

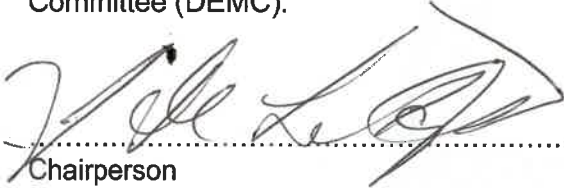


Local Emergency Management Arrangements

SHIRE OF LAKE GRACE

SHIRE OF LAKE GRACE EMERGENCY MANAGEMENT ARRANGEMENTS

These arrangements have been produced and issued under the authority of S. 41(1) of the EM Act 2005, endorsed by the Shire of Lake Grace Local Emergency Management Committee (LEMC) and has been tabled with the District Emergency Management Committee (DEMC).



Chairperson
Lake Grace LEMC

16/08/18

Date



Endorsed by Council Shire President

16/08/18

Date

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DISTRIBUTION

Distribution List	
Organisation	No Copies
Shire of Lake Grace	4
WA Police – Lake Grace	1
Lake Grace Volunteer Fire & Rescue	1
Chief Bush Fire Control Officer – Shire of Lake Grace	1
St John Ambulance WA Ltd – Lake Grace, Lake King, Newdegate, Varley	4
Lake Grace District Hospital	1
Department of Food & Agriculture WA – Narrogin	1
Co-operative Bulk Handling (CBH) - Lake Grace	1
DFES Office Narrogin	1
Neighboring Shires (Dumbleyung, Kulin, Kondinin, Esperance, Ravensthorpe and Kent)	1 each
Western Power	1
Water Corporation	1
Shire web site	1 electronic version
Great Southern DEMC	1
Upper Great Southern DEMC	1

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AMENDMENT RECORD

No.	Date	Amendment Details	By
1	August 2010	Complete Re-write	LEMC
2	January 2014	Minor updates – contact details & name changes	M Owen Executive Officer
3	February 2016	Minor updates – contact details & name changes	P Roadley, Executive Officer
4	May 2018	Minor updates – contact details & name changes, Maps	CESM M Barnes, Executive Officer
5			
6			
7			
8			
9			
10			
11			
12			

The 'master copy' of this document will be held by the Shire. Copies will be distributed to agencies listed in the 'distribution list' and the Shire will ensure the most up-to-date copy of the plan is available on its website www.lakegrace.wa.gov.au

No other copies are to be made of this document.

When an amendment is made, the Shire will ensure that:

- the amendment is recorded in the 'amendment record' of the master document; and
- copies of such amendments are distributed to those as listed in the distribution list.

It is the responsibility of each agency or individual provided with a copy of this plan to keep it up to date and available to others within the agency.

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GLOSSORY OF TERMS

For additional information in regards to the Glossary of Terms, refer to the Emergency Management Western Australia Glossary 2009

AUSTRALASIAN INTERSERVICE INCIDENT MANAGEMENT SYSTEM (AIIMS) – A nationally adopted structure to formalise a coordinated approach to emergency incident management

AIIMS STRUCTURE – The combination of facilities, equipment, personnel, procedures and communications operating within a common organisational structure with responsibility for the management of allocated resources to effectively accomplish stated objectives relating to an incident (AIIMS)

BFB – Bush Fire Brigade, established by a local government under the Bush Fires Act 1954.

COMBAT -Take steps to eliminate or reduce the effects of a hazard on the community.

COMBAT AGENCIES - A combat agency as prescribed under subsection (1) of the *Emergency Management Act 2005* is to be a public authority or other person who or which, because of the agency's functions under any written law or specialised knowledge, expertise and resources, is responsible for performing an emergency management activity prescribed by the regulations in relation to that agency (*EMWA Glossary Version:2011*)

COMPREHENSIVE APPROACH – The development of emergency and disaster arrangements to embrace the aspects of prevention, preparedness, response, and recovery (PPRR). PPRR are aspects of emergency management, not sequential phases. Syn. 'disaster cycle', 'disaster phases' and 'PPRR'

COMMAND – The direction of members and resources of an organisation in the performance of the organisation's role and tasks. Authority to command is established in legislation or by agreement with an organisation. Command relates to organisations and operates vertically within an organisation. See *also* **COMMAND and COORDINATION**.

CONTROL – The overall direction of emergency management activities in an emergency situation. Authority for control is established in legislation or in an emergency plan, and carries with it the responsibility for tasking and coordinating other organisations in accordance with the needs of the situation. Control relates to situations and operates horizontally across organisations. See *also* **COMMAND and COORDINATION**.

CONTROLLING AGENCY – A Controlling Agency is an agency nominated to control the response activities to a specified type of emergency.

COORDINATION – The bringing together of organisations and elements to ensure an effective response, primarily concerned with the systematic acquisition and application of resources (organisation, manpower and equipment) in accordance with the requirements imposed by the threat or impact of an emergency. Coordination relates primarily to resources, and operates, vertically, within an organisation, as a function of the authority to command, and horizontally, across organisations, as a function of the authority to control. See *also* **CONTROL and COMMAND**.

DFES – Department of Fire & Emergency Services, WA

DISTRICT – Means the municipality of the Shire of Lake Grace

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EMERGENCY – An event, actual or imminent, which endangers or threatens to endanger life, property or the environment, and which requires a significant and coordinated response.

EMERGENCY MANAGEMENT – The management of the adverse effects of an emergency including:

- a) Prevention – the mitigation or prevention of the probability of the occurrence of and the potential adverse effects of an emergency.
- b) Preparedness – preparation for response to an emergency
- c) Response – the combating of the effects of an emergency, provision of emergency assistance for casualties, reduction of further damage and help to speed recovery and
- d) Recovery – the support of emergency affected communities in the reconstruction and restoration of physical infrastructure, the environment and community, psychosocial and economic wellbeing.

EMERGENCY MANAGEMENT AGENCY – A hazard management agency (HMA), a combat agency or a support organisation

EMERGENCY RISK MANAGEMENT – A systematic process that produces a range of measures which contribute to the well-being of communities and the environment.

HAZARD

- a) cyclone, earthquake, flood, storm, tsunami or other natural event;
- b) a fire;
- c) a road, rail or air crash;
- d) a plague or an epidemic;
- e) a terrorist act as defined in The Criminal Code section 100.1 set out in the Schedule to the Criminal Code Act 1995 of the Commonwealth;
- f) any other event, situation or condition that is capable of causing or resulting in:
 - i. loss of life, prejudice to the safety, or harm to the health, of persons or animals; or
 - ii. destruction of, or damage to, property or any part of the environment, and is prescribed by the regulations;

HAZARD MANAGEMENT AGENCY (HMA) – A hazard management agency is 'to be a public authority or other person who or which, because of that agency's functions under any written law or specialised knowledge, expertise and resources, is responsible for emergency management, or the prescribed emergency management aspect, in the area prescribed of the hazard for which it is prescribed.' [EM Act 2005 s4]

The HMA's are prescribed in the Emergency Management Regulations 2006. Their function is to:

- Undertake responsibilities where prescribed for these aspects [EM Regulations]
- Appointment of Hazard Management Officers [s55 Act]
- Declare / Revoke Emergency Situation [s 50 & 53 Act]
- Coordinate the development of the State Hazard Plan (nee WESTPLAN) for that hazard [SEMP 2.2]
- Ensure effective transition to recovery by Local Government

INCIDENT – An event, accidentally or deliberately caused, which requires a response from one or more of the statutory emergency response agencies;

A sudden event which, but for mitigating circumstances, could have resulted in an accident;
An emergency event or series of events which requires a response from one or more of the statutory response agencies. See *also* **ACCIDENT, EMERGENCY and DISASTER** in

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the Emergency Management Western Australia Glossary 2009.

INCIDENT AREA (IA) – The area defined by the Incident Controller for which they have responsibility for the overall management and control of an incident.

INCIDENT CONTROLLER – The person appointed by the Hazard Management Agency for the overall management of an incident within a designated incident area

INCIDENT MANAGER – See **INCIDENT CONTROLLER**

INCIDENT MANAGEMENT TEAM (IMT) – A group of incident management personnel comprising the incident controller, and the personnel he or she appoints to be responsible for the functions under the AIIMS Structure. The team headed by the incident controller which is responsible for the overall control of the incident.

INCIDENT SUPPORT GROUP (ISG) – A group of agency/organisation liaison officers convened and chaired by the Incident Controller to provide agency specific expert advice and support in relation to operational response to the incident.

LG – Local Government meaning the Shire of Lake Grace & Shire of Lake Grace Council.

LIFELINES – The public facilities and systems that provide basic life support services such as water, energy, sanitation, communications and transportation. Systems or networks that provide services on which the well-being of the community depends

LOCAL EMERGENCY COORDINATOR (LEC) - That person designated by the Commissioner of Police to be the Local Emergency Coordinator with responsibility for ensuring that the roles and functions of the respective Local Emergency Management Committee are performed, and assisting the Hazard Management Agency in the provision of a coordinated multi-agency response during *Incidents* and *Operations*.

LOCAL EMERGENCY MANAGEMENT COMMITTEE (LEMC) – The Shire of Lake Grace has established a Local Emergency Management Committee (LEMC) under section 38(1) of the Emergency Management Act 2005 to oversee, plan and test the local emergency management arrangements.

The LEMC includes representatives from agencies, organisations and community groups that are relevant to the identified risks and emergency management arrangements for the community.

The LEMC is not an operational committee but rather the organisation established by the local government to ensure that local emergency management arrangements are written and placed into effect for its district.

The LEMC membership must include at least one local government representative and the identified Local Emergency Coordinator (LEC). Relevant government agencies and other statutory authorities will nominate their representatives to be members of the LEMC.

The term of appointment of LEMC members shall be determined by the local government in consultation with the parent organisation of the members.

MUNICIPALITY – Means the district of the Shire of Lake Grace.

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OPERATIONS – The direction, supervision and implementation of tactics in accordance with the Incident Action Plan. See **also EMERGENCY OPERATION.**

OPERATIONAL AREA (OA) – The area defined by the Operational Area Manager for which they have overall responsibility for the strategic management of an emergency. This area may include one or more Incident Areas.

PaWS –Parks and Wildlife Service

PREPAREDNESS – Arrangements to ensure that, should an emergency occur, all those resources and services which are needed to cope with the effects can be efficiently mobilised and deployed. Measures to ensure that, should an emergency occur, communities, resources and services are capable of coping with the effects. See **also COMPREHENSIVE APPROACH.**

PREVENTION – Regulatory and physical measures to ensure that emergencies are prevented, or their effects mitigated. Measures to eliminate or reduce the incidence or severity of emergencies. See **also COMPREHENSIVE APPROACH.**

PUBLIC AUTHORITIES - A public Authority is established under section 3 of the Act. Under s35 the SEMC may specify (s35(6)) both an area of the State and a public authority to exercise the functions of local government detailed under section 36 of the Act To date, the Rottneest Island Authority is the only agency that has been classed as a 'public authority'.

RECOVERY – The coordinated process of supporting emergency-affected communities in reconstruction of the physical infrastructure and restoration of emotional, social, economic and physical well-being.

RESPONSE – Actions taken in anticipation of, during, and immediately after an emergency to ensure that its effects are minimised and that people affected are given immediate relief and support. Measures taken in anticipation of, during and immediately after an emergency to ensure its effects are minimised. See **also COMPREHENSIVE APPROACH.**

RISK – A concept used to describe the likelihood of harmful consequences arising from the interaction of hazards, communities and the environment.
The chance of something happening that will have an impact upon objectives. It is measured in terms of consequences and likelihood.

A measure of harm, taking into account the consequences of an event and its likelihood, for example, it may be expressed as the likelihood of death to an exposed individual over a given period

Expected losses (of lives, persons injured, property damaged, and economic activity disrupted) due to a particular hazard for a given area and reference period. Based on mathematical calculations, risk is the product of hazard and vulnerability

RISK MANAGEMENT – The systematic application of management policies, procedures and practices to the tasks of identifying, analysing, evaluating, treating and monitoring risk

RISK REGISTER – A register of the risks within the local government, identified through the Community Emergency Risk Management process.

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RISK STATEMENT – A statement identifying the hazard, element at risk and source of risk

SES –State Emergency Service

SUPPORT ORGANISATION – A Public authority or other person who or which, because of the agency's functions under any written law or specialised knowledge, expertise and resources is responsible for providing support functions in relation to that agency. (EMWA Glossary Version: 2011)

TELECOMMUNICATIONS – The transmission of information by electrical or electromagnetic means including, but not restricted to, fixed telephones, mobile phones, satellite phones, e-mail and radio.

TREATMENT OPTIONS – A range of options identified through the emergency risk management process, to select appropriate strategies' which minimise the potential harm to the community.

VFRS –Volunteer Fire & Rescue Service

VMR –Volunteer Marine Rescue

VULNERABILITY – The degree of susceptibility and resilience of the community and environment to hazards. * The degree of loss to a given element at risk or set of such elements resulting from the occurrence of a phenomenon of a given magnitude and expressed on a scale of 0 (no damage) to 1 (total loss)

WELFARE CENTRE – Location where temporary accommodation is actually available for emergency affected persons containing the usual amenities necessary for living and other welfare services as appropriate

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PART 1 – INTRODUCTION

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1.1 AUTHORITY

These arrangements have been prepared in accordance with s. 41(1) of the Emergency Management Act 2005 and endorsed by the Lake Grace Local Emergency Management Committee and approved by the Shire of Lake Grace.

1.2 COMMUNITY CONSULTATION

These Arrangements have been developed in consultation with the Local Emergency Management Committee as a representative body of the community of Lake Grace.

1.3 DOCUMENT AVAILABILITY

A copy of this document is available via the Shire of Grace website (www.lakegrace.wa.gov.au) or in hard copy for the Shire Office.

1.4 AREA COVERED (CONTEXT)

The Shire of Lake Grace is located in Western Australia's southern wheat belt with the town of Lake Grace located 354 kilometres from Perth. The Shire has a population of 1,456 people, consists of five individual towns (Lake Grace, Newdegate, Lake King, Varley and part of Pingaring) and covers 10,747 square kilometres. Newdegate is 52 kilometres from Lake Grace and Lake King and Varley are 115 and 120 kilometres respectively from Lake Grace.

Access to these towns is mainly by road; however, there is an Airport at Lake Grace and authorised landing areas at Newdegate and Lake King and Varley. The Lake Grace–Newdegate and Lake Grace–Hyden railway lines are used primarily for the transportation of grain.

The Shire of Lake Grace manages a number of public facilities such as halls, libraries, swimming pools, public toilets, and sporting and recreation grounds. The Shire is also responsible for the provision of sewerage and waste disposal services within the Lake Grace municipality.

The town of Lake Grace is the Shire's regional service centre and gathering place for the surrounding smaller communities. The primary industry of the Shire is grain and sheep based agriculture.

Tourists use the main roads through these towns regularly. Heavy vehicles also carry goods to and from Esperance. With the First Quantum Minerals mine site expanding at Ravensthorpe, larger than normal loads are transported through the towns of Lake Grace, Newdegate and Lake King with some loads carrying dangerous goods.

During harvesting season grain carting vehicles use the road on a continual basis and when combined with the tourist traffic these roads can become hazardous.

Based on the 2011-2012 census conducted by the Australian Bureau of Statistics, the Gross Regional Product of the Lakes Voluntary Regional Organisation of Councils (VROC) is \$383 million. This figure includes the gross regional product of the shires of Dumbleyung, Kent, Wagin and Lake Grace. Agriculture is the largest industry

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contributing to the gross regional product of the area with 45% of those employed within the area being directly involved with the agricultural industry.

The ABS amalgamates the gross value of agricultural production (GVAP) for the statistical area of Kulin, which includes the Shires of Lake Grace, Dumbleyung, Kondinin, Wickiepin and Kulin. The GVAP for this area for the period of 2010-11 was estimated to be \$283 million. It is estimated that 62% of this value is generated from broadacre crops with the remaining \$105 million being generated from livestock products, primarily sheep with the beef industry being a minor component.

Based on the area of land used by agriculture across the statistical area, it is estimated that 41% (\$116 million) of the GVAP is attributable to the Shire of Lake Grace.

1.5 AIM

The aim of the Shire of Lake Grace Local Emergency Management Arrangements is to detail local emergency management arrangements within the Shire of Lake Grace.

1.6 PURPOSE

The purpose of these emergency management arrangements is to set out:

- a) the local government's policies for emergency management;
- b) the roles and responsibilities of public authorities and other persons involved in emergency management in the local government district;
- c) provisions about the coordination of emergency operations and activities relating to emergency management performed by the persons mentioned in paragraph b);
- d) a description of emergencies that are likely to occur in the local government district;
- e) strategies and priorities for emergency management in the local government district;
- f) other matters about emergency management in the local government district prescribed by the regulations; and
- g) other matters about emergency management in the local government district the local government considers appropriate". (s. 41(2) of the Act).

1.7 SCOPE

These arrangements are to ensure there are suitable plans in place to deal with the identified emergencies should they arise. It is not the intent of this document to detail the procedures for HMAs in dealing with an emergency. These should be detailed in the HMA's individual plan.

Furthermore:

- a) This document applies to the local government district of the Shire of Lake Grace;
- b) This document covers areas where the Shire of Lake Grace (Local Government) provides support to HMAs in the event of an incident;
- c) This document details the Shire of Lake Grace's (LG) capacity to provide resources in support of an emergency, while still maintaining business continuity; and
- d) The Shire Lake Grace's (LG) responsibility in relation to recovery management.

These arrangements are to serve as a guide to be used at the local level. Incidents may arise that require action or assistance from district, state or federal level.

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1.8 RELATED DOCUMENTS & ARRANGEMENTS

1.8.1 LOCAL EMERGENCY MANAGEMENT POLICIES

Nil

1.8.2 EXISTING PLANS & ARRANGEMENTS

Any relevant plans and arrangements that exist for the area should also be listed for reference purposes and where they are located.

LOCAL PLANS - TABLE 1.1

Document	Owner	Location
Risk Register	Shire of Lake Grace	Shire of Lake Grace
Risk Treatment Schedule	Shire of Lake Grace	Shire of Lake Grace
Local Emergency Management Plan for the Provision of Welfare Support for the Shire of Lake Grace	DOC	Shire of Lake Grace DOC Albany

RELEVANT STATE EMERGENCY MANAGEMENT PLANS (STATE HAZARD PLAN (NEE WESTPLAN)) - TABLE 1.2

Document	Owner	Location
State Hazard Plan (nee WESTPLAN) Flood	DFES	OEM Website (www.oem.wa.gov.au)
State Hazard Plan (nee WESTPLAN) Fire	DFES	OEM Website (www.oem.wa.gov.au)
State Hazard Plan (nee WESTPLAN) Road Crash	WA Police	OEM Website (www.oem.wa.gov.au)
State Hazard Plan (nee WESTPLAN) Severe Storm	DFES	OEM Website (www.oem.wa.gov.au)
State Hazard Plan (nee WESTPLAN) Animal and Plant Biosecurity	DPIRD	OEM Website (www.oem.wa.gov.au)

1.8.3 AGREEMENTS, UNDERSTANDINGS & COMMITMENTS - TABLE 1.3

Parties to the Agreement	Summary of the Agreement	Special Considerations
NIL		

1.8.4 ADDITIONAL SUPPORT - TABLE 1.4

Organisation	Description	Comments	Contacts
Nil			

1.8.5 SPECIAL CONSIDERATIONS

During various times of the year the following may have effect on the availability of resources, volunteers or the number of people in a township.

- School Holidays
- Bush Fire Season – September - April
- Seeding – May - July
- Harvest – mid October- December
- Newdegate Field Days – 1st Wednesday & Thursday in September
- Lake King Kart Club Annual Open Event – August

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- Agriculture

1.9 RESOURCES

Refer to resources tab

1.10 FINANCIAL ARRANGEMENTS

1.10.1 RESPONSE

The Shire of Lake Grace recognises State Emergency Management Policy 5.12 “Funding for Emergencies Responses”, which outlines the responsibilities for funding during a multi-agency emergency. While recognising the provisions of SEMP 5.12, the Shire of Lake Grace is committed to expanding such necessary funds within its current budgetary constraints as required to ensure the safety of its residents & visitors. The Chief Executive Officer should be approached immediately during an emergency event requiring resources.

1.11 ROLES & RESPONSIBILITIES

1.11.1 LOCAL EMERGENCY COORDINATOR

The local emergency coordinator for a local government district has the following functions [s. 37(4) of the Act]:

- a) to provide advice and support to the LEMC for the district in the development and maintenance of emergency management arrangements for the district;
- b) to assist hazard management agencies in the provision of a coordinated response during an emergency in the district; and
- c) to carry out other emergency management activities in accordance with the directions of the State Emergency Coordinator.

1.11.2 CHAIRPERSON LOCAL EMERGENCY MANAGEMENT COMMITTEE

The Chairperson of the LEMC is the Shire President, Shire of Lake Grace.

1.11.3 LOCAL EMERGENCY MANAGEMENT COMMITTEE

The functions of LEMC are [s. 39 of the Act]:

- a) To advise and assist the local government in establishing local emergency managements for the district;
- b) to liaise with public authorities and other persons in the development, review and testing of the local emergency management arrangements; and
- c) to carry out other emergency management activities as directed by SEMC or prescribed by regulations.

1.11.4 OTHER FUNCTIONS OF THE LEMC

Various State Emergency Management Plans (State Hazard Plan (nee WESTPLAN)) and State Emergency Management Policies (SEMP) place responsibilities on LEMC's. The below identified functions relate to areas not covered in other areas of these arrangements.

The LEMC should provide advice and assistance to communities that can be isolated due to hazards such as cyclone or flood to develop a local plan to manage the ordering, receiving and distributing of essential supplies. (State Hazard Plan (nee WESTPLAN) - Freight Subsidy Plan)

The LEMC may provide advice and assistance to the SES and FESA to develop a Local Tropical Cyclone Emergency Plan. (State Hazard Plan (nee WESTPLAN) – Cyclone, Flood and Tsunami).

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1.11.5 LEMC EXECUTIVE OFFICER:

Provide executive support to the LEMC by:

- a) Ensuring the provision of secretariat support including: Meeting agenda;
- b) Minutes and action lists; Correspondence;
- c) Maintain committee membership contact register;
- d) Coordinate the development and submission of committee documents in accordance with legislative and policy requirements including;
- e) Annual Report; Annual Business Plan;
- f) Maintenance of Local Emergency Management Arrangement;
- g) Facilitate the provision of relevant emergency management advice to the Chair and committee as required; and
- h) Participate as a member of sub committees and working groups as required;

1.11.6 LOCAL GOVERNMENT

It is a function of a local government —

- a) subject to this Act, to ensure that effective local emergency management arrangements are prepared and maintained for its district;
- b) to manage recovery following an emergency affecting the community in its district; and
- c) to perform other functions given to the local government under this Act.

1.11.7 HAZARD MANAGEMENT AGENCY (HMA)

A hazard management agency (HMA) is 'to be a public authority or other person who or which, because of that agency's functions under any written law or specialised knowledge, expertise and resources, is responsible for emergency management, or the prescribed emergency management aspect, in the area prescribed of the hazard for which it is prescribed.' [EM Act 2005 s4]

The HMAs are prescribed in the Emergency Management Regulations 2006.

1.11.8 COMBAT AGENCIES

A combat agency is '*the agency identified as being primarily responsible for responding to a particular emergency*' AEM Glossary

1.11.9 SUPPORT ORGANISATION

A support organisation 'provides essential services, personal or material support' (AEM Glossary) during an emergency. An example may be the Red Cross or CWA providing meals to welfare centre.

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PART 2 - PLANNING

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2.1 LEMC ADMINISTRATION

This section outlines the minimum administration and planning requirements of the LEMC under the EM Act 2005 and policies.

2.2 LEMC Membership (POSITIONS)

President, Shire of Lake Grace (Chair)
 Officer in Charge, Lake Grace Police (Local Emergency Coordinator) LEMC Executive Officer (CESM)
 Chief Executive Officer, Shire of Lake Grace (Local Recovery Coordinator)
 Department of Communities, Katanning
 Lake Grace & District Health Service
 St John Ambulance WA Ltd - Newdegate
 St John Ambulance WA Ltd – Lake Grace
 St John Ambulance WA Ltd – Lake King
 St John Ambulance WA Ltd - Varley
 State Emergency Service,
 DFES Upper Great Southern Regional Office, Narrogin
 Co-operative Bulk Handling, Lake Grace
 Department of Primary Industries and Regional Development, Narrogin
 Department of Parks and Wildlife
 Chief Bush Fire Control Officer Captain, Lake Grace Fire & Rescue Department of Education, Lake Grace Main Roads Western Australia
 Western Power
 Water Corporation

A comprehensive list of LEMC Membership and contact details can be found at Contacts Tab

2.3 MEETING SCHEDULE

The Shire of Lake Grace LEMC meets on the second Thursday of August, November, February and May at 1pm. This meeting schedule is subject to change due to availability of the LEMC members.

2.4 LEMC CONSTITUTION & PROCEDURES

The Shire of Lake Grace LEMC meets and operates in accordance with State Emergency Management Policy 2.5 'Emergency Management in Local Government Districts'

2.5 REVIEW OF LOCAL EMERGENCY MANAGEMENT COMMITTEE POSITIONS

The Shire of Lake Grace in consultation with the parent organisation of members shall determine the term and composition of LEMC positions. (State EM Policy 2.5). Note: State EM Preparedness Procedures 7 (LEMC Membership) provides a list of recommended members.

2.6 REVIEW OF RESOURCES REGISTER

The Executive Officer shall have the resources register checked and updated on an annual basis, but ongoing amendments may occur at any LEMC meeting.

2.7 ANNUAL REPORTS & ANNUAL BUSINESS PLAN

The Shire of Lake Grace completes an Annual Report & Annual Business Plan in accordance State EM Preparedness procedures 17 'Annual Reporting'. A copy of the report will be tabled at the nearest practical LEMC for the information of the committee.

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2.8 EMERGENCY RISK MANAGEMENT

In 2006 the Shire of Lake Grace was successful in obtaining training and funding under the AWARE (All West Australians Reducing Emergencies) Grant Program to conduct the emergency risk assessment process. The Shire of Lake Grace employed a consultant to undertake the community consultative process which included a community survey and community meetings. In May 2008, Council adopted the completed risk management project. The project identified broadly identified the major risks within the Shire to be:

- Bushfire
- Road Transport Accidents
- Flood
- Severe Storm

The report also produced a range of mitigation strategies (risk treatment options) for various agencies engaged in managing the hazards.

A full copy of the report is available on request from the Shire of Lake Grace. A copy of the Risk Register is attached as an appendix.

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PART 3 - RESPONSE

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3.1 RISKS – EMERGENCIES LIKELY TO OCCUR

The following table documents the emergencies that are likely to occur within the Local Government area.

TABLE 3.1 (HYPERLINKS REMOVED)

Hazard	Hazard Management Agency	Organisation	Controlling Agency	Local Combat	Local Support	State Hazard Plan (see WESTPLAN)
Road Crash	Commissioner of Police	WA Police	WA Police	Lake Grace VFERS	St John Ambulance WA Ltd	Road Crash
Air Crash	Commissioner of Police	WA Police	WA Police	Lake Grace VFERS	St John Ambulance WA Ltd	Air Crash
Land Search and Rescue	Commissioner of Police	WA Police	WA Police	Gnowangerup SES	Kulin VES Wagin/Ravesnorthorp e SES	Land Search
Collapse (Structural)	Fire and Emergency Services (FES) Commissioner	Dept Fire and Emergency Services	DFES	Gnowangerup SES	Kulin VES Wagin/Ravesnorthorp e SES	Collapse
Earthquake	FES Commissioner	DFES	DFES	Gnowangerup SES	Kulin VES Wagin/Ravesnorthorp e SES	Earthquake
Flood	FES Commissioner	DFES	DFES	Gnowangerup SES	Kulin VES Wagin/Ravesnorthorp e SES	Flood
Storm	FES Commissioner	DFES	DFES	Gnowangerup SES	Kulin VES Wagin/Ravesnorthorp e SES	Storm
Fire	FES Commissioner	DFES	DFES, PaWS, LG	BFBs, PaWS, VFERS	Farmers	Fire
HAZMAT - Chemical	FES Commissioner	DFES	DFES	Lake Grace VFERS	Lake Grace Health Services	HAZMAT
HAZMAT - Radiological	FES Commissioner	DFES	DFES	Lake Grace VFERS	Lake Grace Health Services	HAZMAT
HAZMAT - Biological	State Health Coordinator	WA Health	WA Health	Lake Grace Health Services		HAZMAT

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Human Epidemic	State Human Epidemic Controller	WA Health	WA Health	Lake Grace Health Services	Human Epidemic
Heatwave	State Health Coordinator	WA Health	WA Health	Lake Grace Health Services	Heatwave
Liquid Fuel Supply Disruption	Coordinator of Energy	Public Utilities Office	Public Utilities Office		Liquid Fuel Supply Disruption
Electricity Supply Disruption	Coordinator of Energy	Public Utilities Office	Public Utilities Office	Western Power	Electricity Supply Disruption
Animal and Plant Biosecurity	Agriculture Director General	Dept Primary Industries and Regional Development	Dept Primary Industries and Regional Development	DPIRD Narrogin	Animal & Plant Biosecurity

These arrangements are based on the premise that the HMA responsible for the above risks will develop, test and review appropriate emergency management response plans for their hazard.

It is recognized that the HMAs and Combat Agencies may require use of the Shire's resources and assistance in an emergency situation. The Shire of Lake Grace is committed to providing this assistance and support if the required resources are available.

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3.2 INCIDENT SUPPORT GROUP (ISG)

The Incident Support Group (ISG) is convened by the HMA or the Local Emergency Coordinator in consultation with the HMA to assist in the overall coordination of services and information during a major incident. Coordination is achieved through clear identification of priorities by agencies sharing information and resources.

Role: The role of the ISG is to provide support to the incident management team. The ISG is a group of people represented by the different agencies who may have involvement in the incident.

3.2.1 TRIGGERS FOR THE ACTIVATION OF AN ISG

The triggers for an Incident Support Group are defined in State EM Policy 5.2.2 Incident Management systems

These are;

- If a Level 2 incident is declared, the Controlling Agency **must** consider the establishment of an Incident Support Group (ISG).
- If a Level 3 incident is declared, the Controlling Agency must establish an ISG.
- ISG is activated by the IC.

3.3 MEMBERSHIP OF AN ISG

The ISG is made up of agencies / representatives that provide support to the Hazard Management Agency. As a general rule, the recovery coordinator should be a member of the ISG from the onset, to ensure consistency of information flow and transition into recovery.

The representation on this group may change regularly depending upon the nature of the incident, agencies involved and the consequences caused by the emergency.

Agencies supplying staff for the ISG must ensure that the representative(s) have the authority to commit resources and/or direct tasks.

3.4 FREQUENCY OF MEETINGS

Frequency of meetings will be determined by the Incident Controller and will generally depend on the nature and complexity of the incident. As a minimum, there should be at least one meeting per incident. Coordination is achieved through clear identification of priorities by agencies sharing information and resources.

3.5 EMERGENCY COORDINATION CENTRE (ECC) INFORMATION

The Emergency Coordination Centre (ECC) is where the Incident Support Group meets during an emergency and provides a focal point for a coordinated approach. The following table identifies suitable ECCs within the District.

The following tables provide the contact details for opening each site:

Shire of Lake Grace Administration Centre
1 Bishop Street
Lake Grace WA 6353

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Table 3.2

	Name	Phone	Phone
1 st Contact	Chief Executive Officer	9890 2500	0417 621 708
2 nd Contact	Manager Infrastructure Services	9890 2500	0455 551 709

Newdegate CRC**Address – Collier St (beside school), Newdegate, WA 6355****Table 3.3**

	Name	Phone	Phone
1 st Contact	Stevie Hermans	08 9871 1791	0433 788 150
2 nd Contact	Rachael McClean	08 9871 1791	0419 918 382

Lake King Library**Address – Lake King Newdegate Rd (beside school), Lake King, WA****Table 3.4**

	Name	Phone	Phone
1 st Contact	Kaye Brownlie (school)	98744018	
2 nd Contact	Sandra Penny (library)	98 380 048	98744147

3.6 MEDIA MANAGEMENT AND PUBLIC INFORMATION

Communities threatened or impacted by emergencies have an urgent and vital need for information and direction. Such communities require adequate, timely information and instructions in order to be aware of the emergency and to take appropriate actions to safeguard life and property. The provision of this information is the responsibility of the HMA.

It is likely that individual agencies will want to issue media releases for their areas of responsibility (e.g. Water Corporation on water issues, Western Power on power issues, etc.) however the release times, issues identified and content shall be coordinated through the ISG to avoid conflicting messages being given to the public.

3.7 MEDIA MANAGEMENT**3.7.1 PUBLIC WARNING SYSTEMS**

During times of an emergency one of the most critical components of managing an incident is getting information out to the public in a timely and efficient manner. This section highlights local communication strategies.

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3.7.2 LOCAL SYSTEMS

The Shire of Lake Grace manages a SMS system primarily for its bushfire network; however this may be a useful tool for getting information into the community. Access is by contacting Shire of Lake Grace;

- Chief Executive Officer 08 9890 2500 or 0417 621 708
- Manager Infrastructure Services 08 9890 2500 or 0455 551 709
- Community Emergency Services Manager 08 9890 2500 or 0436 668 242

3.7.3 DFES PUBLIC INFO LINE

Incidents occurring in the District that are DFES HMA responsibilities and local government managed bushfires may utilise DFES Media & Public Affairs, including the hotline to inform people of current incident. Contact may be made through the DFES Regional Duty Officer (9845 5000) or DFES Communication Centre 1800 198 140. The Hotline number for people to ring for information is 1300 657 209.

3.7.4 RADIO

ABC Radio will broadcast community alerts as a priority.

ABC transmits on 558AM & 720AM.

ABC State-wide Perth Fax 08 9220 2911
 ABC South Coast Albany Fax 08 9842 4099
 ABC Great Southern Wagin Fax 08 9861 3399

Radio West broadcasts on 918AM.

Hot FM 91.7 RadioWest Narrogin Fax 08 9881 3166
 RadioWest Bunbury Fax 08 9792 2799

Radio Great Southern broadcasts on 1422AM.

Radio Great Southern Fax 08 9861 2784

3.7.5 TELEVISION

GWN (Bunbury) 08 9721 4466 (phone) 08 9792 2932 (fax)
 WIN (Albany) 08 9842 8024 (phone) 08 9842 9067 (fax)
 WIN (Perth) 08 9449 9999 (phone) 08 9449 9900 (fax)
 ABC (Perth) 08 9220 2700 (phone) 08 9220 2727 (fax)

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PART 4 - EVACUATION

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4.1 EVACUATION

Evacuation is a risk management strategy which may need to be implemented, particularly in regards to severe storm, flooding and bush fires. The decision to evacuate will be based on an assessment of the nature and extent of the hazard, the anticipated speed of onset, the number and category of people to be evacuated, evacuation priorities and the availability of resources.

These considerations should focus on providing all the needs of those being evacuated to ensure their safety and on-going welfare.

The HMA will make decisions on evacuation and ensure that community members have appropriate information to make an informed decision as to whether to stay or go during an emergency.

4.2 EVACUATION PLANNING PRINCIPLES

The decision to evacuate will only be made by a Hazard Management Agency (HMA) or an authorised officer when the members of the community at risk do not have the capability to make an informed decision or when it is evident that loss of life or injury is imminent.

State EM [Policy 5.7](#) 'Community Evacuation' should be consulted when planning evacuation.

4.3 MANAGEMENT

The responsibility for managing evacuation rests with the HMA. The HMA is responsible for planning, communicating and effecting the evacuation and ensuring the welfare of the evacuees is maintained. The HMA is also responsible for ensuring the safe return of evacuees. These aspects also incorporate the financial costs associated with the evacuation unless prior arrangements have been made.

In most cases the WA Police may be the 'combat agency' for carrying out the evacuation and they may use the assistance of other agencies such as the SES.

Whenever evacuation is being considered the Department of Communities (DOC) must be consulted during the planning stages. This is because the DOC has responsibility under State Arrangements to maintain the welfare of evacuees under State Hazard Plan (nee WESTPLAN) Welfare.

4.4 SPECIAL NEEDS GROUPS

This section lists 'at risk' groups within the community. The purpose behind this is so that a HMA planning evacuation will be able to identify locations that require special attention or resources.

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Table 4.1

Name	Description	Address	Contact	No People
Lake Grace District School	School –Year 10	School place,	Cathy Willis (08) 9865 1207	Up to 160 students 37 staff
Lake Grace Day Care Centre	Day care runs Monday, Tuesday & Wednesday	Corner of Absolon & Griffiths St	Vicki Reynolds (08) 9865 2568	Licensed for 27 children Ave no. 14 – 16 4 – 5 staff
Lake Grace Seniors Village	Retirement Village	Corner of Bishop & Bennett St	Shire of Lake Grace (08) 9890 2500	8
Lake Grace District Hospital	District Hospital	Memorial Drive	Sara Pellant (08) 9890 2222	Up to 6 permanent patients Week Staff 9 daytime staff 2 night staff W/E Staff 4 Daytime Staff 2 Night Staff
Lake King Primary School	Primary School	Newdegate/ Lake King Rd Lake King	Kaye Brownlie (08) 9874 4018	Up to 50 students 9 staff
Newdegate Primary School	Primary School	Corner of Mitchell & Collier St	Anne Webster (08) 9871 1600	Up to 55 students 14 staff
Newdegate Day Care	Recreation Centre Thursday only	Sports ground	Rebecca Leyte (08) 9871 1505	Licensed for 19 children Normally 17 4 staff

4.5 DEMOGRAPHICS

Refer to tab 9.4 'Demographics'

4.6 EVACUATION / WELFARE CENTRES

Refer to the Local Emergency Management Plan for the Provision of Welfare Support for the Shire of Lake Grace document for this information.

4.7 ROUTES & MAPS

Refer to tab 9.3 'Maps' This section provides a map of the locality and identifies any issues and local land marks.

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4.8 ANIMALS (INCLUDING ASSISTANCE ANIMALS)

There are no animal management facilities available in the Shire of Lake Grace. While assistance animals are allowed to accompany their human into a welfare centre, alternative arrangements will need to be made for domestic pets and larger animals.

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PART 5 - WELFARE

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5.1 WELFARE

The Department of Communities (DOC) has the role of managing welfare under State Hazard Plan (nee WESTPLAN) Welfare Support. The Department is responsible for the provision of 6 (six) key functions;

1. Emergency Accommodation
2. Emergency Catering
3. Emergency Clothing & Personal Prerequisites
4. Personal Services
5. Registration & Enquiry
6. Financial Assistance

This list should be read in conjunction with State Hazard Plan (nee WESTPLAN) Welfare Support to understand the scope of the services provided.

5.2 ACTIVATION OF WELFARE ARRANGEMENTS

If evacuation centres or welfare services are needed for an incident, the HMA must activate Department of Communities (DOC) and consult with them during the planning phase. DOC will not be responsible for managing costs associated with a welfare response when they have not been activated through the correct channel.

District Emergency Services Officer, DOC Katanning:

Neville Blackburn

Address: 25 Amherst St, Katanning

Contact Phone: 9821 6500, 0438 934 827

After Hours: Crisis Care: 1800 199 008

5.3 LOCAL WELFARE COORDINATOR

The Local Welfare Coordinator for the Shire of Lake Grace is the District Emergency Services Officer, Department of Communities, Katanning.

District Emergency Services Officer, DOC Katanning:

Neville Blackburn

Address: 25 Amherst St, Katanning

Contact Phone: 9821 6500, 0438 934 827

After Hours: Crisis Care: 1800 199 008

5.4 LOCAL WELFARE LIAISON OFFICER

The Local Welfare Liaison Officer is nominated by the Local Government to coordinate welfare response during emergencies and liaise with the Local Welfare Coordinator.

Local Government should appoint a liaison officer. This role will provide assistance to the Local Welfare Centre, including the management of emergency evacuation centres such as building opening, closing, security and maintenance.

It is important to identify the initial arrangements for welfare to occur, particularly in remote areas, where it may take some time for DOC to arrive. The following Officers from the Shire of Lake Grace may fulfil this role.

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Table 5.1

	Name	Phone	Phone
1 st Contact	Chief Executive Officer	9890 2500	0417 621 708
2 nd Contact	Manager Infrastructure Services	9890 2500	0455 551 709
3 rd Contact	Executive Officer	9890 2500	0436 668 242

5.5 DISTRICT EMERGENCY SERVICES OFFICER

The Department of Communities may appoint a District Emergency Services Officer (DESO) to prepare local welfare plans. The DESO for the Shire of Lake Grace is contained in Contacts Register.

5.6 STATE & NATIONAL REGISTRATION & ENQUIRY

Under the State Emergency management arrangements DOC has the delegated responsibility for registration and reunification. In a large event where people are evacuated, displaced or separated the National Registration and Inquiry System is activated to assist in locating impacted people, reuniting families and answering inquiries from family and friend. DOC has reciprocal arrangements with the Australian Red Cross to assist with both the registration and inquiry processes.

There is no Red Cross available in the Shire of Lake Grace.

5.7 WELFARE CENTRES

Refer to the Local Emergency Management Plan for the Provision of Welfare Support for the Shire of Lake Grace document for this information.

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PART 6 - RECOVERY

Please refer to the Shire of Lake Grace Local Recovery Management Plan which is a separate sub plan of these Arrangements.

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PART 7 - EMERGENCY CONTACTS DIRECTORY

Please refer to the separate contacts document.

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PART 8 - EXERCISING & REVIEWING

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8.1 EXERCISING

8.2 AIM

Testing and exercising are essential to ensure that the emergency management arrangements are workable and effective for the LEMC. The testing and exercising is also important to ensure that individuals and organisations remain appropriately aware of what is required of them during an emergency response situation.

The exercising of a HMA's response to an incident is a HMA responsibility however it could be incorporated into the LEMC exercise.

Exercising the emergency management arrangements will allow the LEMC to:

- Test the effectiveness of the local arrangements
- Bring together members of emergency management agencies and give them knowledge of, and confidence in, their roles and responsibilities
- Help educate the community about local arrangements and programs
- Allow participating agencies an opportunity to test their operational procedures and skills in simulated emergency conditions
- Test the ability of separate agencies to work together on common tasks, and to assess effectiveness of co-ordination between them.

8.3 FREQUENCY

State Emergency Management Policy (SEMP) section 4.8 requires all local governments and LEMCs to exercise local level arrangements annually and to share information on planned exercises with the DEMC.

8.4 TYPES

Some examples of exercises types include:

- a) Desktop/Discussion
- b) A phone tree recall exercise
- c) Opening and closing procedures for evacuation centres or any facilities that might be operating in an emergency
- d) Operating procedures of an Emergency Coordination Centre
- e) Locating and activating resources on the Emergency Resources Register

8.5 REPORTING OF EXERCISES

State EM Policy s4.11 provides LEMCs must provide a copy of their post exercise report to the DEMC Chair for referral to the SEMC for noting in their annual report. The exercise documentation and reporting should be consistent with State EM Preparedness Procedure 19: Exercise Management.

8.6 REVIEW

The Local Emergency Management Arrangements (LEMA) shall be reviewed and amended in accordance with State EM Preparedness Procedures 8 – Local Emergency Management Arrangements and replaced whenever the local government considers it appropriate (S.42 of the EM Act).

The local government must ensure the review of the LEMA on the following basis:

- a) Contact lists are reviewed and updated quarterly;
- b) After an event or incident requiring the activation of an Incident Support Group or after an incident requiring significant recovery co-ordination;
- c) every five years; and

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- d) whenever the local government considers it appropriate.
- e) If a major review takes place, a full approval process is required. If the amendments
- f) are minor, the local government is to make the amendments and ensure that these are distributed to members of its LEMC, the DEMC and the Office of Emergency Management.

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PART 9 - APPENDICES

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9.1 RISK MATRIX

		Probability (expected frequency)				
		Frequent: Continuous, regular, or inevitable occurrences	Likely: Several or numerous occurrences	Occasional: Sporadic or intermittent occurrences	Seldom: Infrequent occurrences	Unlikely: Possible occurrences but improbable
Severity (expected consequence)		A	B	C	D	E
1	Catastrophic: Death, unacceptable loss or damage, mission failure, or unit readiness eliminated	E	E	H	H	M
2	Critical: Severe injury, illness, loss, or damage; significantly degraded unit readiness or mission capability	E	H	H	M	L
3	Moderate: Minor injury, illness, loss, or damage; somewhat degraded unit readiness or mission capability	H	M	M	L	L
4	Negligible: Minimal injury, loss, or damage; little or no impact to unit readiness or mission capability	M	L	L	L	L
Legend:		E – extremely high risk	H – high risk	M – medium risk	L – low risk	

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Risk Statement	Likelihood Rating	Consequence Rating	Level of Risk	Action Priority
FIRE				
There is a risk that a Bushfire will cause damage to farm land and bushlands.	A	3	E	1
There is a risk that a Bushfire will cause serious injury or loss of life	D	4	H	4
There is a risk that a Bushfire will cause substantial property and infrastructure damage.	D	3	M	2
There is a risk that a Bushfire will require the evacuation of a small rural town or farm.	E	3	M	3
There is a risk that an urban fire will cause substantial property damage.	A	4	E	5
FLOOD				
There is a risk that a flood will cause substantial economic loss to a local community.	A	4	E	1
There is a risk that a flood will result in economic hardship to small local business.	A	3	E	2
There is a risk that a flood will cause extensive relocation of residents and the public from areas at risk for periods of 12 hours or more.	B	4	E	3
There is a risk that a flood will affect the economic and social fabric of the affected community.	B	4	E	4
TRANSPORT				

Type:	Local Emergency Management Plan	Start Date:	30/03/2016
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	Subject: Location: 'F' Drive/Executive Services/Council Matters/Committees of Council/LEM/C/LEM Plans		

There is a risk that a transport or road accident will cause serious injury or loss of life.	A	4	E	1
There is a risk that a major road based accident will cause disruption to road based services for 24 hours or more.	C	2	M	2
SEVERE STORM				
There is a risk that a severe storm will cause substantial property damage requiring external resources to be employed for periods of 12 hours or more.	D	2	L	1
There is a risk that a severe storm will cause closure of and seriously disrupt normal business activities for periods of 24 hours or more	D	2	L	3
There is a risk that a severe storm will cause closure of or seriously disrupt community lifelines or services for periods of 12 hours or more.	C	3	H	2
Plant and Animal Pest and Diseases				
There is a risk of an outbreak of a plant or animal pest and disease within the shire based on the significant agriculture activities within the community.	D	2	L	2

Type:	Local Emergency Management Plan	Start Date:	30/03/2016
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		End Date:	

9.2 RESOURCES

Shire of Lake Grace Plant and equipment resources

Location:	Lake Grace Shire Depot		
Contact/s	Manager Infrastructure Services	0448 089 092	
Contractors			
	Brad Kennedy	0428 199 244	0428 299 119
	David Boyce (Newdegate)	0427 411 099	
	Wagin Earthmoving	0428 889 261	
	Fyfe Transport	0428 651 129	
	Stevemacs	0429 120 018	
	Simon Trevenen	0427 651 389	

Item description	Number of items
Graders	2
Water tanker 20,000L (semi-trailer)	1
Loader 4WD	2
Backhoe	1
Tip truck (4 wheeler)	1
Semi-trailer low loader	1
Side tipper (semi)	2
Side tipper (6 wheeler)	2
Grader (G Hobbs, Lake King)	1
Grader (B Kennedy)	2
Bulldozers (D Boyce)	2
Loaders, trucks, water trucks (Wagin Earthmoving)	2
Water tank (semi-trailer) Fyfe	2
Water tank (semi-trailer) Stevemac	1
Backhoe, Bobcat, tip truck (S Trevenen)	2

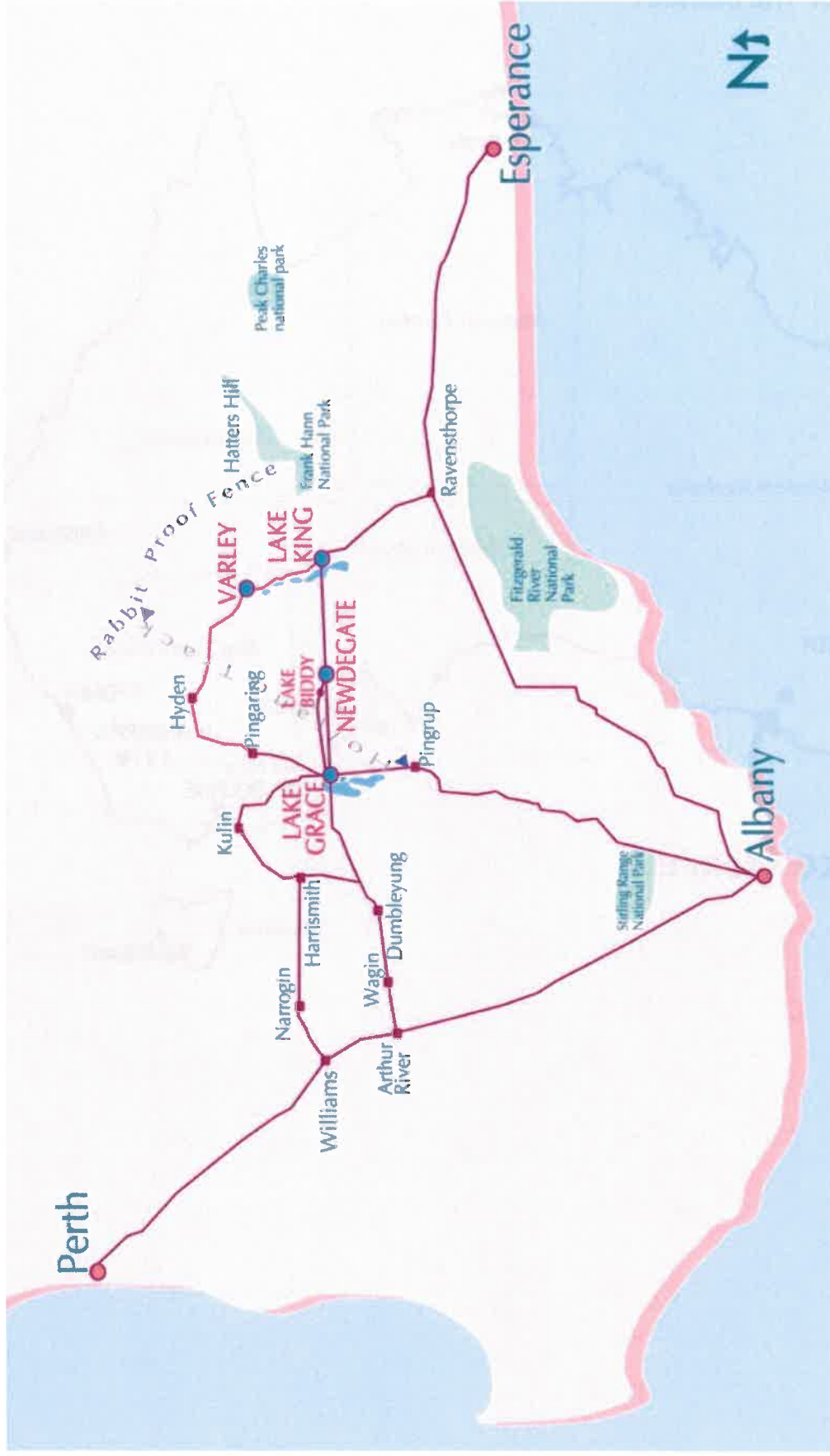
As identified in the State Hazard Plan (nee WESTPLAN) – Animal and plant biosecurity or in the event of the need to dispose of large numbers of livestock, DPIRD may require support from the Local Government or local contractors with the provision of services utilizing engineering equipment.

Type:		Subject:	Local Emergency Management Plan	Start Date:	30/03/2016
Version:	4.0.1.1	Location:	'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans	End Date:	

9.3 MAPS OF THE DISTRICT

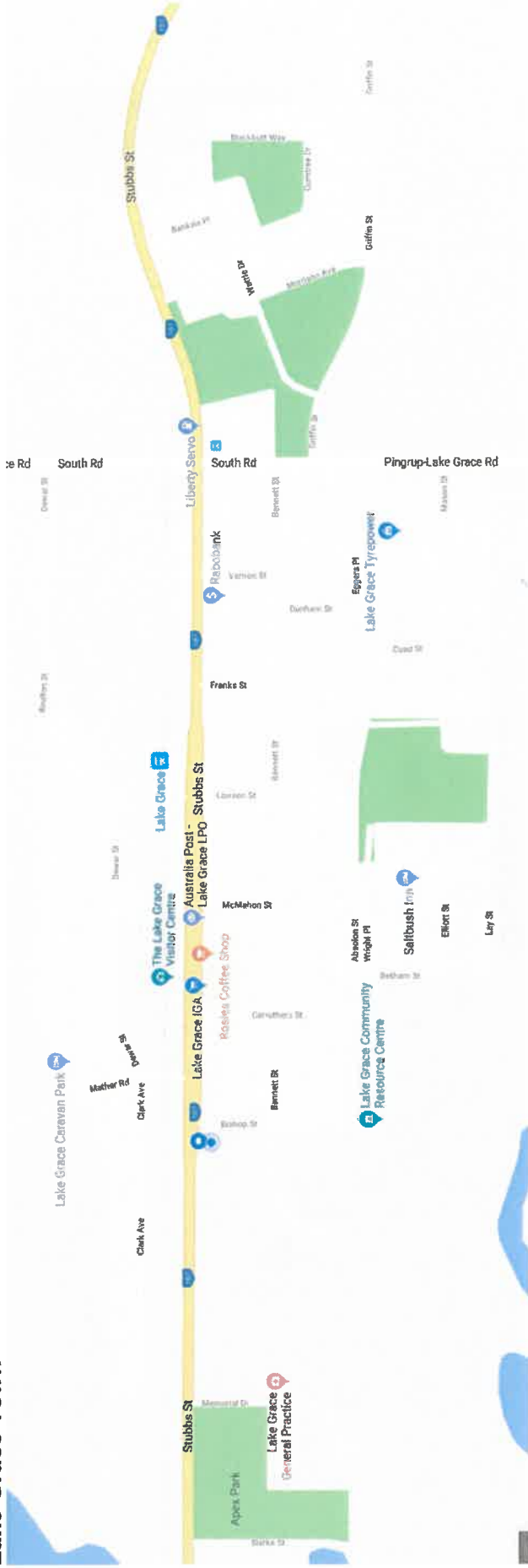


Type:		Subject:	Local Emergency Management Plan	Start Date:	30/03/2016
Version:	4.0.1.1	Location:	'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans	End Date:	



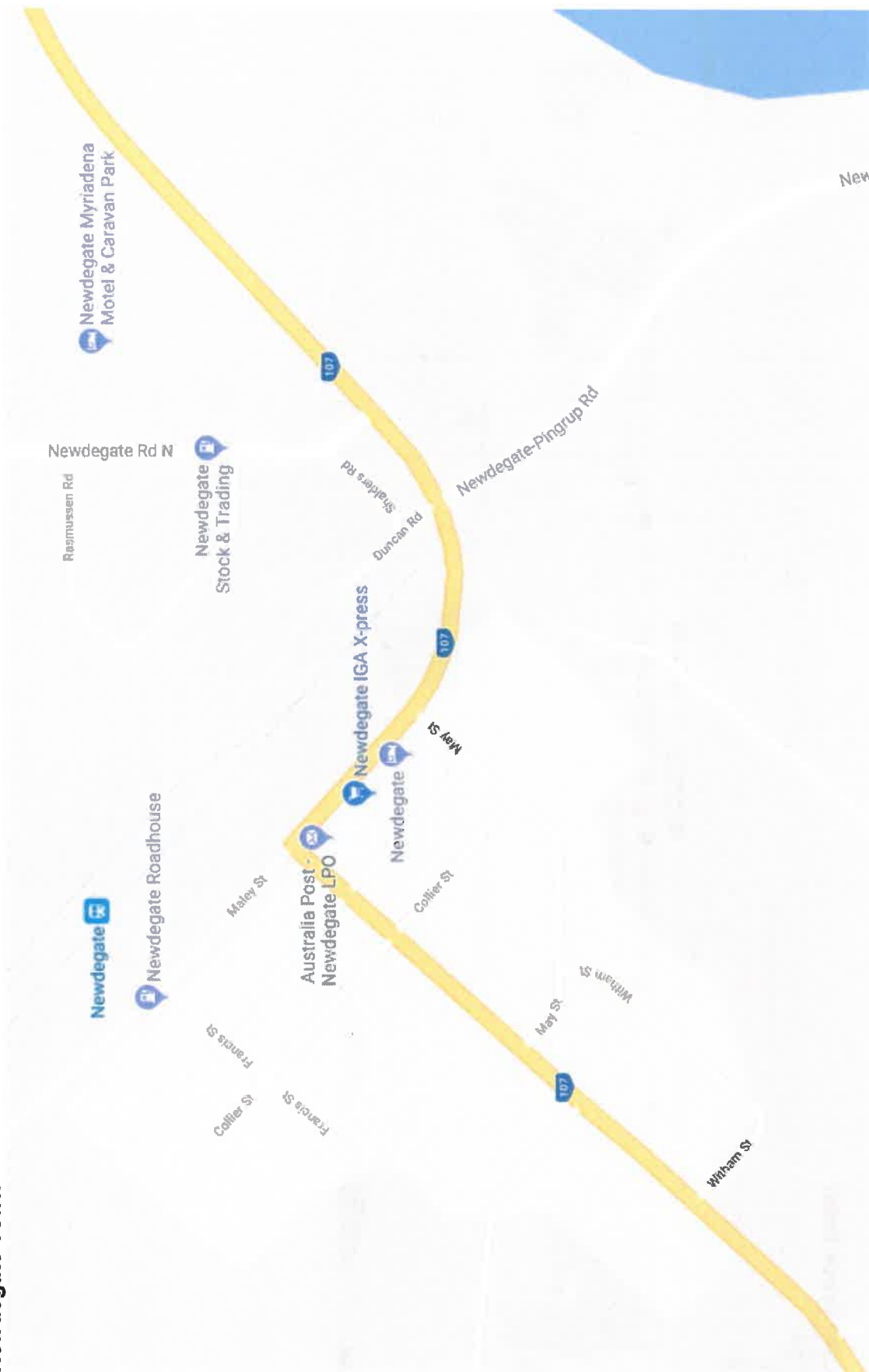
Type:	Local Emergency Management Plan	Start Date:	30/03/2016
Version:	4.0.1.1	End Date:	
Subject:		'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans	

Lake Grace Town



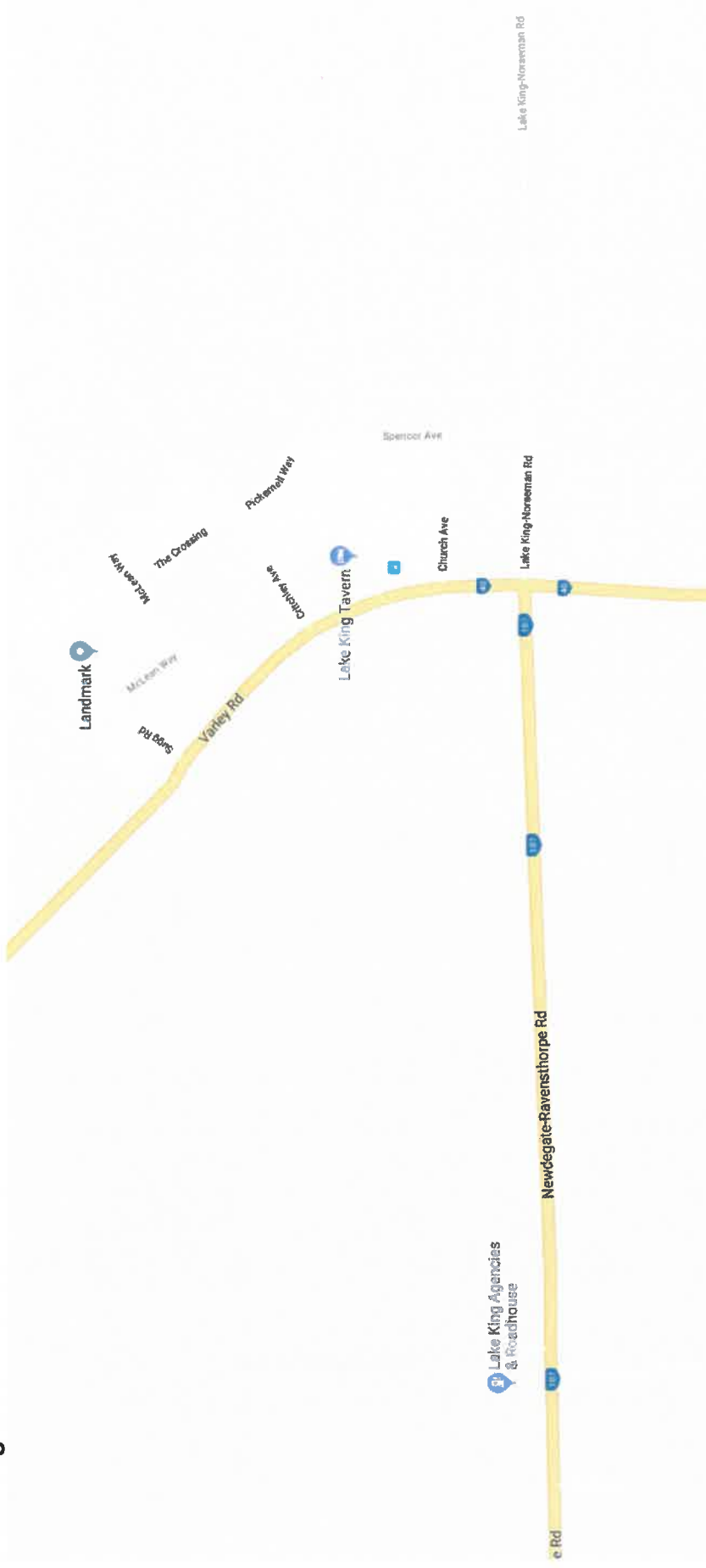
Type:	Local Emergency Management Plan	Start Date:	30/03/2016
Version:	4.0.1.1	End Date:	
	Location: 'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans		

Newdegate Town



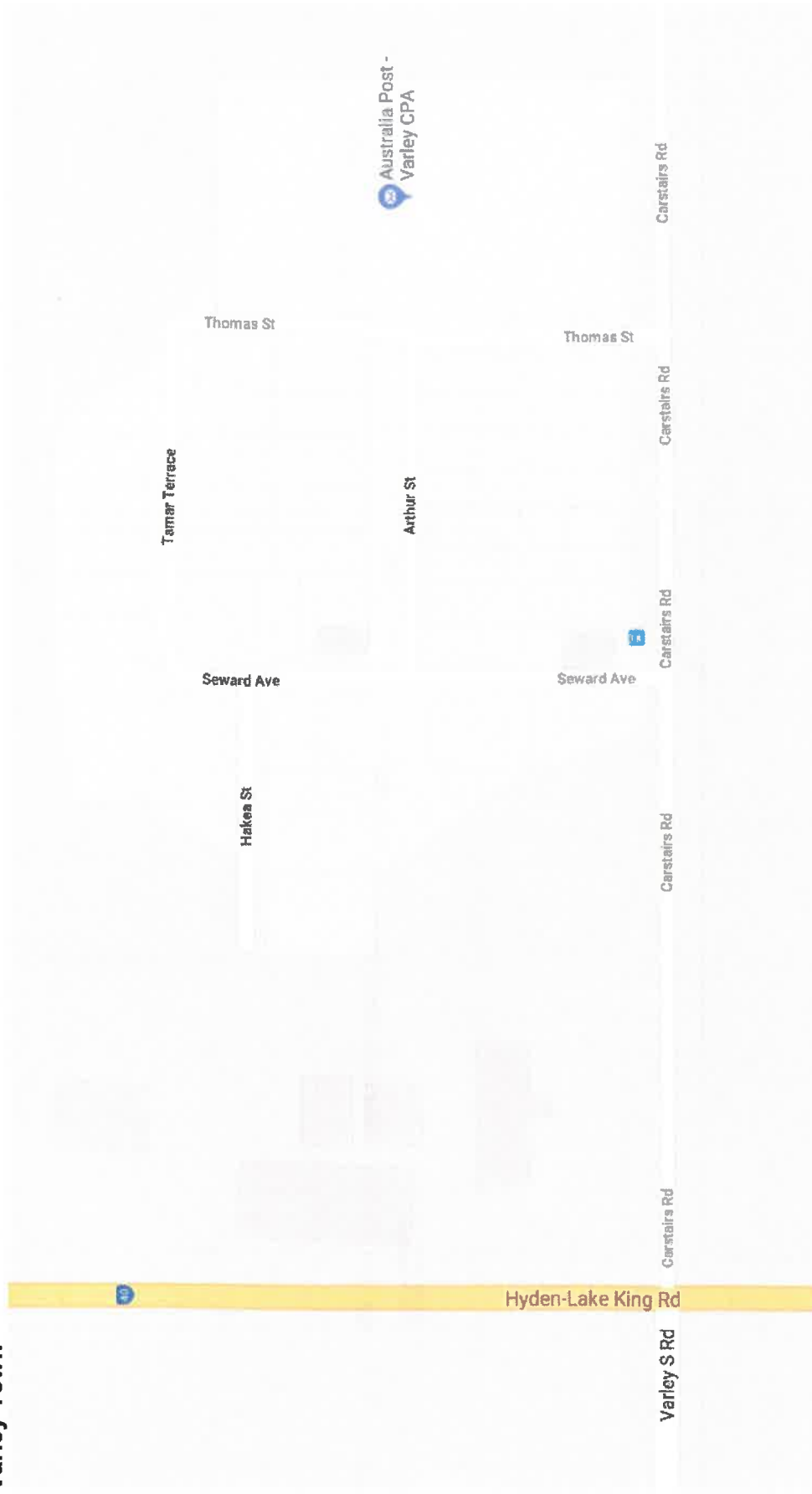
Type:	Local Emergency Management Plan	Start Date:	30/03/2016
Version:	4.0.1.1	End Date:	
Subject:	Local Emergency Management Plan		
Location:	'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans		

Lake King Town

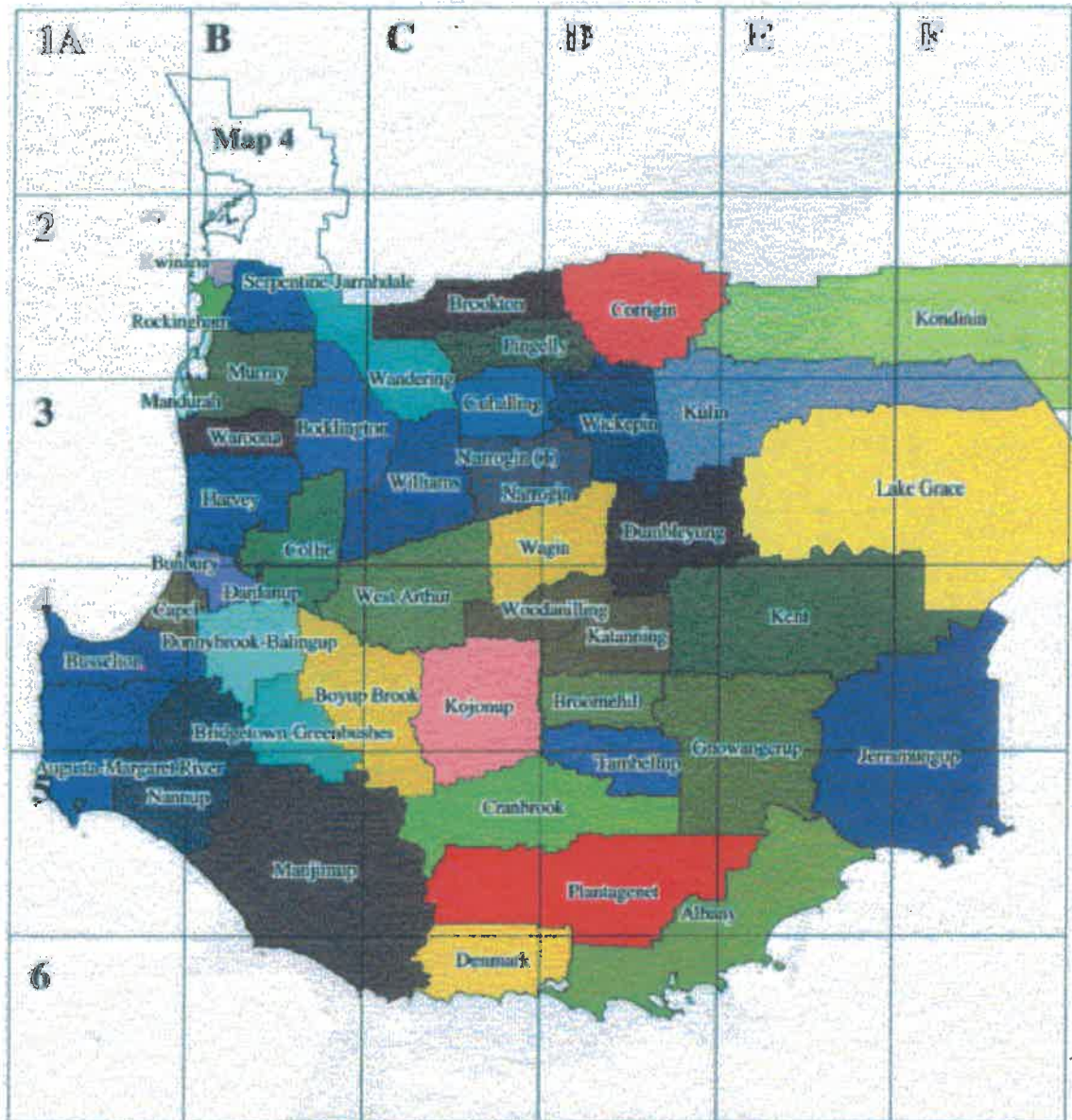


Type:	Local Emergency Management Plan	Start Date:	30/03/2016
Version:	4.0.1.1	End Date:	
Subject:	'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans		
Location:			

Varley Town



Type:	Local Emergency Management Plan	Start Date:	30/03/2016
Version:	4.0.1.1	End Date:	
Subject:	'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans		
Location:			



Type:		Subject: Local Emergency Management Plan	Start Date: 30/03/2016
Version: 4.0.1.1	Location: 'F' Drive/Executive Services/Council Matters/Committees of Council/LEMC/LEM Plans		End Date:

9.4 DEMOGRAPHICS

Source: Aust. Bureau of Statistics 2013

Shire of Lake Grace	
Total persons (excluding overseas visitors)	1,372
Males	748
Females	622
Indigenous persons (comprises Aboriginal and Torres Strait Islander)	1.8% of population
Age groups:	
0-14 years	279
15-24 years	88
25-54 years	619
55-64 years	214
65 years and over	170

Population by Town Centre

Locality	Total Population
Lake Grace	508
Newdegate	441
Lake King	219
Varley	83

Type:		Subject:	Local Emergency Management Plan	Start Date:	30/03/2016
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