

Local Emergency Management Arrangements

2018 – V1.0

**Approved by LEMC meeting:**

**Date of LEMC Review Approval:**

**Date of LEMC Endorsement:**

**Date of LG Endorsement:**

**Review Date:**

🗆 Public Copy

🗆 Restricted Copy

These Arrangements have been produced and issued under the authority of S41 (1) of the Emergency Management Act 2005, endorsed by the Murchison Local Emergency Management Committee (LEMC) and have been tabled with the Midwest Gascoyne District Emergency Management Committee (DEMC).

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| --- | --- | --- |
|  |  |  |
| Chairperson LEMC |  | Date |
|  |  |  |
| Endorsed by Council |  | Date |

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# Distribution Matrix

This document will be distributed in full including appendices to all members of the Murchison LEMC.

A public version not containing appendices will be made available on the Shire of Murchison’s website.

## Distribution

|  |  |  |
| --- | --- | --- |
| Organisation | Location/Officer | **No of Copies** |
| **SHIRE OF MURCHISON** | |  |
| Shire of Murchison | CEO | 1 |
| Shire of Murchison | DCEO | 1 |
| Shire of Murchison | Works Manager | 1 |
| Shire of Murchison | Shire President | 1 |
| **LOCAL EMERGENCY MANAGEMENT COMMITTEE** | |  |
| LEMC Chair | CEO of Murchison | 1 |
| Executive Officer | CESM | 1 |
| WA Police | Mullewa Police Station | 1 |
| WA Police | Yalgoo Police Station | 1 |
| Dept. of Communities | Geraldton | 1 |
| St John Ambulance | Geraldton | 1 |
| Bush Fire Services | Murchison Volunteers – East and West | 2 |
| DFES Regional Office | Carnarvon | 1 |
| Oasis Roadhouse | Murchison | 1 |
| Pia Wadjarri Community | Chairperson | 1 |
| Pia Wadjarri Remote Area School | Principal | 1 |
| CSIRO | Site Manager | 1 |
| Parks & Wildlife Service | Geraldton | 1 |
| **ADJOINING SHIREs/LEMCs:** | | |
| Shire of Cue | LEMC | 1 |
| City of Greater Geraldton | LEMC | 1 |
| Shire of Northampton | LEMC | 1 |
| Shire of Shark Bay | LEMC | 1 |
| Shire of Meekatharra | LEMC | 1 |
| Shire of Upper Gascoyne | LEMC | 1 |
| Shire of Yalgoo | LEMC | 1 |
| Shire of Mount Magnet | LEMC | 1 |

# Amendment Record

Suggestions and comments from the community and stakeholders can help improve these arrangements and subsequent amendments.

Feedback can include:

* What you do and / or don’t like about the arrangements;
* Unclear or incorrect expression;
* Out of date information or practices;
* Inadequacies; and
* Errors, omissions or suggested improvements.

To forward feedback, copy the relevant section, mark the proposed changes and forward to:

Chairperson

Local Emergency Management Committee

Shire of Murchison

PO Box 61

MULLEWA WA 6630

The Chairperson will refer any correspondence to the LEMC for consideration and/or approval. Amendments promulgated are to be certified in the following table, when updated.

## Amendment Record

|  |  |  |  |
| --- | --- | --- | --- |
| Amendment | | Details of Amendment | Amended by |
| No. | Date |  | \*Initial/Date |
| 01 | 5 November 2015 | Complete Review  Due for submission to LG for noting, DEMC for tabling, SEMC for endorsement | DMD  4/11/2015 |
| 02 | 04/10/2016 | Amendments to update terminology and State Emergency Management Plan references | John lane WALGA |
| 03 | 04/10/2016 | Removal of Appendices 1, 7 and 9 relating to LEMC contacts and Shire resources (Separate Contacts and Resources Register created) | John Lane WALGA |
| 04 | 05/01/2017 | Acronym SRC State Recovery Controller added to Annex A | John Lane WALGA |
| 05 | 05/01/2017 | Acronym OEM Office of Emergency Management Added to Annex A. Other references to SEMC Website removed | John lane WALGA |
| 06 | 05/01/2017 | Amendment to State EM Policy relating to Directed Evacuation P25 | John Lane WALGA |
| 07 | 17/10/2017 | Amendments to reflect changes to Government agency names | John Lane WALGA |
| 08 | 21/11/2017 | Complete review of 2015 LEMA with new version due for submission to LEMC, DEMC, and SEMC. | CESM  District Advisor  CEO |
| 09 | 28/11/2017 | LEMC review of new document | LEMC |
| 10 | Nov 2017 | Council review of new document | Council |
| 11 | May 2018 | Amendments to reflect legislation changes | R Ryan CESM |
| 12 | Oct 2018 | Approved by DEMC & SEMC | R Ryan CESM |

**Glossary of Terms**

Terminology used throughout this document shall have the meaning as prescribed in either Section 3 of the Emergency Management Act 2005 or as defined in the State EM Glossary.

**District**: means an area of the State that is declared to be a district under Section 2.1 Local Government Act 1995.

**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)**: Means a committee established under Section 38 of the Emergency Management Act 2005

**Municipality**: Means the district of the local government.

**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** in the State EM Glossary.

**Risk register**: A register of the risks within the local government that is identified through the Community Emergency Risk Management process.

**Risk statement**: A statement identifying the hazard, element at risk and source of risk.

**Treatment options**: A range of options identified through the emergency risk management process, to select appropriate strategies which minimize the potential harm to the community.

**Vulnerability**: The characteristics and circumstances of a community, system or asset that make it susceptible to the damaging effects of a hazard. There are many aspects of vulnerability, arising from various physical, social, economic, and environmental factors that vary within a community and over time.

For further Acronyms refer to the State EM Glossary.

# General Acronyms used in these Arrangements

**BFB** Bush Fire Brigade

**BFS** Bush Fire Service

**BoM** Bureau of Meteorology

**CGG** Shire of Murchison

**DC** Department of Communities

**P&W** Parks and Wildlife – Dept. Biodiversity and Attraction

**DEMC**  District Emergency Management Committee

**DFES**  Department of Fire and Emergency Services

**ECC** Emergency Coordination Centre

**EM** Emergency Management

**FRS** Fire & Rescue Services

**HMA** Hazard Management Agency

**ISG** Incident Support Group

**LEC**  Local Emergency Coordinator

**LEMA** Local Emergency Management Arrangements

**LEMC** Local Emergency Management Committee

**LGA** Local Government Authority

**LRC** Local Recovery Coordinator

**LRCG** Local Recovery Coordinating Group

**OEM** Office of Emergency Management

**SEC** State Emergency Coordinator

**SEMC** State Emergency Management Committee

**SES** State Emergency Service

**SEWS** Standard Emergency Warning Signal

**SOP** Standard Operating Procedures

**WAPOL** Western Australia Police

# PART 1 – Introduction

## 1.1 Authority

These arrangements have been prepared in accordance with sS41(1) of the *Emergency Management Act 2005,* endorsed by the Murchison Local Emergency Management Committee and approved by the Murchison Local Emergency Management Committee on the 28 November 2017.

## 1.2 Community Consultation

The community has been consulted through other forums and through the LEMC committee members.

The Community has been consulted and made aware of these arrangements and their purpose via a number of means including local news letters & Shire Webpage.

## 1.3 Document Availability

In accordance with S43 of the *Emergency Management Act 2005* a copy of these arrangements is available for inspection free of charge by members of the public during office hours at the Shire of Murchison Council office. These arrangements will also be available via the Councils’ website.

Copies of these Arrangements shall be distributed to the following and shall be free of charge during office hours:

* Shire’s Administration Office

Murchison Settlement

Mullewa-Carnarvon Road

Murchison WA 6630

* Shire’s Website in PDF format
* Stakeholder and LEMC agencies and organisations
* Related committees
* DFES Regional Office
* Midwest Gascoyne District Emergency Management Committee
* Office of Emergency Management
* State Emergency Management Committee (Secretary) – electronic format

## 1.4 Area Covered

The Shire of Murchison consists of 26 pastoral leases, an Aboriginal and a Local Government reserve, areas of vacant crown land and various other reserves. The Shire of Murchison is also known as the Shire without a town, there being no gazetted town site within the Shire and only the Murchison Settlement being the major source of population and services.

The major industry of the Shire is the operation of the pastoral stations which produce wool and meat (from sheep, cattle, goats and kangaroos). High technology radio astronomy facilities are being developed at Boolardy Station, stimulating development at the Murchison Settlement.

The land is largely uncleared; however, years of grazing have damaged some areas. The most common species of plants are varieties of acacia with eucalyptus trees inhabiting areas close to the various rivers and their channels.

The Shire is traversed by the Murchison River system including its two tributaries the Sanford and Roderick Rivers. These rivers only flow following significant rainfall events, however there are many permanent pools within the river system.

Rainfall averages around 250mm per year, however this amount varies significantly from year to year. Most rain is experienced in the winter months. The area is subject to rainfall at the tail end of summer cyclones and summer thunderstorms. Large amounts of wildflowers bloom following good winter rainfall.

Summers in the Shire of Murchison are mostly hot, with summer temperatures generally being over 30 degrees Celsius, and there are frequently long periods where the temperature exceeds 37.5 degrees Celsius. Winters are generally cool and sunny. Travellers to the area should be aware of these extremes and equip themselves sufficiently well to ensure their own wellbeing.

2012 Murchison Figures:

* 49 500 sq. km
* Population 114
* No. Dwellings 67
* LG Employees 12

## 1.5 Aim

The aim of this document is to define the management of identified risks and provide detail on proposed planning, response and recovery activities for the Shire of Murchison.

## 1.6 Purpose

The purpose of these arrangements is to set out:

* The Shire of Murchison’s policies for emergency management;
* The roles and responsibilities of public authorities and other agencies involved in emergency management in the Shire of Murchison;
* Provisions about the coordination of emergency operations and activities relating to emergency management;
* A description of emergencies that are likely to occur in the LGA;
* Strategies and priorities for emergency management;
* Other matters about emergency management in the Shire of Murchison prescribed by the regulations; and
* Other matters about emergency management in the Shire of Murchison that the Council considers appropriate. [[s. 41(2) of the EM Act 2005]](https://www.slp.wa.gov.au/legislation/statutes.nsf/main_mrtitle_294_homepage.html)

## 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 HMA’s in dealing with an emergency. These should be detailed in the HMA’s individual plan.

Furthermore:

* This document applies to the LGA of the Shire of Murchison;
* This document covers areas where the Shire of Murchison provides support to HMA’s in the event of an incident;
* This document details the Shire of Murchison’s capacity to provide resources in support of an emergency, while still maintaining business continuity; and
* The Shire of Murchison’s responsibility for 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.

## 1.8 Related Documents

This document covers the key arrangements to enable the delivery of integrated and coordinated emergency management to the Shire of Murchison. The Shire of Murchison currently does not have any policies that specifically relates to emergency management, unique to this local government area.

## 1.9 Local Emergency Management Policies

|  |  |  |
| --- | --- | --- |
| Document | Owner | Date |
| Nil |  |  |
| No Policy’s |  |  |

## 1.10 Existing Plans and Arrangements

|  |  |  |
| --- | --- | --- |
| Document | Owner | Date |
| Site Emergency Management Plan – MRO | CSIRO | 6/2015 |
| Site Emergency Management Plan – Pia Wajarri | Pia Wajarri | 08/2015 |
| Site Emergency Management Plan – Murchison Roadhouse | Shire of Murchison | 01/2018 |
|  |  |  |
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## 

## 1.11 Agreements, Understandings and Commitments

This is a list formal agreements or MOUs that are in between the Shire of Murchison and other local governments, organisations or industries in relation to the provision of assistance during times of need are in place. Currently this is under review.

|  |  |  |
| --- | --- | --- |
| Parties to the Agreement | Summary of the Agreement | Special Considerations |
| Nil at this time currently working with other LGs |  |  |
|  |  |  |
|  |  |  |

## 1.12 Special considerations

Special considerations include;

* Wildflower season: April – September
* Annual migration of the “Grey Nomads”: April – September
* Polo Cross Carnival: Mid July
* Biannual Astro Fest
* Various car rallies
* School Sports Events
* Seasonal conditions e.g. bushfires, cyclones, storms, flood
* No local police or fire or any services on-site

### Special Needs Groups

Special needs groups are available at Appendix 5 and are reviewed periodically to ensure accuracy. These groups include schools, culturally and linguistically diverse groups and retirement villages.

* Special needs group may have been identified through the medical service and documented through medical records and cultural processes.

## 1.14 Resources

The Hazard Management Agency (HMA) is responsible for the determination of resources required to combat the hazards for which they have responsibility. The Shire of Murchisonhas conducted a broad analysis of resources available within the Shire of Murchisonincluding the pastoral properties and collated these in the Shire of MurchisonEmergency Resources and these are recorded in the Shire of Murchison Contacts and Resources Register (Restricted document) refer to Appendix 7.

## 1.15 Roles & Responsibilities

As stated in Emergency Management Regulations, the following table outlines descriptions and responsibilities of key positions in relation to local community emergency management.

|  |  |
| --- | --- |
| **Local role** | **Description of responsibilities** |
| Local government | The responsibilities of the Shire of Murchison are defined in Section 36 of the EM Act. |
| Local emergency coordinator | The responsibilities of the LEC are defined in Section 36 of the EM Act. |
| Local recovery coordinator | To ensure the development and maintenance of effective recovery management arrangements for the local government. In conjunction with the local recovery committee to implement a post incident recovery action plan and manage the recovery phase of the incident. |
| Local welfare coordinator | The Local Welfare Coordinator is appointed by the DCPFS District Director to:   * Establish, chair and manage the activities of the Local Welfare Emergency Committee (LWEC), where determined appropriate by the District Director; * Prepare, promulgate, test and maintain the Local Welfare Plans; * Represent the department and the emergency welfare function on the Local Emergency Management Committee and Local Recovery Committee; * Establish and maintain the Local Welfare Emergency Coordination Centre; * Ensure personnel and organisations are trained and exercised in their welfare responsibilities; * Coordinate the provision of emergency welfare services during response and recovery phases of an emergency; and * Represent the department on the Incident Management Group when required. |
| LG welfare liaison officer | During an evacuation where a local government facility is utilised by CPFS provide advice, information and resources regarding the operation of the facility. |
| LG liaison officer (to the ISG/IMT) | During a major emergency the liaison officer attends ISG meetings to represent the local government, provides local knowledge input and provides details contained in the LEMA. |
| Local government – Incident management | • Ensure planning and preparation for emergencies is undertaken  • Implement procedures that assist the community and emergency services deal with incidents  • Ensure that all personnel with emergency planning and preparation, response and recovery responsibilities are properly trained in their role  • Keep appropriate records of incidents that have occurred to ensure continual improvement of the Shires emergency response capability.  • Liaise with the incident controller (provide liaison officer)  • Participate in the ISG and provide local support  • Where an identified evacuation centre is a building owned and operated by the local government, provide a liaison officer to support the CPFS. |
| LEMC Chair | Provide leadership and support to the LEMC to ensure effective meetings and high levels of emergency management planning and preparedness for the local government district is undertaken. |
| LEMC Executive Officer | Provide executive support to the LEMC by:  • Provide secretariat support including: – Meeting agenda; – Minutes and action lists; – Correspondence; – Committee membership contact register;  • Coordinate the development and submission of committee documents in accordance with legislative and policy requirements including; – Annual Report; – Annual Business Plan; – Local Emergency Management Arrangements;  • Facilitate the provision of relevant emergency management advice to the Chair and committee as required; and  • Participate as a member of sub-committees and working groups as required; |
| Local Emergency Management Committee | 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.  The functions of LEMC are [s. 39 of the Act]:  To advise and assist the local government in establishing local emergency managements for the district;   * to liaise with public authorities and other persons in the development, review and testing of the local emergency management arrangements; and * To carry out other emergency management activities as directed by SEMC or prescribed by regulations.   Other Functions of the LEMC. |
| Controlling Agency | A Controlling Agency is an agency nominated to control the response activities to a specified type of emergency. The function of a Controlling Agency is to;  • undertake all responsibilities as prescribed in Agency specific legislation for Prevention and Preparedness.  • control all aspects of the response to an incident. During Recovery the Controlling Agency will ensure effective transition to recovery. |
| Hazard Management Agency | 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 HMAs is prescribed in the Emergency Management Regulations 2006. Their function is to:  • Undertake responsibilities where prescribed for these aspects [EM Regulations]  • Appoint Hazard Management Officers [s55 Act]  • Declare / revoke emergency situation [s 50 & 53 Act]  • Coordinate the development of the West plan for that hazard [State EM Policy Section 1.5]  • Ensure effective transition to recovery by local government |
| Combat Agency | 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. |
| 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. (State EM Glossary) |
| Emergency Management Agency | A Hazard Management Agency (HMA) ,Combat agency or support organisation as prescribed under the provisions of the Emergency Management Act 2005 |

## LEMC Executive

|  |  |
| --- | --- |
| **Chair** | CEO Shire of Murchison |
| **Deputy Chair** | OIC Yalgoo Police Station |
| **Executive Officer** | CESM |

# PART 2 – Planning

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

## 2.1 LEMC Membership

The Shire of Murchison has established a LEMC to plan, administer and test the local emergency management arrangements.

Membership of the LEMC is representative of the agencies, community groups, non-government organisations and expertise relevant to the identified community hazards and risks and emergency management arrangements.

|  |  |
| --- | --- |
| Executive | |
| Chair: | Shire of Murchison  President / CEO |
| Deputy Chair: | Officer in Charge / LEC  Yalgoo Police |
| Executive Officer: | Shire of Murchison  CESM |
| Local Recovery Coordinator: | Shire of Murchison  CEO |
| Administrative Support: | Shire of Murchison  Administrative Support Officer |
| HMA’s | |
| Shire of Murchison | D/Chief Bush Fire Control Officer |
| Parks & Wildlife | Regional Fire Coordinator |
| Department of Fire & Emergency Services | District Manager |
| Dept. of Transport | Regional Manager |
| Health | Regional Director |
| Agriculture & Food | Site Manager |
| Police Yalgoo | Officer in Charge |
| Welfare Support | |
| Centrelink | Team Leader |
| Community Services | District Emergency Services Officer |
| Red Cross | Team Leader |
| Salvation Army | Lieutenant |
| Utilities | |
| Alinta Gas | Local Manager |
| Main Roads WA | Network Manager |
| Telstra | Area Manager |
| Additional Membership as directed by Local Government | |
| St John Ambulance | Regional Manager |
| Shire of Murchison | Works Manager |
| DFES | Regional Superintendent |
| WALGA |  |
| Pia Wajarri |  |

## 2.2 Meeting Schedule

Preparedness Procedure 7 states that ‘LEMC’s shall meet every three months and as required.’ The Murchison LEMC schedules meetings in February, May, August & November each year. The LEMC may convene a special meeting if required for example after any major emergency incident.

## 2.3 Constitution & Procedures

Each meeting of the LEMC should consider, but not be restricted to, the following matters, as appropriate:

1. Every meeting:
   * 1. Confirmation of local emergency management arrangements contact details;
     2. Review of any post-incident reports and post exercise reports generated since last meeting;
     3. Progress of emergency risk management process;
     4. Progress of treatment strategies arising from emergency risk management process;
     5. Progress the development or review of local emergency management arrangements; and
     6. Other matters determined by the local government.

b) First quarter:

i. Development and approval of next financial year LEMC exercise schedule (to be forwarded to relevant DEMC);

ii. Begin developing annual business plan.

c) Second quarter:

i. Preparation of LEMC annual report (to be forwarded to relevant DEMC for inclusion in the SEMC annual report);

ii. Finalisation and approval of annual business plan.

d) Third quarter:

i. Identify emergency management projects for possible grant funding.

e) Fourth quarter:

i. National and State funding nominations.

## 2.4 Annual Reporting

The annual report of the LEMC is to be completed and submitted to the DEMC within two (2) weeks of the end of the financial year for which the annual report is prepared. The LEMC is required to submit a signed hard copy of the annual report to the Executive Officer of the DEMC.

The LEMC annual report is to contain, for the reporting period:

1. a description of the area covered by the LEMC,
2. a description of activities undertaken by it, including;
   * 1. the number of LEMC meetings and the number of meetings each member, or their deputy, attended,
     2. a description of emergencies within the area covered by the LEMC involving the activation of an Incident Support Group (ISG),
     3. a description of exercises that exercised the local emergency management arrangements for the area covered by the LEMC,
     4. the level of development of the local emergency management arrangements for the area covered by the LEMC
     5. the level of development of the local recovery plan for the area covered by the LEMC,
     6. the progress of establishing a risk register for the area covered by the LEMC, and
     7. a description of major achievements against the Annual Business Plan.
3. the text of any direction given to it by the local government that established it.
4. the major objectives of the annual business plan of the LEMC for the next financial year.

[Emergency Management Preparedness Procedure 17](file:///C:\Users\johnl\AppData\Local\Microsoft\Windows\INetCache\%7b8499A588-0BD4-493C-84ED-D5B439C17C6E%7d\%7bFC40CB51-58D3-4C75-848A-F965D5BF3D28%7d.html) – Annual Reporting refers.

The annual report of the LEMC is to be completed and submitted to the DEMC within 2 weeks of the end of the financial year for which the annual report is prepared. The information provided by the LEMC annual report is collated into the SEMC and the Office of Emergency Management Annual Report which is tabled in Parliament. The SEMC issue the annual report template.

## 2.5 Annual Business Plan

## 

Preparedness Procedure 8 notes each LEMC will complete and submit to the DEMC an annual report at the end of each financial year. One of the requirements of the Annual Report is to have a Business Plan.

The Shire of Murchison will develop an Annual Business Plan incorporated as an attachment to the LEMC annual report in accordance with the SEMC Guidelines.

## 2.7 Emergency Risk Management

## 

The LEMC has undertaken the emergency risk management process in accordance with Standards Australia AS/NZS 31000:2009 Risk Management within a community emergency risk management context.

A risk register has been developed and is included in Appendix 1, and will be continuously reviewed in collaboration with relevant public authorities and/or any other relevant agencies or community groups as appropriate, in accordance with State Emergency Management Procedure 1 – Emergency Risk Management Planning. This register contains descriptions of emergencies likely to occur, and priorities.

Emergency Management Strategies & Priorities will be developed in 2017 in association with the State Emergency Management Committee’s ‘State Risk Project’.

# PART 3 – Support to Response

## 3.1 Risks – Emergencies Likely to Occur & Responsible HMA

The LEMC identified the following hazards within the CGG from the emergency risk management process.

|  |  |  |
| --- | --- | --- |
| Hazard | HMA | WESTPLAN  (Date) |
| Air Crash Emergency | WA Police | Air Crash  2016 |
| Animal & Plant Biosecurity Emergency | Agriculture & Food – Dept. Primary Industries and Regional Development | Animal & Plant Biosecurity 2016 |
| Brookfield Rail Emergency | Brookfield Rail | Brookfield Rail  2016 |
| Fire Emergency (Includes Bush & Urban Fire) | DFES/LG/P&W | Fire 2016 |
| Flood Emergency | DFES | Flood 2016 |
| Hazardous Materials Emergency | DFES | HAZMAT 2016 |
| Heatwave Emergency | Dept. of Health | Heatwave 2016 |
| Human Epidemic Emergency | Dept. of Health | Human Epidemic  2016 |
| Land Search & Rescue Emergency | WA Police | Land Search 2016 |
| Marine Oil Pollution Emergency | Dept. of Transport | Marine Oil Pollution 2016 |
| Marine Transport Emergency | Dept. of Transport | Marine Transport Emergency 2016 |
| Road Crash Emergency | WA Police | Road Crash Emergency 2016 |
| Storm Emergency | DFES-SES | Storm 2016 |
| Tsunami Emergency | DFES | Tsunami 2016 |

These arrangements are based upon the premise that the Hazard Management Agency will be responsible for the above risks and will develop, test and review appropriate emergency management plans for their hazard.

The Shire of Murchison is the Site of Australia largest known earthquake and has had a number of approximately Magnitude 4 and above earthquakes since the 940s.

It is recognised that the HMA’s may require the Shire of Murchison resources and assistance during an emergency. The Shire of Murchison may provide assistance/support if the required resources are available, through the ISG when formed.

The following Priorities have been identified

1. Life
2. Critical Infrastructure
3. Property
4. Environment.

## 3.2 Incident Support Group

## 

The 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.

## 3.2.1 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.

### Membership of an ISG

The ISG is made up of agencies/representatives that provide support to the HMA. As a general rule, the Local Recovery Coordinator (LRC) 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.

## 3.2.2 Triggers for an ISG

The triggers for an incident support group are outlined under the State Emergency Plan 5 – Response. Broadly the requirement is identified when there is a need to coordinate multiple agencies. Specifically, these can be if one of the following triggers is met;

• requires multi agency response;

• has a protracted duration;

• requires coordination of multi-agency resources;

• requires resources from outside the local area;

• Some impact on critical infrastructure;

• has a medium level of complexity;

• has a medium impact on the routine functioning of the community;

• has potential to be declared an ‘Emergency Situation’; and/or

• consists of multiple hazards.

State EM Plan S5 – ‘Response’ should be consulted for further detail.

### 3.2.3 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 and goals by agencies sharing information and resources.

### 3.2.4 Location of ISG Meetings

Proposed locations for ISG meetings are detailed at appendix 2.

The option of Teleconference may be used subject to communications systems being available and working.

## 3.3 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 Controlling Agency. This is achieved through the Incident Management Team position of ‘Public Information Officer’ as per the AIIMS Structure. However, at the time of handover, the responsibility of sign-off of communication material is handed over to the Local Recovery Coordinator.

The Shire will use all means possible to keep the community informed, this may be the use of Telephone trees.

## 3.4 Critical Infrastructure

The Shire of Murchison has identified critical infrastructure within its district. Due to the sensitive nature of this information the details of Critical infrastructure is included in appendix 4 and is not for public distribution.

## 3.5 Financial Arrangements

State EM Policy Section 5.12, State EM Plan Section 5.4 and 6.10 and State EM Recovery Procedures 1-2) outlines the responsibilities for funding during multi-agency emergencies. While recognising the above, the *Shire of Murchison* is committed to expending such necessary funds within its current budgetary constraints as required to ensure the safety of its residents and visitors. The Chief Executive Officer should be approached immediately an emergency event requiring resourcing by the *Shire of Murchison* occurs to ensure the desired level of support is achieved.

## 3.6 Evacuation

[**Refer to State EM Policy 5.7.8 and 5.7.9**](https://www.oem.wa.gov.au/Documents/Resources/LegislationPolicyPlansProcedureandGuidelines/Plans/StateEMPlan/StateEMPlan.pdf)

A range of hazards regularly pose a risk to communities throughout Western Australia. Evacuation of people from an area affected by a hazard is one of the strategies that may be employed by emergency managers to mitigate the potential loss of, or harm to, life. Experience has also shown that the evacuation of residents is not always the optimum solution to managing the risk. Alternatives to evacuation such as to stay and protect and control, or restrict movement should also be considered where appropriate.’

Evacuation is a risk management strategy which may need to be implemented, particularly in regards to cyclones, 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 Controlling Agency 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.

## 3.6.1 Evacuation Planning Principles

The decision to evacuate will only be made by a Controlling Agency 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.

The WA Police Community Evacuation Plan for the Shire of Murchison will be provided as an Annex to these arrangements, when available.

Evacuation can be either:

**Controlled –**The decision to undertake a controlled evacuation must be made by the controlling agency or an Authorised Officer who will also determine if the evacuation is to be recommended (voluntary) or directed (compulsory).

Directed - A HMA/Controlling Agency may issue a direction for people and/or animals to evacuate/be evacuated with which they are obliged to comply in circumstances where it is believed there is an imminent and real threat to life should they remain.

Recommended - A controlled evacuation whereby a HMA/Controlling Agency provides advice to members of a community that they evacuate, when the Incident Controller believes this represents the best option to mitigate the effects of an emergency on a community, based on the agency’s risk assessment at that time, but where the risk is not perceived as extreme/imminent.

All evacuations shall be managed in accordance with:

* [Emergency Management Response Procedure 8](https://www.semc.wa.gov.au/Documents/Resources/Legislation,%20Policy,%20Plans,%20Procedure%20and%20Guidelines/Procedure/StateEMProcedure.pdf) – Direction concerning the movement and evacuation in an emergency situation;
* [Emergency Management Response Procedure 17](https://www.semc.wa.gov.au/Documents/Resources/Legislation,%20Policy,%20Plans,%20Procedure%20and%20Guidelines/Procedure/StateEMProcedure.pdf) – Direction concerning movement and evacuation during a State of Emergency
* [Western Australia Community Evacuation in Emergencies Guide](https://www.semc.wa.gov.au/resources/legislation-and-policy-framework/guidelines).

## 3.6.2 Evacuation Management

The responsibility for managing evacuation rests with the Controlling Agency. The Controlling Agency is responsible for planning, communicating and effecting the evacuation and ensuring the welfare of the evacuees is maintained. The Controlling Agency 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.

Whenever evacuation is being considered the Department of Communities must be consulted during the planning stages.This is because DC has responsibility under State Arrangements to maintain the welfare of evacuees under State Emergency Welfare Plan.

## 3.7 Vulnerable Groups

For information on welfare arrangements for vulnerable groups please refer to the DC Emergency Welfare Plan.

## 3.8 Routes and Maps

The main routes through the Shire of Murchison are as follows:

* Carnarvon Mullewa Road (Bitumen/Formed Gravel Road): Main access road from Mullewa, through Murchison Settlement and Gascoyne Junction onto Carnarvon.
* New Forrest-Yallalong Road (Gravel Road): East/West access along the Murchison River from North West Coastal Highway to Carnarvon Mullewa Road.
* Butchers Track (Formed Gravel Road): East/West access from North West Coastal Highway to Carnarvon Mullewa Road.
* Byro-Woodleigh Road (Formed Gravel Road): East/West access from North West Coastal Highway to Carnarvon Mullewa Road.
* Beringarra-Byro-Cue Road (Formed Gravel Road): East/West access from the Carnarvon Mullewa Road through to Cue.
* Beringarra-Pindar Road (Formed Gravel Road): North/South access from the Geraldton-Mt Magnet Road through to Mt Augusta.
* Mt Wittenoom-Meka Road (Formed Gravel Road): Access road from the Carnarvon Mullewa Road through to Cue, Yalgoo or Mt Magnet.

Refer to [Appendix 7](#_Appendix_7.)**.** This section provides a map of the locality and identifies any issues and local land marks.

## 3.9 Welfare

In emergency management terminology, Welfare is defined as providing immediate and ongoing supportive services to alleviate as far as practicable the effects on persons affected by an emergency.

The role of managing welfare function during an emergency has been delegated to the Department of Communities (DC). The DC will develop a Local Welfare Emergency Support Management Plan that will be used to coordinate the management of the welfare centre(s) for the Murchison LEMC.

## 3.10 Local Welfare Coordinator

The Local Welfare Coordinator is appointed by the Department of Communities District Director to:

* establish, chair and manage the activities of the Local Welfare Emergency Committee (LWEC), where determined appropriate by the DC District Director;
* prepare, promulgate, test and maintain the Local Welfare Plans;
* represent the department and the emergency welfare function on the LEMC and the Local Recovery Committee;
* establish and maintain the Local Welfare Emergency Coordination Centre;
* ensure personnel and organisations are trained and exercised in their welfare responsibilities;
* provide training and support to Local Welfare Liaison Officers in Local Governments;
* coordinate the provision of emergency welfare services during response and recovery phases of an emergency; and
* represent the department on the Incident Management Group when required

Refer to Contacts & Resources Register (Restricted document)

## 3.11 Local Welfare Liaison Officer

Local Government shall appoint a Local Welfare Liaison Officer who has the responsibility to provide support and assistance to the Local Evacuation/Welfare Centre, including the management of emergency evacuation/welfare centres, such as building opening, closing, security and maintenance.

It is important to identify what initial arrangements for welfare will be required, particularly in remote areas, where it may take some time for the DC to arrive. With the delay in the DC arriving, it may be necessary for the Local Welfare Liaison Officer to activate the Local Welfare Support Plan or components thereof, with authority of the Local Welfare Coordinator.

Refer to Contacts & Resources Register (Restricted document).

## 3.12 State and National Registration and Inquiry

The DC is to be contacted whenever an evacuation is considered as the Department has responsibility for the provision of welfare services to evacuees and management of registration and inquiry services using the Red Cross ‘Register. Find. Reunite’ system and associated forms which can be located at [**https://register.redcross.org.au**](https://register.redcross.org.au)

## 3.13 Animals

The Shire will provide support only to assistance animals that come into Evacuation Centres therefore the general community will have to make arrangements for their own animals.

## 3.14 Welfare Centres

The Shire of Murchison holds an Emergency Welfare Centre Register which allows for DC to utilise the buildings contained within the document for Welfare purposes. For a detail list of evacuation / welfare centres refer to appendix 3.

# PART 4 – Recovery

Refer to the Shire of Murchison Local Recovery Plan 2017 which is a sub-plan to these arrangements.

# PART 5 –Exercising, REVIEWING AND REPORTING

## 5.1 The Aim of Exercising

The [State Emergency Management Preparedness Procedure 7](https://www.semc.wa.gov.au/Documents/Resources/Legislation,%20Policy,%20Plans,%20Procedure%20and%20Guidelines/Procedure/StateEMProcedure.pdf) directs that the local government will ensure the local arrangements are exercised at least annually in either of the following formats:

* Discussion (Seminars, Workshops, Desktops)
* Functional (Drills or game style)
* Field or Full Deployment (large scale)

The benefits of testing these arrangements include:

* Determining the effectiveness of the arrangements;
* Bringing together all relevant people to promote knowledge of and confidence in the arrangements and individuals;
* Providing the opportunity to promote the arrangements and educate the community;
* Providing the opportunity for testing participating agencies operational procedures and skills in simulated emergency conditions while testing the ability of agencies to work together on common tasks;
* Improving the arrangements in accordance with the results of exercise debriefings.

It should be remembered that as the primary role of local government in emergency management is ‘recovery’, programs that exercise recovery activities and preparedness are to be foremost.

## 5.2 Frequency of Exercises

Preparedness Procedure 19 – Exercise Management, requires the LEMC to exercise their arrangements on an annual basis.

## 5.3 Types of Exercises

Some examples of exercises types include:

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

Where possible the community should be encouraged to participate in or observe the exercise.

## 5.4 Reporting of Exercises

The LEMC reports exercises scheduled to the relevant DEMC by the 1st May each year. The DEMC compiles the reports and send the dates to the Emergency Services Sub-committee to be included in the SEMC Annual Report (ref Preparedness Procedure 19).

Once the exercises have been completed they should be reported to the DEMC via the template found at ‘appendix C’ of State EM Preparedness Procedure 19 - ‘Exercise Management’.

## 5.5 Review of Local Emergency Management Arrangements

These Local Emergency Management Arrangements shall be reviewed and amended in accordance with SEMC Preparedness Procedure 7 – *Emergency Management in Local Government Districts* and replaced whenever the local government considers it appropriate (S42 of the EM Act).

According to the State Emergency Management Plan, the LEMA (including recovery plans) are to be reviewed and amended as follows:

* contact lists are reviewed and updated quarterly;
* a review is conducted after training that exercises the arrangements;
* an entire review is undertaken every five (5) years, as risks might vary due to climate, environment and population changes; and
* Circumstances may require more frequent reviews.

## 5.6 Review of Local Emergency Management Committee Positions

The Shire of Murchison shall determine the term and composition of LEMC positions. (Preparedness Procedure 7). When determining the composition of the LEMC the Shire of Murchison will take into consideration Preparedness Procedure 7, s15-18 that provides a list of recommended members. Additional members may be invited where their membership will benefit the function of emergency management for the Shire.

The Shire of Murchison will conduct a formal review of the LEMC membership in conjunction with each review of the Local Emergency Management Arrangements.

## 5.7 Review of the 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. Generally, this will occur at the beginning of October each year.

# PART 6 –Appendixes

# Appendix 1. Risk Register

## Risk Register Schedule

Refer Appendix 8

|  |  |
| --- | --- |
| **Risk Statement** | **Risk Treatment Strategies** |
|  |  |
| There is the potential that fire will destroy pastoral land and threaten homesteads and other property | Retain the risk by informed decision ie community are aware and prepared;  Remove flammable waste from near built up areas to reduce risk to homes and property;  Put fire breaks around homesteads. |
|  |  |
| There is the potential that a weather event will cause a flood that decimates the new Ballinyoo Bridge | Retain the risk by informed decision ie community are aware and prepared;  Share the risk with insurance company;  Ensure that the low level crossing is maintained as a back-up access route. |
|  |  |
| There is the potential that a cyclone will decimate the Murchison Settlement and surrounding station homesteads | Retain the risk by informed decision ie community are aware and prepared;  Share the risk with insurance company;  Ensure building regulations are hazard specific. |

# Appendix 2. isg meeting locations

## ISG Meeting Locations

**Location One: Yalgoo Police Station**

**Address:**

|  |  |  |
| --- | --- | --- |
|  | Name | Phone |
| 1st Contact | OIC | 9962 8032 |
| 2nd Contact | Station | 9962 8032 |

**Location Two: Mullewa Police Station**

**Address:**

|  |  |  |
| --- | --- | --- |
|  | Name | Phone |
| 1st Contact | OIC | 9961 6600 |
| 2nd Contact | Station | 9961 6600 |

**Location Three: Shire of Murchison – Council Chambers**

**Address:** Lot 3007 Carnarvon Mullewa Road Murchison

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Phone | Sat Phone |
| 1st Contact | CEO | 08 99637999 | 0418 482 386 |
| 2nd Contact | Works Supervisor | 08 9963 7999 | 0424 219 721 |

**L**

**Location Four: Shire of Murchison – Evacuation Centre**

**Address:**  Carnarvon Mullewa Road Murchison

|  |  |  |  |
| --- | --- | --- | --- |
|  | Name | Phone | Sat Phone |
| 1st Contact | CEO | 08 9963 7999 | 0418 482 386 |
| 2nd Contact | Works Supervisor | 08 9963 7999 | 0424 219 721 |

# 

# Appendix 3. Evactuation & welfare centre information

## Evacuation / Welfare Centre Information

|  |  |
| --- | --- |
|  | **Details** |
| Establishment/Facility: | **MURCHISON COMMUNITY CENTRE** |
| Physical Address | Murchison Settlement, Mullewa-Carnarvon Road |
| General Description of the Complex | A purpose built community centre with a semi-commercial kitchen to the North, a carpeted meeting room, toilet/shower and a well-equipped first aid room to the South and an un-lined Hall in the centre. |
| Telephone No | 08 9963 7999 |
| Fax No | 08 9963 7966 |
| Email Address | ceo@murchison.wa.gov.au |

****

**Contacts**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Position** | **Work Contact** | **Sat Phone** |
| Peter Dittrich | CEO | 08 9963 7999 | 0418 482 386 |
| Brian Wundenberg | Works Supervisor | 08 9963 7999 | 0424 219 721 |

**Access Details**

|  |  |
| --- | --- |
|  | **Details** |
| Keys | Available from the Shire |
| Alarm | No |
| Security | No |
| Universal Access | Limited |

**Accommodation Numbers** – as per Health Regulations

|  |  |
| --- | --- |
|  | **Details** |
| Sitting / Standing | 75 |
| Sleeping | 30 |
| Duration | 24 – 48 hours |

**Amenities**

There are three ablution facilities that can support this facility:

* Disabled/unisex internal facility
* Ablution block 20 metres North
* Caravan Park ablution block – “The Turtle” 100 metres South

|  |  |  |
| --- | --- | --- |
| **Item** | **Yes/No** | **Notes** |
| **Toilet Facilities: Male** | | | |
| Toilets | 1 |  |
| Showers | 1 |  |
| Urinal | 1 |  |
| Hand Basins | 1 |  |
|  |  |  |
| **Toilet Facilities: Female** | | |
| Toilets | 2 |  |
| Showers | 1 |  |
| Hand Basins | 1 |  |
|  |  |  |
| **Disability Facilities - Unisex** |  |  |
| Showers | 1 |  |
| Toilet | 1 |  |
| Hand Basins | 1 |  |
|  |  |  |
| **Toilet Block Store:** | | |
| Chest freezer |  |  |
| Electrical sub-board |  |  |
|  |  |  |
| **Kitchen Facilities:** | | | |
| Stoves (types) | Yes |  |
| BBQ/Griddle plate | Yes |  |
| Range Hood | Yes |  |
| Refrigeration | Yes |  |
| Microwave | 1 |  |
| Urn | 1 |  |
| Chip Fryer |  |  |
| Bain Marie |  |  |
| Bug Zapper | 1 |  |
| Electrical sub-board |  |  |
|  |  |  |
| **Dining Facilities:** | | |
| Tables | 8 |  |
| Chairs | 60 |  |
| Cutlery and Crockery | 50 |  |
|  |  |  |
| **Main Area:** | | |
| Vinyl Sheet flooring |  |  |
| Electrical switchboard |  |  |
|  |  |  |
| **Bar:** | | |
| Fridge | Yes |  |
| Kitchen Sink | Yes |  |
|  |  |  |
| **General Facilities:** | | |
| Rooms |  |  |
| RCD Protected | Yes |  |
| Power Points | Yes |  |
| Generator Port | No |  |
| Fire Equipment | Yes |  |
| Air Conditioning (Type) | Yes | Evaporative |
| Heating | Yes |  |
| Ceiling Fans | No |  |
| Lighting (internal) | Yes |  |
| Lighting (external) | Yes |  |
| Telephone Lines | Yes |  |
| Internet Access | No |  |
| Hot Water System (type) | Yes |  |
| Bins | Yes |  |
| Septic | Yes |  |
|  |  |  |

**External Amenities**

|  |  |  |
| --- | --- | --- |
| **Amenities Areas:** | | |
| Enclosed Covered Areas | Yes |  |
| Outside Children’s Play Area | Yes |  |
| Recreation Rooms | No |  |
| BBQs | Yes |  |
| Conference Rooms | No |  |
| Meeting Rooms | Yes |  |
| Swimming Pool | No |  |
| Oval | No |  |
|  |  |  |
| **External Facilities:** | | |
| Power Outlets | Yes |  |
| Water | Yes | Not-potable |
| Parking | Yes |  |
| Area for Tents | Yes |  |
| Toilets | Yes |  |
| Caravan/Articulated Vehicles | Yes |  |
|  |  |  |
| **Other:** | | |
| Mobile Phone Coverage | No |  |
| Storage | No |  |
| Pet friendly |  |  |
| Main Electrical Board Location |  |  |
| Water Stop Cock Location |  |  |

# Appendix 4. critical infrastructure

## Critical Infrastructure

The infrastructure scheduled below is those that the community considers to be critical within the Shire of Murchison and therefore should be treated as such in an emergency:

|  |  |
| --- | --- |
| **INFRASTRUCTURE** | **AGENCY RESPONSIBLE** |
| * Murchison Sports Club – First Aid Room | Shire |
| * Power Generation | Shire |
| * Power Reticulation | Shire |
| * All roads within the Shire | Shire |
| * Water Supply | Shire |
| * Waste Water Treatment | Shire |
| * Murchison Aerodrome | Shire |
| * Emergency Airstrip – 40kms south of Settlement on Mullewa-Carnarvon Road | Shire |
| * Communication Towers | Various providers |
| * Evacuation Centre’s | Shire |
| * Shire Administration Centre | Shire |

# Appendix 5. special need groups

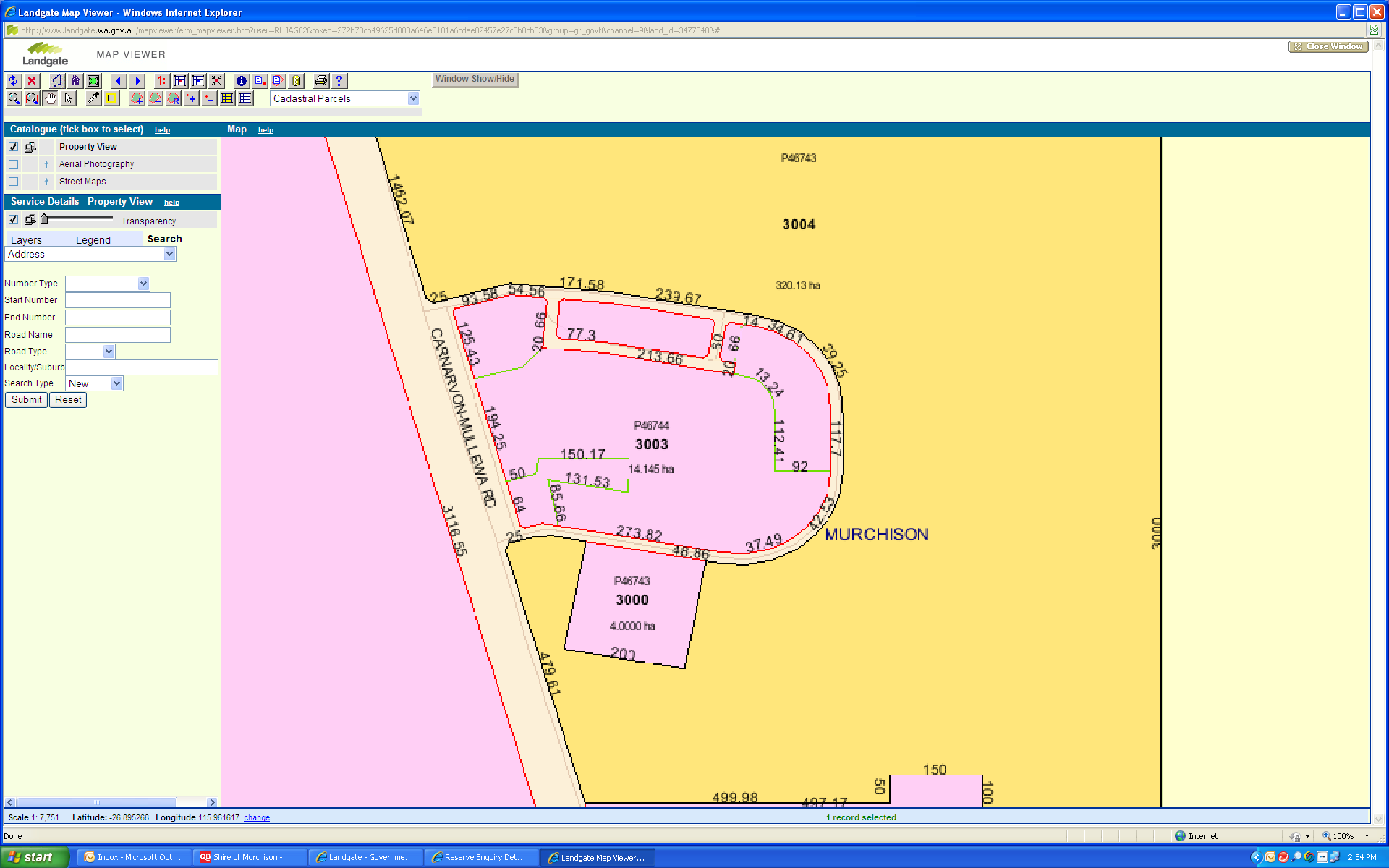
## Special Need Groups

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Name** | **Address** | **Contact 1** | **Contact 2** | **No People** | **Have they got an evacuation plan?** |
| Pia Wadjarri Community |  | Mr Len Merry Chairperson 9963 7166 |  |  | Currently being written |
| Pia Wadjarri Remote Area School |  | Barry Powell  Principal  9961 3842 |  |  | Yes |

# Appendix 6. local district maps

## Local District Maps

**Murchison Settlement**



**Pia Wajarri**

****

# 

**Mt Magnet**

**Mt Magnet**

**Murchison Shire**



# Appendix 7. Resource Register

### 

### Interpreters

Translating & Interpreting Service (TIS National)

Telephone Interpreting Service

On-site Interpreting bookings 1300 655 082 Fax: 1300 654 151

24 Hrs contact: 13 14 50

Aust-Asia Migration & Interpreting Services

Office 59 King St, Perth WA 6000

Mobile Service 0414 497 199

Hellenic Interpreting & Translating Services

10 Everest Way  
Alexander Heights WA 6064

Mobile Service 0404 887 007

Italian T/I Services

Translating/Interpreting   
2 Townshend Ave Balcatta WA 6021 Ph.: (08) 9344 7663

Deaf Society of Western Australia

Suite 46, 5 Aberdeen Street

East Perth WA 6004

Ph.: (08) 9441 2677

Fax: (08) 9441 2616

National Relay Service 13 3677

A/H: Emergency Deaf Interpreting Service 0410 017 540

## Air Charter

Murchison Coast Air Charter

166 Marine Terrace

GERALDTON

1300 660 834

[info@abrolhosbat.com.au](mailto:info@abrolhosbat.com.au)

Geraldton Air Charter

Brearley Terminal

Geraldton Airport

Ph.: 9923 3434 Fax 9923 3262

[geroair@midwest.com.au](mailto:geroair@midwest.com.au)

Shine Aviation

Geraldton Airport

Ph.: 9923 3600

[admin@shineaviation.com.au](mailto:admin@shineaviation.com.au)

### Traffic

Midwest Traffic Controllers

Ph.: 99655888

Mobile- 0418939378

Quality Traffic Communications

Chapman Rd

99239278

Mobile- 0419700160

## Buses

Bus Hire

9926 1197

[reception@srs.reline.com.au](mailto:reception@srs.reline.com.au)

Thrifty Car Rental

Ph.: (08) 99233841

Hertz Car Rental

275 Place road

Webberton & Geraldton Airport

Ph.: 9965 2844

[Geraldton@hertzrentals.com.au](mailto:Geraldton@hertzrentals.com.au)

## Crane Hire

Geraldton Cranes & Haulage

26 Boyd Street

Geraldton

Ph.: 9921 6477 Fax 9921 6677

[gtncrane@iinet.net.au](mailto:gtncrane@iinet.net.au)

Boon Logistics Ltd Geraldton

62 Flores Road

Geraldton

Ph.: 9921 1177 Fax 9921 8434

[dmcdonald@boomlogistics.com.au](mailto:dmcdonald@boomlogistics.com.au)

OKG Cranes

Mobile 0400 383 355 Fax 9938 3300

[kavak@bigpond.com](mailto:kavak@bigpond.com)

Freo Cranes

114 Flores Road8 9965 2007

Ph.: (08) 9965 2007 Fax (08 9964 2006)

[geraldton@freogroup.com.au](mailto:geraldton@freogroup.com.au) 8 9964 2006

## Earthmoving

North Coast Contractors

475 Edward Road

Meru

Mobile: 0419 954 447 Fax 9923 7050

Central Earthmoving

134 Flores Road

Geraldton

Ph.: 9965 6565 Fax 9921 5910

[cenearth@cenearth.com.au](mailto:cenearth@cenearth.com.au)

Coates Equipment Hire

65 Northwest Coastal Highway

Geraldton

Ph.: 9920 4200 Fax 9921 9040

[geraldton@coateshire.com.au](mailto:geraldton@coateshire.com.au)

Tru Blu Hire

Industrial & Domestic Equipment Hire

76 Flores Rd Geraldton

Ph.: 99214288

Geraldton hire & Scaffolding

312 Place Rd Geraldton

Ph.: 9964 1048 or 0428 641 048

State-wide Equipment Hire

134 Flores Rd Geraldton

Ph.: 9965 2255 F 9965 2211

[geraldton@sweh.com.au](mailto:geraldton@sweh.com.au)

GPC Earthmoving

17 Stow Street

Geraldton

Ph.: 9964 7388 Mobile 0428 939 611

[gpcearthmoving@bigpond.com](mailto:gpcearthmoving@bigpond.com)

Midwest Mini Excavator & bobcat Hire

336 Beattie Road

Geraldton

Ph.: 9938 1411 Mobile 0418 939 701

Murchison Bobcat & Tip Truck Hire

17 Crawford Street

Geraldton

Ph.: 9923 1372 Mobile 0427 184 308

[willow@modnet.com.au](mailto:willow@modnet.com.au)

GBH Earthmoving

14 Moresby Road

Moresby

Ph.: 9938 1667 M 0408 939 567

[GBHEarthmoving@bigpond.com](mailto:GBHEarthmoving@bigpond.com)

Lenane Holdings Pty Ltd

106 Foskew Way106

Ph.: 9923 3900 Mobile 0418 939 870

[lenaneholdings@bigpond.com](mailto:lenaneholdings@bigpond.com)

Ivey Contracting

11 White Peak Rd

Geraldton

Glenn 9938 3250 Mobile 0428 840 935

Moonyoonooka Back Hoe Hire

PO Box 133

Moonyoonooka

Ph.: 9923 3180

K & S Bobcat Hire

PO Box 2236

Geraldton

Ph.: 9926 1643 Mobile 0419 992 471

[ksbobcat@active8.net.au](mailto:ksbobcat@active8.net.au)

Midwest Dingo

33 Stephen Rd, Waggrakine

Mick – 0409 740 077

Kasam Bobcat

5 Sexton Drive Moresby

Ken – 0428 784 544

[kscontractors@westnet.com.au](mailto:kscontractors@westnet.com.au)

Marsden's Mulch & Manure Bobcat & Truck Hire

18 Baker Street

Geraldton

Ph.: 9965 2447 Mobile 0409 842 209

Pemco Diesel

5 box Street

Geraldton

Ph.: 9964 8511 Mobile 0427 920 818 Richard 0428 920 818 Mark

## Electrical Services

Geraldton Electrical Co

14 Beaver Street

Geraldton

Ph.: 9964 1733

[info@geraltonelectricalco.com.au](mailto:info@geraltonelectricalco.com.au)

Beresford Electrical Services

46 Anderson Street Geraldton

Webberton 6530

Ph.: 99643139 Mobile 0418 930 664

[Beresford@wn.com.au](mailto:Beresford@wn.com.au)

Verlindens Electrical Geraldton

Unit 1/29 Boyd Street

Geraldton

Ph.: 9964 1181 Fax 9964 1184

[verlindenselect@westnet.com.au](mailto:verlindenselect@westnet.com.au)

B-Vec Electrical Services

Fax 9938 1197 Mobile – Barry 0408 935 592

[bvecelectrical@bigpond.com](mailto:bvecelectrical@bigpond.com)

Gary Laing Electrical

7 Trigg Street

Beresford

Ph.: 9964 4017 Fax 9964 1010 Mobile 0418 939 407

Marc O’Brien Electrical

PO Box 2977

Geraldton

Mobile 0429 009 656 Fax 9965 5111

[obrienelectrical@bigpond.com](mailto:obrienelectrical@bigpond.com)

S & K Electrical Contracting Pty Ltd

43 Bradford Street, Geraldton

Ph.: 9964 6880 Fax 9964 6881

[admin@skec.com.au](mailto:admin@skec.com.au)

Wellington Electrical

12 Oleander Cres

Geraldton

Mobile 0418 939 034 Fax 9964 2357

[welelect@bigpond.net.au](mailto:welelect@bigpond.net.au)

Mitchell & Brown

180 Chapman Road

Geraldton

Ph.: 9965 9999

[sales@mitchellandbrown.com.au](mailto:sales@mitchellandbrown.com.au)

Harvey Norman

16 Anzac Terrace Geraldton

P 9964 0111 F 9964 5722

Fletchers Communications

120 Flores Rd

T 9920 8888 F 9964 5211

Mobile- 0418 939 069

ML Communications

74 North West Costal Highways

9965 7555 Michael Link- 0418 939 325

Market Creations

7 Chapman Road

Ph.: 99208500

Leading Edge

61 Marine Terrace Geraldton

P 9921 1278 F 9921 8446

[leegeraldton@westmet.com.au](mailto:leegeraldton@westmet.com.au)

Champion Bay Electrical

Ph.: 9921 7557 Fax 9923 9264

[cbelect@wn.com.au](mailto:cbelect@wn.com.au)

## Generators

Midwest Rewinds Generators

104 Anderson Street

Geraldton

9965 0785

Coates Equipment Hire

65 Northwest Coastal Highway

Geraldton

9920 4200 Fax 9921 9040

[geraldton@coateshire.com.au](mailto:geraldton@coateshire.com.au)

## Plumbing Services

Sun City Plumbing

7 box Street

Geraldton

9921 1700 Fax 9921 1760

[admin@suncityplumbing.com.au](mailto:admin@suncityplumbing.com.au)

Nelson Plumbing

11-13 Connolly Street, Geraldton

Ph.: 9964 3334 M 0418 934 928

Solarhart

Unit 16

208-210 North West Coastal Highway

Ph.: 9964 3314 Fax 9964 3315

[bbqger@wn.com.au](mailto:bbqger@wn.com.au)

SR Plumbing and Gas Pty Ltd

292 Northwest Coastal Highway,

Geraldton

Ph.: 99645305 F 99211693 Saul – 0428 442 209

Sunwest Plumbing

17 Bosley Street

Geraldton Ph.: 99383385 Fax 9938 3390 Mobile – Ben 0418 881 937

[sunwest@westnet.com.au](mailto:sunwest@westnet.com.au)

T & T Plumbing Air conditioning and Gas

9a View Street

Geraldton

Ph.: 9921 7225 Fax 9921 7572

[ttplumbing@wn.com.au](mailto:ttplumbing@wn.com.au)

G & K Wheat Plumbing

204 Place Road

Geraldton

Ph.: 9921 3601 Fax 9964 4161

Geraldton Blue Sea Plumbing and Gas

PO Box 233

Geraldton

Ph.: 9938 1060 Mobile 0427 652 351

Herrings Coast Plumbing and Gas Fitting Services

22 Stow Street

Webberton

Ph.: 9964 4171 Mobile – Chris 0418 939 659

[megablue@westnet.com.au](mailto:megablue@westnet.com.au)

Midwest Plumbing & Gas Fitter

15 James Street

Geraldton

Ph.: 9921 5944 Mobile 0419 042 090

Same Day Plumbing

16 Moresby Road

Geraldton

Mobile 0418 957 411 Fax 9938 3025

## Tree Lopper Services

Top Notch Tree

36 Crowther Street, Geraldton

Geraldton

T 99646699 Mobile – Peter 0427 230 309 Fax 9923 2886

Down to Earth Tree Lopping

191 Edward Road

Geraldton

9921 2042 Mobile 0408 404 477

## Waste Removal

Veolia Environmental Services

11- 13 Connolly Street

Geraldton

9964 2844

Appendix 8. Risk Matrix

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **RISK No.** | **RISK STATEMENT** | **LIKELIHOOD RATING** | **CONSEQUENCE RATING** | **LEVEL OF RISK** | | | **ELEMENT AT RISK** | **PRIORITY** | | **TREAT Y/N** | | |
| **01/17** | There is a risk that a road transport emergency will cause serious injury or death to people. Road transport emergencies involving interaction between heavy vehicles and other traffic such as tourist coaches and trains may occur. Heavy vehicles are prevalent on highways within the Shire of Murchison Local Government Area. The Shire of Murchison has a number of major heavy vehicle routes within its boundaries. | **ALMOST CERTAIN** | **MAJOR** | **EXTREME** | **PEOPLE** | | |  | |  | | |
| **02/17** | There is a risk that a severe storm will cause damage to or destroy infrastructure. Severe storm events affect the Midwest-Gascoyne area including the Shire of Murchison on an annual basis. There may also be significant damage caused to lifelines such as power lines. Damage to roads from flash flooding is also likely in low lying areas. | **LIKELY** | **MODERATE** | **HIGH** | **INFRASTRUCTURE** | | |  | |  | | |
| **03/17** | There is a risk that bush fires will cause death or serious injury to people. Farming areas adjacent to natural heath scrub are particularly at risk from bush fires. | **LIKELY** | **MODERATE** | **HIGH** | **PEOPLE** | | |  | |  | | |
| **04/17** | There is a risk that bush fires will cause damage to or destroy the environment. Bush fires in the pasture lands can remove vegetation exposing the top soil subject to erosion from wind or rain  . | **LIKELY** | **MODERATE** | **HIGH** | | **ENVIRONMENT** | | |  | |  |
| **05/17** | There is a risk that bush fires will affect the economy of the community. The farming community around Murchison may be exposed to financial losses from crop damage during harvest. | **POSSIBLE** | **MODERATE** | **HIGH** | | **ECONOMY** | | |  | |  |
| **06/17** | There is a risk that bush fires will cause damage to or destroy infrastructure. Bush fires can cause damage to infrastructure such as bridges, fencing, and power lines. | **ALMOST CERTAIN** | **MODERATE** | **HIGH** | | **INFRASTRUCTURE** | | |  | |  |
| **07/17** | There is a risk that a hazardous materials spill will cause serious injury to people. Hazardous materials may release toxic fumes which could cause injuries especially in the more densely populated urban areas. | **LIKELY** | **MODERATE** | **HIGH** | | **PEOPLE** | | |  | |  |
| **08/17** | There is a risk that a hazardous materials spill will cause harm to human health. Hazardous materials may release toxic fumes which could cause injuries especially in densely populated areas. | **LIKELY** | **MODERATE** | **HIGH** | | **PEOPLE** | | |  | |  |
| **09/17** | There is a risk that a riverine flood will cause damage to or destroy infrastructure. The river has a history of flooding and should a flooding event occur it is likely that infrastructure such as buildings, roads, fencing and bridges may be damaged  . | **LIKELY** | **MODERATE** | **HIGH** | | **INFRASTRUCTURE** | | |  | |  |
| **10/17** | There is a risk that a severe storm will cause loss or damage to the environment. There is a possibility that heavy rainfall may cause serious erosion damage in sensitive environmental areas such as rivers and creeks  . | **POSSIBLE** | **MODERATE** | **MEDIUM** | | **ENVIRONMENT** | | |  | |  |
| **11/17** | There is a risk that a severe storm will affect the economy of the community. | **POSSIBLE** | **MODERATE** | **MEDIUM** | | **ECONOMY** | | |  | |  |
| **12/17** | There is a risk that a road transport emergency will cause damage to or destroy the environment. | **POSSIBLE** | **MODERATE** | **MEDIUM** | | **ENVIRONMENT** | | |  | |  |
| **13/17** | There is a risk that a hazardous materials spill will cause death. Hazardous materials emit toxic fumes and may cause death through inhalation. | **UNLIKELY** | **MAJOR** | **MEDIUM** | | **PEOPLE** | | |  | |  |
| **14/17** | There is a risk that a hazardous materials spill will affect the economy of the community. | **UNLIKELY** | **MODERATE** | **MEDIUM** | | **ECONOMY** | | |  | |  |