5	Broadly Acceptable		Possible	Insignificant	Low	No further treatment or analysis required
6.3 Earth-quake 5-5	Broadly Acceptable		Possible	Insignificant	Low	No further treatment or analysis required
6.4 Earth-quake 6	Broadly Acceptable		Possible	Insignificant	Low	No further treatment or analysis required
7. Major Transport Incident	Tolerable subject to ALARP		Possible	Moderate	Medium	Treatment required no further analysis

8.1 Pandemic	Tolerable subject to ALARP		Possible	Moderate	Medium	Treatment required no further analysis
8.2 Plant and Animal Disease	Tolerable subject to ALARP	Improve quarantine inspections Community awareness programs.	Possible	Moderate	Medium	Treatment required no further analysis
8.3 Insect & Vermin plague	Tolerable subject to ALARP		Unlikely	Moderate	Medium	Treatment required no further analysis
9.1 Tsunami Marine Threat	Tolerable subject to ALARP		Possible	Insignificant	Low	Treatment required no further analysis
9.2 Tsunami Land Threat	Intolerable		Possible	Major	High	Treatment required with further analysis
10. Landslide	Broadly Acceptable		Unlikely	Minor	Low	No further treatment or analysis required
11. Chemical, fuel, oil spill	Tolerable subject to ALARP		Possible	Major	High	Treatment required no further analysis
12. Explosion	Tolerable subject to ALARP		Possible	Major	High	Treatment required no further analysis
13. Gas Leak	Tolerable subject to ALARP		Possible	Major	High	Treatment required no further analysis
14. Failure or disruption to Essential Services or Infrastructure	Tolerable subject to ALARP		Rare	Moderate	Low	Treatment required no further analysis

15. Terrorism	Tolerable subject to ALARP		Very Rare	Major	Low	Treatment required no further analysis
16. Dam Failure	Broadly Acceptable		Almost Incredible	Catastrophic	Low	No further treatment or analysis required

**Maryborough District Risk Treatment Plan**

Risk No.	Treatment Strategy	Priority	Responsible Agency	Consequential Actions	Resource Requirements Including Estimated Cost	Implementation Timeframe	Performance Measures Including reporting and monitoring requirements

**District Levels of Activation for Response Arrangements**

	ALERT	LEAN FORWARD		STAND UP		STAND DOWN
		LEVEL ONE	LEVEL TWO	LEVEL ONE	LEVEL TWO	
Trigger	<ul style="list-style-type: none"> <li>One or more LDMGs operational</li> <li>Awareness that threat may be wide spread</li> </ul>	<ul style="list-style-type: none"> <li>Potential requirements for DDMG to coordinate disaster operations</li> </ul>	<ul style="list-style-type: none"> <li>Threat level indicates DDMG support may be required</li> </ul>	<ul style="list-style-type: none"> <li>Request for support received from LDCC</li> <li>Large threat is imminent</li> </ul>	<ul style="list-style-type: none"> <li>Impact in the District</li> <li>Coordinated support required</li> <li>Significant state resources committed</li> </ul>	<ul style="list-style-type: none"> <li>All LDMGs stood down</li> <li>Recovery arrangements functioning<sup>1</sup></li> </ul>
Actions	<ul style="list-style-type: none"> <li>XO brief DDC on activation level of LDMG/s</li> <li>Analysis of threat</li> <li>Contact LDC/s</li> </ul>	<ul style="list-style-type: none"> <li>Maintain contact with all LDCs</li> <li>Communication procedures established</li> <li>Planning commenced for support to DDCC</li> <li>Advise State regarding status of DDMG</li> <li>Establish all contacts</li> <li>Set up email systems</li> </ul>	<ul style="list-style-type: none"> <li>Receipt of SITREPs</li> <li>Brief DDMG Core Members</li> <li>Warning orders given to DDMG</li> <li>Planning for potential support to LDMGs</li> <li>DDC support staff briefed</li> </ul>	<ul style="list-style-type: none"> <li>Develop situational awareness</li> <li>Pass on urgent warnings</li> <li>Commence SITREPs to SDCC</li> <li>Roster developed for DDCC</li> <li>DDCC activated with required staff</li> <li>Forward planning commenced</li> <li>SDCC advised DDMG stood up</li> <li>Regular SITREPs provided to SDCC</li> </ul>	<ul style="list-style-type: none"> <li>DDCC activated and roster commenced</li> <li>Logistics, operations planning and administrative cells in place</li> <li>Coordination of state support commenced</li> <li>Receive advice from State Disaster Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>Final SITREPs to SDMG</li> <li>Debrief of DDCC staff</li> <li>Debrief of DDMG members</li> <li>Finalisation of expenditure</li> <li>Transition from response and recovery to recovery</li> <li>Agencies not involved in recovery operations resume standard business and afterhours contact arrangements</li> </ul>

<sup>1</sup> Full detail on levels of activation for recovery arrangements are outlined in the *Queensland Recovery Guidelines*.

## Reporting Requirements

**1) Meetings:**

- a. Current frequency;
- b. Last meeting date;
- c. Next meeting date

**2) Disaster Management (Functional) Plan:**

- a. Date of last review;
- b. Type of review conducted;
- c. Approval;
- d. Amendments

**3) Training and Development:**

- a. Summary of training conducted – EMQ training database
- b. Training needs identified as per Qld DM Training Framework
- c. Strategies planned to address identified needs

**4) Exercises**

- a. Conducted, including aims, objectives and outcomes;
- b. Planned

**5) Public awareness and education:**

- a. Public awareness/education activities/programs conducted;
- b. Activities/programs planned.

**6) Risk Management/Mitigation:**

- a. Studies Programs applied for/conducted (NDMP);
- b. Mitigation Plans implemented;
- c. Mitigation Measures implemented;
- d. Emergency Risk Management assessment conducted and outcomes;
- e. Impediments to implementation of treatment options

**7) Business continuity:**

- a. The entity has in place a Business Continuity Plan prepared in accordance with the best practice guidelines issues by the Australian National Audit Office

**8) Operational issues:**

- a. Preparedness status
- b. Resource issues:
  - i. Staff
  - ii. Physical and Human Resource availability

### District Disaster Management Plan Legislative Checklist

A DDMG must prepare a district disaster management plan (DDMP) for disaster management in the disaster district for the group (s53(1)).

<b>Under s53(2) the Maryborough DDMP includes:</b>
a. the SDMG's strategic policy framework (SPF) for disaster management for the State;
b. roles and responsibilities of entities involved in disaster operations and disaster management in the district;
c. the coordination of disaster operations and activities relating to disaster management performed by the entities mentioned in paragraph (b);
d. events that are likely to happen in the district;
e. priorities for disaster management for the district;
f. matters stated in the disaster management guidelines as matters to be included in the plan;
g. other matters about disaster management in the disaster district the group considers appropriate.
<b>DDMP Requirements (s54)</b>
The Maryborough DDMP is consistent with the District Disaster Management Guidelines.
<b>Reviewing and renewing the DDMP (s55)</b>
(1) The Maryborough DDMG may review, or renew, its DDMP when the group considers it appropriate. <b>Date last reviewed:</b>
(2) However, the group must review the effectiveness of the plan at least once a year. <b>Next planned review date:</b>
<b>DDMP to be available for inspection (s56)</b>
(1) There is a copy of the Maryborough DDMP available for inspection, free of charge, by members of the public at the Maryborough District Office.
(2) The Maryborough DDMP is available in written or electronic form.
(3) A copy of the Maryborough DDMP can be given to a person on payment of an appropriate fee*, which has been decided by the DDC of the Maryborough DDMG. <i>*An appropriate fee means the fee that is no more than the reasonable cost of providing the copy.</i>






**The following documents form Appendices to this Plan:**

- (i) Maryborough DDMG - District Disaster Coordination Centre Standing Operating Procedures
- (ii) Local Government Disaster Management Plan:
  - Fraser Coast Regional Council Disaster Management Plan
- (iii) Functional Committee Sub-plans:
  - Department of Public Works:
    - Regional Disaster Management Plan 2009
  - Department of Communities:
    - Maryborough District Community Recovery Plan 2010
  - Department of Transport:
    - Transport Disaster Management Plan 2009
  - Queensland Health:
    - Fraser Coast Health Service – Disaster Response Plan 2011
- (iv) Resupplying Isolated Communities Guidelines
- (v) Response - Recovery Transition Strategy

**The following documents should be read in conjunction with the Maryborough District Disaster Management Plan:**

**Hazard Specific Plans**

- *Emergency Animal Disease (DEEDI – Primary Industries and Fisheries)*
- *Emergency Management Plan – Southern Region (Ergon Energy)*
- *FCRC Emergency Action Guide*
- *Lenthall Dam: Emergency Action Plan (Wide Bay Water)*
- *National Marine Oil Spill Contingency Plan 2011 (Australian Maritime Safety Authority)*
- *Queensland Coastal Contingency Action Plan 2011 (Transport & Main Roads)*
- *Queensland Fire and Rescue Service – Fraser Coast Region Wildfire Operational Plan*
- *Queensland Health - Central Area Health Services – Population Health Disaster Plan*
- *Queensland Health Pandemic Influenza Plan 2009*
- *State Disaster Management Plan*

- *Tropical Cyclone Storm Tide Warning-Response System (8th Edition-2008)*
- *Wide Bay Water Incident and Disaster Management Plan*

**Other relevant documentation:**

- *Queensland Ambulance Service Act 1991*
- *Disaster Management Act 2003*
- *Fire and Rescue Service Act 1990*
- *Police Service Administration Act 1990*
- *Public Safety Preservation Act 1986*
- *Queensland District Disaster Management Guidelines*
- *Guidelines for the Standard Emergency Warning Signal (SEWS) and its use in Queensland*
- *Emergency Alert – Queensland Operational Guidelines*
- *Queensland Evacuation Guidelines for Disaster Management Groups*
- *Australian Defence Force ‘Plan Ironbark’ – Details procedures for the provision of assistance to the civil community through the Defence Assistance to the Civil Community.*