



*City of*  
**Joondalup**

**(REVISED)**

# **Community Emergency Management Arrangements**

**August 2006**

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During Emergencies

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Town of Bassendean	
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Note: Distribution by hard copy & CD-Rom

**AMENDMENT LIST**

NO	DATE	AMENDMENT DETAILS	AMENDED BY (Initials & Date)	
1	Nov 2002	Draft Plan		
2	Nov 2003	Emergency Contact Numbers	JC	11/2003
3	Feb 2006	Review and restructure	JC	03/2006
4				
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Amendments or suggested amendments/additions to the contents of this Plan are to be forwarded in writing to: -

**Director  
Infrastructure Services  
City of Joondalup  
PO Box 21  
Joondalup WA 6919**

## **PREFACE**

The City of Joondalup Community Emergency Management Plan has been compiled to address those areas where the City provides support to Hazard Management Agencies and other agencies, and the Cities responsibility for recovery operations.

This Plan should be read in conjunction with the COW/COJ LEMC Local Community Emergency Management Arrangements, State Emergency Management Plans (Westplans), State Emergency Management Committee Policy Statement No. 7 “WA Emergency Management Arrangements”, Emergency Management Act 2005 and the Standing Operating Procedures of participating organisations.

In a joint initiative the COJ and the COW completed an undertaking of the emergency risk management process based on the Australian and New Zealand Risk Management Standards AS/NZS 4360:2004 in December 2005. Relevant information from the process has been incorporated into these arrangements. In alignment to the Emergency Management Act 2005, this plan, including relevant support and special plans, will be reviewed as required by the SEMC to accommodate the needs and changes to the COJ community.

## GLOSSARY

### **Combat Agency**

An organisation which, because of its experience and resources, is responsible for performing a task or activity such as fire fighting, rescue, temporary building restoration, evacuation, containment of oil spills, monitoring of radioactive materials. An emergency operation may involve a number of combat agencies.

### **District Emergency Management Committee (DEMC)**

Based on emergency management districts and chaired by police district officers, as District Emergency Coordinator, (except for the Metropolitan Emergency Management Coordination Group which is chaired by the Assistant Commissioner Metropolitan) with a Regional Director of the Fire and Emergency Services Authority as the Deputy Chair. Executive Officer support is provided by FESA Managers nominated by FESA Chief Executive Officer.

### **Emergency**

An event actual, or imminent, which endangers or threatens to endanger life, property or the environment, and which is beyond the single resources of a single organisation to manage or which requires the coordination of a number of significant emergency management activities. Note: The term “emergency” is used on the understanding that it also includes any meaning of the word “disaster”.

### **Emergency Risk Management (ERM)**

A systematic process that produces a range of measures which, on being implemented contributes to the well being of communities and the environment.

*Hazard* - a situation or condition with the potential for loss or harm to the community or the environment.

*Risk* - a concept used to describe the likelihood of harmful consequences, arising from the interaction of hazards, communities and the environment.

### **Hazard Management Agency (HMA)**

That organisation which, because of its legislative responsibility or specialised knowledge, expertise and resources is responsible for ensuring that all emergency management activities pertaining to the prevention of, preparedness for, response to and recovery from a specific hazard are undertaken. Such organisations are either designated by legislation or detailed in State level emergency management plans. The list of hazards and the responsible hazard management agency are detailed in SEMC Policy Statement No 7 is attached.

### **Incident Manager**

The person designated by the relevant Hazard Management Agency, responsible for the overall management and control of an incident and the tasking of agencies in accordance with the needs of the situation.

### **Local Emergency Management Committee (LEMC)**

Based on either local government boundaries or emergency management sub-districts. Chaired by the Shire President (or a delegated person) with the Local Emergency Coordinator, whose jurisdiction covers the local government area concerned as the Deputy Chair. Executive support should be provided by the local government.

### **Prevention, Preparedness, Response and Recovery (PPRR)**

*Prevention* activities eliminate or reduce the probability of occurrence of a specific hazard. They also reduce the degree of damage likely to be incurred.

*Preparedness* activities focus on essential emergency response capabilities through the development of plans, procedures, organisation and management of resources, training and public education.

*Response* activities combat the effects of the event, provide emergency assistance for casualties, and help reduce further damage and help speed recovery operations.

*Recovery* activities that support emergency affected communities in reconstruction of the physical infrastructure and restoration of emotional, social economic and physical wellbeing. During recovery operations, actions are taken to minimise the recurrence of the hazard and/or lessen its effects on the community.

### **State Emergency Management Committee (SEMC)**

Chaired by the Commissioner of Police, as State Emergency Coordinator, with Chief Executive Officer of the Fire and Emergency Services Authority as the Deputy Chair. The Executive Director, FESA Emergency Management Services, is the SEMC Executive Officer. The SEMC is comprised of an executive and four functional groups whose membership includes those organisations essential to the State's emergency management arrangements. The chair of each of the functional groups is also a member of the SEMC Executive Group. The functional groups are:

- 1) Emergency Services Group
- 2) Public Information Group
- 3) Lifelines Services Group
- 4) Recovery Services Group

### **Support Agency**

An organisation whose response in an emergency is to restore essential services (i.e. Western Power, Water Corporation, Main Roads WA, etc) or to provide such support functions as welfare, medical and health, transport, communications, engineering, etc.

## **ACRONYMS**

AIIMS -	Australasian Interagency Incident Management System
CALM -	Department of Conservation And Land Management
CCERM -	Community Centred Emergency Risk Management
COJ -	City of Joondalup
COW -	City of Wanneroo
DCD -	Department of Community Development
DEMC -	District Emergency Management Committee
DOH -	Department of Health
ERM -	Emergency Risk Management
FESA -	Fire & Emergency Services Authority of Western Australia
FRS -	Fire & Rescue Service
SES -	State Emergency Service
BFS -	Bush Fire Service
HMA -	Hazard Management Agency
LEMC -	Local Emergency Management Committee
LG -	Local Government
PPRR -	Prevention, Preparedness, Response & Recovery
SEMC -	State Emergency Management Committee
SOP -	Standard Operating Procedures
WA -	Western Australia
WAP -	Western Australian Police
WVBFB -	Wanneroo Volunteer Bush Fire Brigade

# PART 1: MANAGEMENT

## 1.1 AUTHORITY

The City of Joondalup Community Emergency Management Plan has been produced under the authority of the:

- a) City of Joondalup Council
- b) Chief Executive Officer City of Joondalup
- c) The City of Wanneroo / City of Joondalup Local Emergency Management Committee

## 1.2 DATE

The date (August 2006) displayed on the cover of the City of Joondalup Community Emergency Management Plan represents the date this document was formally endorsed.

## 1.3 AREA COVERED

The *City of Joondalup* lies within the Perth's northwest metropolitan area and has a population of approximately 160,888 with over 50,000 dwellings. The City covers an area of 98 sq. km and is located approximately 27 km from Perth CBD.

### **Administration Centre**

90 Boas Avenue  
Joondalup  
Telephone (08) 9400 4000  
Fax (08) 9300 1383  
After Hrs Emergency 1300 655 860  
<http://www.joondalup.wa.gov.au>

### **Surrounding Local Authorities**

City of Wanneroo to the north and east  
City of Stirling to the South

### **Major Transport Arteries**

Mitchell Freeway, Wanneroo Rd, Marmion Ave.

### **Primary Roads**

Beach Rd, Warwick Rd, Hepburn Ave, Whitfords Ave, Ocean Reef Rd, Hodges Dr, Moore Dr, Burns Beach Rd, West Coast Dr.

### **Rail Link**

An electric passenger rail link connects to Perth Central station. Currambine, Joondalup, Edgewater, Greenwood and Warwick Station are located on the rail link to Perth.

**Ferry Service**

A regular boat ferry service runs between Hillary's Boat Harbour and Rottnest Island.

**Physical Attributes**

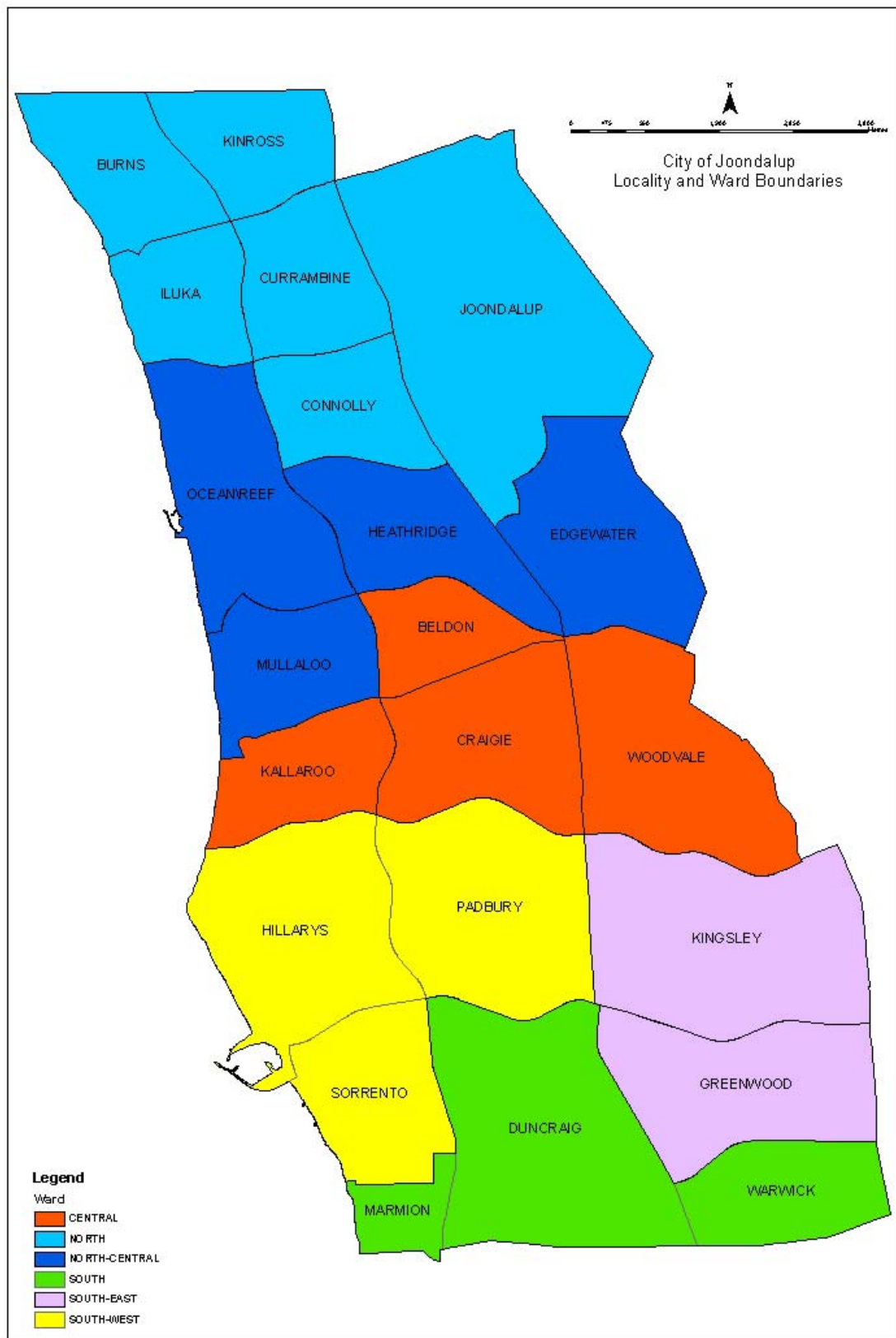
The City of Joondalup has 16 km of coastline extending from Marmion in the south to Burns Beach in the north. There are areas of bush land including national parks regional parks and public reserves. The majority of the City is largely urban, commercial and small isolated areas of light industry.

**Wetlands/Lakes**

Lake Joondalup, Lake Goollelal

**Regional Reserves**

Yellagonga Regional Park



## **1.4 PURPOSE**

The purpose of this community emergency management plan is to document the management of identified risks and provide specific detail on planning, response and recovery activities of the City of Joondalup, hazard management agencies and other agencies.

## **1.5 OBJECTIVES OF THIS COMMUNITY EMERGENCY MANAGEMENT PLAN**

- a) Enable the COJ to meet its emergency management role and responsibilities, in relation to community safety.
- b) Provide information and a framework to facilitate the effective management of emergencies with the potential to impact the COJ community.
- c) Establish contemporary guidelines for effective emergency management strategies, which enhance the community's response and recovery capabilities.
- d) Incorporate relevant information on CCERM and the undertaking of the ERM process in relation to the COJ community.
- e) A document which provides sufficient detail in community emergency management, formatted in a manner that facilitates regular review to effectively accommodate change to the community.
- f) A document that is aligned to the Emergency Management Act 2005 and recommended guidelines in relation to local community emergency management arrangements.

## **1.6 SCOPE**

- a) This document applies to all areas encompassed within the established boundaries of the local government authority known as the City of Joondalup.
- b) These arrangements cover areas where the COJ provides support to Hazard Management Agencies and other agencies in the event of an emergency event.
- c) This document comprises details on the capacity of the COJ in relation to the provision of resources to support the effective management of emergencies.
- d) The Cities responsibility in recovery operations and the restoration and reconstruction of services and facilities within the community are detailed in this document.
- e) These arrangements serve as a guide to emergency management at the local level. An emergency situation may graduate and require to be managed at a regional or state level.

This document is structured as below:

- Part 1: Management
- Part 2: Planning
- Part 3: Response
- Part 4: Recovery
- Part 5: Emergency Contacts Directory
- Part 6: Testing, Exercising and Review
- Part 7: Support Plans
- Part 8: Emergency Assets Register
- Part 9: Emergency Risk Management
- Appendices

This plan has been compiled in alignment with the;

- Local Community Emergency Management Arrangements Guide for Western Australia;
- State Emergency Management Committee, Policy Statement No 7 – Western Australian Emergency Management Arrangements (pending the development of the Western Australian Emergency Management Regulations); and the
- Western Australian Emergency Management Act 2005.

This document interfaces and should be read in conjunction with the;

- Standing Operating Procedures (SOP's) of participating agencies.
- COW / COJ LEMC Local Community Emergency Management Arrangements (which overarches both cities organisational arrangements)
- State Hazard Management Plans (Westplans)

## 1.7 EXISTING PLANS AND ARRANGEMENTS

The table below contains the suite of existing plans and arrangements held by the COJ that may be actioned / utilised in the event of an emergency event and where and who they are located with.

Plan / Arrangements	Dated	Location
COJ Risk Register	Nov 2005	Refer to Table of Contents.
COJ Risk Treatment Plan	Dec 2005	Refer to Table of Contents.
COW / COJ LEMC Community Emergency Mgmt Arrangements	2006	Chairman COW/COJ LEMC Mark Harrison (WA Police) Ph: 9246-8372 Mob: 0434 600 208 Derrick Briggs (WA Police) Ph: 9246-8379 Mob: 0434 600 208
<u>State Hazard Management Plans (Westplans):</u> - Bushfire - Cyclone - Earthquake - Flood - Isolation - Storm - Tsunami - Recovery - Welfare	Nov 2005 Nov 1999 Nov 1999 Nov 1999 Nov 1999 Nov 1999 Nov 1999 Mar 2003 Jul 2003	COJ Admin Centre Mgr Operations Services Dennis Cluning Ph: 9400 4341 Mob: 0419 908 479
COJ Recovery Plan	2004	Refer to Table of Contents.
<u>Support Plans:</u> COJ Operations Services Support Plan (Works Division) COJ Community Services Support Plan (Welfare) COJ Environmental Health Support Plan	Nov 2002 Nov 2002 Nov 2002	Refer to table of contents.
Emergency Contacts Directory	2006	Refer to Table of Contents.
Emergency Evacuation Centres	2006	Refer to Table of Contents.
COJ Asset Register	2006	Refer to Table of Contents.
<u>Special plans:</u> City of Bayswater – Community EM Arrangements City of Stirling – Local EM Plan City of Wanneroo – Local EM Plan COJ Beach Closure Strategy COJ Beach Lifeguard Patrol Service Risk Mgmt Plan COJ Depot Emergency Procedures COJ Libraries Emergency Management Plan COJ Shark Sighting Strategy COJ Surf Life Saving Emergency Procedures Craigie L/C BMX & Skate Risk Management Plan Craigie Leisure Centre Emergency Action Plan Joondalup Festival Risk Management Plan Little Feet Festival Risk Management Plan	Aug 2005 Jun 2005 Nov 2004   Mar 2001  Sep 2002 Sep 2003 Jul 2001 Mar 2005 Feb 2005	COJ Admin Centre Mgr Operations Services Dennis Cluning Ph: 9400 4341 Mob: 0419 908 479  COJ Admin Centre Team Leader Ranger Services Paul Hrovatin Ph: 9400 4906 Mob: 0417 177 019

Mawson Park Concert Risk Management Plan	2005	
Valentines Day Concert Risk Management Plan	2005	
Yellagonga Regional Park – Fire Response Plan	2004/2005	
Yellagonga Regional Park – Pollution Response Plan	Feb 1999	

## 1.8 AGREEMENTS, UNDERSTANDINGS AND COMMITMENTS

### 1.8.1 Agreement: Shared Local Recovery Coordination Centre (LRCC) Facility

Parties of the agreement:

City of Wanneroo  
City of Joondalup

Purpose:

Enable the shared use of the LRCC facility to coordinate and administrate recovery operations in the event of an emergency occurring in the COW and/or COJ.

Location:

COW Ashby Depot, Building 1, 1204 Wanneroo Road, Ashby 6065

Description:

The agreement attracts an annual fee paid by the COJ to the COW for the shared use of the LRCC throughout a COJ emergency. In the event of a large-scale emergency affecting both cities, staff from both cities may be effectively utilised to form a larger resource pool and rotated to participate in recovery activities.

Note:

The Twin Cities FM broadcast facility is also located in the same building.

*Refer to Appendix 2: Joint City Of Wanneroo/City Of Joondalup Local Emergency Management Activities – Council Report*

### 1.8.2 Partnering Agreement: The Provision of Mutual Aid For Recovery During Emergencies

Parties to the Agreement:

- City of Joondalup
- City of Wanneroo
- City of Stirling
- City of Bayswater
- City of Swan
- Town of Bassendean
- Shire of Mundaring

Purpose:

Undertake the provision of mutual aid between parties to the Agreement for recovery management during emergencies.

Description:

The above partnering agreement was developed by the Metropolitan North & East Recovery Group to enable effective pooling and utilisation of local resources. The

participating local government authorities formally endorsed the Agreement in October 2004.

*Refer to Appendix C: Partnering Agreement: The Provision of Mutual Aid For Recovery During Emergencies.*

## **1.9 ADDITIONAL SUPPORT**

In the event of an emergency, additional support may be sort from neighbouring or other local governments that may be able to offer assistance through providing additional resources.

*Refer to Section 1.8: “Agreements, Understandings and Commitments (the section above).*

## **1.10 SPECIAL CONSIDERATIONS**

### **1.10.1 Severe Weather Conditions**

During periods where severe wind or flash flooding is impacting the community, the COJ's resources may be depleted due to additional deployment requirements. This would include resources such as manpower, vehicles and equipment.

This circumstance is most likely to occur during the winter, however severe thunderstorms and the effect of cyclonic weather conditions from the northern Western Australia are not uncommon during the summer months.

### **1.10.2 After Hours, Weekends and Public Holidays**

It should be duly noted that the business hours of the COJ, are from Monday to Friday 08:30 to 17:00 hours, however the Depots in Ashby and Winton Road Joondalup are manned from 07:00 hours (06:30 hours during summer).

In order to access the COJ's services and resources after hours, on weekends and public holidays, the utilisation of relevant emergency contact phone numbers will be required. These numbers are located and clearly outlined in the COJ Emergency Contacts Directories.

*Refer to Part 5: Emergency Contacts Directories*

### **1.10.3 Joondalup Festival**

The Joondalup Festival is an annual event usually held in the central business district of Joondalup. An expected 70 000 (approx) visitors frequent the event which is usually held over one weekend in March, commencing on Saturday morning and concluding on the Sunday evening.

The event comprises various forms of family entertainment including a street parade, main stage area, various bands, children activities, food and beverages, street theatre and a community dance stage.

To prevent vehicle access to the festival area numerous road closures are implemented throughout the duration of the festival.

### **1.11 AUSTRALIAN INTERSERVICE INCIDENT MANAGEMENT SYSTEM (AIIMS)**

The AIIMS, also known as the Incident Control System (ICS), provides for the joint combat of emergency incidents. AIIMS may be used to manage any event where coordination & integration of services is essential.

AIIMS is a universal incident control system proven to be effective worldwide because of its compatibility and use of common terminology. Awareness of AIIMS comes highly recommended for Recovery Coordination in the field. The training would provide greater confidence in managing the integration of services of other recovery/welfare agencies/stakeholders. AIIMS is highly recommended for persons in liaison roles in any emergency incident.

The implementation of the AIIMS as a management structure for multi-agency emergency operations is achieved through the following process.

- Recognition and qualification of members of organisations to fill the AIIMS roles and functions.
- Training members of organisations to achieve accreditation in AIIMS roles.
- Adoption of the key functions, role statements, structures, terminology and documentation as defined by AIIMS to suit Western Australian operations.
- Maintaining the integrity of the Chains of Command and Information Systems within participating agencies and preserving other agencies industrial agreements and standard operational agreements when involved in multi-agency incidents.
- Participation in regular multi-agency training exercises incorporating AIIMS.
- Facilitation and/or attendance at post incident debriefs following multi-agency emergency activities.

The City is committed to pursuing the feasibility of adopting an AIIMS approach to administration and co-ordination of emergency and recovery arrangements. As developments occur in this regard, relevant information on AIIMS will be inserted into this section.

### **1.12 RESOURCES**

The HMA is responsible for the determination of resources required for their specific hazards. The COJ's resources have been identified and appropriately listed to facilitate their availability upon request.

The COJ's resources are located in the Emergency Contacts Directories and Emergency Assets Register. Both documents require to be annually reviewed. They include information pertaining to;

- a) HMA, combat and support agencies;
- b) specialised services;
- c) LG staff & volunteers;
- d) Emergency Evacuation Centres;
- e) COJ facilities (buildings etc.);
- f) operational plant machinery;

- g) transport vehicles; and
- h) various plant equipment.

*Refer to Part 5: Emergency Contacts Directories*

*Refer to Part 8: Emergency Assets Register*

## **1.13 FINANCIAL ARRANGEMENTS**

Whilst recognising the provisions of the State Emergency Management Committee's Policy Statement Number 13 – Funding For Multi Agency Emergencies (SEMC PS 13), local governments are committed to spending such necessary funds as required to ensure the safety of its residents and visitors.

SEMC PS 13 Section 4c states, "Where costs are incurred in delivering services or resources at the request of the HMA concerned, which are not part of the agency's core functions and there are not prior agreements as to funding responsibilities, then such costs shall be met by the HMA".

## **1.14 RESPONSIBILITIES**

As stated in the SEMC Policy Statement 7 – Western Australian Emergency Management Arrangements, the following outlines descriptions and responsibilities of key positions or groups in relation to local community emergency management.

### **1.14.1 Emergency Coordinator**

Under the Western Australian Emergency Management Arrangements the District or Local Emergency Coordinator is designated by the Commissioner of Police and is based on the WA Police districts or sub-districts, which are aligned to LG boundaries.

The District or Local Emergency Coordinator has a responsibility for ensuring that the roles and functions of their respective District or Local Emergency Management Committees are performed, and assisting the HMA in the provision of a coordinated multi agency response during emergency incidents and operations.

At the local level the Senior Police Officer responsible for the Police sub-district is the Local Emergency Coordinator.

The Local Emergency Coordinator (LEC) for the COJ is the;

*WA Police, North West Metropolitan, Emergency Management Coordinator (located at the Warwick Police Complex).*

### **1.14.2 Local Emergency Management Committee (LEMC)**

LEMC's are based on either local government boundaries or emergency management sub-districts and are chaired by the Mayor/Shire President (or delegated person) with the Local Emergency Coordinator as the Deputy Chair.

The Local Government provides executive support to the LEMC and its membership should include representatives from the LG, Government Agencies, Statutory Authorities, Industry and Community Groups.

## 1.15 EMERGENCY COORDINATION CENTRE (ECC) MANAGEMENT

An ECC is a facility for the central management of resources for an emergency. It is the focus of the community's emergency management arrangements in supporting an effective multi-agency response and recovery. Operational procedures for the ECC lay down prescribed actions to be followed by staff. They cover such procedures as indicated in the following table.

Activation	Operating Procedures	Stand Down
Opening the ECC Calling out staff Opening communication systems Preparing of display boards and maps Preparing a staff roster	Message flow Information display Information processing Resource deployment Situation reports (Sitreps) Preparing media bulletins Decision making Information briefings	Filing messages / records Cleaning displays boards and maps Standing down staff Closing communication systems Closing the ECC Initial and follow up debrief

*Note: COJ Emergency Coordination Centre - Operational Procedures are yet to be developed.*

*Refer to Section 5.5: Emergency Coordination Centres.*

## PART 2: PLANNING

### 2.1 LOCAL EMERGENCY MANAGEMENT COMMITTEE (LEMC)

LG and the Local Emergency Coordinator ensure the LEMC functions to overview, plan and test local emergency management arrangements. Membership of the LEMC is representative of agencies, organisations, community groups and expertise relevant to the identified community hazards and risks and emergency management arrangements.

Since the COJ was formed in 1999 emerging from the former COW, the two cities have remained aligned in various emergency management matters. Together both local government authorities make up the City of Wanneroo / City of Joondalup LEMC. They also form the North-West Metropolitan District Emergency Management District (DEMC). The COW/COJ LEMC convenes bi-monthly with the two Cities alternating as host.

The North-West Metropolitan DEMC is responsible to oversee and provide strategic direction to the COW/COJ LEMC, which is formalised by an annual LEMC Business Plan. Emergency management activities conducted by the LEMC are reported to the DEMC on an annual basis.

#### 2.1.1 COW/COJ LEMC Composition

Chair:	WA Police, North West Metro, Emergency Management Coordinator
Deputy Chair:	Senior Police Officer, North West Metro
Executive Officer:	Senior Local Government Officer
Secretary:	Local Government Officer
Members:	WAPS – OIC all Police Stations FESA – FRS, VFRS, BFS, SES. DCD - Regional Manager CALM – Fire Control Officer DPI – Regional Officer Dept of Health – Regional Officer Dept of Education – Regional Officer Red Cross – Regional Officer LG – Senior Ranger x 2 LG – Councillor x 2 LG – EM Officer
Sub-committees:	Local Plan & Business Plan Welfare & Recovery Training & Exercises Emergency Services (Note: Sub-committee members consist of LEMC members)

**Role:**

Assist the Local Emergency Coordinator (Officer in Charge of Police sub-district) to develop and maintain effective emergency management arrangements for the local area.

**Functions:**

- a. Liaise with participating agencies in the development, review and testing of emergency management arrangements.
- b. Assist with the preparation of emergency management operating procedures for application in the local area.
- c. Prepare an annual report on Committee activities for submission to the District Emergency Management Committee.
- d. Participate in the emergency risk management process.
- e. Carry out other emergency management functions as directed by the District Emergency Management Committee.

*Refer to Section 5.2 City of Wanneroo / City of Joondalup LEMC Contacts.*

## **2.2 EMERGENCY RISK MANAGEMENT**

*Refer to Part 9: Emergency Risk Management*

## **2.3 EMERGENCY MANAGEMENT STRUCTURE**

Within the context of this plan, depending on the nature of the risk, the following components form the emergency management structure in the event of a local incident.

### **2.3.1 Hazard Management Agency (HMA)**

The HMA is an organisation which, because of its legislative responsibility or specialised knowledge, expertise and resources, is responsible for ensuring all emergency management activities pertaining to the prevention of, preparedness for, response to and recovery from a specific hazard are undertaken.

The HMA are also responsible for;

- a) Appointing an Incident Manager;
- b) Ensuring the safety of all participants.
- c) Providing situation reports to the Emergency Coordinator.
- d) Providing progress reports to higher levels; and
- e) Submitting a post operations report.

It is vitally important that the designated controller and the Emergency Co-ordinator work in close co-operation.

For a list of HMAs as detailed in SEMC Policy Statement No. 7 -

*Refer to Section 5.1: Hazard Management Agencies*

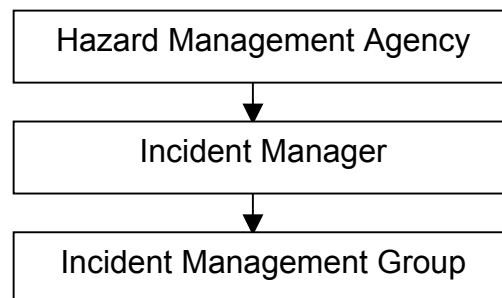
### 2.3.2 Incident Manager

The person designated by the relevant 'Hazard Management Agency' responsible for the overall management and control of the incident and the tasking of agencies in accordance with the needs of the situation.

### 2.3.3 Incident Management Group (IMG)

The IMG may be convened by the "Incident Manager" in consultation with the relevant Local Emergency Coordinator to assist in the overall management of an incident. The IMG includes representation from key agencies involved in the response.

Fig. 1 Operations Management Structure for a localised incident.



### 2.3.4 Local Emergency Coordinator

The Western Australian Police Service (Police Service) is the designated Emergency Coordinator for all emergencies. The Senior Police Officer attending any incident automatically becomes the Emergency Co-ordinator at that incident.

The Local Emergency Co-ordinator for the City of Joondalup is the:  
*WA Police, North West Metro, Emergency Management Coordinator.*

### 2.3.5 Local Recovery Coordinator

The recovery coordinator has two broad areas of responsibility.

- a) In conjunction with the Local Recovery Committee the Local Recovery Coordinator is responsible for the development and implementation of recovery management arrangements for the City of Joondalup.
- b) Coordinate and report on local recovery activities for a particular emergency event, in accordance with plans, strategies and policies determined by the Local Recovery Coordinating Committee.

The designated Local Recovery Coordinator is the:  
*City of Joondalup: Manager Operations Services.*

*Refer to Appendix A: COJ Recovery Plan*

**2.3.6 Combat Agency**

A Combat Agency is an organisation with expertise and resources. It is responsible for performing a task or activity such as fire fighting, rescue, temporary building restoration, evacuation, containment of oil spills, monitoring of radioactive materials etc.

Combat Agencies are responsible for;

- a) Executing combative action in accordance with their statutory responsibilities;
- b) Executing tasks as allocated in the tactical response plan;
- c) Managing their own resources;
- d) Providing progress reports to the designated Incident Manager;
- e) Providing progress reports to the higher levels of their parent organisation; and
- f) Contributing to a post operations report.

The following examples are well known:

- Fire fighting – Fire & Rescue Service
- Traffic and Crowd Control – Police Service
- First Aid – Ambulance Service WA & Medical Services.

**2.3.7 Support Organisation**

A Support Organisation is an organisation whose response in an emergency is to provide support functions such as welfare, medical and health, transport, communications, engineering, essential services, etc. Support organisations report to either the designated Incident Manager or the Emergency Co-ordinator as appropriate to the situation.

Support organisations are responsible for;

- a) Restoring essential services affected by the emergency;
- b) Providing “function” support as part of the tactical plan; eg. Family and Children’s Services to provide welfare services.
- c) Providing progress reports to either the designated Incident Manager or the Emergency Co-ordinator as appropriate to the situation;
- d) Providing progress reports to the higher levels of their parent organisation; and
- e) Contributing to a post operations report.

The following examples are well known:

- Welfare – Department Community Development
- Health & Medical Services – Department of Health

**2.3.8 Testing During the Planning process**

Exercising and testing during the planning process is essential to ensure that the arrangements are workable and effective. Exercising during the planning process will allow the LEMC to:

- a) Test the effectiveness of local arrangements;
- b) Bring together all members of emergency management agencies and give them knowledge of, and confidence in, each other;
- c) Help educate the community about local arrangements and programs;
- d) Allow participating agencies an opportunity of testing their operational procedures and skills in simulated emergency conditions; and
- e) Test the abilities of separate agencies to work together on common tasks, and to assess effectiveness and coordination between them.

*Refer to Section 6: Testing, Exercising and Reviewing the Arrangements*

## **2.3    TRAINING PROGRAMS - PLANNING**

The following training programs may assist local community emergency management practitioners to plan more effectively.

- Introduction to ERM
- Introduction to Evacuation Management WA
- Contribute to ERM
- Facilitate ERM
- Determine Treatment Options
- Undertake Emergency Planning
- Emergency Management for LG
- Risk Based Land Use Planning
- Community Engagement

## PART 3: RESPONSE

### 3.1 RISKS

Through a Community Centred Emergency Risk Management Process (CCERM) emergency risks with the most potential to impact the joint COW/COJ community have been identified. The following table indicates hazards (or source of risk), the responsible HMA, whether the HMA is located locally or within the district, any local plans and the relevant Westplan (State Emergency Management Plan).

Hazard	HMA	Local HMA	District HMA	Local Plan	Westplan
Bushfire (Primarily within the COW)	FESA Fire & Rescue Services & Bush Fire Services	Yes			Bushfire (2005)
	Dept of Conservation and Land Management		Yes (COW)	Yellagonga Regional Park	
	Local Government Authority	Yes			
Structural Fire	FESA Fire & Rescue Services	Yes			Urban Fire (2000)
Severe Storm	FESA State Emergency Services	Yes			Storm (2004)
Chemical Incident	FESA Fire & Rescue Services	Yes			Hazmat (2005)
Marine Transport Emergency	Dept of Planning & Infrastructure	Yes			Marine Transport Emergency (2004)
Rail Transport Emergency	Public Transport Authority – Trans Perth Train Operations	Yes			PTA – Joondalup SOP
Human Epidemic	Dept of Health		Yes (Shenton Park)		Human Epidemic (2001)

Consistent with SEMC PS 7, these arrangements are based on the premise that the HMA responsible for the above threats will develop, test and review appropriate emergency management plans.

To ensure a timely response to any of the identified threats, Part 5 of these arrangements details key contacts for each HMA.

It is recognised that HMAs and Combat Agencies may require local government resources and assistance/support where possible.

## **3.2 EVACUATION**

### **3.2.1 Evacuation Planning Principles**

The following principles should be observed in evacuation planning.

- a) Determination of legal or other authority to evacuate;
- b) Establishment of a management structure;
- c) Clear definition of roles and responsibilities;
- d) Development of appropriate and flexible plans;
- e) Effective warning and information system;
- f) Assurance of movement capabilities;
- g) Establishment and maintenance of confidence and cooperation of the affected community;
- f) Appropriate welfare provision throughout all stages; and
- g) Exercise of developed plans.

### **3.2.2 Emergency Evacuation Centres**

Dependant on the risk, in the event of an emergency, the need for long or short term evacuation, and immediate or evacuation with warning may be necessary.

It is useful to:

- a) Identify the venues available for evacuees;
- b) Assess availability (e.g. in case maintenance is in progress);
- c) Determine who is responsible for opening and managing the venues;
- d) Note how many people the venues can cope with;
- e) Note what facilities are available in the venues; and
- f) Identify and list which venues are suitable.

*Refer to Section 5.8: COJ Emergency Evacuation Centres*

Note:

- It is important to also consider evacuation “into” your community should an emergency occur in a neighbouring community that requires evacuation out of their area.
- Consideration should also be given to the necessary evacuation from the COJ Community to another.

*Refer to Appendix C: Partnering Agreement – The Provision of Mutual Aid in Recovery During Emergencies.*

### 3.3 DEMOGRAPHICS

Australian Bureau of Statistics

Estimated Resident Population as at 30 June 2004

Selected Suburbs in Joondalup (C )

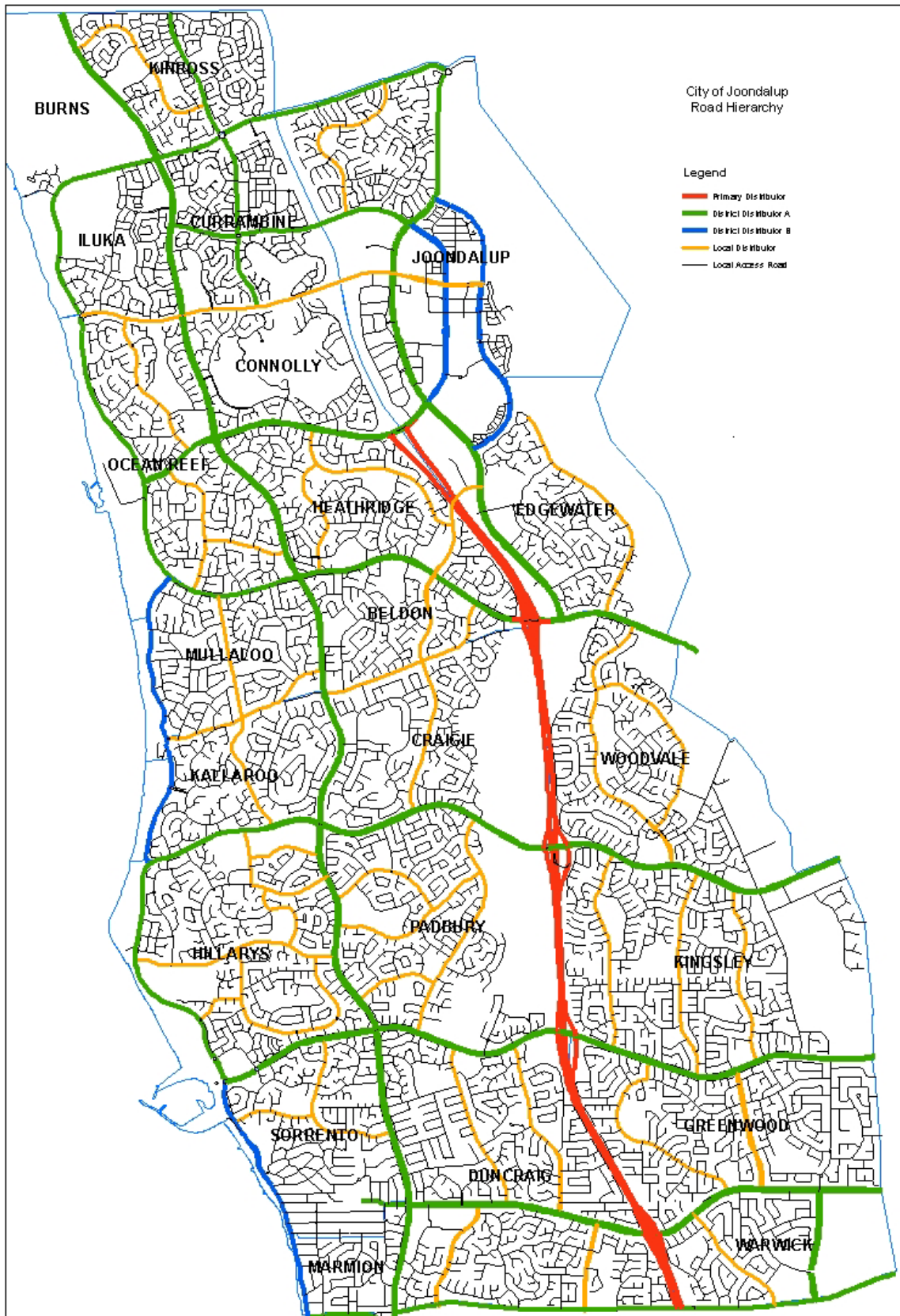
Cat. No. 9941.0

Suburb	0-4 years	5-9 years	10-14 years	15-19 years	20-85 years	TOTAL
Beldon	304	279	344	390	3124	4441
Burns	13	12	15	6	207	253
Connolly	202	318	403	365	2588	3876
Craigie	418	370	391	468	4566	6213
Currambine	553	692	594	507	4378	6724
Duncraig	802	861	1218	1638	11850	16369
Edgewater	258	357	448	502	3650	5215
Greenwood	571	519	674	869	7882	10515
Heathridge	483	583	643	690	5216	7615
Hillarys	593	684	781	778	7344	10180
Iluka	232	288	350	273	2435	3578
Joondalup	524	612	695	780	5698	8309
Kallaroo	252	329	426	483	4073	5563
Kingsley	696	871	1175	1394	9907	14043
Kinross	661	741	611	498	4588	7099
Marmion	85	116	162	212	1664	2239
Mullaloo	301	402	516	581	4435	6235
Ocean Reef	426	664	848	916	5870	8724
Padbury	522	517	605	775	6614	9033
Sorrento	348	438	601	712	5663	7762
Warwick	157	164	239	306	3096	3962
Woodvale	579	835	1113	1033	6708	10268
<b>TOTAL</b>	<b>8980</b>	<b>10652</b>	<b>12852</b>	<b>14176</b>	<b>111556</b>	<b>158216</b>

### 3.4 EVACUATION MATRIX

*Refer to Section 7.2: Community Services (Welfare) Support Plan*

### 3.5 EVACUATION ROUTES AND MAPS



*Note: A COJ Evacuation Support Plan is yet to be developed.*

### **3.6 TRAINING PROGRAMS - RESPONSE**

- Emergency Coordination Centre Management
- Chemical, Biological, Radiological Incidents and Emergencies
- Undertake Emergency Planning
- Australian Interservice Incident Management System (AIIMS) introductory and subsequent programs.

## PART 4: RECOVERY

The Recovery Process is detailed in the State “Westplan – Recovery” documentation.

The COJ recognises and accepts their role within the Recovery Process. In the event of an emergency a Recovery Committee with the appropriate membership will be established.

*Refer to Appendix A: COJ Local Recovery Plan*

*Also, refer to Part 7 (Support Plans relevant to this community).*

- *Section 7.1 Operations Services Support Plan*
- *Section 7.2 Community Services (Welfare) Support Plan*
- *Section 7.3 Environmental Health Support Plan*

### 4.1 RECOVERY MANAGEMENT PRINCIPLES AND CONCEPTS

(Extracted from the Australian Emergency Management Manual – Disaster Recovery)

#### 4.1.1 Principles

- a) Recover from disaster is an enabling and supportive process, which allows individuals, families and communities to attain a proper level of functioning through the provision of information, specialist services and resources.
- b) Effective recovery requires the establishment of planning and management arrangements, which are accepted and understood by recovery agencies, combat agencies and the community.
- c) Recovery Management arrangements are most effective when they recognise the complex, dynamic and protracted nature of recovery processes and the changing needs of affected individuals, families and groups within the community over time.
- d) The management of disaster recovery is best approached from a community development perspective and is most effective when conducted at a local level, with the active participation of the affected community and a maximum reliance on local capacities and expertise.
- e) Recovery management is most effective when human service agencies play a major role in all levels of key decision making which may influence the well being and recovery of the affected community.
- f) Recovery from disaster is best achieved where the recovery process begins from the moment of disaster impact.
- g) Recovery planning and management arrangements are most effective when they are supported by training programs and exercises, that ensures recovery agencies and personnel are properly prepared for their role.
- h) Recovery from disaster is most effective where recovery management arrangements provide a comprehensive and integrated framework for managing all potential emergencies and disasters and where the assistance measures are

provided in a timely, fair, equitable manner and are sufficiently flexible to respond to a diversity of community needs.

#### **4.1.2 Concepts**

- a) Community involvement,
- b) Management at a local level,
- c) Affected area/community approach,
- d) Differing effects/needs to different communities/individuals,
- e) Empowering individuals and communities,
- f) Minimum intervention,
- g) Recognition of resourcefulness,
- i) Planned/timely withdrawal,
- j) Accountability, flexibility, adaptability and responsiveness,
- k) Integration of services; and
- l) Coordination.

## **4.2 RECOVERY ACTIVITIES AND STRATEGIES**

### **4.2.1 Recovery Activities**

Recovery Activities include the following

- a) Short term accommodation.
- b) Counselling emotionally affected people.
- c) Establishing and managing emergency relief schemes.
- d) Surveying and assessing damage to public and private property.
- e) Repairing or replacing public utilities, services and assets.
- f) Assisting with the repair or replacement of private property.
- g) Initiating programs to stimulate community morale and economic growth.
- h) Managing environmental rehabilitation programs.
- i) Coordinating recovery and research agencies.
- j) Revision of Land use/Town Planning Schemes.

### **4.2.2 Recovery Strategies**

The following are some suggested strategies to assist Hazard Management Agencies and Recovery Committees in recovery management responsibilities.

Community Involvement Strategies:

- a) Maximum use of local resources, groups and individuals.
- b) Promote prior community awareness and education.
- c) Involve people in their own and their community' recovery.
- d) Maintain continuous liaison between emergency teams, volunteer groups and community organisations.
- e) Create opportunities for local decision-making.
- f) Ensure self-determination in restoration planning.
- g) Maintain a cooperative relationship between volunteers and imported "specialists".
- h) Use local suppliers
- i) Empower the community as quickly as possible.

#### **4.2.3 Recovery Information Strategies**

- a) Provide regular updates on: -  
Current state and extent of disaster.  
Actual and proposed official response.  
Desired community response.  
Advice to isolated families.
- b) Ensure everybody has an understanding of the situation and the opportunity for personal counselling/discussion.
- c) Provide for advocacy by agencies and organisations.

#### **4.2.4 Recovery Assistance Strategies**

- a) Provide for special needs of aged, ethnic, children etc.
- b) Make food, shelter, clothing, health and emergency finance available immediately.
- c) Deliver services in a simple and caring manner with minimal disruption to existing processes.
- d) Ensure welfare centres cater for privacy and individual care.
- e) Ensure emergency workers receive ongoing support, debriefing and rest.
- f) Maximise financial aid and minimise material aid.

#### **4.2.5 Accountability Strategies**

- a) Ensure the affected community is involved in the allocation and distribution of material and financial resources.
- b) Assist the community in ensuring there is accountability in the use of resources

#### **4.2.6 Strategies for Grants, Loans and Gifts**

- a) Ensure there is community involvement in determining criteria.
- b) Communicate entitlement criteria for financial support and grants immediately.
- c) Alterations to criteria must be communicated clearly to the community.
- d) Consider non-English speaking groups.
- e) Maintain confidentiality.
- f) Use the Lord Mayors Appeal Process to receive donations.

#### **4.2.7 Strategies to maintain Family Cohesion**

- a) Keep families together during evacuation and resettlement.
- b) Ensure all policies and processes support the family's ability to recover.
- c) Provide for advocacy by agencies and organisations.

#### **4.2.8 Recovery Committee Strategies**

- a) Survey and Assess damage-all levels of Government want immediate information.
- b) Use Lord Mayors Appeal Process to receive donations.
- c) Recovery Committee members to be seen in the community talking to affected people.
- d) Set a time limit on donations and claims.
- e) Donations of goods should be through the Lord Mayor's Appeal and not direct to affected persons because of taxation implications.
- f) If the criteria for distribution of funds doesn't fit the Lord Mayors official guidelines, suggest a different approach, and seek the Lord Mayors Appeal Committee

approval. Resource information is available from the [www.appealswa.org.au](http://www.appealswa.org.au) website.

- g) Broker bulk purchase of goods with suppliers on behalf of the people receiving appeal donations.
- h) Do not get involved in litigation but give advice on where to seek help. Allow use of Council facilities for public information seminars.
- i) Don't tell the community what to do.
- j) Designate responsibility to Recovery Committee members and publicise.
- k) Inform the public from who and how to get information.
- l) Church services to be coordinated.
- m) All information, minutes of the Recovery Committee meetings, discussions and records of distribution of donations are to be archived.
- n) Have Councils media/marketing section to play a major role in informing the Community.
- o) Set up a phone system for priority in and out use.
- p) Emergency Power is essential in Local Emergency/ Recovery Coordination Centre.
- q) Arrange community events and recovery activities in the recovery phase are key initiatives within the emergency/disaster-affected community that help the community re-bond.
- r) Consider who is to arrange and supply meals to what quality and variation of menu.
- s) Arrange Trauma Counselling-peer support as well as professional for affected members of community and response/recovery staff.
- t) Assign Manager Economic Development the lead role to identify economic development recovery strategies for the short, medium and long term in consultation with local business associations.
- u) Create fast track assistance availability to people with disabilities reinforced with regular updated website information and community service announcements on Twin Cities FM and community newspapers.

#### **4.3 TRAINING PROGRAMS – RECOVERY**

- Introduction to Recovery Management WA
- Context of Recovery Management
- Community Based Recovery Management
- Planning & Managing Recovery
- Recovery Services
- Evacuation & Recovery Centre Management

## PART 5: EMERGENCY CONTACTS DIRECTORY

### 5.1 HAZARD MANAGEMENT AGENCIES

The following list of hazards/emergencies identifies the HMA responsible for that hazard/ emergency. The hazards/emergencies identified are by no means exhaustive and will be added to as required.

	HAZARD/EMERGENCY	HAZARD MANAGEMENT AGENCY	CONTACT PHONE NUMBERS
1	Air Transport Emergencies	WA Police	000 - emergency 131 444 - enquires
2	Dam Break (inc. major hydraulic structures)	Water Corporation	13 13 75
3	Earthquake	FESA (WA State Emergency Service)	1300 1300 39 – emergency ass. 1300 657 209 – hotline
4	Exotic Animal Disease	Agriculture WA	9368 3333 – head office 1800 675 888 - hotline 0417 910 082 – mobile contact
5	Fire (CALM-managed land)	Gazetted Fire Districts: FESA (Fire & Rescue Service)  Other – CALM	000 – emergency 9323 9300 – general enquires 1300 657 209 – hotline  9334 0333 - general enquiries 9334 0375 - fire mgmt services
6	Fire (Urban & Rural)	Gazetted Fire Districts: FESA (Fire & Rescue Service)  Other: Local Govt. Authorities	000 – emergency 9323 9300 – general enquires 1300 657 209 – hotline  City of Wanneroo 9405 5000 or 1300 138 393 (AH)
7	Flood	FESA (WA State Emergency Service)	1300 1300 39 – emergency ass. 1300 657 209 – hotline
8	Fuel Shortage Emergencies	Dept. of Consumer & Employment Protection – Energy Safety Directorate	9422 5200 or 1800 678 198 (AH)
9	Hazardous Materials Emergencies (inc. radioactive materials)	FESA (FRS)	000 – emergency 9323 9300 – general enquires 1300 657 209 – hotline
10	Human Epidemic	Department of Health	9388 4999 – infectious diseases

11	Land Search and Rescue	WA Police	000 - emergency 131 444 - enquires
12	Landslide	FESA (FRS)	000 – emergency 9323 9300 – general enquires 1300 657 209 – hotline
13	Marine Oil Pollution	Department Planning & Infrastructure	9216 8902 - office 0417 938 157 – after hours
14	Marine Transport Emergencies	Department Planning & Infrastructure  WA Police	9841 1000 - operations  9442 8600 - Water Police (after hours)
15	Nuclear Powered Warships	WA Police	000 - emergency 131 444 - enquires
16	Offshore Petroleum Operations Emergencies	Department of Industry & Resources	9222 3333 – general enquires  1300 665 500 – emergencies & after hours
17	Rail Transport Emergencies	Urban Passenger: Public Transport Authority  Freight Network: Westnet Rail	9326 2111 Emergency 24hrs   9212 2501
18	Road Transport Emergencies	WA Police	000 - emergency 131 444 - enquires
19	Sea Search and Rescue	WA Police	000 - emergency 131 444 - enquires
20	Space Debris Re-entry	WA Police	000 - emergency 131 444 - enquires
21	Storm/Tempest	FESA (State Emergency Service)	1300 1300 39 – emergency ass. 1300 657 209 – hotline
22	Structural Collapse	FESA (Fire & Rescue Service)	000 – emergency 9323 9300 – general enquires 1300 657 209 – hotline
23	Tropical Cyclone	FESA (State Emergency Service)	1300 1300 39 – emergency ass. 1300 657 209 – hotline
24	Tsunami	FESA (State Emergency Service)	1300 1300 39 – emergency ass. 1300 657 209 – hotline

**NOTES:**

HMA responsibilities are limited to those hydraulic structures for which the Water Corporation is the managing agency.

*(Emergency contact directory – updated May 2006)*

## CITY OF JOONDALUP EMERGENCY CONTACTS DIRECTORY

### 5.2 CITY OF WANNEROO / CITY OF JOONDALUP - LOCAL EMERGENCY MANAGEMENT COMMITTEE CONTACTS

AGENCY	NAME	POSITION	EMAIL	WK PHONE	MOBILE	ADDRESS
CALM	Brian Inglis	District Fire Protection Officer	<a href="mailto:briani@calm.wa.gov.au">briani@calm.wa.gov.au</a>	94050709	0419 194 922	Dundobar Rd, Wanneroo
COJ	Paul Hrovatin	Senior Ranger	<a href="mailto:paul.hrovatin@joondalup.wa.gov.au">paul.hrovatin@joondalup.wa.gov.au</a>	9400 4906	0417 177 019	90 Boas Ave, Joondalup
COW/COJ	John Clark	Aware Project Coordinator	<a href="mailto:john.clark@joondalup.wa.gov.au">john.clark@joondalup.wa.gov.au</a>	9400 4507	0417 179 026	90 Boas Ave, Joondalup
COW	Michael Barry	Manager Ranger Safety Services	<a href="mailto:michael.barry@wanneroo.wa.gov.au">michael.barry@wanneroo.wa.gov.au</a>	9405 5265	0429 001 589	1204 Wanneroo Rd, Ashby
COW	Tony McTaggart	Team Leader	<a href="mailto:tony.mctaggart@wanneroo.wa.gov.au">tony.mctaggart@wanneroo.wa.gov.au</a>	9405 5253	0429 001 364	1204 Wanneroo Rd, Ashby
Dept of Education and Training	Megan Rimes	A/Student Services Manager	<a href="mailto:megan.rimes@det.wa.edu.au">megan.rimes@det.wa.edu.au</a>	9301 3000		L2, 52 Davidson Tce, Joondalup. WA 6027
DCD	Graeme Symons	DCD	<a href="mailto:graeme.symons@dcd.wa.gov.au">graeme.symons@dcd.wa.gov.au</a>	9301 3668	0407 192 606	8 Davidson Tce, Joondalup
DCD	Peter Bourne	Team Leader	<a href="mailto:peter.bourne@dcd.wa.gov.au">peter.bourne@dcd.wa.gov.au</a>		0427 350 040	8 Davidson Tce, Joondalup
DPI	Don Froome	Manager Hillarys Boat Harbour	<a href="mailto:don.froome@dpi.wa.gov.au">don.froome@dpi.wa.gov.au</a>	9448 7544	0418 912 036	Hillarys Boat Harbour PO Box 410, Hillarys

City of Joondalup Community Emergency Management Arrangements – August 2006

FESA	Brad Stringer	A/FSM	<a href="mailto:bstringer@fesa.wa.gov.au">bstringer@fesa.wa.gov.au</a>	9300 9222	0418 952 037	Unit 1/108 Winton Road, Joondalup
FESA	Eddy Brooks	DM Stirling	<a href="mailto:ebrooks@fesa.wa.gov.au">ebrooks@fesa.wa.gov.au</a>	9300 9222	0417 097 760	Unit 1/108 Winton Road, Joondalup
FESA	Geoff Watson	Manager Wanneroo/Joondalup SES	<a href="mailto:geoff@couplers.com.au">geoff@couplers.com.au</a>	9300 1666	0438 004 673	Winton Road, Joondalup
FESA/COW	Mike Teraci	CFM/CBFLO Wanneroo	<a href="mailto:mteraci@fesa.wa.gov.au">mteraci@fesa.wa.gov.au</a>	9300 9222	0428 101 132	Unit1/108 Winton Road, Joondalup
JHC	Michael Bowran	JHC EM Dept.	<a href="mailto:michael.bowran@affinityhealth.com.au">michael.bowran@affinityhealth.com.au</a>			Shenton Ave, Joondalup
JHC	Steve Nation	JHC EM Dept.	<a href="mailto:steve.nation@affinityhealth.com.au">steve.nation@affinityhealth.com.au</a>			Shenton Ave, Joondalup
Red Cross	Bob Kelly	National Services Manager	<a href="mailto:rkelly@redcross.org.au">rkelly@redcross.org.au</a>		0408 930 811	110 Godrich St, East Perth
Red Cross	Simone Krynski	Disaster Services Coordinator	<a href="mailto:skrynski@redcross.org.au">skrynski@redcross.org.au</a>	9225 8812	0407 772 147	110 Godrich St, East Perth
St John Ambulance	Chris Oakes	Team Leader	<a href="mailto:tlred@ambulance.net.au">tlred@ambulance.net.au</a>		0415 428 642	209 Great Eastern Highway, Belmont
WAP	Anthony Jarret	Inspector	<a href="mailto:anthony.jarret@police.wa.gov.au">anthony.jarret@police.wa.gov.au</a>	9400 0888		9 Reid Promenade, Joondalup
WAP	Derrick Briggs	Senior constable	<a href="mailto:derrick.briggs@police.wa.gov.au">derrick.briggs@police.wa.gov.au</a>	9246 8378	0416 077 237	37 Eddington Rd, Warwick, WA 6024
WAP	Eric Smith	OIC Hillarys Police Station	<a href="mailto:eric.smith@police.wa.gov.au">eric.smith@police.wa.gov.au</a>	9403 1010		114 Flinders Ave, Hillarys 6025

City of Joondalup Community Emergency Management Arrangements – August 2006

WAP	Kevin Dale	OIC Warwick Police Station	<a href="mailto:kevin.dale@police.wa.gov.au">kevin.dale@police.wa.gov.au</a>	9246 8315		37 Eddington Road, Warwick 2024
WAP	Lillian Cvijic	OIC Wanneroo Police Station	<a href="mailto:lillian.cvijic@police.wa.gov.au">lillian.cvijic@police.wa.gov.au</a>	9405 1313		942 Wanneroo Road, Wanneroo 6065
WAP	Mark Harrison	Senior Constable LEMC Chairperson	<a href="mailto:mark.harrison@police.wa.gov.au">mark.harrison@police.wa.gov.au</a>	9246 8372	0434 600 208	37 Eddington Rd, Warwick, WA 6024
WAP	Phil Birch	OIC Joondalup Police Station	<a href="mailto:phil.birch@police.wa.gov.au">phil.birch@police.wa.gov.au</a>	9400 0934		9 Reid Promenade, Joondalup 6027
WAP	Steve Principe	OIC Clarkson police Station	<a href="mailto:steve.principe@police.wa.gov.au">steve.principe@police.wa.gov.au</a>	9407 1000		14 Ocean Keys Boulevard 6030
WAP	Steve Szokolai	OIC Two Rocks Police Station	<a href="mailto:steve.szokolai@police.wa.gov.au">steve.szokolai@police.wa.gov.au</a>	9561 2323		Shop 15 Enterprise Ave, Two Rocks 6037

*(COW/COJ LEMC Contacts - updated May 2006)*

**5.3 CITY OF JOONDALUP – MASTER RESOURCE SCHEDULE**

ORGANISATION	SERVICE	COMMUNICATION	FIRE FIGHTING EQUIPMENT	AMBULANCE AND FIRST AID	REFRESHMENTS	ACCOMMODATION	REGISTRATION OF PERSONNEL	TRAFFIC CONT TRAFFIC SIGNS	RESCUE TEAMS	SEARCH TEAMS	CLIFF & CAVE RESCUES	ANIMAL CARE	BUSES	VEHICLES 4WD	WATER CARRIERS - TANK	POWER AND LIGHT PORT GENERATION	CHAINSaws	BULLDOZERS	FRONT END LOADERS	GRADERS	LOW LOADERS	CUTTING AND LIFTING EQUIPMENT	MECHANICS	PLANT OPERATOR MAN POWER	ROAD REPAIRS AND CLEANUP	PETROL OIL AND LUBRICANTS	ELECTRICIANS	PLUMBERS	LIQUID WASTE DISPOSAL	TARPS, PLASTIC SHEETS AND SANDBAGS
POLICE	X						X		X																					
SES LOCAL/REGIONAL	X				X				X	X	X			X		X	X													X
CITY OF JOONDALUP	X				X			X					X	X	X	X	X		X			X		X	X	X	X	X		
FESA – Fire	X	X			X				X				X	X	X							X								
WA WATER COMM	X							X						X																
TELSTRA	X																													
WESTERN POWER	X																								X	X	X			
ALINTA GAS																														
AGRICULTURAL DEPT	X											X																		
COMMUNITY SERVICES					X	X	X																							
EVAC/WELFARE CENTRES (HALLS/SCHOOLS)						X							X																	
DOCTORS/AMBULANCE/HOSPITAL				X					X																					
WELFARE & RELIGIOUS ORGANISATION				X	X	X																								
VET PRACTITIONERS												X																		
CALM	X	X			X							X		X	X		X													

## **CITY OF JOONDALUP EMERGENCY CONTACTS DIRECTORY**

### **5.4 CITY OF JOONDALUP STAFF - EMERGENCY CONTACT LIST**

<b>NAME</b>	<b>POSITION</b>	<b>OFFICE #</b>	<b>MOBILE #</b>
Dennis Cluning	Manager Operations Services (Local Recovery Coordinator)	9400 4341	0419 908 479
Jonathon Wesley	Operations Services Coordinator	9300 4128	0417 982 693
Paul Hrovatin	Senior Ranger	9400 4906	0417 177 019
Dave Latham	Operations Services Supervisor	9300 1359	0409 958 206
Wayne Evangelista	Building Coordinator	9400 4123	0407 441 080
Sam Duina	Operations Services Supervisor	9400 4119	0417 174 464
Roz D'Agostino	Clerical Officer	9400 4113	
Vicki Wakefield	Clerical Officer	9400 4114	
Allison Edmunds	Environmental & Health Coordinator	9400 4947	0439 960 450
David Wilson	Environmental & Health Officer	9400 4937	0419 193 889
Grant Ingvarson	Building Services Coordinator	9400 4340	0408 890 050

## **CITY OF JOONDALUP EMERGENCY CONTACTS DIRECTORY**

### **5.5 EMERGENCY COORDINATION CENTRES**

<b>LOCATION</b>	<b>CATEGORY</b>	<b>PHONE</b>
City of Joondalup Works Depot Building 1 1204 Wanneroo Road ASHBY 6065	Primary Location (First preference)	9400 4114 9400 4152 (fax)
Police Joondalup District 9 Reid Promenade JOONDALUP	Alternative Location (Second preference)	9400 0888 9400 0831 (fax)
Joondalup SES Unit Winton Road JOONDALUP 6027	Alternative Location (Third preference)	9345 1499 9345 5186 (fax)
Police Warwick Police Complex 37 Eddington Road WARWICK	Alternative Location (Forth preference)	9246 8333 9246 8303 (fax)

## CITY OF JOONDALUP EMERGENCY CONTACTS DIRECTORY

### 5.6 SENIOR OFFICERS CONTACT DETAILS

POSITION	NAME	OFFICE #	MOBILE #
Chief Executive Officer	Garry Hunt	9400 4456	---- --- ---
Manager Audit & Executive Services	Kevin Robinson	9400 4370	0419 945 475
Executive Assistant	Helen Hill	9400 4433	0417 927 774
Manager Marketing Communications & Council Support Services	Mike Smith	9400 4509	0419 962 804
Manager Human Resources	Vacant	9400 4326	0418 939 446
Manager Information Management	Kevin Syme	9400 4508	0417 981 867
Director Infrastructure Management	David Djulbic	9400 4464	0409 377 259
Manager Infrastructure Management & Ranger Services	Murray Ralph	9400 4401	0408 653 754
Manager Operations Services	Dennis Cluning	9400 4341	0419 908 479
Manager Community Development	Graeme Hall	9400 4915	0417 919 224
Manager Library & Information Services	Rebecca Moore	9400 4735	0418902110
Director Planning & Development	Clayton Higham	9400 4445	0409 881 793
Manager Craigie Leisure Centre	Gavin Taylor	9400 4614	0409 376 532
Manager Approvals Planning & Environmental Services	Chris Terelinck	9400 4393	0418 947 853
Director Corporate Services and Resource Management	Mike Tidy	9400 4344	0409 908 314
Manager Financial Services	Said Hafez	9400 4384	0419 934 255
Manager Strategic & Sustainable Development	Rhonda Hardy	9400 4523	0417 985 973
Senior Ranger	Paul Hrovatin	9400 4906	0417 177 019
After Hours Emergencies			1300 655 899

## CITY OF JOONDALUP EMERGENCY CONTACTS DIRECTORY

### 5.7 TRANSPORT, ENGINEERING & OPERATIONS PLANT & EQUIPMENT

Location	Contact Person	Contact Phone #
City of Joondalup Administration Centre Boas Avenue Joondalup	Manager Operations Services Dennis Cluning	9400 4341 work 0419 908479 mobile 9561 1696 home
City of Joondalup Works Depot 1204 Wanneroo Road Ashby	Coordinator Operations Services Jonathon Wesley	9400 4128 work 0417 982 693 mobile 9414 7645 home
City of Joondalup Works Depot Winton Road Joondalup	Supervisor Operations Services Dave Latham	9300 1359 work 0409 958 206 mobile 9409 7006 home

*Note: For detailed information refer to Part 5: COJ Emergency Assets Register*

## CITY OF JOONDALUP EMERGENCY CONTACTS DIRECTORY

### 5.8 COJ EMERGENCY EVACUATION CENTRES

Facility	Sorrento Duncraig Leisure Centre					
Physical Address	40 Warwick Road, Duncraig 6023					
	Office: 9246 4722		Fax: 9246 5411		Email: sorrento@joondalup.wa.gov.au	
Postal Address	PO Box 21, Joondalup, WA 6919					
Manager	Name: Gavin Taylor	Office: 0409 376 532	Fax: 9307 8047		Email: gavin.taylor@joondalup.wa.gov.au	
Supervisor	As above					
Emergency Contact	Citywatch 1300 655 860 or Manager					
Security	Electronic Security: Yes	Contracted Firm: Chubb	Fire Extinguishers: Yes		Marked Exits: Yes	
Construction	Brick with metal roof sheeting					
Exterior Lighting	Yes					
Toilets	Interior Access: Yes	Male: X 2	Female: X 2	Child: X 1		Exterior: Nil
Showers	Interior Access: Yes	Male: Yes		Female: Yes		Baby Bath: Nil
Hot Water System	Gas: nil			Electric: yes		
Beds	Dormitory: nil	Units: nil	Other Style: nil		Mattresses: nil	
	Sheets: nil	Pillows: nil	Blankets: nil		Sleeping Bags: nil	
Kitchen	Commercial: nil	Other: nil	Cool Room: nil		Stoves (gas): nil	
	Fridges: X 1	Microwave: X 1	Urn: X 1		Pie Warmer: nil	
	Kettles: yes	Toaster: no	Sandwich Maker: nil			
Dining	Dining Area: nil		Tables: yes		Chairs: yes	
	Cutlery: nil		Plates: minimal		Cups: nil	
Laundry	Laundry Area: nil	Washing M/Cs: nil		Clothes Dryer: nil		Hanging Space: nil
Air Conditioning	Cooling: yes in most rooms			Heating: office, crèche, craft room		
Sewerage	Deep Sewerage: yes			Septic: no		
Garbage Disposal	Council pick up					
Amenities Areas	Recreation Room: sports hall		BBQs: nil		Conference Room: Yes	
	Meeting Rooms: yes		Courts: X 1		Swimming Pool: nil	

## City of Joondalup Community Emergency Management Arrangements – August 2006

	Oval: yes	Outdoor Seating: nil	
<b>Telephone</b>	Connections: office requirement only	Public: Nil	
<b>Parking</b>	Cars: yes	Bus: yes	Articulated vehicles: nil Caravans: nil
<b>Generator</b>	Size: nil	Capability: nil	
<b>Other Comments</b>			

Facility	Ocean Ridge Leisure Centre				
Physical Address	Sail Terrace Heathridge				
	Office: 9401 0500	Fax: 9307 9088		Email: oceanridge@joondalup.wa.gov.au	
Postal Address	PO Box 21, Joondalup, WA 6919				
Manager	Name: Gavin Taylor	Office: 0409 376 532	Fax: 9307 8047	Email: gavin.taylor@joondalup.wa.gov.au	
Supervisor	As above				
Emergency Contact	Citywatch 1300 655 860 or Manager				
Security	Electronic Security: Yes	Contracted Firm: Chubb	Fire Extinguishers: Yes	Marked Exits: Yes	
Construction	Brick with metal roof sheeting				
Exterior Lighting	Yes				
Toilets	Interior Access: Yes	Male: X 2	Female: X 2	Child: X 2	Exterior: Nil
Showers	Interior Access: Yes	Male: X 1	Female: X 1	Baby Bath: Nil	
Hot Water System	Gas: nil			Electric: yes	
Beds	Dormitory: nil	Units: nil	Other Style: nil	Mattresses: nil	
	Sheets: nil	Pillows: nil	Blankets: nil	Sleeping Bags: nil	
Kitchen	Commercial: x 1	Other: kiosk	Cool Room: nil	Stoves (gas): nil	
	Fridges: X 2	Microwave: X 1	Urn: X 1	Pie Warmer: nil	
	Kettles: X 1	Toaster: X 1	Sandwich Maker: nil		
Dining	Dining Area: function room	Tables: X 50		Chairs: X 150	
	Cutlery: nil	Plates: nil		Cups: nil	
Laundry	Laundry Area: nil	Washing M/Cs: nil	Clothes Dryer: nil	Hanging Space: nil	
Air Conditioning	Cooling: partial – fans in rooms			Heating: partial	
Sewerage	Deep Sewerage: yes			Septic: no	
Garbage Disposal	Council pick up				

City of Joondalup Community Emergency Management Arrangements – August 2006

Amenities Areas	Recreation Room: sports hall		BBQs: X 1		Conference Room: function room	
	Meeting Rooms: X 5		Courts:		Swimming Pool: nil	
	Oval: yes		Outdoor Seating: yes			
Telephone	Connections: office X 2			Public: Nil		
Parking	Cars: yes (2 carparks)	Bus: yes		Articulated vehicles: nil		Caravans: nil
Generator	Size: nil			Capability: nil		
Other Comments						

## CITY OF JOONDALUP EMERGENCY CONTACTS DIRECTORY

### 5.9 COMMUNITY SERVICE CENTRES

DESCRIPTION	LOCATION	CONTACT	PHONE
<b>Leisure Centres</b>			
Craigie Leisure Centre	Whitfords Avenue, Craigie	Gavin Taylor	9307 4566 0409 376 532
Ocean Ridge Leisure Centre	Sail Terrace, Heathridge	Adrian Fischer or Gavin Taylor	9401 0500 0409 376 532
Sorrento/Duncraig Leisure Centre	40 Warwick Road, Duncraig	Adrian Fischer or Gavin Taylor	9246 4722 0409 376 532
Warwick Leisure Centre	Cnr Warwick & Wanneroo Roads, Warwick	Jim Longbottom	9247 2266 0407 441 588
<b>Libraries</b>			
Joondalup Public Library	Cnr Lakeside Drive & Boas Avenue JOONDALUP, 6027		9400-4707
Sorrento/Duncraig Public Library	Cnr Warwick Road & Marmion Avenue DUNCRAIG, 6020		9447-9533
Whitford Public Library	Cnr Banks & Marmion Avenues, HILLARYS, 6025		9401-8222
Woodvale Public Library	Trappers Drive WOODVALE, 6026		9309-4717
<b>Halls &amp; Clubrooms</b>			
<b>Burns Beach</b>			
Jack Kikeros Community Hall	Cnr Burns Beach Rd & Ocean Parade, Burns Beach	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Craigie</b>			
Warrandyte Reserve Clubrooms	Warrandyte Drive	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Connolly</b>			
Connolly Community Centre	5 Glenelg Place Connolly	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Duncraig</b>			
Percy Doyle Reserve Buildings - Duncraig Community Hall	Warwick Road	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Sorrento Soccer Clubrooms	Warwick Road	Kerry Slater Secretary	9448 5908H 9326 2108W

Teeball and Junior Football Clubrooms)	40 Warwick Road Duncraig	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Undercroft Bridge Club	Percy Doyle Reserve Beddi Road		
<b>Edgewater</b>			
Emerald Park Clubrooms	Emerald Park, Emerald Way	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Greenwood</b>			
Calectasia Community Hall	Calectasia Street	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Greenwood Community Scout and Guide Hall	Calectasia Street	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Penistone Reserve Clubrooms	Penistone Street	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Heathridge</b>			
Guy Daniel Building	16 Sail Terrace	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Ocean Ridge Community Centre	Sail Terrace	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Heathridge Park Clubrooms	Sail Terrace	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Hillarys</b>			
Flinders Park Community Hall	Broadbeach Boulevard	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Kallaroo</b>			
Rob Baddock Community Hall	Cnr Mullaloo Drive & Dampier Avenue	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Kingsley</b>			
Kingsley Community Facility	Kingsley Reserve Kingsley Drive	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Kingsley Childcare Care Centre	Goollellal Drive		9309 2300
Kingsley Park Clubrooms (Kingsley Playgroup also operates from this building)	Kingsley Drive	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Kinross</b>			
MacNaughton Way Clubrooms	MacNaughton Crescent	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405

<b>Mullaloo</b>			
Surf Lifesaving Club Hall	Oceanside Promenade	At Clubhouse Steve Dargie President	9307 7666 0417177908
Mullaloo Community Centre	Koorana Road		9401 4540
<b>Ocean Reef</b>			
Beaumaris Community Hall	Constellation Drive	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Beaumaris Sports Complex	Beaumaris Boulevard		9400 4268
<b>Padbury</b>			
Padbury Community Hall	Caley Road	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Fleur Fream Pavillion	MacDonald Park	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
MacDonald Sports Complex	Forrest Road	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
<b>Sorrento</b>			
Sorrento Surf Lifesaving Club	West Coast Drive	At Clubhouse Neil Rowse President	9448 1431 0419048860
Sorrento Community Hall	Padbury Circle	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Sorrento/Duncraig Bowling Club	40 Warwick Road		9447 0696
<b>Warwick</b>			
Dorchester Community Hall	Cnr Dorchester Avenue & Dugdale Street	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Warwick Community Centre	Dugdale Road	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Ellersdale Clubrooms	Ellersdale Road	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Warwick Open Space Clubrooms	Warwick Road	Richard Oliver	0404894258 9448 4704
<b>Whitfords</b>			
Whitfords Community Centre	Flinders Park Broadbeach Boulevard		9307 2243
Whitford Family Centre	21 Endeavour Road Hillarys		

Woodvale			
Timberlane Community Hall	Timberlane Drive	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Chichester Clubrooms	Trappers Drive	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
Child Health Centres			
Carine Child Health Clinic	Off Davallia Road Duncraig		9447 9372
Craigie Child Health Clinic	Camberwarra Drive Craigie		9401 2619
Duncraig Child Health Clinic	Marri Road Duncraig		9447 9568
Greenwood Infant Health Clinic	Calectasia Way Greenwood		9447 9482
Heathridge Infant Health Clinic	Off Sail Terrace Heathridge		9401 9690
Joondalup Infant Health Clinic	Jolstra Crescent Joondalup		9300 2202
Kingsley Child Health Clinic	Cnr Moolanda Blvd. & Bargate Way Kingsley		9309 1517
Mullaloo Child Health Clinic	Koorana Road Mullaloo		9401 4540
Padbury Child Health Clinic	Cnr Alexander & Caley Road Padbury		9401 2631
Senior Citizens Centres - All Hired Facilities			
Greenwood/Warwick Community Care Facility	Dorchester Avenue	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
		Group at Warwick Community Centre	9448 0856
Wanjoo RSL Community Group	Woodvale/Kingsley Trappers Drive Woodvale	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
		President	9309 2414
Mildenhall/Duncraig Senior Citizens Centre	Beddi Road Duncraig	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
		At Mildenhall Community Centre	9447 2682
Whitford Senior Citizens Centre	Whitfords Avenue Hillarys	Community Facility Officer – Allison Gentry	9400 4268 0403 126 405
		At Whitfords Community Centre	9401 9650
Sports Stadiums			
Joondalup Basketball Stadium	380 Joondalup Drive (entrance Collier Pass turn right into Wise St)		9300 1325

Pre Schools			
Duncraig Pre School	57 Marri Road Duncraig		9447 5218
Hillarys Pre School	137 Broadbeach Boulevard		9401 3296
Davallia Pre School	487 Beach Road Duncraig		9447 6633

*(Community Service Centres – Reviewed March 2006)*

## 5.10 WA POLICE REGIONAL STATIONS

LOCATION	PHONE
JOONDALUP	9400 0888
HILLARYS	9403 1000
WARWICK	9246 8333
CLARKSON	9305 8300
TWO ROCKS	9561 2322
WANNEROO	9306 1111

## CITY OF JOONDALUP EMERGENCY CONTACT DIRECTORY

### 5.11 HOSPITALS / AMBULANCE / DOCTORS

RESOURCE	LOCATION	PHONE
<u>HOSPITALS</u>		
Sir Charles Gardner	Verdun Street, Nedlands	9346 3333
Royal Perth	Wellington Street, Perth	9224 2244
Joondalup Health Campus	Shenton Avenue, Joondalup	9405 2211
Osborne Park Public	Osborne Place, Stirling	9346 8000
<u>PRIVATE HOSPITALS</u>		
Joondalup Private	Shenton Avenue, Joondalup	9400 9400
Mt Lawley Private	14 Alvan Street, Mt Lawley	9370 2500
St John of God	175 Cambridge Street, Subiaco	9382 6111
<u>AMBULANCE</u>		
Communications Centre		000
Non Emergency	St John Ambulance	9334 1234
<u>DOCTORS</u>		
Department of Health Dr	1800 022 222	

## **CITY OF JOONDALUP EMERGENCY CONTACT DIRECTORY**

### **5.12 WANNEROO / JOONDALUP SES UNIT KEY CONTACTS**

<b>CONTACT</b>	<b>PHONE</b>
City of Wanneroo & City of Joondalup SES Co-ordinator Andrew Stanbury	0419 976 666 (mobile)
City of Wanneroo & City of Joondalup SES Unit 15 Winton Road Joondalup	9300 1666 (24 hours) 9300 1663 (fax)
SES Northshore Emergency Centre Metro Regional Headquarters 7 Lynton Street MT HAWTHORN	9444 9440 9443 2808 (fax)
Emergency Assistance	1300 130 039
Administration & General Enquiries	9277 0555 (24 hours) 9277 8320 (fax)

### **5.13 ADJOINING LOCAL AUTHORITIES**

<b>LOCAL AUTHORITIES</b>	<b>ADDRESS</b>	<b>PHONE</b>
City of Wanneroo	1204 Wanneroo Road Ashby (Depot address)	9400 5000
City of Stirling	Civic Place Stirling	9345 8555

## **PART 6: TESTING, EXERCISING & REVIEWING THE ARRANGEMENTS**

### **6.1 TESTING**

Testing the emergency management arrangements is at least as important as writing them. The arrangements are intended to be a blueprint for the COJ's response and recovery from a major occurrence and they must be verified for accuracy and functionality. The benefits of the testing include:

- Determining the effectiveness of your arrangements;
- Bringing together all relevant people and giving them knowledge of and confidence in each other;
- Providing the opportunity to promote the arrangements and educate the community;
- Providing an opportunity for testing participating agencies' operational procedures and skills in simulated emergency conditions while testing the ability of the agencies to work together on common tasks;
- Improving the arrangements in accordance with results found from debriefing the testing.

### **6.2 EXERCISING**

The ongoing testing of the COJ's emergency management arrangements will require appropriate exercise styles. The aim and outcomes of each exercise will assist in determining the most appropriate style. Using more than one style of exercise and building progressive exercise programs is recommended.

The following are three commonly used exercise styles:

- *Discussion Exercises* include orientation exercise, agency presentations, hypothetical and syndicate progressive exercises. Discussion exercises are low cost and usually involve few players.
- *Functional Exercises* are closely related to discussion exercises, but normally take place in an operational environment and require participants to actually perform the functions of their roles. They are commonly known as tabletop exercises.
- *Field Exercises* involve the deployment of personnel to a simulated incident or emergency. Field exercises can often follow a series of discussion or functional exercises.

### **6.3 LOCAL ARRANGEMENTS**

The COW/COJ LEMC on behalf of both the Cities has established the following testing, exercising and reviewing mechanisms.

- Two emergency management exercises aligned to priority local emergency risks shall be targeted annually (one per City). The exercise shall be planned, directed and conducted by an appropriate sub-committee of the COW/COJ LEMC.
- The LEMC Executive Officer (appointed local government officer) shall retain the details of emergency exercises undertaken, which shall be incorporated into the LEMC annual report to the North-West Metropolitan DEMC.
- A COJ local government officer in cooperation with the COW/COJ LEMC shall undertake the review of these emergency management arrangements in order to update relevant information and accommodate changing circumstances.

## **6.4 TRAINING PROGRAMS – TESTING, EXERCISING & REVIEWING THE ARRANGEMENTS**

- Exercise Management

## **PART 7: SUPPORT PLANS**

### **7.1 OPERATIONAL SERVICES SUPPORT PLAN**

#### **7.1.1 General**

- a) This plan is formulated to provide for the coordination of response from the City of Joondalup Operational Services in support of the combat authority in an emergency. Staff and plant from Operational Services may be called on through the City of Joondalup Operational Services Manager or his Deputy.
- b) This plan must be read in conjunction with the entire City of Joondalup Local Emergency Management Plan.

#### **7.1.2 Aim**

To detail arrangements necessary for the mobilisation and deployment of City of Joondalup to support an emergency operation.

#### **7.1.3 Emergency Alert**

A community member of the City of Joondalup, Hazard Management Agency or emergency services (e.g. Police, Fire, Ambulance or SES and services including Water and Electricity) may request council resources according to the LEMP. The alert will usually occur by telephone to the switchboard or to the after hours service. In both cases an Operations Manager or duty Ranger is to be telephoned. The Manager Operations Services may also call in other Sections of the City of Joondalup to assist with the emergency.

#### **7.1.4 Principal Works Division Functions**

The City of Joondalup Operational Services Manager or Deputy will coordinate the deployment of Council resources from the Depot office.

- a) Provide operational support to combat authorities.
- b) Carry out clean-up and specific operations such as removal of storm damaged trees and emergency construction work.
- c) Provide technical information on location and destination of local drainage system.
- d) Undertake traffic direction support duties and assist with any available traffic signs or barriers.
- e) Provide fuel, vehicles and personnel.
- f) Provide communication equipment and information.
- g) Familiarise staff with the Local Emergency Management Plan and its requirements.
- h) Assist Hazard Management Agencies to carry out damage assessment.

### **7.1.5 City of Joondalup Operational Services**

Emergency Management:

The Operation Services Manager assesses the scope of the emergency and classifies it as:

- *Level 1* – able to be managed by a Supervisor and one crew.
- *Level 2* – an emergency requiring more than one crew and a person to monitor the two way radio system.
- *Level 3* – an emergency involving Hazard Management Agencies or Wanneroo State Emergency Services Unit and more than two City of Joondalup crews.

*Level 1* – The supervisor calls in the employees required, arranges the equipment necessary and proceeds to the scene of emergency and carries out the necessary control actions. The Operation Services Manager may be contacted if necessary.

*Level 2* – The supervisor contacts the Operation Services Manager and confirms proposed emergency control actions. The Operation Services Clerical Officer is called in to operate the two-way radio system.

*Level 3* – The Supervisor immediately contacts the Operation Services Manager who takes control of the emergency management process. This will usually require coming to the Engineering office or the Local Co-ordination Centre.

### **7.1.6 Operational Services**

- a) Operational Services Coordination is carried out by the Operation Services Manager, who will form a small working group of staff to prepare an Action Plan to deal with the incident.
- b) The Operational Services Coordinating team will operate from the City of Joondalup Depot Office, Wanneroo.

The action committee will maintain an Emergency Resource File with current listings of relevant emergency equipment available:

- From the City of Joondalup Depot.
- From major hire operators and contractors in strategic locations in the City.

This file will contain a current directory of after hour numbers for relevant staff needed to operate machinery.

- c) Unless specifically authorised no Council equipment is to be operated by outside personnel.
- d) Identification Vests - Liaison officers to Emergency Co-ordination Centre and command posts must wear identification vests.

### **7.1.7 Communications**

The COJ's Operations Services communicates via mobile phone as well as being a user of Telstra's Push-To-Talk (PTT) Service. Communication can be obtained and/or coordinated by utilising the;

- a) Designated land-line numbers;
- b) Mobile phone service;
- c) PTT Service - person to person function; and
- d) PTT Service - group talk function.

#### **7.1.8 Procedures**

##### *Stage 1 - Warning*

- a) This will come from the Local Emergency Coordinator.
- b) Immediately following the warning the City of Joondalup Operational Services will alert members of the section.
- c) Key personnel will be contacted with information on the emergency.
- d) The Chief Executive Officer (and through him the Mayor) is advised by the Director of Infrastructure and Management Services.

##### *Stage 2 - Activate Action Plan*

- a) Staff are called and resources deployed as required.
- b) Necessary records are maintained in a logbook under established procedure.

#### **7.1.9 Activation**

The Operational Services Support Plan will be activated by the City after advice from the Hazard Management Agency or WASES or Local Emergency Coordinator. Alternatively Council Staff are at an incident or emergency and is considered to require the resources available the supervisor will immediately contact the Manager Operations who will alert the appropriate Hazard Management

## **7.2 COMMUNITY SERVICES SUPPORT PLAN**

### **7.2.1 General**

This operational Support Plan outlines a range of welfare services aimed at providing care, assistance and rehabilitation for the victims of a disaster and counselling and support for rescuers. The Department of Community Development, Joondalup Branch coordinates these programs

This Support Plan to be read in conjunction with the City of Joondalup Local Emergency Plan.

### **7.2.2 Aim**

To provide detailed arrangements for the provision of welfare support to those affected by an emergency.

### **7.2.3 Introduction**

Welfare services include all or some of the following functions:

- a) Feeding of evacuees.
- b) Temporary shelter.
- c) Short/medium term accommodation.
- d) Registration
- e) Personal services such as:
  - Care of children/aged persons
  - Counselling
  - Spiritual services

The above services are provided by a wide range of Government, local government, church and voluntary agencies coordinated by the Manager, Community Services, at the City of Joondalup. These services are coordinated by the Department of Community Development.

### **7.2.4 Basic Community Services Functions**

#### **a) Emergency Catering**

The Manager Community Services in conjunction with Principal Environmental Health Officer will coordinate this activity. The administrator Meals on Wheels will organise the preparation and distribution of meals to evacuees and staff at Community Centres. Commercial food outlets will be used as required.

#### **b) Community Services Centre and Emergency Accommodation**

In conjunction with the Family and Children's Services welfare centres will be set up as required and temporary emergency shelter arranged.

#### **c) Emergency Clothing**

The City of Joondalup Community Services Officers will liaise with Community Groups, Government and Government support agencies.

#### **d) Personal Services**

These include the reception and care of victims, their direction to welfare centres, basic first aid, counselling advice, spiritual services and escort duties.

#### **e) Registration and Enquiry**

Achieved in liaison with the Regional Welfare Support Plan.

**f) Provision of Financial Assistance**

Ensure access to financial assistance is liaison with the Department of Community Services and Non-Government support groups.

## **7.2.5 Evacuation Matrix**

The Evacuation Matrix of the Community Services Support Plan is used to establish the level of welfare support. It will be noted from the matrix that the level of welfare support is dependent upon the number of evacuees and the duration of the evacuation. In view of the considerable cost involved, the Department for Department of Community Services is activated at divisional, regional or state level for all significant evacuations.

The provision of welfare services is therefore a coordinated operation between Manager, Community Services (City of Joondalup) and the appropriate Department for Community Development. Activation of the Dept of Community Development district officer is achieved through the Manager Local Emergency Co-ordinator.

Duration People	0-8 hours	8 hrs to 1 day	1-3 days	3-7 days	1 week +
1-10	Local	Local/Division	Local/Region	Region	Region
10-100	Local/Division	Local/Region	Region	Region	Region/Stage
100-500	Local/Division	Local/Region	Region/State	State	State
500 +	Local/Region	Region	Region/State	State	State

The above evacuation matrix is a *guide* to the Hazard Management Agency and/or Emergency Coordinator during emergency operations.

The Hazard Management Agency should be in a position to advise the Local Emergency Co-ordinator of the area and estimated duration of evacuations.

Welfare support for evacuees can be obtained through local planning or Department of Community Services arrangements. "Local" in the above indicates the Local Plan requires activation. Where Division, Region or State are indicated, Department of Community Services arrangements at Divisional, Regional or State level may be activated.

The appropriate agency to arrange activation of Local or Department of Community Services Emergency Management Support Plans in the Metropolitan area should be the head of the Hazard Management Agency or the emergency Coordinator by conferring with the appropriate Welfare Coordinator from the organisation.

Should a short-term evacuation include persons who have been involved in or witnessed a traumatic event, unless the Local Plan has provision for trauma counselling, contact the nearest Department of Community Services office.

## **7.2.6 Registration**

The registration of evacuees is discharged by Department of Community Services under the provisions of the State Registration and Inquiry Plan. Registration is conducted at welfare centres by appropriately training personnel.

Registration is not required in all cases. The decision to perform this function will be made by the State Welfare Co-ordinator.

### **7.2.7 Welfare Centres**

The primary facility for the provision of welfare services is the Welfare Centre. These facilities are suitable for welfare support from City of Joondalup resources. During large scale evacuations welfare resources will be concentrated at the major centres. Welfare Centres and contact details are detailed in Part Three (Resources) and Five (Contacts), of the City of Joondalup Local Emergency Management Plan.

### **7.2.8 Welfare Resources**

The contact details of various church, club and philanthropic organisations is contained in the community directory. Major resource requirements such as transport, bedding communications will be coordinated through the District and State Emergency Coordination Centre.

### **7.2.9 Activation**

The decision to activate this plan will be determined by the Hazard Management Agency.

Communication of the decision to participating organisations is the responsibility of the Local Emergency Coordinator.

## **7.3 ENVIRONMENTAL HEALTH SUPPORT PLAN**

### **7.3.1 General**

This operational support plan outlines a range of public health and environmental measures necessary to protect the health of the community and evacuees at the time of the emergency.

The plan calls for close liaison with the other agencies dealing with the emergency and particularly with the Principal Environmental Health Officer and Manager Community Services.

### **7.3.2 Aim**

To detail the principal, public health and environmental functions to be addressed during an emergency or within a disaster affected area by the City of Joondalup.

To ensure adequate public health conditions are maintained and that the potential for the occurrence of disease is minimised.

### **7.3.3 Principal Environmental Health Functions**

The fundamental public health protection required at the time of a disaster are directed from the Local Emergency Co-ordination Centre and an officer from the Health Department of WA (appointed for major disasters). City of Joondalup Environmental Health support functions are coordinated by the City of Joondalup Principal Environmental Health Officer. Close liaison is maintained with the SES Local Manager. The City of Joondalup Principal Environmental Health Officer will initially act on behalf of the Health Department.

#### **a) Survey and Assessment:**

- Conduct an initial survey of the disaster to assess the priority of the environmental health response measures necessary and for the identification of immediate potential hazards.
- Identify safe temporary facility sites and disposal sites in conjunction with other authorities involved.

#### **b) Food (Human Consumption):**

- Food surveillance and possible rejection for human consumption.
- Monitoring of health provisions for food preparation, storage and distribution.
- Arrange seizure and disposal of damaged/perished foodstuff.

#### **c) Water:**

- Selection and maintenance of a portable water supply for use in an emergency.
- Develop guidelines for water transportation and distribution.

d) Disease Prevention:

- Determine the need for action and supervise the destruction of insect vectors and vermin where necessary.
- Liaise with Agriculture Western Australia as required.

e) Water Disposal (Including Site of Ablution, etc):

- Arrange for disposal of sullage water from emergency ablutions, sanitary conveniences and laundries.
- Siting of emergency facilities (ie ablutions, sanitary conveniences, laundries and refuse disposal).
- Arrange for disposal of solid wastes.
- Arrange disposal method for dead animals and supervise subsequent disposal.

f) Hygiene and Cleaning Details:

- Detail the procedures and schedules for:
  - (i) Cleaning of accommodation areas and public places.
  - (ii) Servicing of liquid waste holding tanks and drainage systems.
- Supervise activities as detailed above.

g) Accommodation:

In conjunction with the Family and Children's Services, identify and supervise the provision of suitable accommodation for evacuees and relief workers.

### **7.3.4 Environmental Health Organisation - City of Joondalup**

a) Environmental Health Co-ordination, City of Joondalup

The Principal Environmental Health Officer coordinates environmental Health Services.

b) Principal Environmental Health Officer

The Principal Environmental Health Officer of the City of Joondalup will develop a team of trained officers to act as backup in an emergency. An environmental health resource file will be developed and maintained in the City of Joondalup Environmental Health Department.

c) Role of the Environmental Health Officer

- To develop specific emergency contingency plans to ensure the Health Act is upheld in relation to environmental health and to arrange for appropriate staff training.
- In the event of an emergency to liaise with the Health Department of WA Medical Officer and the Local Emergency Co-ordinator. To provide status reports regarding environmental health as requested.
- To survey and assess the environmental and public health impact of the emergency and to initiate appropriate measures.

- To co-ordinate the various environmental and public health response activities and monitor conditions throughout the emergency period.
- To re-assess and direct appropriate environmental health measures to be undertaken and followed through during the recovery phase.

#### **7.3.5 Activation**

The Environmental Health Support Plan will be activated, after request made by Police or the Health Department of WA.



## PART 8: COJ EMERGENCY ASSETS REGISTER

SUB CATEGORY	CATEGORY DESCRIPTION	PLANT No	PLANT DESCRIPTION	SUPERVISOR	PURCHASE DATE	REGISTRATIO N #
ATV	ALL TERRAIN VEHICLE	95071	KAWASAKI KVF650 ALL TERRAIN VEHICLE - 1AZY549	GRAEME HALL	14/09/2001	1AZY549
	ALL TERRAIN VEHICLE	95070	KAWASAKI KVF650 ALL TERRAIN VEHICLE (RANGERS) - 1AZY548	PAUL HROVATIN	14/09/2001	1AZY548
BLOWER	VACUUM BLOWER HAND HELD	97057	STIHL BG85 VAC/BLOWER	ALAN DOUST	6/03/2003	
	VACUUM BLOWER HAND HELD	97058	STIHL BG85 VAC/BLOWER	ALAN DOUST	6/03/2003	
	VACUUM BLOWER HAND HELD	97059	STIHL BG85 VAC/BLOWER	ALAN DOUST	6/03/2003	
	VACUUM BLOWER HAND HELD	97086	STIHL BG85 BLOWER	ALAN DOUST	25/11/2003	
	VACUUM BLOWER HAND HELD	97087	STIHL BG85 BLOWER	ALAN DOUST	25/11/2003	
	VACUUM BLOWER HAND HELD	97088	STIHL BG85 BLOWER	ALAN DOUST	25/11/2003	
	VACUUM BLOWER HAND HELD	97089	STIHL BG85 BLOWER	ALAN DOUST	25/11/2003	
	VACUUM BLOWER HAND HELD	97090	STIHL BG85 BLOWER	ALAN DOUST	25/11/2003	
	VACUUM BLOWER HAND HELD	97091	STIHL BG85 BLOWER	ALAN DOUST	25/11/2003	
	VACUUM BLOWER HAND HELD	97092	STIHL BG85 BLOWER	SAM DUINA	25/11/2003	
	VACUUM BLOWER HAND HELD	97093	STIHL BG85 BLOWER	DAVE LATHAM	25/11/2003	
	VACUUM BLOWER HAND HELD	97094	STIHL BG85 BLOWER	BILL EARNSHAW	25/11/2003	
	VACUUM BLOWER HAND HELD	97095	STIHL BG85 BLOWER	BILL EARNSHAW	25/11/2003	
	VACUUM BLOWER HAND HELD	97096	STIHL BG85 BLOWER	DAVE LATHAM	25/11/2003	
	VACUUM BLOWER HAND HELD	97097	STIHL BG85 BLOWER	DAVE LATHAM	25/11/2003	
	VACUUM BLOWER HAND HELD	97098	STIHL BG85 BLOWER	DAVE LATHAM	25/11/2003	
	VACUUM BLOWER HAND HELD	97109	STIHL BG85 BLOWER	DAVE LATHAM	3/12/2004	
	VACUUM BLOWER HAND HELD	97142	STIHL BG85 BLOWER	MARK SKROZA	12/12/2005	
	VACUUM BLOWER HAND HELD	97037	STIHL BG85 VAC/BLOWER	ALAN DOUST	31/10/2002	
	VACUUM BLOWER HAND HELD	97040	STIHL LEAF BLOWER MODEL BG85	ALAN DOUST	21/11/2002	
	VACUUM BLOWER HAND HELD	97047	STIHL LEAF BLOWER MODEL BG85	BILL EARNSHAW	29/04/2003	
	VACUUM BLOWER HAND HELD	97048	STIHL LEAF BLOWER MODEL BG85	BILL EARNSHAW	29/04/2003	
	VACUUM BLOWER HAND HELD	97049	STIHL LEAF BLOWER MODEL BG85	BILL EARNSHAW	29/04/2003	
	VACUUM BLOWER HAND HELD	97131	STIHL SH85 SHREDDER/VACUUM	SAM DUINA	9/07/2004	
BRUSHCUTTER	BRUSHCUTTER <35CM3	98567	STIHL BRUSHCUTTER	DAVE LATHAM	21/05/1999	
	BRUSHCUTTER <35CM3	97100	STIHL FS120 BRUSHCUTTER	DAVE LATHAM	28/11/2003	

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	BRUSHCUTTER <35CM3	97126	STIHL FS120 LOOP HANDLE BRUSHCUTTER	ALAN DOUST	9/07/2004	
	BRUSHCUTTER LARGE	97039	FS200 STIHL BRUSHCUTTER	ALAN DOUST	21/11/2002	
	BRUSHCUTTER LARGE	97046	STIHL FS200 BRUSHCUTTER	ALAN DOUST	21/03/2003	
	BRUSHCUTTER LARGE	97052	STIHL FS200 BRUSHCUTTER	ALAN DOUST	6/03/2003	
	BRUSHCUTTER LARGE	97053	STIHL FS200 BRUSHCUTTER	ALAN DOUST	6/03/2003	
	BRUSHCUTTER LARGE	97054	STIHL FS200 BRUSHCUTTER	ALAN DOUST	6/03/2003	
	BRUSHCUTTER LARGE	97055	STIHL FS200 BRUSHCUTTER	ALAN DOUST	6/03/2003	
	BRUSHCUTTER LARGE	97056	STIHL FS200 BRUSHCUTTER	ALAN DOUST	6/03/2003	
	BRUSHCUTTER LARGE	97064	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97065	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	DAVE LATHAM	25/11/2003	
	BRUSHCUTTER LARGE	97066	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97067	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97068	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97069	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97070	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97072	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	BILL EARNshaw	25/11/2003	
	BRUSHCUTTER LARGE	97073	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97074	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97075	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	SAM DUINA	25/11/2003	
	BRUSHCUTTER LARGE	97076	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97077	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97078	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	
	BRUSHCUTTER LARGE	97079	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	25/11/2003	

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	BRUSHCUTTER LARGE	97140	STIHL FS200 BRUSHCUTTER WITH BULL HORN HANDLE	ALAN DOUST	13/09/2005	
	BRUSHCUTTER LARGE	97127	STIHL FS200 BULL BAR BRUSHCUTTER	ALAN DOUST	9/07/2004	
	BRUSHCUTTER LARGE	97128	STIHL FS200 BULL BAR BRUSHCUTTER	BILL EARNSHAW	9/07/2004	
	BRUSHCUTTER LARGE	97038	STIHL FS200B BRUSHCUTTER	ALAN DOUST	31/10/2002	
<b>BUS</b>	BUS <15 SEATS	95001	TOYOTA COASTER BUS - 9DI166	GRAEME HALL	15/08/1995	9DI166
	BUS <15 SEATS	95075	TOYOTA COMMUTER 3.0 LITRE DIESEL 14 SEATER BUS - 1BAG968	BILL BETTS	22/10/2001	1BAG968
	BUS >15 <25 SEATS	95093	MITSUBISHI ROSA BUS WITHOUT HOIST - TC4296	GRAEME HALL	24/09/2002	TC4296
	BUS >15 HOIST <25 SEATS	95096	MITSUBISHI ROSA WITH WHEEL CHAIR HOIST - TC4297	GRAEME HALL	14/11/2002	TC4297
<b>CEMENTMIXER</b>	CONCRETE MIXER < 75LT	98020	CEMENT MIXER EP35 WITH 4 HP HONDA PETROL ENGINE	SAM DUINA	29/10/1999	
	CONCRETE MIXER < 75LT	97104	CONCRETE MIXER 75 LITRE HONDA GX120 MOTOR	BILL BETTS	22/12/2003	
	CONCRETE MIXER < 75LT	97123	EASYMIX 65 LITRE CEMENT MIXER	MARK SKROZA	18/08/2004	
	CONCRETE MIXER < 75LT	97124	EASYMIX 65 LITRE CEMENT MIXER	ANDREW O'FARRELL	18/08/2004	
	CONCRETE MIXER < 75LT	98035	EASYMIX CEMENT MIXER 65 LITRE	BILL EARNSHAW	18/11/1999	
	CONCRETE MIXER >75LT <110LT	98039	EASYMIX CEMENT MIXER 100 LITRE	SAM DUINA	18/11/1999	
<b>CHAINSAW</b>	CHAINSAW <40CM3	97044	STIHL MODEL MS200T CHAINSAW 16"BAR	BILL EARNSHAW	2/11/2003	
	CHAINSAW <40CM3	97062	STIHL MS360 16" CHAINSAW	BILL EARNSHAW	30/06/2003	
	CHAINSAW <40CM3	98196	STIHL 12" 200T CHAIN SAW	BILL EARNSHAW	20/06/2002	
	CHAINSAW <40CM3	97115	STIHL MS 200 CHAINSAW	BILL EARNSHAW	8/12/2004	
	CHAINSAW <40CM3	97116	STIHL MS 200 CHAINSAW	BILL EARNSHAW	8/12/2004	
	CHAINSAW <40CM3	97117	STIHL MS 260 CHAINSAW	BILL EARNSHAW	13/08/2004	
	CHAINSAW <40CM3	97108	STIHL MS200T LOPPING CHAINSAW	BILL EARNSHAW	20/02/2004	
	CHAINSAW >40CM3	97113	CHAINSAW STIHL MS361 WITH 16" BAR	DAVE LATHAM	25/06/2004	
	CHAINSAW >40CM3	98152	STIHL MODEL 036 CHAINSAW 16"BAR	BILL EARNSHAW	17/10/2000	
	CHAINSAW >40CM3	98154	STIHL MODEL 036 CHAINSAW 16"BAR	DAVE LATHAM	17/10/2000	
	CHAINSAW >40CM3	98179	STIHL MODEL 036 CHAINSAW	BILL EARNSHAW	25/01/2002	

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			16"BAR			
	CHAINSAW >40CM3	97099	STIHL CHAINSAW MS260C WITH 16" BAR	SAM DUINA	25/11/2003	
	CHAINSAW >40CM3	97106	STIHL CHAINSAW MS260C WITH 16" BAR	SAM DUINA	30/01/2004	
	CHAINSAW >40CM3	97102	STIHL EXTENDABLE CHAINSAW POLE PRUNER WITH 12" BAR	BILL EARNSHAW	12/02/2003	
	CHAINSAW >40CM3	97103	STIHL EXTENDABLE CHAINSAW POLE PRUNER WITH 12" BAR	DAVE LATHAM	12/02/2003	
	CHAINSAW >40CM3	97121	STIHL MS 361 CHAINSAW 18" BAR	BILL EARNSHAW	18/08/2004	
	CHAINSAW >40CM3	97122	STIHL MS 361 CHAINSAW 18" BAR	BILL EARNSHAW	18/08/2004	
	CHAINSAW >40CM3	97051	STIHL MS360 CHAIN SAW	BILL EARNSHAW	27/05/2003	
	CHAINSAW >40CM3	97135	STIHL MS361, RAPID SUPER CHAIN, 40CM BAR	BILL BETTS	1/10/2005	
	CHAINSAW >40CM3	97137	STIHL MS660 CHAINSAW WITH 20" BAR	KAREN CALLAGHAN	4/06/2005	
<b>COMPACTOR</b>	COMPACTOR DUAL DRUM RIDE ON	98329	VIBROMAX TURF WICKET ROLLER - WN26260	BILL EARNSHAW	10/12/1989	WN26260
	COMPACTOR PLATE COMPACTOR	97061	WACKER PLATE COMPACTOR VPH	SAM DUINA	13/10/2003	
	COMPACTOR PLATE COMPACTOR	97134	WACKER VIBRATING PLATE COMPACTOR	SAM DUINA	14/01/2005	
	COMPACTOR PLATE COMPACTOR	97060	WACKER VPH70 PLATE COMPACTOR	SAM DUINA	6/10/2003	
	COMPACTOR PLATE COMPACTOR	97111	WACKER VPH70 PLATE COMPACTOR	MARK SKROZA	4/02/2004	
	COMPACTOR SINGLE DRUM PEDESTRIAN	98219	WACKER SINGLE DRUM VIBRATING ROLLER	MARK SKROZA	3/03/2003	
	COMPACTOR VERTICAL RAMMER	98157	WACKER VIBRO RAMMER COMPACTOR	SAM DUINA	11/01/2000	
<b>CUTTER SAW</b>	CONCRETE SAW	98088	BR-SP8H SURFACE PREP MACHINE HONDA GX160	SAM DUINA	12/07/2004	
	CONCRETE SAW	98220	COMPAC CSS-COM09-H FLOOR SAW	SAM DUINA	20/03/2003	
	CONCRETE SAW	98148	DEMBICON COMPAC FLOORSAW 14"	SAM DUINA	11/01/2000	
	CONCRETE SAW	98155	DEMBICON COMPAC FLOORSAW 14"	SAM DUINA	11/01/2000	
	CONCRETE SAW	98119	DEMBICON COMPACT CONCRETE SAW (9HP)	MARK SKROZA	27/06/2000	
	CONCRETE SAW	97133	HONDA K-PACT FOLDING HANDLE FLOOR SAW WITH 6.75KW MOTOR, 35CM BLADE	SAM DUINA	15/10/2004	
	CONCRETE SAW	98086	K PACT CONCRETE FLOOR SAW,	MARK SKROZA	12/01/2004	

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			40CM , 8.2KW HONDA MOTOR, FOLDING HANDLE			
	CONCRETE SAW	97114	PARTNER K700 14" ACTIVE III POWER CUTTER	MARK SKROZA	8/04/2004	
	CONCRETE SAW	98077	PARTNER K700 PIPE CUTTER	MARK SKROZA	4/07/2000	
	CONCRETE SAW	98050	STIHL CUT QUICK TS 400 CUTTER	ANDREW O'FARRELL	29/10/2003	
<b>EDGER</b>	LAWN EDGER PETROL POWERED	98063	3 WHEELED EDGER	BILL EARNSHAW	4/05/2002	
	LAWN EDGER PETROL POWERED	98074	3 WHEELED HEAVY DUTY EDGER	SAM DUINA	4/12/2000	
	LAWN EDGER PETROL POWERED	98075	3 WHEELED HEAVY DUTY EDGER	ALAN DOUST	4/12/2000	
	LAWN EDGER PETROL POWERED	97119	DWYER & FELTON 3 WHEEL EDGEMASTER WITH HONDA GX120 MOTOR, MODEL E12 STD	ALAN DOUST	16/08/2004	
	LAWN EDGER PETROL POWERED	97118	DWYER & FELTON 3 WHEEL EDGEMASTER WITH HONDA GX120 MOTOR, MODEL E12 STD	SAM DUINA	16/08/2004	
	LAWN EDGER PETROL POWERED	97027	DWYER & FELTON LAWN EDGER, 3 WHEELER	ALAN DOUST	15/11/2000	
	LAWN EDGER PETROL POWERED	97028	DWYER & FELTON LAWN EDGER, 3 WHEELER	DAVE LATHAM	15/11/2000	
	LAWN EDGER PETROL POWERED	97004	MOW MASTER 3 WHEELED EDGER	DAVE LATHAM	16/06/2000	
<b>GENERATOR</b>	GENERATOR PETROL POWERED <5KVA	98161	DUNLITE GENERATOR 8KVA	BILL EARNSHAW	13/02/2001	
	GENERATOR PETROL POWERED <5KVA	98226	GENERATOR EP5900HSRE WITH HONDA ENGINE	ANDREW O'FARRELL	23/09/2003	
	GENERATOR PETROL POWERED <5KVA	97101	HONDA GENERATOR EU20	WAYNE EVANGELISTA	12/02/2003	
	GENERATOR PETROL POWERED <5KVA	97132	ROBIN 3KVA GENERATOR	DAVE LATHAM	10/12/2004	
	GENERATOR PETROL POWERED <5KVA	97110	ROBIN RGX3500L GENERATOR SET	SAM DUINA	19/03/2004	
	GENERATOR PETROL POWERED <5KVA	98878	ROBIN/MARKON GENERATOR 3.75KVA	SAM DUINA	23/04/1997	
<b>HEDGE CUTTER</b>	HEDGE CUTTER PETROL	97081	STIHL HEDGE CUTTER HS80 WITH 70CM BAR	BILL EARNSHAW	25/11/2003	
	HEDGE CUTTER PETROL	97082	STIHL HEDGE CUTTER HS80 WITH 70CM BAR	BILL EARNSHAW	25/11/2003	
	HEDGE CUTTER PETROL	97083	STIHL HEDGE CUTTER HS80 WITH 70CM BAR	DAVE LATHAM	25/11/2003	

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	HEDGE CUTTER PETROL	97084	STIHL HEDGE CUTTER HS80 WITH 70CM BAR	DAVE LATHAM	25/11/2003	
	HEDGE CUTTER PETROL	97041	STIHL HEDGE TRIMMER MODEL HS45	SAM DUINA	12/09/2002	
	HEDGE CUTTER PETROL	97139	STIHL HS45 HEDGE CUTTER	BILL EARNSHAW	8/10/2005	
	HEDGE CUTTER PETROL	97129	STIHL HS80 HEDGE CUTTER	DAVE LATHAM	9/07/2004	
	HEDGE CUTTER PETROL	97130	STIHL HS80 HEDGE CUTTER	DAVE LATHAM	9/07/2004	
	HEDGE CUTTER PETROL	97136	STIHL HS80 HEDGE CUTTER	BILL BETTS	23/02/2005	
<b>LOADER</b>	SKID STEER LOADER <50kW	98224	MUSTANG 2064 SKID STEER LOADER - 1BIP457	SAM DUINA	4/08/2003	1BIP457
	SKID STEER LOADER >50kW < 100kW	98230	VOLVO L60E LOADER- 1BYI160	MARK SKROZA	20/04/2005	1BYI160
	SKID STEER LOADER >50kW <75kW	98186	MUSTANG 2070 SKID STEER LOADER - 1BCL241	MARK SKROZA	19/03/2002	1BCL241
	SKID STEER LOADER >50kW <75kW	98185	MUSTANG 2070 SKID STEER LOADER - 1BCL242	SAM DUINA	19/03/2002	1BCL242
<b>MISC ITEMS</b>	BEACH CLEANER 1500MM WIDE	98198	BOSS BBC 2000 BEACH CLEANER - WN28850	ALAN DOUST	11/04/2002	WN28850
	BRICKSAW PETROL POWERED	98206	TMP PETROL BRICK SAW 14" BLADE (MNT ON 98124)	SAM DUINA	2/10/2003	
	COMPACTOR SINGLE DRUM PEDESTRIAN	98085	BOMAG BW55E VIBRATING PEDESTRIAN ROLLER	SAM DUINA	29/11/2004	
	COMPACTOR VERTICAL RAMMER	98084	VERTICAL RAMMER, LT6000, 4 STROKE WITH GX100 HONDA ENGINE	MARK SKROZA	9/09/2004	
	COMPRESSOR PETROL POWERED	98024	INGERSOL RAND 3P151C AIR COMPRESSOR	SAM DUINA	29/10/1999	
	COMPRESSOR PETROL POWERED	97063	SCORPION COMPRESSOR	SAM DUINA	17/10/2003	
	ELEVATING WORK PLATFORM TOWED SELF PROPELLED <6M HGT	98197	GUNDOO GT 5/7 WORK PLATFORM - 1TDS227	BILL EARNSHAW	26/06/2002	1TDS227
	FORKLIFT	98497	CROWN 20MT FORKLIFT	KAREN CALLAGHAN	20/12/1994	
	GRADER < 75kW	98881	MITSUBISHI MG130 GRADER - WN31099	MARK SKROZA	10/08/1997	WN31099
	JACK HAMMER ELECTRIC	98061	JACK HAMMER (KANGO ELECTRIC)	SAM DUINA	11/01/2002	
	JACK HAMMER ELECTRIC	97143	MILWAUKEE ELECTRIC JACK HAMMER WITH CHISEL, POINT & CUTTER ATTACHMENTS	SAM DUINA	18/01/2006	
	LAWN CORER 3 POINT LINKAGE	98178	BOSS INDUSTRIAL 3 POINT LINKAGE	ALAN DOUST	22/01/2002	

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			CORER			
	MISC PLANT ITEMS	98071	CONCRETE SCREED WITH HONDA GX31 MOTOR	MARK SKROZA	4/02/2004	
	MISC PLANT ITEMS	97120	INGERSOLL RAND COMPRESSOR	DAVE LATHAM	17/08/2004	
	MISC PLANT ITEMS	97063	SCORPION COMPRESSOR	SAM DUINA	17/10/2003	
	POST HOLE DIGGER HAND HELD	97033	TANAKA JEA50 POST HOLE BORER	DAVE LATHAM	9/12/2001	
	POST HOLE DIGGER TRACTOR MOUNTED	98221	SUPERIOR HEAVY DUTY POST HOLE DIGGER	BILL EARNSHAW	21/03/2003	
	SPRAYER ELECTRIC	97043	HARDY HYDROGEN PEROXIDE ELECTRIC SPRAYER ON TRAILER 98103	DAVE LATHAM	2/01/2002	
	SPRAYER PETROL POWERED	98099	KARCHER HDS 1000 DE HIGH PRESSURE CLEANER WITH 9HP YAMAHA ENGINE	DAVE LATHAM	4/06/2005	
	SPRAYER PETROL POWERED	98011	SPITWATER HP201SAE PRESSURE BLASTER	SAM DUINA	12/10/2003	
	SPRAYER PETROL POWERED	98040	SPITWATER HP201SAE PRESSURE BLASTER	SAM DUINA	12/10/2003	
	SPREADER FERTILISER MANUAL OPERATION	98083	VICON PS303 FERTILISER SPREADER	DAVE LATHAM	24/08/2004	
	SPREADER SAND 3 POINT LINKAGE	98089	HEAVY DUTY SMUDGE BOARD AND SCREED	ALAN DOUST	25/02/2000	
	TURF CUTTER PETROL POWERED	98043	INGS TURFCUTTER WITH 9HP HONDA MOTOR	BILL EARNSHAW	13/10/2003	
<b>MOWER</b>	MOWER PEDESTRIAN ROTARY	97085	HONDA HRU195 ROTARY MOWER WITH 19" CUT	ALAN DOUST	25/11/2003	
	MOWER PEDESTRIAN ROTARY	97105	HONDA HRU195 ROTARY MOWER WITH 19" CUT	BILL EARNSHAW	22/12/2003	
	MOWER PEDESTRIAN ROTARY	98068	LAWNMOWER HONDA HRV195 19" CUT	BILL EARNSHAW	22/03/2000	
	MOWER RIDE ON 2WD	98092	RIDE-ON TORO GROUNDSMASTER 328D ROTARY 2WD MOWER - 1BWR368	ALAN DOUST	4/06/2005	1BWR368
	MOWER RIDE ON 2WD	98093	RIDE-ON TORO GROUNDSMASTER 328D ROTARY 2WD MOWER - 1BWR369	ALAN DOUST	4/06/2005	1BWR369
	MOWER RIDE ON 2WD	98094	RIDE-ON TORO GROUNDSMASTER 328D ROTARY 2WD MOWER - 1BWR370	ALAN DOUST	4/06/2005	1BWR370

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	MOWER RIDE ON 2WD	98095	RIDE-ON TORO GROUNDSMASTER 328D ROTARY 2WD MOWER - 1BWR371	ALAN DOUST	4/06/2005	1BWR371
	MOWER RIDE ON 2WD	98096	RIDE-ON TORO GROUNDSMASTER 328D ROTARY 2WD MOWER - 1BWR372	ALAN DOUST	4/06/2005	1BWR372
	MOWER RIDE ON 2WD	98098	RIDE-ON TORO GROUNDSMASTER 328D ROTARY 2WD MOWER - 1BWR373	ALAN DOUST	4/06/2005	1BWR373
	MOWER RIDE ON 2WD	98187	TORO 223-D RIDE ON MOWER INCLUDING CATCHER - 1AZE763	ALAN DOUST	30/04/2002	1AZE763
	MOWER RIDE ON 2WD	98701	TORO 325-D RIDE ON MOWER 4WD - 1BBU019	ALAN DOUST	24/12/2001	1BBU019
	MOWER RIDE ON 2WD	98207	TORO 328 -D RIDE ON MOWER - 1BDM842	ALAN DOUST	21/02/2003	1BDM842
	MOWER RIDE ON 2WD	98070	TORO GROUNDSMASTER 328-D 2WD MOWER-1BOP077	ALAN DOUST	25/02/2004	1BOP077
	MOWER RIDE ON 2WD	98200	TORO GROUNDSMASTER 328-D RIDE ON MOWER - 1BDM841	ALAN DOUST	2/12/2003	1BDM841
	MOWER RIDE ON 2WD	98188	TORO GROUNDSMASTER MOWER ROTARY RIDE 2WD - 1BAA446	ALAN DOUST	30/05/2002	1BAA446
	MOWER RIDE ON 2WD	98189	TORO GROUNDSMASTER MOWER ROTARY RIDE 2WD - 1BAA447	ALAN DOUST	30/05/2002	1BAA447
	MOWER RIDE ON 4WD	98181	TORO GM325D RIDE-ON 4WD - 1AZE734	ALAN DOUST	2/07/2002	1AZE734
	MOWER RIDE ON 4WD	98195	TORO GROUNDSMASTER MOWER ROTARY RIDE 4WD - 1BAA445	ALAN DOUST	30/05/2002	1BAA445
	MOWER SELF PROPELLED ROTARY	98078	13 HP DEUTSCHER MOWER	ALAN DOUST	26/05/2000	
	MOWER SELF PROPELLED ROTARY	98080	13 HP DEUTSCHER MOWER	ALAN DOUST	26/05/2000	
	MOWER SELF PROPELLED ROTARY	98065	26" CUT LAWN MOWER WITH HONDA GX270 ENGINE	ALAN DOUST	4/05/2000	
	MOWER SELF PROPELLED ROTARY	98064	26" CUT WICKET MOWER WITH HONDA GX270 ENGINE	BILL EARNSHAW	4/05/2000	
	MOWER SELF PROPELLED ROTARY	98201	DEUTSCHER FIXED WHEEL MOWER	ALAN DOUST	30/11/2000	
	MOWER SELF PROPELLED ROTARY	98202	DEUTSCHER FIXED WHEEL MOWER	ALAN DOUST	30/11/2000	
	MOWER SELF PROPELLED	98203	DEUTSCHER FIXED WHEEL MOWER	ALAN DOUST	30/11/2000	

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	ROTARY					
	MOWER SELF PROPELLED ROTARY	98204	DEUTSCHER FIXED WHEEL MOWER	ALAN DOUST	30/11/2000	
	MOWER SELF PROPELLED ROTARY	98214	DEUTSCHER FIXED WHEEL MOWER	ALAN DOUST	17/01/2001	
	MOWER SELF PROPELLED ROTARY	98215	DEUTSCHER FIXED WHEEL MOWER	ALAN DOUST	17/01/2001	
	MOWER SELF PROPELLED ROTARY	98170	DEUTSCHER H26 ROTARY MOWER	ALAN DOUST	11/12/2001	
	MOWER SELF PROPELLED ROTARY	98171	DEUTSCHER H26 ROTARY MOWER	ALAN DOUST	11/12/2001	
	MOWER SELF PROPELLED ROTARY	98172	DEUTSCHER H26 ROTARY MOWER	ALAN DOUST	11/12/2001	
	MOWER SELF PROPELLED ROTARY	98173	DEUTSCHER H26 ROTARY MOWER	ALAN DOUST	11/12/2001	
	MOWER SELF PROPELLED ROTARY	98174	DEUTSCHER H26 ROTARY MOWER	ALAN DOUST	11/12/2001	
	MOWER SELF PROPELLED ROTARY	98003	DEUTSCHER H660 18HP MOWER	SAM DUINA	30/10/2003	
	MOWER SELF PROPELLED ROTARY	98222	DEUTSCHER ROTARY MOWER 36058	ALAN DOUST	4/03/2003	
	MOWER SELF PROPELLED ROTARY	98223	DEUTSCHER ROTARY MOWER 36058	ALAN DOUST	4/03/2003	
	MOWER SELF PROPELLED ROTARY	98563	DEUTSCHER ROTARY MOWER 650MM	ALAN DOUST	28/05/1999	
	REEL MOWER RIDE ON	98036	TORO REELMASTER 3100-D3WD RIDE ON MOWER - WN31552	ALAN DOUST	23/12/1999	WN31552
	REEL MOWER TOWABLE <= 7 GANG	98162	BEAVER TM739, 7 GANG MOWER - 1TCO932	ALAN DOUST	4/02/2001	1TCO932
	REEL MOWER TOWABLE <= 7 GANG	98049	HAYTER TM 749 SEVEN GANG TRAILING MOWER - 1TEO817	ALAN DOUST	14/10/2003	1TEO817
	REEL MOWER TOWABLE <= 7 GANG	98067	HAYTER TM 749 SEVEN GANG TRAILING MOWER - 1TEU824	ALAN DOUST	1/12/2004	1TEU824
	REEL MOWER TOWABLE <= 7 GANG	98091	HAYTER TM749 SEVEN GANG MOWER - 1TFP523	ALAN DOUST	1/07/2005	1TFP523
	VERTIMOWER	98057	DWYER FELTON VERTIMOWER	BILL EARNSHAW	25/02/2000	
	VERTIMOWER	98056	FLAIL VERTI MOWER WITH 1800MM WIDE CUT	ALAN DOUST	1/09/2004	
<b>PASSENGER</b>	SEDAN 4 CYLINDER	99015	MITSUBISHI LANCER, AUTOMATIC,	KAREN	3/09/2005	93COJ

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			SILVER STATION WAGON - 93COJ	CALLAGHAN		
	SEDAN 4 CYLINDER	99071	NISSAN PULSAR LX SEDAN - 102COJ	VIC ETHERINGTON	22/11/2002	102COJ
	SEDAN 4 CYLINDER	99065	NISSAN PULSAR LX SEDAN, SILVER- 1BEM498	STEVE SULLIVAN	23/09/2002	1BEM498
	SEDAN 4 CYLINDER	99001	NISSAN PULSAR ST 1.8LT AUTO WHITE SEDAN- 33COJ	PETER PIKOR	11/12/2003	33COJ
	SEDAN 4 CYLINDER	99002	NISSAN PULSAR ST AUTOMATIC TWILIGHT- 85COJ	PETER PIKOR	12/04/2003	85COJ
	SEDAN 4 CYLINDER	99006	NISSAN ST PULSAR SEDAN, AUTOMATIC, BURGUNDY- 92COJ	CHRIS TERELINCK	5/03/2004	92COJ
	SEDAN 4 CYLINDER	99017	NISSAN ST PULSAR, BLUE, AUTOMATIC - 40COJ	STEVE SULLIVAN	14/03/2005	40COJ
	SEDAN 4 CYLINDER	99005	NISSAN ST PULSAR, BLUE, AUTOMATIC - 89COJ	GRAEME CATCHPOLE	28/09/2004	89COJ
	SEDAN 4 CYLINDER	99016	NISSAN ST PULSAR, BLUE, AUTOMATIC - 91COJ	GRAEME HALL	14/03/2005	91COJ
	SEDAN 4 CYLINDER	99086	TOYOTA COROLLA HATCHBACK 1.8LTR - SILVER - 109COJ	KEVIN SYME	15/05/2003	109COJ
	SEDAN 4 CYLINDER	99085	TOYOTA COROLLA HATCHBACK 1.8LTR - SILVER - 1BIT745	CHRIS TERELINCK	15/05/2003	1BIT745
	SEDAN 4 CYLINDER	99087	TOYOTA COROLLA HATCHBACK 1.8LTR - WHITE - 46COJ	RHONDA HARDY	15/05/2003	46COJ
	SEDAN 4 CYLINDER	99084	TOYOTA COROLLA HATCHBACK 1.8LTR - WHITE - 86COJ	VIC ETHERINGTON	15/05/2003	86COJ
	SEDAN 6 CYLINDER	99007	HOLDEN COMMODORE VZ EXECUTIVE, BARBADOS - 1BTF733	CEO	11/11/2004	1BTF733
	SEDAN 6 CYLINDER	99014	HOLDEN COMMODORE VZ SEDAN, AUTOMATIC, SILVER- 1BWU390	CHRIS TERELINCK	21/01/2005	1BWU390
	SEDAN 6 CYLINDER	99008	HOLDEN COMMODORE VZ, WHITE - 1BTF732	DAVE DJULBIC	11/12/2004	1BTF732
	SEDAN LUXURY	99018	FORD FAIRMONT GHIA, AUTOMATIC, SILVER - 1BXR478	CEO	18/03/2005	1BXR478
	SEDAN LUXURY	99010	HOLDEN BERLINA VZ, MARTINI - 28COJ	DAVE DJULBIC	17/11/2004	28COJ
	SEDAN LUXURY	99083	HOLDEN CALAIS VY SEDAN - RED - 1BJG800	PETER SCHNEIDER	14/05/2003	1BJG800
	SEDAN LUXURY	99011	HOLDEN VZ CALAIS, AUTOMATIC, BLACK SEDAN - 1BUX728	CEO	12/06/2004	1BUX728

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	SEDAN LUXURY	99012	HOLDEN VZ CALAIS, AUTOMATIC, BLUE - 1BUX734	CEO	15/12/2004	1BUX734
	SEDAN LUXURY	99013	HOLDEN VZ CALAIS, RED - 1BUY229	CEO	17/12/2004	1BUY229
	STATION WAGON 6 CYLINDER	99004	FORD XT FALCON BA SILVER GAS STATION WAGON - 1BPP316	CHRIS TERELINCK	2/09/2004	1BPP316
	STATION WAGON 6 CYLINDER	99082	HOLDEN COMMODORE VY STATION WAGON- SILVER - 100COJ	GRAEME HALL	5/08/2003	100COJ
	STATION WAGON 6 CYLINDER	99080	HOLDEN COMMODORE VY STATION WAGON- WHITE - 105COJ	KAREN CALLAGHAN	30/04/2003	105COJ
	STATION WAGON 6 CYLINDER	99088	HOLDEN COMMODORE VY STATIONWAGON - GREEN - 44COJ	GRAEME HALL	28/04/2003	44COJ
<b>PUMP</b>	PUMP PETROL POWERED	98055	DAVEY WATER PUMP	SAM DUINA	15/12/1999	
	PUMP PETROL POWERED	98108	DAVEY WATER PUMP MOUNTED ON 96001	MARK SKROZA	31/05/2000	
	PUMP PETROL POWERED	98159	HONDA TRASH PUMP	ANDREW O'FARRELL	14/11/2000	
	PUMP PETROL POWERED	98025	HONDA WATER PUMP	SAM DUINA	11/01/1999	
	PUMP PETROL POWERED	98158	HONDA WATER PUMP MOUNTED ON 1ATT447 (95051)	MARK SKROZA	11/10/2000	
	PUMP PETROL POWERED	98027	HONDA WT-30X TRASH PUMP	SAM DUINA	10/10/2003	
	PUMP PETROL POWERED	98042	HONDA WT-30X TRASH PUMP	ANDREW O'FARRELL	10/10/2003	
	PUMP PETROL POWERED	97045	HONDA WX10 WATER PUMP (MNT ON 95098)	SAM DUINA	3/04/2003	
	PUMP PETROL POWERED	98199	PETROL ENGINE MOUNTED ON REAR OF 96010	BILL EARNSHAW	30/12/2002	
	PUMP PETROL POWERED	98774	ROBIN EY20D PUMP AND MOTOR	SAM DUINA	12/01/2000	
	PUMP SUBMERSIBLE	97125	SUBMERSIBLE FLEXI DRIVE PUMP, 50MM WITH HONDA POWER HEAD	SAM DUINA	24/08/2004	
	PUMP SUBMERSIBLE	98111	SUBMERSIBLE FLEXI TOOL PUMP WITH HONDA MOTOR	ANDREW O'FARRELL	18/01/2006	
<b>SLASHER</b>	ROLLER SLASHER	98225	JARRETT ROLLER SLASHER 3 POINT LINKAGE	ALAN DOUST	23/05/2003	
	ROLLER SLASHER	98090	JARRETT TM232 FINISHING MOWER	ALAN DOUST	12/08/2004	
	ROLLER SLASHER	98082	MOOREHOUSE JUNGLE BASTER, 3 POINT LINKAGE SLASHER	ALAN DOUST	30/06/2004	
	ROLLER SLASHER	98184	MOOREHOUSE SLASHER	ALAN DOUST	15/03/2002	
<b>SWEEPER</b>	ROAD SWEEPER	98072	TENNANT ROAD SWEEPER- 1BNG190	DAVE LATHAM	4/02/2004	1BNG190

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	SWEeper PEDESTRAIN	98474	TENNANT 110 SWEEPER	SAM DUINA	28/03/1996	
<b>TRACTOR</b>	TRACTOR 2WD >50kW <60kW	98100	CASE CX70 2WD TRACTOR - 1ARP831	ALAN DOUST	25/05/2000	1ARP831
	TRACTOR 2WD >50kW <60kW	98229	CASE TRACTOR JX80U 2WD - 1BLI213	ALAN DOUST	9/12/2003	1BLI213
	TRACTOR 2WD >50kW <60kW	98227	CASE TRACTOR JX80U 2WD - 1BLI214	ALAN DOUST	9/12/2003	1BLI214
	TRACTOR 2WD >50kW <60kW	98104	MCCORMICK CX85 2WD TRACTOR - 1CAF848	ALAN DOUST	19/09/2005	1CAF848
	TRACTOR 4WD <40kW	98498	CASE IH 3230XL TRACTOR WITH BUCKET - WN30864	DAVE LATHAM	26/05/1997	WN30864
	TRACTOR 4WD <40kW	98160	KUBOTA L3010 4WD TRACTOR - 1AUM748	DAVE LATHAM	10/12/2000	1AUM748
	TRACTOR 4WD >50kW <60kW	98183	CASE CX 80 TRACTOR 4WD - 1BCU174	ALAN DOUST	3/12/2002	1BCU174
	TRACTOR 4WD >50kW <60kW	98017	CASE CX70 TRACTOR 2WD - 1AOA174	ALAN DOUST	12/10/1999	1AOA174
	TRACTOR 4WD >50kW <60kW	98102	MCCORMICK CX 4WD TRACTOR - 1BZS509	ALAN DOUST	7/11/2005	1BZS509
	TRACTOR 4WD >60kW <80kW	98013	CASE CX100 TRACTOR 4WD - 1AOA179	ALAN DOUST	12/10/1999	1AOA179
<b>TRAILER</b>	TRAILER BOX <750KG AGG	98194	NEIGHBOURHOOD WATCH BOX TRAILER (WAS 1TAE751) - NHW000	GRAEME HALL	7/01/1998	NHW000
	TRAILER BOX <750KG AGG	97112	TRAILER BOX WITH TOOL BOX - 1TFE078	BILL BETTS	25/06/2004	1TFE078
	TRAILER BOX <750KG AGG	98073	TRAILER BOX, 7X5, HYD BRAKES & TOOL BOX - 1TFD991	ANDREW O'FARRELL	18/06/2004	1TFD991
	TRAILER BOX >2000KG <3000KG AGG	98536	POLMAC LOW BED MOWER TRAILER - 1TAO067	ALAN DOUST	15/05/1998	1TAO067
	TRAILER BOX >750KG <2000KG AGG	98137	2 TONNE COLLECTION TRAILER - 1TCC592	ALAN DOUST	30/06/2000	1TCC592
	TRAILER BOX >750KG <2000KG AGG	98125	2 TONNE TANDEM TRAILER - MESH SIDES - 1TCE002	BILL EARNSHAW	30/06/2000	1TCE002
	TRAILER BOX >750KG <2000KG AGG	98124	2 TONNE TANDEM TRAILER - REAR MESH RAMP - 1TCE001	SAM DUINA	30/06/2000	1TCE001
	TRAILER BOX >750KG <2000KG AGG	98209	BOX TOP TRAILER - 1TCM066	DAVE LATHAM	15/01/2001	1TCM066
	TRAILER BOX >750KG <2000KG AGG	98210	BOX TOP TRAILER - 1TCM067	DAVE LATHAM	15/01/2001	1TCM067
	TRAILER BOX >750KG <2000KG AGG	98380	BOX TRAILER - WN28706	BILL EARNSHAW	28/05/1999	WN28706
	TRAILER BOX >750KG <2000KG AGG	98381	BOX TRAILER - WN28707	BILL EARNSHAW	28/05/1999	WN28707

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	TRAILER BOX >750KG <2000KG AGG	98387	BOX TRAILER - WN28710	BILL EARNSHAW	28/05/1999	WN28710
	TRAILER BOX >750KG <2000KG AGG	98847	NWE TANDEM TRAILER - WN30834	SAM DUINA	28/06/1996	WN30834
	TRAILER BOX >750KG <2000KG AGG	98182	SINGLE AXLE BOX TRAILER - 1TDJ508	BILL EARNSHAW	2/07/2002	1TDJ508
	TRAILER BOX >750KG <2000KG AGG	98079	SINGLE AXLE BOX TRAILER (WORK FOR THE DOLE) - 1TCE278	BILL BETTS	28/07/2000	1TCE278
	TRAILER BOX >750KG <2000KG AGG	98103	SINGLE AXLE BOX TRAILER FOR SPRAY UNIT 98045 - 1TCE279	DAVE LATHAM	28/07/2000	1TCE279
	TRAILER BOX >750KG <2000KG AGG	98216	TANDEM AXLE BOX TRAILER - 1TCM088	SAM DUINA	19/01/2001	1TCM088
	TRAILER BOX >750KG <2000KG AGG	98566	TANDEM AXLE TRAILER - 1TBJ551	BILL BETTS	19/07/1999	1TBJ551
	TRAILER BOX >750KG <2000KG AGG	98133	TRAILER 2 TONNE TANDEM WITH SIDE RAMPS - 1TCC590	SAM DUINA	30/06/2000	1TCC590
	TRAILER BOX >750KG <2000KG AGG	98076	TRAILER GRAFFITI, LOCKABLE, BOX - 1TFE302	SAM DUINA	18/06/2004	1TFE302
	TRAILER BOX >750KG <2000KG AGG	98176	TRAILER- MESH SIDES & RAMP - 1TDH510	SAM DUINA	16/01/2002	1TDH510
	TRAILER BOX >750KG <2000KG AGG	98177	TRAILER- SIDE RAMP & PARTITION - 1TDH508	SAM DUINA	16/01/2002	1TDH508
	TRAILER BOX >750KG <2000KG AGG	97138	TRAILER, 7X5 HEAVY DUTY, MESH FRONT & SIDES - 1TXF956	BILL BETTS	17/05/2005	1TXF956
	TRAILER BOX >750KG <2000KG AGG	98175	TRAILER-TAIL RAMP & PARTITIONS - 1TDH509	MARK SKROZA	16/01/2002	1TDH509
	TRAILER GRAFFITI	98890	GRAFFITI TRAILER - WN28637	SAM DUINA	28/08/1998	WN28637
	TRAILER MOWER >2000KG <3000KG AGG	98228	LOW BED MOWING TRAILER - 1TEI469	ALAN DOUST	6/04/2003	1TEI469
	TRAILER MOWER >2000KG <3000KG AGG	98110	LOW BED TANDEM MOWER TRANSPORT TRAILER - 1TCC310	ALAN DOUST	22/06/2000	1TCC310
	TRAILER MOWER >2000KG <3000KG AGG	98112	LOW BED TANDEM MOWER TRANSPORT TRAILER - 1TCC311	ALAN DOUST	22/06/2000	1TCC311
	TRAILER MOWER >2000KG <3000KG AGG	98114	LOW BED TANDEM MOWER TRANSPORT TRAILER - 1TCC312	ALAN DOUST	22/06/2000	1TCC312
	TRAILER MOWER >2000KG <3000KG AGG	98116	LOW BED TANDEM MOWER TRANSPORT TRAILER - 1TCC313	ALAN DOUST	22/06/2000	1TCC313
	TRAILER MOWER >2000KG <3000KG AGG	98413	LOW BED TRANSPORT TRAILER - WN28570	ALAN DOUST	5/04/1994	WN28570

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	TRAILER PLANT >2000KG <3000KG AGG	98887	SKID STEER PBB TRAILER TANDEM - WN28681	MARK SKROZA	22/05/1998	WN28681
	TRAILER PLANT >2000KG <3000KG AGG	98105	SKID STEER TRAILER - 1TCE245	SAM DUINA	25/08/2000	1TCE245
	TRAILER PLANT >2000KG <3000KG AGG	98107	SKID STEER TRAILER - 1TCE246	SAM DUINA	25/08/2000	1TCE246
	TRAILER PLANT >2000KG <3000KG AGG	98211	SKID STEER TRAILER - 1TCM050	MARK SKROZA	15/01/2001	1TCM050
	TRAILER PLANT >750KG <2000KG AGG	98047	TANDEM TRAILER - 1TBW867	DAVE LATHAM	2/11/2000	1TBW867
	TRAILER SPECIAL TRAFFIC	98106	SPEED INDICATOR TRAILER - 1TGM873	USHA PATEL	1/12/2006	1TGM873
	TRAILER SPECIAL TRAFFIC	98205	TRAILER WITH SP20 FLASHING ARROW BOARD - 1TCL135	ANDREW O'FARRELL	30/11/2000	1TCL135
	TRAILER TIPPING >2000KG <3000KG AGG	98138	3 TONNE TIPPING TRAILER - 1TCE003	BILL EARNSHAW	30/06/2000	1TCE003
	TRAILER VAN >1000KG	98213	SINGLE AXLE STORAGE TRAILER (CARPENTERS) - 1TCM051	WAYNE EVANGELISTA	1/10/2001	1TCM051
	TRAILER VAN >1000KG	98218	TRAILER-MOBILE BEACH PATROL	GRAEME HALL	16/01/2002	
<b>TRUCK</b>	TRUCK <4 TNNE	95098	ISUZU NPR300 CREW CAB WITH KEVREK CRANE 1000- 103COJ	SAM DUINA	18/12/2002	103COJ
	TRUCK <4 TNNE	95102	ISUZU NPR400 , 4 TONNE DUAL CAB - 106COJ	SAM DUINA	5/07/2003	106COJ
	TRUCK <4 TNNE	95191	ISUZU NPR400 MEDIUM TRAY WITH WATER TANK & PUMP - 1CBI298	SAM DUINA	21/09/2005	1CBI298
	TRUCK <4 TNNE	95085	MITSUBISHI CANTER TRUCK - 1BDI743	ANDREW O'FARRELL	5/03/2002	1BDI743
	TRUCK <4 TNNE EXTRA CAB	95073	MITSUBISHI CANTER 3.5 TONNE FE647EV LWB TRAY TOP - 1AZY493	SAM DUINA	10/03/2001	1AZY493
	TRUCK >4 TNNE <8 TNNE	95184	ISUZU NPR400 LWB TRAY TRUCK - 1CAA019	SAM DUINA	15/07/2005	1CAA019
	TRUCK >4 TNNE <8 TNNE	95186	ISUZU NPR400, EXTRA LONG TRAY, BORE TRUCK WITH KEVREK CRANE- 1CAH925	ANDREW O'FARRELL	18/07/2005	1CAH925
	TRUCK >4 TNNE <8 TNNE EVEVATING WORK PLATFORM	96010	MITSUBISHI FK618KJRFAC TRUCK & HYDRAULIC PLATFORM - 1BHJ122	BILL EARNSHAW	23/12/2002	1BHJ122
	TRUCK >4 TNNE <8 TNNE LOADING CRANE	96385	ISUZU FTS750 TRUCK TIP WITH HIAB - WN31078	BILL EARNSHAW	8/12/1997	WN31078
	TRUCK CREW CAB < 4 TNNE	95190	ISUZU NPR400 MEDIUM CREW CAB WITH TWO WAY TIPPER BODY &	DAVE LATHAM	29/08/2005	1CAX986

## City of Joondalup Community Emergency Management Arrangements – August 2006

			CRANE - 1CAX986			
	TRUCK CREW CAB >4 TNNE <8 TNNE	95187	ISUZU NPR400 LWB DUAL CAB WITH HIAB CRANE & TANK - 1BZX664	MARK SKROZA	8/02/2005	1BZX664
	TRUCK CREW CAB LOADING CRANE <4 TNNE	95190	ISUZU NPR400 MEDIUM CREW CAB WITH TWO WAY TIPPER BODY & CRANE - 1CAX986	DAVE LATHAM	29/08/2005	1CAX986
	TRUCK CREW CAB LOADING CRANE <4 TNNE	95157	ISUZU NPR400 TRAY TOP WITH KEVREK CRANE, TRAY 4.5M X 2.3M-1BNU980	DAVE LATHAM	4/04/2004	1BNU980
	TRUCK CREW CAB LOADING CRANE <4 TNNE	95111	MITSUBISHI FE659 FWSRFAB CANTER DUAL CAB WITH NEW KEVREK 1500 CRANE - 1BJN931	SAM DUINA	6/05/2003	1BJN931
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95194	ISUZU NPR400 CREWCAB WITH SIDELIFTER - 1CBX945	ALAN DOUST	11/04/2005	1CBX945
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95193	ISUZU NPR400 CREWCAB WITH SIDELIFTER - 1CCB812	ALAN DOUST	26/10/2005	1CCB812
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95195	ISUZU NPR400 CREWCAB WITH SIDELIFTER - 1CCK453	ALAN DOUST	16/11/2005	1CCK453
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95197	ISUZU NPR400 CREWCAB WITH SIDELIFTER - 1CCY173	ALAN DOUST	28/11/2005	1CCY173
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95196	ISUZU NPR400 CREWCAB WITH SIDELIFTER - 1CCY174	ALAN DOUST	28/11/2005	1CCY174
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95192	ISUZU NPR400 CREWCAB WITH SIDELIFTER - 1CBO779	ALAN DOUST	10/12/2005	1CBO779
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95183	ISUZU NPR400 MEDIUM STANDARD CAB WITH SIDELIFTER - 1BZG839	SAM DUINA	14/06/2005	1BZG839
	TRUCK CREW CAB LOADING PLATFORM <4 TNNE	95062	MITSUBISHI CANTER DUAL CAB TRAYTOP WITH SIDELIFTER - 1AYF605	ALAN DOUST	6/06/2001	1AYF605
	TRUCK REFUSE	96011	ISUZU FRR500 REFUSE TRUCK WITH MAC/JOHN 8CMTR REAR LOAD COMPACTOR - 1BYZ609	BILL EARNSHAW	7/01/2005	1BYZ609
	TRUCK ROAD PATCH >4 TNNE <8 TNNE	96009	MITSUBISHI CANTER FE659E6SRFAB FLOCON BODY 4 TONNE - 1BOI932	SAM DUINA	31/10/2003	1BOI932
	TRUCK TIPPER <4 TNNE	95090	ISUZU NPR400 4 MTR LONG TIPPER TRUCK - 1BZF720	DAVE LATHAM	2/05/2004	1BZF720
	TRUCK TIPPER <4 TNNE	95185	ISUZU NPR400 CREW CAB TIP TRUCK - 1BZZ176	DAVE LATHAM	7/08/2005	1BZZ176
	TRUCK TIPPER <4 TNNE	95120	ISUZU NPR400 DUAL CAB 4 TONNE TIPPER- 1BMN151	BILL EARNSHAW	20/02/2004	1BMN151

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	TRUCK TIPPER <4 TNNE	95153	ISUZU NPR400 MEDIUM 4 TONNE TIP TRUCK- 1BMN582	BILL EARNSHAW	15/03/2004	1BMN582
	TRUCK TIPPER >4 TNNE <8 TNNE	95049	MITSUBISHI CANTER FE647EV TIP TRUCK - 1AUB211	BILL EARNSHAW	13/11/2000	1AUB211
	TRUCK TIPPER >4 TNNE <8 TNNE	96005	MITSUBISHI FM658HV TRUCK TIP - 1AXX820	MARK SKROZA	30/04/2001	1AXX820
	TRUCK TIPPER >4 TNNE <8 TNNE	96041	MITSUBISHI FV547K2W FULL FORWARD CONTROL TANDEM 6 WL TIP TRUCK - WN31577	MARK SKROZA	21/10/1999	WN31577
	TRUCK TIPPER >8 TNNE <12 TNNE	96004	ISUZU FTS750 4WD TRUCK - 1AUI933	BILL EARNSHAW	16/11/2000	1AUI933
	TRUCK TIPPER >8 TNNE <12 TNNE	96012	ISUZU FVD 950 HD, 8 TONNE, TRUCK, AUTOMATIC WITH DROPSIDE TIPPER BODY - 1BYF967	SAM DUINA	6/06/2005	1BYF967
	TRUCK TIPPER >8 TNNE <12 TNNE	96013	ISUZU FVD 950 HD, 8 TONNE, TRUCK, AUTOMATIC WITH DROPSIDE TIPPER BODY - 1BYF968	MARK SKROZA	6/06/2005	1BYF968
	TRUCK TIPPER >8 TNNE <12 TNNE	96003	MITSUBISHI 2000 FM658HV TIP TRUCK - 1ATC495	SAM DUINA	9/08/2000	1ATC495
	TRUCK WATER >8 TNNE <12 TNNE	96001	MITSUBISHI FIGHTER FM658HV WATER CART - 1ARD034	MARK SKROZA	4/11/2000	1ARD034
	TRUCK WATER >8 TNNE <12 TNNE	96008	MITSUBISHI FM658H RFAC WATER TRUCK - 1BED025	BILL EARNSHAW	18/06/2002	1BED025
	TRUCK WATER >8 TNNE <12 TNNE	96006	MITSUBISHI FM658HV 8 TONNE WATER TRUCK - 1AYF429	DAVE LATHAM	31/05/2001	1AYF429
	TRUCK WATER >8 TNNE <12 TNNE	96007	MITSUBISHI FM658HV TRAY TOP WATER TRUCK - 1AYF820	BILL EARNSHAW	6/12/2001	1AYF820
<b>UTE</b>	UTILITY 2WD EXTENDED CAB >750KG <1500KG	95107	TOTOTA HILUX 2WD EXTENDED CAB - 99COJ	DAVE LATHAM	20/05/2003	99COJ
	UTILITY 2WD EXTENDED CAB >750KG <1500KG	95108	TOTOTA HILUX 2WD EXTENDED CAB (RETICULATION) - 94COJ	ANDREW O'FARRELL	20/05/2003	94COJ
	UTILITY 2WD EXTENDED CAB >750KG <1500KG	95104	TOYOTA HILUX 2WD DUAL CAB, ALUMINIUM TRAY - 108COJ	DAVE LATHAM	5/07/2003	108COJ
	UTILITY 2WD EXTENDED CAB >750KG <1500KG	95103	TOYOTA HILUX 2WD DUAL CAB, ALUMINIUM TRAY - 25COJ	BILL EARNSHAW	5/07/2003	25COJ
	UTILITY 2WD EXTENDED CAB >750KG <1500KG	95105	TOYOTA HILUX 2WD DUAL CAB, ALUMINIUM TRAY - 29COJ	BILL EARNSHAW	5/07/2003	29COJ
	UTILITY 2WD EXTENDED CAB >750KG <1500KG	95106	TOYOTA HILUX 2WD DUAL CAB, ALUMINIUM TRAY - 83COJ	BILL EARNSHAW	5/07/2003	83COJ
	UTILITY 2WD <750KG	95172	FORD BA FALCON UTILITY - 198COJ	STEVE SULLIVAN	12/09/2004	198COJ

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	UTILITY 2WD <750KG	95173	FORD BA FALCON UTILITY - 68COJ	VIC ETHERINGTON	12/09/2004	68COJ
	UTILITY 2WD <750KG	95176	FORD BA FALCON UTILITY, AUTOMATIC, GAS - 149COJ	PETER PIKOR	22/12/2004	149COJ
	UTILITY 2WD <750KG	95174	FORD BA FALCON UTILITY, AUTOMATIC, GAS - 65COJ	GRAEME CATCHPOLE	14/12/2004	65COJ
	UTILITY 2WD <750KG	95175	FORD BA FALCON UTILITY, AUTOMATIC, GAS (RANGERS) - 45COJ	PETER DUNN	23/12/2004	45COJ
	UTILITY 2WD <750KG	95122	FORD BA FALCON XL WELL BODY UTILITY, GAS- 54COJ	DENNIS CLUNING	3/08/2004	54COJ
	UTILITY 2WD <750KG	95160	FORD BA FALCON XT GAS UTILITY - 22COJ	WAYNE EVANGELISTA	26/05/2004	22COJ
	UTILITY 2WD <750KG	95121	FORD BA FALCON XT WELL BODY UTILITY, GAS- 1BMK526	DENNIS CLUNING	3/08/2004	1BMK526
	UTILITY 2WD <750KG	95170	FORD FALCON BA MKII GAS UTILITY - 61COJ	ALISON EDMUNDS	16/11/2004	61COJ
	UTILITY 2WD <750KG	95171	FORD FALCON BA MKII GAS UTILITY- 75COJ	DENNIS CLUNING	16/11/2004	75COJ
	UTILITY 2WD <750KG	95182	FORD FALCON GAS, AUTOMATIC, UTILITY - 64COJ	PETER PIKOR	5/11/2005	64COJ
	UTILITY 2WD <750KG	95091	FORD FALCON UTILITY WITH DEDICATED GAS - 84COJ	DENNIS CLUNING	9/04/2002	84COJ
	UTILITY 2WD <750KG	95082	FORD FALCON UTILITY WITH DEDICATED GAS - 95COJ	VIC ETHERINGTON	21/03/2002	95COJ
	UTILITY 2WD <750KG	95033	HOLDEN COMMODORE UTILITY VSII 3.8 LTR - 63COJ	DENNIS CLUNING	21/07/2000	63COJ
	UTILITY 2WD <750KG	95097	HOLDEN COMMODORE VY UTILITY - 36COJ	DENNIS CLUNING	13/12/2002	36COJ
	UTILITY 2WD <750KG	95100	HOLDEN COMMODORE VY UTILITY - 50COJ	DENNIS CLUNING	14/04/2003	50COJ
	UTILITY 2WD <750KG	95109	HOLDEN COMMODORE VY UTILITY - 77COJ	PETER PIKOR	23/05/2003	77COJ
	UTILITY 2WD >75KG <1500KG	95110	MITSUBISHI TRITON 2WD - MANUAL - 57COJ	ALAN DOUST	26/05/2003	57COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95163	HOLDEN CREWMAN VY WITH FIBREGLASS CANOPY (RANGERS) - 82COJ	PAUL HROVATIN	30/06/2004	82COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95164	HOLDEN CREWMAN VY WITH FIBREGLASS CANOPY, AUTOMATIC (RANGERS) - 1BRR559	PETER PIKOR	8/05/2004	1BRR559

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	UTILITY 2WD DUAL CAB >750KG <1500KG )	95156	HOLDEN CREWMAN VY WITH FIBREGLASS CANOPY, AUTOMATIC (RANGERS) - 59COJ	PAUL HROVATIN	31/03/2004	59COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95155	HOLDEN CREWMAN WITH FIBREGLASS LID, AUTOMATIC - 20COJ	ALISON EDMUNDS	18/03/2004	20COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95198	HOLDEN CREWMAN, AUTOMATIC WITH FIBREGLASS CANOPY (RANGERS) - 1CDB601	PAUL HROVATIN	21/12/2005	1CDB601
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95169	HOLDEN VZ CREWMAN WITH FIBREGLASS CANOPY (RANGERS) - 23COJ	PAUL HROVATIN	16/11/2004	23COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95101	MITSUBISHI TRITON 2WD DUAL CAB - 107COJ	DENNIS CLUNING	5/05/2003	107COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95117	MITSUBISHI TRITON HIGH RISE 2WD AUTOMATIC DUAL CAB- 1BOK578	PETER PIKOR	2/11/2004	1BOK578
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95114	TOYOTA HILUX 2.7LT DUAL CAB 2WD - 1BJY948	DENNIS CLUNING	30/06/2003	1BJY948
	UTILITY 2WD DUAL CAB >750KG <1500KG )	95113	TOYOTA HILUX 2.7LT DUAL CAB 2WD - 1BKB530	PETER PIKOR	30/06/2003	1BKB530
	UTILITY 2WD DUAL CAB >750KG <1500KG	95155	HOLDEN CREWMAN WITH FIBREGLASS LID, AUTOMATIC - 20COJ	ALISON EDMUNDS	18/03/2004	20COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG	95166	MITSUBISHI TRITON 4X2 WITH ALUMINIUM TRAY - 79COJ	BILL EARNSHAW	10/12/2004	79COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG	95118	TOYOTA HILUX 2WD DUAL CAB, ALLOY TRAY- 1BPS387	BILL EARNSHAW	13/02/2004	1BPS387
	UTILITY 2WD DUAL CAB >750KG <1500KG	95112	TOYOTA HILUX 4X2 DUAL CAB UTILITY WITH WELL BODY - 41COJ	ANDREW O'FARRELL	6/10/2003	41COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG	95119	TOYOTA HILUX 4X2 DUAL CAB WITH WELL BODY - 1BPS386	SAM DUINA	13/02/2004	1BPS386
	UTILITY 2WD DUAL CAB >750KG <1500KG	95057	TOYOTA HILUX 4X2 DUAL CAB WITH WELL BODY - 32COJ	BILL EARNSHAW	2/03/2004	32COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG	95044	TOYOTA HILUX 4X2 DUAL CAB WITH WELL BODY - 48COJ	MARK SKROZA	2/03/2004	48COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG	95161	TOYOTA HILUX 4X2 DUAL CAB, MANUAL UTILITY WITH EXTRA WIDE TRAY - 53COJ	DAVE LATHAM	15/06/2004	53COJ
	UTILITY 2WD DUAL CAB >750KG <1500KG	95167	TOYOTA HILUX DUAL CAB, 4X2, WELL BODY - 62COJ	DAVE LATHAM	21/10/2004	62COJ
	UTILITY 4WD >750KG <1500KG	95180	FORD COURIER, 4X4, DIESEL UTILITY - 90COJ	SAM DUINA	18/03/2005	90COJ

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	UTILITY 4WD DUAL CAB >750KG <1500KG	95179	HOLDEN LT 4X4 CREWCAB RODEO, AUTOMATIC WITH FIBREGLASS CANOPY - 1BXD827	CEO	3/02/2005	1BXD827
	UTILITY 4WD DUAL CAB >750KG <1500KG	95154	HOLDEN RODEO 4X4 DUAL CAB AUTOMATIC WITH CANOPY- 60COJ	PETER PIKOR	16/03/2004	60COJ
	UTILITY 4WD DUAL CAB >750KG <1500KG	95123	HOLDEN RODEO RA 4X4 DUAL CAB WITH CANOPY, MANUAL- 78COJ	DENNIS CLUNING	3/10/2004	78COJ
	UTILITY 4WD DUAL CAB >750KG <1500KG	95159	TOYOTA HILUX 4WD DUAL CAB, WITH CANOPY- 67COJ	DENNIS CLUNING	5/11/2004	67COJ
	UTILITY 4WD DUAL CAB >750KG <1500KG	95178	TOYOTA HILUX 4X4 DUAL CAB, AUTOMATIC (RANGERS) - 66COJ	PAUL HROVATIN	2/01/2005	66COJ
	UTILITY 4WD DUAL CAB >750KG <1500KG	95177	TOYOTA HILUX 4X4 DUAL CAB, AUTOMATIC- 74COJ	PETER PIKOR	2/01/2005	74COJ
	UTILITY 4WD DUAL CAB >750KG <1500KG	95099	TOYOTA HILUX DUAL CAB 4X4 - 104COJ	PETER PIKOR	4/03/2003	104COJ
	UTILITY 4WD DUAL CAB >750KG <1500KG	95095	FORD COURIER UTILITY DUAL CAB 4X4 - 101COJ	SAM DUINA	10/01/2002	101COJ
	UTILITY 4WD DUAL CAB >750KG <1500KG	95094	FORD COURIER UTILITY DUAL CAB 4X4 - 98COJ	SAM DUINA	10/01/2002	98COJ
<b>VAN</b>	VAN <1 TNNE PAYLOAD	95081	MITSUBISHI EXPRESS VAN SWB - 1BDB684	NINA MEEHAN	4/04/2002	1BDB684
	VAN <1 TNNE PAYLOAD	95168	MITSUBISHI EXPRESS VAN, 2 SLIDING DOORS, BOOKS ON WHEELS - 21COJ	REBECCA MOORE	15/11/2004	21COJ
	VAN <1 TNNE PAYLOAD	95080	MITSUBISHI SJ SWB EXPRESS VAN (CLEANERS) - 1BDA319	NINA MEEHAN	26/03/2002	1BDA319
	VAN <1 TNNE PAYLOAD	95005	TOYOTA HIACE CLEANERS SWB VAN - 123COJ	NINA MEEHAN	9/09/2003	123COJ
	VAN <1 TNNE PAYLOAD	95012	TOYOTA HIACE CLEANERS SWB VAN - 27COJ	NINA MEEHAN	10/09/2003	27COJ
	VAN <1 TNNE PAYLOAD	95011	TOYOTA HIACE CLEANERS SWB VAN- 26COJ	NINA MEEHAN	10/09/2003	26COJ
	VAN <1 TNNE PAYLOAD	95189	TOYOTA HIACE LWB AUTOMATIC VAN (PARKS JLP) - 1CAU142	DAVE LATHAM	26/08/2005	1CAU142
	VAN <1 TNNE PAYLOAD	95030	TOYOTA HIACE LWB CARPENTERS VAN- 39COJ	WAYNE EVANGELISTA	10/09/2003	39COJ
	VAN <1 TNNE PAYLOAD	95013	TOYOTA HIACE LWB CARPENTERS VAN-37COJ	WAYNE EVANGELISTA	10/09/2003	37COJ
	VAN <1 TNNE PAYLOAD	95188	TOYOTA HIACE LWB MANUAL VAN (CLEANERS) - 1CAU141	NINA MEEHAN	26/08/2005	1CAU141
	VAN <1 TNNE PAYLOAD	95010	TOYOTA HIACE LWB RETIC VAN -	ANDREW	9/09/2003	34COJ

City of Joondalup Community Emergency Management Arrangements – August 2006

			34COJ	O'FARRELL		
	VAN <1 TNNE PAYLOAD	95007	TOYOTA HIACE LWB RETIC VAN - 58COJ	ANDREW O'FARRELL	9/09/2003	58COJ
	VAN <1 TNNE PAYLOAD	95006	TOYOTA HIACE LWB RETIC VAN - 88COJ	ANDREW O'FARRELL	9/09/2003	88COJ
	VAN <1 TNNE PAYLOAD	95092	TOYOTA HIACE LWB RETIC VAN - 97COJ	ANDREW O'FARRELL	19/09/2002	97COJ
	VAN <1 TNNE PAYLOAD	95077	TOYOTA HIACE LWB RETICULATION VAN - 55COJ	ANDREW O'FARRELL	2/05/2004	55COJ
	VAN <1 TNNE PAYLOAD	95116	TOYOTA HIACE LWB RETICULATION VAN- 43COJ	ANDREW O'FARRELL	2/05/2004	43COJ
	VAN <1 TNNE PAYLOAD	95083	TOYOTA HIACE LWB RETICULATION VAN- 56COJ	ANDREW O'FARRELL	2/05/2004	56COJ
	VAN <1 TNNE PAYLOAD	95158	TOYOTA HIACE LWB RETICULATION VAN- 76COJ	ANDREW O'FARRELL	5/03/2004	76COJ
	VAN <1 TNNE PAYLOAD	95115	TOYOTA HIACE LWB RETICULATION VAN- 80COJ	ANDREW O'FARRELL	2/05/2004	80COJ
	VAN <1 TNNE PAYLOAD	95084	TOYOTA HIACE LWB VAN CARPENTERS - 1BCR118	WAYNE EVANGELISTA	21/03/2002	1BCR118
	VAN <1 TNNE PAYLOAD	95004	TOYOTA HIACE SWB CLEANERS VAN - 24COJ	NINA MEEHAN	9/09/2003	24COJ
	VAN <1 TNNE PAYLOAD	95015	TOYOTA HIACE SWB CLEANERS VAN- 31COJ	NINA MEEHAN	10/09/2003	31COJ
	VAN <1 TNNE PAYLOAD	95165	TOYOTA HIACE SWB VAN (CLEANERS) MANUAL 5 SPEED - 51COJ	NINA MEEHAN	28/09/2004	51COJ
	VAN <1 TNNE PAYLOAD	95009	TOYOYA HIACE LWB RETIC VAN - 87COJ	ANDREW O'FARRELL	9/09/2003	87COJ
	VAN >1 TNNE PAYLOAD	95181	FORD VJ TRANSIT, LWB, AUTOMATIC, HIGH ROOF VAN - 81COJ	REBECCA MOORE	21/04/2005	81COJ

(COJ Emergency Assets Register – updated May 2006)

## **PART 9: EMERGENCY RISK MANAGEMENT**

### **Introduction**

Western Australia is a diverse state that presents a variety of hazards and risks that differ from one local government area to another. As per the Emergency Management Act 2005 - Section 36(a), it is a function of Local Government to ensure that effective local emergency management arrangements are prepared and maintained to deal with hazards and risks that their communities face.

The ERM process forms the foundation of local emergency management arrangements. The ERM process supports the negotiation and development of shared responsibilities necessary for the establishment of effective arrangements.

In establishing and testing effective local emergency management arrangements and undertaking the ERM process the COW and COJ, in collaboration with their LEMC, have worked comprehensively in partnership with the community.

### **ERM Committee**

The COW/COJ LEMC formed an ERM sub-committee and funding was accessed through FESA's AWARE (All West Australians Reducing Emergencies) Program. This resulted in a joint initiative known as the COW/COJ AWARE Project and the committee engaging a Project Coordinator for the undertaking of the ERM process.

The core members of the COW/COJ AWARE Project Committee are as follows.

- Manager Operations Services (Chairman) – COJ
- Senior Ranger, Ranger Services - COJ
- Manager Technical Services – COW
- Manager Ranger and Safety Services – COW
- Local Emergency Coordinator (& Chairman of the LEMC) – WA Police

Note: Temporary committee members are co-opted as required in alignment with the Project's objectives and tasks.

### **9.1 COW/COJ AWARE PROJECT**

The aim of the COW/COJ AWARE Project is, "To communicate and consult with the local community in order to raise awareness and obtain hazard information with regard to the formulation of risk treatment strategies and incorporation into the Local Emergency Management Plans of the COW and COJ".

In creating a safer community and improving local ERM the objectives of the COW/COJ AWARE Project also include:

- Identify and develop current and future ERM leaders and ensure ongoing support within the community.
- Enhance ERM skills and understanding.
- Identify opportunities and implement ERM strategies.
- Increase community awareness, involvement and ownership in ERM arrangements.

- Encourage the integration of ERM as part of community culture.

### The ERM Process

The ERM process, as undertaken in the COW/COJ AWARE Project, was jointly developed by FESA and WALGA (Western Australian Local Government Association). It is based on the Australian and New Zealand Risk Management Standards AS/NZS 4360:2004.

The model below has been taken from the Western Australian Emergency Risk Management Guide (July 2005).

### Main Elements of the Emergency Risk Management (ERM) Process

There are five (5) main steps in the ERM process (see Figure 1):

1. **Establish the context:** Identify strategic and community issues that may apply to the emergency risk management process. Develop the project management plan and initial risk evaluation criteria.
2. **Identify risks:** Identify and describe the nature of the hazards, community and environment. Examine vulnerabilities of the community and environment and identify the risks that the community is facing.
3. **Analyse risks:** Examine the risks for their likelihood and consequences and assign the levels of risk.
4. **Evaluate risks:** Compare the risks with the risk evaluation criteria (adjust where necessary), and rank the risks in order of priority for treatment.
5. **Treat risks:** Select and implement appropriate treatments for dealing with risks.

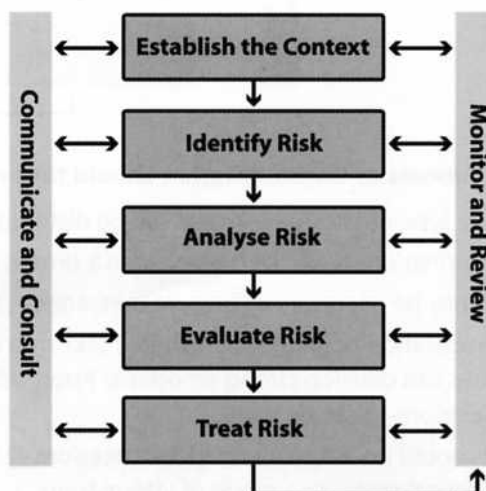


Figure 1—Main Elements of the Emergency Risk Management Process

The ERM process, under the direction of the COW/COJ AWARE Project Committee, has been undertaken in three stages and aligned to specific phases.

- Stage 1:  
January 2003 to December 2003 - Establish the Context & Identify Risk
- Stage 2:  
January 2004 to December 2004 – Analyse Risk & Evaluate Risk
- Stage 3:  
January 2005 to December 2005 – Treat Risk

## **Documentation**

As part of the ERM process a number of key documents have been developed to assist in the identification of risks and hazards faced by the COW/COJ community. Documents that can be produced as a result of undertaking the ERM process include the following.

- Project Management Plans (for stages 1, 2 & 3)
- Risk Identification Matrix
- Risk Register (Refer to 9.2)
- Risk Treatment Schedules
- Risk Treatment Plans (Refer to 9.3)
- Emergency Risk Management Reports

Note: For information on the ERM process in application to the COW/COJ community or the COW/COJ AWARE Project please contact the City of Joondalup Administration Centre.

## 9.2 RISK REGISTER – NOVEMBER 2005

City of Wanneroo/City of Joondalup AWARE Project Risk Register – November 2005				
Risk Statement	Likelihood Rating	Consequence Rating	Level of Risk	Risk Priority
1. There is a risk that <b>bush fire</b> will cause loss of life and or injury to the general public.	C	4	E	1
2. There is a risk that <b>structure fire</b> will cause loss of life and or injury to the general public.	B	4	E	1
3. There is a risk that <b>storms</b> will cause injury or loss of life to the general public.	C	4	E	1
4. There is a risk that a <b>chemical incident</b> will cause injury and or loss of life to the general public.	C	4	E	1
5. There is a risk that a <b>marine transport incident</b> will cause injury and or loss of life to residents involved in a marine accident.	C	4	E	1
6. There is a risk that a <b>train derailment</b> will cause injury and loss of life to passengers and the public	C	5	E	1
7. There is a risk that a <b>human epidemic</b> will cause injury and or loss of life to the general public.	D	5	E	1

Legend			
Likelihood	Consequence	Level of risk	Risk Priority
A – almost certain	1 – insignificant	L - low	1 - people
B – likely	2 – minor	M – moderate	2 - lifelines
C – possible	3 – moderate	H – high	3 - infrastructure
D – unlikely	4 – major	E – extreme	4 - economy
E - rare	5 - catastrophic		5 - environment
			6 - social
			7 - heritage

*A Joint City of Wanneroo/City of Joondalup Project*



## **City of Wanneroo / City of Joondalup AWARE Project – Stage 3**

### **9.3 EMERGENCY RISK MANAGEMENT - TREATMENT PLANS December 2005**



RISK TREATMENT – PLAN						
Hazard: Bushfire	Risk Statement: There is a risk that bushfire will cause loss of life and or injury to the general public.				Reference No: 001	
	Likelihood: possible	Consequence: major	Level of Risk: extreme	Risk Priority: level 1	Date Compiled: 07/12/2005	
<b>Vulnerability Data:</b>  The COW/COJ Community includes areas of rural-urban interface that are noticeably more vulnerable, comprising <i>aged care facilities, education facilities, caravan parks</i> , residences, market gardens, hobby farms and various businesses. Other vulnerable areas include natural bush land, pine plantations, state forests, national and regional parks. Also all households in developed areas adjacent to urban bushland.  Special needs groups include – the young (0-5 years), the aged (65 years & over), certain ethnic groups, cultural groups, disabled persons and persons with respiratory conditions (i.e. allergies, asthma).  COJ vulnerable locations include – Kinross, Burns Beach, Hepburn Heights/Padbury, residents adjacent to Pinaroo Memorial Park, Craigie Open Space and bush forever areas. Due to rapid development, there is only urban type bush land remaining within the COJ.  COW vulnerable locations include – Yanchep, Two Rocks, Carabooda, Carramar, Butler, Banksia Grove, Flynn Drive Industrial Area, Barbagallo Raceway, Club Capricorn, Neerabup, Gnangara, Koondoola, Alexandra Heights, Ridgewood, Merriwa, Nowergup, Edlington, Landsdale, Jandabup, Mariginup and bush forever areas.						
Risk Treatment Strategies	Action Priority	Responsible Agency(s)	Implementation Data	Implementation Timeframe	Budget Considerations	Monitor & Review
1. Review formerly the existing community education programs on bushfire and report outcomes.	1*	COW, COJ	Undertaken by the Project Coordinator in liaison with relevant stakeholders (FESA, CALM). Report, including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 2 months	Relatively minimal cost. Includes hours worked and administration.	Monthly reports & Committee Meetings. Utilise report for annual initiatives.

City of Joondalup Community Emergency Management Arrangements – August 2006

2. Conduct community surveys of areas at high risk to bushfire and obtain existing perception and expectations.	1*	COW, COJ	Coordinated by the Project Coordinator in consultation with relevant stakeholders. Report to be disseminated to all agencies involved and LEMC.	Approximately 3 months	Relatively low cost. Includes hours worked, administration, printing and copying etc.	Monthly reports & Committee Meetings. Refer to results for future consultation.
3. Conduct an emergency management exercise on bushfire to test existing arrangements.	2	COW, COJ LEMC	Undertaken by a working group of the COW/COJ LEMC. Discussion type. Report including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 3 months (comprising periodic planning meetings)	Relatively low cost. Includes hours worked afforded by LEMC members and Project Coordinator.	Post exercise debrief and analysis. Identify gaps and initiate appropriate action.
4. Establish and monitor fuel loads (combustible vegetation) on government managed land subject to bushfire.	3	COW, FESA BFS, Wanneroo Volunteer BFB.	Coordinated by the Project Coordinator in cooperation with and undertaken by FESA BFS & WVBFB.	Approximately 6 months (plus annual maintenance)	TBA New methods currently being developed.	Monthly reports & Committee Meetings. Utilise information in risk analysis.

\* Action simultaneously.

Implementation Approval					
Agency	Item(s)	Approved By (Print)	Position	Signature	Date
City of Wanneroo					
City of Joondalup					
COW/COJ LEMC					
FESA Bush Fire Service					
Wanneroo VBFB					

RISK TREATMENT – PLAN						
Hazard: Structural Fire	Risk Statement: There is a risk that structure fire will cause loss of life and or injury to the general public.				Reference No: 002	
	Likelihood: likely	Consequence: major	Level of Risk: extreme	Risk Priority: level 1	Date Compiled: 07/12/2005	
<b>Vulnerability Data:</b>  Members of the general public in the COW/COJ Community that are noticeably more vulnerable to structural fire include special needs groups such as the young (0-5 years), the aged (65 years and over), sick, injured, disabled, certain cultural and ethnic groups.  Those who reside in or frequent shopping Centres, hospitals, older buildings and buildings of wooden construction including <i>aged care facilities, education facilities and caravan park</i> are also more vulnerable. Urban developments near to bushland are also noticeably more vulnerable,						
Risk Treatment Strategies	Action Priority	Responsible Agency(s)	Implementation Data	Implementation Timeframe	Budget Considerations	Monitor & Review
1. Identify high-risk households within the community. Initiate the review of existing Emergency Management Plans in relation to fire and evacuation, where necessary.	1	COW, COJ	Undertaken by the Project Coordinator in liaison with FESA FRS. Will include the formulation of lists comprising households at high risk to structure fire and formal correspondence regarding EMPs.	Approximately 3 months	<u>Relatively low cost.</u> Includes hours worked and administration.	Monthly reports & Committee Meetings. Obtain copy of completed plans.
2. Coordinate the physical inspection and evaluation of households at high risk to structure fire, including in-house equipment.	2*	COW, COJ, FESA FRS	Coordinated by the Project Coordinator in collaboration with FESA FRS. Prior authorisation and an agreed schedule between the parties concerned may be required.	Approximately 4 months	<u>Relatively low cost.</u> Includes hours worked and administration.	Monthly reports & Committee Meetings. Record outcomes.
3. Coordinate an emergency management awareness education program on structural fire for local high-risk householders.	2*	COW, COJ	Undertaken by the Project Coordinator who will collate and communicate information on structure fire to the management of local high-risk householders.	Approximately 2 months	<u>Relatively low cost.</u> Includes hours worked, administration and copying.	Monthly reports & Committee Meetings. Record initiatives for future reference.

City of Joondalup Community Emergency Management Arrangements – August 2006

4. Review of fire emergency infrastructure and resources in relation to high risk and new development (especially in COW north).	3	COW, COJ, FESA FRS	Undertaken by the Project Coordinator in liaison with FESA as new facilities have been proposed. Copy of report to COW, COJ, COW/COJ LEMC.	Approximately 1 month	Relatively minimal cost. Includes hours worked and administration.	Monthly reports & Committee Meetings. Review progress annually.
5. Coordinate the development and implementation of an Emergency Management Plan & Recovery Plan Guide for households at high risk to structure fire.	4	COW, COJ	Coordinated by the Project Coordinator who may require external consultation to formulate an appropriate EMP guide for distribution to high-risk households.	Approximately 3 months	Relatively low to moderate cost. Includes hours worked, possible consultant fee and administration.	Monthly reports & Committee Meetings. Obtain copy of completed plans.
6. Coordinate and support the participation of local caravan parks with the Caravan Industry of Australia (WA) – national accreditation program in relation to fire safety.	5	COW, COJ	Initiated by the Project Coordinator directly with the management of local caravan parks, in consultation with the CIA.	Approximately 1 month	Relatively minimal cost. Hours worked and administration.	Monthly reports & Committee Meetings. Review membership annually.
7. Conduct an emergency management exercise on structural fire with a priority high-risk household(s).	6	COW, COJ, COW/COJ LEMC	Undertaken by a working group of the COW/COJ LEMC. Discussion type. Report including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 3 months (comprising periodic planning meetings)	Relatively low cost. Hours worked afforded by LEMC members and Project Coordinator.	Post exercise debrief and analysis. Identify gaps and initiate appropriate action.

\* Action simultaneously.

IMPLEMENTATION APPROVAL					
Agency	Item(s)	Approved By (Print)	Position	Signature	Date
City of Wanneroo					
City of Joondalup					
COW/COJ LEMC					
FESA FRS					

RISK TREATMENT – PLAN						
Hazard: Severe Storm	Risk Statement: There is a risk that storms will cause injury or loss of life to the general public.				Reference No: 003	
	Likelihood: possible	Consequence: major	Level of Risk: extreme	Risk Priority: level 1	Date Compiled: 07/12/2005	
<b>Vulnerability Data:</b>  Vulnerable households include <i>aged care facilities, education facilities and caravan parks</i> . The COW/COJ Community comprises general public that are noticeably more vulnerable including special needs groups such as the young (0-5 years), the aged (65 years and over), certain ethnic groups, cultural groups, sick, injured and disabled persons. Also general public residing in or frequenting areas located near to the coastline (i.e. housing, businesses, marina’s,) are also more vulnerable. Note: All residents of the COW/COJ community should be aware of this risk, as mini tornados have been known to cause devastation among inland areas as well.						
Risk Treatment Strategies	Action Priority	Responsible Agency(s)	Implementation Data	Implementation Timeframe	Budget Considerations	Monitor & Review
1. Identify high-risk households within the community. Initiate the review of existing Emergency Management Plans in relation to severe storm and evacuation where necessary.	1	COW, COJ, FESA SES	Undertaken by the Project Coordinator in liaison with FESA SES. Will include the formulation of lists comprising households at high risk to severe storm and formal correspondence regarding EMPs.	Approximately 3 months	Relatively low cost. Includes hours worked and administration.	Monthly reports & Committee Meetings. Obtain copy of completed plans.
2. Review formerly the existing community education programs on severe storm and report outcomes.	2	COW, COJ	Undertaken by the Project Coordinator in collaboration with relevant stakeholders (i.e. FESA SES). Report, including recommendations to be disseminated accordingly.	Approximately 1 month	Relatively minimal cost. Includes hours worked and administration.	Monthly reports & Committee Meetings. Utilise report for annual initiatives.

3. Coordinate an emergency management awareness education program on severe storm for local high-risk householders.	3	COW, COJ	Undertaken by the Project Coordinator who will collate and communicate information on severe storms to of local high-risk householders.	Approximately 1 month	Relatively low cost. Includes hours worked afforded by LEMC members and Project Coordinator.	Monthly reports & Committee Meetings. Record initiatives for future reference.
4. Coordinate an MOU between aged care service providers in relation to severe storms, considering practical support and resource sharing.	4	COW, COJ, COW/COJ LEMC	Coordinated by the Project Coordinator in consultation with local stakeholders. Will comprise liaison with City of Bayswater / City of Stirling regarding their existing model and the comprehensive consultation process that was utilised.	Approximately 3 months	<u>Relatively low cost.</u> Includes hours worked and administration.	Monthly reports & Committee Meetings. Exercise the MOU to test capabilities.
5. Conduct an emergency management exercise on severe storm with a priority high-risk household(s).	5	COW, COJ, COW/COJ LEMC	Undertaken by a working group of the COW/COJ LEMC. Discussion type. Report including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 3 months (comprising periodic planning meetings)	Relatively low cost. Hours worked afforded by LEMC members and Project Coordinator.	Post exercise debrief and analysis. Identify gaps and initiate appropriate action.

\* Action simultaneously.

IMPLEMENTATION APPROVAL					
Agency	Item(s)	Approved By (Print)	Position	Signature	Date
City of Wanneroo					
City of Joondalup					
COW/COJ LEMC					
FESA SES					

RISK TREATMENT – PLAN						
Hazard: Hazardous Materials	Risk Statement: There is a risk that a chemical incident will cause injury and or loss of life to the general public.					Reference No: 004
	Likelihood: possible	Consequence: major	Level of Risk: extreme	Risk Priority: level 1	Date Compiled: 07/12/2005	
Vulnerability Data:  Vulnerable households include <i>shopping centres and retail outlets</i> . The COW/COJ Community includes industrial and commercial sites where chemicals are stored and used. Chemicals are also transported via road. The general public that are noticeably more vulnerable includes special needs groups such as chemical hypersensitive persons, the young (0-5 years), the aged (65 years and over), sick, injured, disabled, certain cultural and ethnic groups. General public located in or adjacent to industrial and commercial sites.						
Risk Treatment Strategies	Action Priority	Responsible Agency(s)	Implementation Data	Implementation Timeframe	Budget Considerations	Monitor & Review
1. Identify high-risk households within the community. Initiate the review of existing Emergency Management Plans in relation to chemical incident and evacuation, where necessary.	1	COW, COJ, FESA FRS	Undertaken by the Project Coordinator in liaison with FESA FRS. Will include the formulation of lists comprising households at high risk to chemical incident and formal correspondence regarding EMPs.	Approximately 3 months	<u>Relatively low cost.</u> Includes hours worked and administration.	Monthly reports & Committee Meetings. Obtain copy of completed plans.
2. Establish a requirement for a health and environmental assessment for developments at the application stage in relation to hazmat safety. (Incorporate into the Town Planning Scheme).	2	COW/COJ	Coordinated by the Project Coordinator in cooperation with the management of both cities and appropriate Council Planning Officers.	Approximately 3 months	<u>Relatively low cost.</u> Includes hours worked and administration.	Monthly reports & Committee Meetings. Review annual totals.

City of Joondalup Community Emergency Management Arrangements – August 2006

3. Review the capability to access drainage system plans in the event of a chemical incident. Consider the storage and dissemination of the information on CD.	3	COW, COJ	Undertaken by the Project Coordinator in liaison with FESA FRS who will develop and establish optimum accessibility, and determine the feasibility of the information being placed on CD.	Approximately 2 months	Relatively moderate cost to establish, low cost to maintain. Includes software, hardware, hours worked and administration.	Monthly reports & Committee Meetings. Review with organisational EM Plans.
4. Conduct a community awareness program on hazmat safety targeting the commercial sector.	4	COW, COJ	Undertaken by the Project Coordinator in liaison with FESA FRS, collate and communicate information on hazmat management.	Approximately 2 months	Relatively low cost. Includes hours worked, copying and administration.	Monthly reports & Committee Meetings.
5. Coordinate an emergency management awareness education program for local householders at high risk to chemical incident.	5	COW, COJ	Undertaken by the Project Coordinator in cooperation with FESA FRS, who will collate and communicate information on hazmat safety to the management of local householders at high risk.	Approximately 1 month	Relatively low cost. Includes hours worked, copying and administration.	Monthly reports & Committee Meetings. Record initiatives for future reference.
6. Conduct an emergency management exercise on chemical incident with a priority high-risk household(s).	6	COW, COJ, COW/COJ LEMC	Undertaken by a working group of the COW/COJ LEMC. Discussion type. Report including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 3 months (comprising periodic planning meetings)	Relatively low cost. Hours worked afforded by LEMC members and Project Coordinator.	Post exercise debrief and analysis. Identify gaps and initiate appropriate action.

\* Action simultaneously.

IMPLEMENTATION APPROVAL					
Agency	Item(s)	Approved By (Print)	Position	Signature	Date
City of Wanneroo					
City of Joondalup					
COW/COJ LEMC					
FESA FRS					

RISK TREATMENT – PLAN						
Hazard: Marine Transport Incident	Risk Statement: There is a risk that a marine transport incident will cause injury and or loss of life to residents involved in a marine accident. (i.e. Commercial or amateur vessels involved in emergencies including – collision, explosion or fire, sinking, grounding, persons lost at sea).				Reference No: 005	
	Likelihood: possible	Consequence: major	Level of Risk: extreme	Risk Priority: level 1	Date Compiled: 07/12/2005	
Vulnerability Data: The population of the COW/COJ Community is noticeably more vulnerable, with approximately 48 kilometres of coastline along the western border and a high proportion of the population involved in boating, both commercially and recreationally.						
Risk Treatment Strategies	Action Priority	Responsible Agency(s)	Implementation Data	Implementation Timeframe	Budget Considerations	Monitor & Review
1. Review formerly the existing community education programs on marine transport safety and report outcomes. (Consider the utilisation of Twin cities FM for seasonal community education).	1	COW, COJ, DPI, FESA VMRS	Undertaken by the Project Coordinator in collaboration with relevant stakeholders (i.e. DPI, FESA VMRS) Report, including recommendations to be appropriately disseminated.	Approximately 1 month	Relatively minimal cost. Includes hours worked and administration.	Monthly reports & Committee Meetings. Utilise report for annual initiatives.
2. Conduct an emergency management exercise on a marine incident to test existing arrangements.	2	COW, COJ, COW/COJ LEMC	Undertaken by a working group of the COW/COJ LEMC. Discussion type. Report including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 1 month	Relatively low cost. Includes hours worked afforded by LEMC members and Project Coordinator.	Post exercise debrief and analysis. Identify gaps and initiate appropriate action.

\* Action simultaneously.

IMPLEMENTATION APPROVAL					
Agency	Item(s)	Approved By (Print)	Position	Signature	Date
City of Wanneroo					
City of Joondalup					
COW/COJ LEMC					
DPI					
FESA VMRS					

RISK TREATMENT – PLAN						
<b>Hazard:</b> Rail Transport Incident	<b>Risk Statement:</b> There is a risk that a train derailment will cause injury and loss of life to passengers and the public.					<b>Reference No:</b> 006
	<b>Likelihood:</b> likely	<b>Consequence:</b> major	<b>Level of Risk:</b> extreme	<b>Risk Priority:</b> level 1	<b>Date Compiled:</b> 07/12/2005	
<b>Vulnerability Data:</b> The COW/COJ community includes a rail transport system. The general public which utilise the rail transport system are those most vulnerable. The young (0-5 years) and the aged (65 years) may be less resilient.						
Risk Treatment Strategies	Action Priority	Responsible Agency(s)	Implementation Data	Implementation Timeframe	Budget Considerations	Monitor & Review
1. Conduct an emergency management exercise on a rail transport incident to test existing arrangements (include freeway closure).	1	COW, COJ, COW/COJ LEMC	Undertaken by a working group of the COW/COJ LEMC. Discussion type. Report including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 1 month	Relatively low cost. Includes hours worked afforded by LEMC members and Project Coordinator.	Post exercise debrief and analysis. Identify gaps and initiate appropriate action.

\* Action simultaneously.

IMPLEMENTATION APPROVAL					
Agency	Item(s)	Approved By (Print)	Position	Signature	Date
City of Wanneroo					
City of Joondalup					
COW/COJ LEMC					

RISK TREATMENT – PLAN						
Hazard: Human Epidemic	Risk Statement: There is a risk that a human epidemic will cause injury and or loss of life to the general public.					Reference No: 007
	Likelihood: unlikely	Consequence: catastrophic	Level of Risk: extreme	Risk Priority: level 1	Date Compiled: 07/12/2005	
Vulnerability Data: Members of the COW/COJ Community that are noticeably more vulnerable include the young (0-5), the aged (65 years and over), the sick, certain ethnic group and cultural groups, health and emergency workers.						
Risk Treatment Strategies	Action Priority	Responsible Agency(s)	Implementation Data	Implementation Timeframe	Budget Considerations	Monitor & Review
1. Review, develop and establish formal communication between local and state levels in relation to human epidemic.	1	COW, COJ, DOH	Coordinated by the Project Coordinator who will develop, establish and formalise in cooperation the Department of Health, COW and COJ.	Approximately 1 month	Relatively minimal cost. Includes hours worked and administration.	Monthly reports & Committee Meetings. Review annual communications via E/H Services.
2. Conduct an emergency management exercise on human epidemic to test existing arrangements and capabilities.	2	COW, COJ, COW/COJ LEMC	Undertaken by a working group of the COW/COJ LEMC. Discussion type. Report including recommendations to be disseminated to all agencies involved and LEMC.	Approximately 1 month	Relatively low cost. Includes hours worked afforded by LEMC members and Project Coordinator.	Post exercise debrief and analysis. Identify gaps and initiate appropriate action.

\* Action simultaneously.

<b>IMPLEMENTATION APPROVAL</b>					
<b>Agency</b>	<b>Item(s)</b>	<b>Approved By (Print)</b>	<b>Position</b>	<b>Signature</b>	<b>Date</b>
City of Wanneroo					
City of Joondalup					
COW/COJ LEMC					
Department of Health					