



# MINUTES

## Ordinary Council Meeting

Held in Council Chambers  
Corner King & Barrack Street's, Merredin  
Tuesday, 23 January 2024  
Commencing 4.00pm



### Common Acronyms Used in this Document

CBP	Corporate Business Plan
CEACA	Central East Accommodation & Care Alliance Inc
CEO	Chief Executive Officer
CSP	Community Strategic Plan
CWVC	Central Wheatbelt Visitors Centre
EO	Executive Officer
EMCS	Executive Manager Corporate Services
EMDS	Executive Manager Development Services
EMES	Executive Manager Engineering Services
EMS&C	Executive Manager Strategy & Community
ES	Executive Support Officer
GECZ	Great Eastern Country Zone
GO	Governance Officer
LGIS	Local Government Insurance Services
LPS	Local Planning Scheme
MCO	Media and Communications Officer
MoU	Memorandum of Understanding
MP	Manager of Projects
MRCLC	Merredin Regional Community and Leisure Centre
SRP	Strategic Resource Plan
WALGA	Western Australian Local Government Association
WEROC	Wheatbelt East Regional Organisation of Councils



## January Ordinary Council Meeting

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Shire of Merredin  
Ordinary Council Meeting  
4:00pm Tuesday, 23 January 2024



**1. Official Opening**

The President acknowledged the Traditional Owners of the land on which we meet today, and paid his respects to Elders past, present and emerging. The President then welcomed those in attendance and declared the meeting open at 4:02pm.

**2. Record of Attendance / Apologies and Leave of Absence**

**Councillors:**

Cr M McKenzie	President
Cr B Anderson	
Cr H Billing	
Cr D Crook	
Cr M Simmonds	
Cr P Van Der Merwe	

**Staff:**

C Brindley-Mullen	A/CEO
A Tawfik	EMES
L Boehme	EMCS
P Zenni	EMDS
M Wyatt	EO

**Members of the Public:** Nil

**Apologies:** L Clack - CEO, Cr R Manning – Deputy President

**Approved Leave of Absence:** Nil

**3. Public Question Time**

Nil

**4. Disclosure of Interest**

Cr Billing declared an Impartiality Interest in Item 14.5.

Cr Anderson, Cr Billing, and Cr Van Der Merwe declared a Financial Interest in Item 18.1.

## 5. Applications of Leave of Absence

### Voting Requirements



Simple Majority



Absolute Majority

### Resolution

Moved: Cr Van Der Merwe                      Seconded: Cr Crook

**83307**      That Councillor Anderson be granted Leave of Absence for the February Ordinary Council Meeting being held 27 February 2024.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

## 6. Petitions and Presentations

Nil

## 7. Confirmation of Minutes of Previous Meetings

7.1      Ordinary Council Meeting held on 11 December 2023  
Attachment 7.1A

### Voting Requirements



Simple Majority



Absolute Majority

### Resolution

Moved: Cr Billing                                      Seconded: Cr Anderson

**83308**      That the Minutes of the Ordinary Council Meeting held on 11 December 2023 be confirmed as a true and accurate record of proceedings.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

## 8. Announcements by the Person Presiding without Discussion

Nil

## 9. Matters for which the Meeting may be Closed to the Public

- 19.1 Recruitment of Chief Executive Officer – Appointment of Independent Panel Member
- 19.2 Funding Agreement and Variation of Licence – Merredin Water Tower

## 10. Receipt of Minutes of Meetings

- 10.1 Minutes of the Audit Committee Meeting held on 23 January 2024.  
Attachment 10.1A

### Voting Requirements

Simple Majority  Absolute Majority

### Resolution

**Moved:** Cr Van Der Merwe **Seconded:** Cr Simmonds

**83309** That Council RECEIVE the Minutes of the Audit Committee Meeting held 23 January 2024.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

## 11. Recommendations from Committee Meetings for Council Consideration

### Voting Requirements

Simple Majority  Absolute Majority

### Resolution – Audit Committee Meeting held 23 January 2024

**Moved:** Cr Crook **Seconded:** Cr Anderson

**83310** That Council ENDORSE the following recommendations from the Audit Committee Meeting of 23 January 2024 being;

1. Item 6.1: That Council NOTES the Reg 17 and Risk Action Plan Progress Report as tabled to the Audit Committee.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*



# MINUTES

## Audit Committee Meeting

Held in Council Chambers  
Corner King & Barrack Street's, Merredin  
Tuesday, 23 January 2024  
Commencing 1:45pm



<b>Common Acronyms Used in this Document</b>	
WEROC	Wheatbelt East Regional Organisation of Councils
GECZ	Great Eastern Country Zone
WALGA	Western Australian Local Government Association
CEACA	Central East Aged Care Alliance
CEO	Chief Executive Officer
EMS&C	Executive Manager Strategy and Community
EMDS	Executive Manager of Development Services
EMES	Executive Manager of Engineering Services
EMCS	Executive Manager of Corporate Services
EO	Executive Officer
LPS	Local Planning Scheme
LGIS	Local Government Insurance Services
SRP	Strategic Resource Plan
CBP	Corporate Business Plan
CSP	Community Strategic Plan
MRCLC	Merredin Regional Community and Leisure Centre
CWVC	Central Wheatbelt Visitors Centre
MoU	Memorandum of Understanding



Shire of Merredin  
Audit Committee Meeting  
1:45pm Tuesday, 23 January 2024



**1. Official Opening**

The President acknowledged the Traditional Owners of the land on which we meet today, and paid his respects to Elders past, present and emerging. The President then welcomed those in attendance and declared the meeting open at 1:45pm.

**2. Record of Attendance / Apologies and Leave of Absence**

**Councillors:**

Cr M McKenzie	President
Cr B Anderson	
Cr D Crook	
Cr M Simmonds	

**Staff:**

C Brindley-Mullen	A/CEO
L Boehme	EMCS
M Wyatt	EO

**Observer:**

Cr H Billing

**Apologies:**

Cr R Manning - Deputy President, L Clack, CEO

**Approved Leave of Absence:**

Nil

**3. Public Question Time**

Nil

**4. Disclosure of Interest**

Nil

## 5. Confirmation of Minutes of the Previous Meeting

5.1 Audit Committee Meeting held on 11 December 2023  
Attachment 5.1A

### Voting Requirements

Simple Majority

Absolute Majority

### Resolution

**Moved:** Cr Crook

**Seconded:** Cr Anderson

**83305**

**That the minutes of the Audit Committee Meeting held on 11 December 2023 be confirmed as a true and accurate record of proceedings.**

**CARRIED 4/0**

*For: Cr McKenzie, Cr Anderson, Cr Crook, Cr Simmonds.*

*Against: Nil*

## 6. Officer's Reports

### 6.1 Regulation 17 and Risk Action Plan Review January 2024

<h1>Corporate Services</h1> 	
<b>Responsible Officer:</b>	Leah Boehme, EMCS
<b>Author:</b>	As above
<b>Legislation:</b>	<i>Local Government (Audit) Regulations 1996</i>
<b>File Reference:</b>	Nil
<b>Disclosure of Interest:</b>	Nil
<b>Attachments:</b>	Attachment 6.1A – Reg 17 and Risk Action Plan Review January 2024
<div style="background-color: #92d050; padding: 5px;"><b>Purpose of Report</b></div>	

Executive Decision

Legislative Requirement

The purpose of this report is to provide the Audit Committee with an update on the Shire of Merredin's (the Shire) progress toward the actions highlighted during the Chief Executive Officer's (CEO) review of Risk Management, Internal Controls and Legislative Compliance, which was presented to the Audit Committee and to Council in December 2022. The review document also provides updates on progress toward findings from the 2020/21 and 2021/22 Audits.

This will be the final time this document is presented to Council as it will be replaced by a new document that will include action items from the Shire's Financial Management Review (FMR) and 2022/23 Financial Audit.

**Background**

Regulation 17 of the *Local Government (Audit) Regulations 1996* requires the CEO to review the appropriateness and effectiveness of the local government systems and procedures in relation to risk management, internal control and legislation compliance.

The review may relate to any or all of the matters referred to the sub-regulation (1) (a), (b) and (c), but each of those matters is to be the subject of a review at least once every three (3) financial years.

The CEO is to report to the Audit Committee the results of that review and then provide updates on the progress toward identified actions on a regular basis. The Shire has provided quarterly updates to the Audit Committee and Council since the document was created.

### Comment

Attachment 6.1A outlines the steps taken towards completing the actions identified during the Reg 17 and Risk reviews. Further items have been completed since the last review was presented to the Audit Committee in October 2023.

The progress toward the Risk Dashboard items has seen further growth, with a number of items progressing. There is still a number of actions to be commenced which involve long term changes requiring longer periods of time before they are expected to be completed.

### Policy Implications

Policy 3.24 – Risk Management applies.

### Statutory Implications

Regulation 17 of the *Local Government (Audit) Regulations 1996* applies.

### Strategic Implications

#### Ø Strategic Community Plan

Theme:	4. Communications and Leadership.
Service Area Objective:	4.2 - Decision Making. 4.2.2 – The Shire is progressive while exercising responsible stewardship of its built, natural and financial resources. 4.2.3 – The Council is well informed in their decision-making, supported by a skilled administration team who are committed to providing timely, strategic information and advice. 4.4.1 – The Shire is continuously working to maintain efficient communication, providing open, transparent and factual information, through a variety of channels.
Priorities and Strategies for Change:	Nil

#### Ø Corporate Business Plan

Theme:	4 – Communication.
Objective:	4.4 – Communications.
Timeline:	4.4.1 – The Shire is continuously working to maintain efficient communication, providing open, transparent and factual information, through a variety of channels.

### Sustainability Implications

#### Ø Strategic Resource Plan

Nil

### Risk Implications

By regularly reviewing the Shire's Risk Dashboard and Regulation 17 Review and providing updates to the Audit Committee and Council, the risk to the organisation should decrease.

### Financial Implications

Nil

### Voting Requirements

Simple Majority

Absolute Majority

### Resolution

Moved:

Cr Anderson

Seconded: Cr Crook

That the Audit Committee:

83306

1. **NOTES** the quarterly Reg 17 and Risk Action Plan Progress Report for January 2024 as presented in Attachment 6.1A; and
2. **RECOMMENDS** that Council **NOTES** the Reg 17 and Risk Action Plan Progress Report as tabled to the Audit Committee.

**CARRIED 4/0**

*For: Cr McKenzie, Cr Anderson, Cr Crook, Cr Simmonds.*

*Against: Nil*

## Reg 17 and Risk Action Plan – January 2024 update

Completed  In progress  Ongoing  Not yet commenced  Reviewed elsewhere

Recommendations:	Actions:	Date completed/ comment:
Annual review of risk management policy, framework and register to be monitored through Attain.	- Relevant items added to Attain calendar.	10 January 2023.
Annual review of Business Continuity Plan to be monitored through Attain.	- Plan to be updated and reviewed annually.	Business Continuity Plan review commenced July 2023. Business Continuity Plan review completed September 2023 – presented to Council for noting.
Revalue Shire's Infrastructure Assets Early in 2023.	- Completion of revaluations. - Complete updates in software system. - Notify Insurers of any significant changes.	Completed March – June. In progress July 2023. Completed September 2023. No significant changes to report.
Employee Code of Conduct Reviewed.	- Code of Conduct reviewed, published and disseminated - HR Sessions conducted with staff.	December/ January Sessions completed.
Attain calendar maintained and updated.		Ongoing.
Review insurance cover.	- Review policies and schedules prior to each financial year.	Completed May 2023.
Policy review calendar to be developed.	- Develop a policy review calendar/ timeline.	Policy review document developed 2023 – this is being reviewed to ensure all policy updates that have occurred are recognised.
A focus placed on internal controls relating to Audit findings in 2020/21 and 2021/22 financial years.	2020/21	
	- Credit card policy developed and implemented.	November 2022.
	- Process implemented for employee master file to be checked fortnightly.	October 2022.
	- All journals reviewed and signed by EMCS.	8 August 2022.
	- Compliance with procurement processes. *2022/23 Interim Audit completed – 1 Minor finding relating to payment of DFES ESL invoices. No other procurement findings noted.	Purchasing policy updated. Delegations register updated. Purchasing Authority Limits reviewed and communicated to staff.
	- Bank Reconciliations completed monthly and signed by EMCS.	December 2022.
	- Standardised and centralised HR practices implemented throughout the organisation. Ongoing phased process.	Position Descriptions and Classifications reviewed. Organisation Structure loaded into IT system.

		HR admin and consultant managing all processes.
	2021/22	
	- Bank rec/ employee master file/ procurement practices (on own lines above).	
	- Review of risk management system and procedures presented to Audit and Council. Annual review added to Attain calendar.	December 2022.
	- Process for end of day reconciliations implemented.	October 2022. Work instruction in development.
	- Money processed through trust bank account.	June 2023.
	- Fixed asset register not reconciling.	Auditors advised this would be corrected once Infrastructure Asset revaluations completed (these are currently in progress). Infrastructure Asset revaluations loaded into system and balanced for annual financial statements.
	- Fair value of Infrastructure assets.	Valuations completed.
	- Payroll practices:  - Ensure signed contracts on file for all staff. - Higher duties work instruction to be created and disseminated to Executive Staff.	Implementation of digital payroll solution nearing completion. Employment contracts reviewed. Letter template created by HR July 2023.
	- Risk register.	December 2022.
	- Audit committee Terms of Reference.	Developed and endorsed December 2022.
	- Purchasing Policy review.	Completed March 2023, endorsed by Council May 2023.
	- Asset Management Policy review.	Endorsed by Council June 2023.
	- Rates reconciliation (signed by EMCS).	2022/23 sign off August 2022. 2023/24 reconciliation in progress.
Review of processes.	- Review of finance processes. - Creation of Work Instructions for all finance tasks.	Commenced February 2023. Will be ongoing throughout 2024.

Review of Delegation Register.	- Changes required to DL4.12.	May 2023.
Audit Committee involved in Risk Framework review.	- Audit Committee presented with regular reports on improvement/ action plans.	Presented March, July and October 2023.
Shire of Merredin Recordkeeping Plan review.	- Recordkeeping Plan reviewed and updated.	December 2022. Final acceptance by SRO May 2023.
Shire of Merredin Workforce Plan review.	- Workforce Plan review.	

## Risk Dashboard Review

Asset Management			
Action	Completed Y/N	Date Due	Date Completed/ Notes
RAMMS Training.	Y	Nov-23	Completed May 2023.
Verification of Roads data into RAMMS.	Partial	Dec -23	Ongoing, process has commenced.
Quarterly stocktakes at works depot.	Y	Dec-23	Completed 30 June 2023.
Review and update Asset Management Policy.	Y	Jun-23	June 2023.
Create Asset Management Strategy.	Partial	Mar -24	Assessment of condition of sealed road network completed October 2023. Mapping of all road assets completed November 2023. Development of road hierarchy completed December 2023.
Business and Community Disruption			
Action	Completed Y/N	Date Due	Date Completed/ Notes.
Implement internal emergency management arrangements across Shire.	Y	ongoing	Business Continuity Plan reviewed and provided to Council October 2023.
Review LEMA annually.	Y	ongoing	Adopted at LEMC Meeting 26 October 2023.
Failure to Fulfil Compliance Requirements (statutory, regulatory)			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Review Compliance Calendar within Attain.	ongoing	ongoing	
Review process for CAR completion.	Y	ongoing	2022 CAR presented to Audit and Council March.
Quarterly monitoring of Attain outcomes at SMG.	Y	ongoing	On agenda at all meetings.
Document Management Process			



Action	Completed Y/N	Date Due	Date Completed/ Notes
Digitise HR records.	Y	Dec-23	Records digitisation.
Digitise vital records.	Partial	Dec-23	Some records digitised.
Review policies and create Policy Index with 'last reviewed date' component.	Partial	Dec-23	A number of policies reviewed.
Review procedures and create Procedure Index with 'last reviewed date' component.	N	Jun-24	Commenced October 2023.
Creation of key secure documents that are unable to be edited (H Drive).	Partial	Mar-23	Most folders/ documents secured.
Continue to review archives of the Shire.	Partial	Ongoing	Records officer has commenced review.
<b>Employment Practices</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes.
Develop and implement Recruitment Process.	Partial	Jun-23	Mostly completed – PDs and Classifications reviewed and updated.
Updating HR Synergy Module.	Partial	Dec-23	Completed August 2023.
Review of qualification, licenses and tickets for required staff.	Partial	ongoing	In progress. Training register updated and reviewed regularly.
<b>Engagement Practices</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Review Engagement & Consultation Framework.	N	Jan-24	
Complete Community Scorecard Survey.	N	Dec-23	Not within budget, alternative methods under consideration.
<b>Environment Management</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Complete outstanding actions from waste water re-use audit.	Y	Dec-23	Audit carried out on 26/10/2023, overall audit score “Good.” Four recommendations for implementation by December 2024, will be finalised prior to that timeframe as part of CBD/Apex Park redevelopment.
Training to be completed for the waste water management program.	Y	ongoing	Inhouse training being provided by Shire EHO based on Department of Health Guidelines. Training is of suitable standard and undertaken in a timely manner as confirmed in the

			October 2023 Water Corporation Audit.
Develop Landfill Closure Plan.	Partial	Jun-24	Funds allocated in 2023/24 budget. Tender for consultancy services issued December 2023.
<b>Errors, Omissions and Delays</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Identify key procedures for ALL areas, to be documented.	N	Dec-23	
Create Procedural/Internal Management procedures and policies.	Partial	Dec-23	Some initial procedures created.
Consider a 'Knowledge Management' system for procedures (intranet).	Partial – intranet in place but not well utilised	Dec-23	
Regularly review key information on website for accuracy.	Y	ongoing	Completed on an ongoing cycle.
Consider implementing a process to track complaints/ work requests.	Partial	Dec-23	A spreadsheet is in place currently to log requests/ Snap Send Solves.
<b>External Theft, Fraud or Damage</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Review Admin Security Procedure to include changing of the 4-digit access system every 6 months or when staff leave.	Y	ongoing	Staff assigned personal PINs for alarm system as required.
Review of contractor access and induction processes, including assessment of effectiveness and consistency.	Partial	ongoing	Inductions of staff following commencement of employment with the Shire of Merredin. Use of VELPIC (now DAMSTRA) training module and assistance from LGIS Regional Risk Coordinator for induction of contractors.
<b>Management of Facilities/ Venues/ Events</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Review internal procedures for events and bookings - communication focus.	N	Sep-23	Delayed due to staff turnover.
Review facility/ venue hire forms created for Cummins Theatre & other external facilities.	N	Jan-24	Review underway.
<b>IT or Communications Systems and Infrastructure</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes

Develop an IT equipment register and replacement plan.	Partial	Dec-23	Commenced.
Develop and implement ICT Framework.	N	Dec-23	Has been included in IT Contract scope for 2024 onward.
Review performance of IT vendors.	Partial	Dec-23	Request to quote sent out to IT contractors December 2023.
Implement staff and councillor training for enhanced IT security.	N	Dec-23	Has been included in IT Contract scope for 2024 onward.
Review staff IT access profiles on shared drive and in SynergySoft.	Partial	Dec-23	Commenced.
<b>Misconduct</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Review of Induction Procedure.	Partial	ongoing	Commenced.
Review Fraud & Corruption Control Plan.	N	Dec-23	
Authorised officers letters of appointment (unions).	Partial	Dec-23	Register created.
Ethical and Accountable Decision-Making training.	Yes	ongoing	Part of staff reinduction March, further training completed November 2023.
<b>Projects/ Change Management</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Develop project management plans for the management of major projects (i.e. CBD).		As required	Kept as live documents, updated as required.
<b>Safety and Security Practices</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Determine contractor/ site inspection procedural approach.	Y	ongoing	Use of VELPIC training module and assistance from LGIS Regional Risk Coordinator for induction of contractors.
Review OHS and new guidelines as identified.	Partial	Nov-23	Senior management training - roles and responsibilities under new WHS legislation completed by members of executive.
Conduct Annual Risk Assessment for BFB and SES.	N	Jun-23	Planned for completion prior to December 2023.
<b>Supplier/ Contract Management</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes

Regular review of Tenders, Contracts, Agreements and Grants SynergySoft module.	Y	ongoing	Contract and Grant milestones emailed weekly.
<b>Procurement and Disposal</b>			
Action	Completed Y/N	Date Due	Date Completed/ Notes
Review local panel of suppliers.	Partial	Mar -24	Meeting conducted with WALGA 12 July 2023. Two tenders will be issued early 2024: <ul style="list-style-type: none"> <li>- Suppliers &amp; Trades.</li> <li>- Plant Hire – Contractors.</li> </ul>
Review the Disposal of Assets Policy to include updated regulations.	Partial	Mar-24	Reviewed policy to be presented to Council January 2024.
Training for requisitions and purchase orders.	Partial	ongoing	Completed one on one as required presently. All staff signed up to complete WALGA Procurement basics training. This will form part of all staff inductions moving forward.

## **2. Closure**

There being no further business, the President thanked those in attendance and declared the meeting closed at 1:50pm.

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## 12. Officer’s Reports – Development Services

### 12.1 Development Application – Lot 503 Gabo Avenue, Merredin – Proposed Upgrades to CBH Grain Handling Facilities

<h2 style="margin: 0;">Development Services</h2> 	
Responsible Officer:	Peter Zenni, EMDS
Author:	Paul Bashall – Planwest (WA) Pty Ltd
Legislation:	<i>Planning and Development Act 2005</i> Shire of Merredin Local Planning Scheme No.6
File Reference:	A9247
Disclosure of Interest:	Nil
Attachments:	Attachment 12.1A - Development Application and Supporting Documentation (CONFIDENTIAL) Attachment 12.1B - Site Photos and Check Dam Details

#### Purpose of Report

Executive Decision

Legislative Requirement

To recommend to Council that it grant conditional development (planning) approval for various upgrades to the Co-operative Bulk Handling (CBH) terminal located at Lot 503 Gabo Avenue, Merredin.

#### Background

An application has been received for development approval (DA) from CBH for \$8m of upgrades at the CBH grain handling facility located at Lot 503 Gabo Avenue, Merredin. The proposed development is aimed at upgrading the existing CBH receival and storage facilities in Merredin.

The Merredin site is a critical network site for CBH and is the largest receival site in the region. The terminal has had an extensive history of changes, upgrades and issues regarding the operation and maintenance surrounding the land.

The DA is accompanied by; a DA form, a delegated authority to apply for the DA, a covering letter, a Certificate of Title, several detailed drawings, a site plan, a traffic management statement by engineering consultants, a Stormwater Management Plan, and an assurance that noise and dust will be managed and monitored in accordance with regulations.

#### Comment

The proposed CBH DA upgrades include:

1. Installation of 3x Auger grids and Conveyor Loading Systems, and necessary adjustments to existing pavements to suit drainage requirements and pavement tie-ins;
2. Maintaining the position of northern drain (north of Open Bulk Heads (OBH) 09-14), requiring OBHs to be shortened by 10.5m to accommodate new grids and by-pass;
3. Shorten recent emergency storage Temporary Bulk Heads (TBH) 99 by 25m to accommodate altered traffic path for the Drive Over Grid in-loading trucks. Frame footings for affected frames to be re-done;
4. Removal of recent emergency storage TBH 98 and install access road for stacking to the grid (OBH 09/10);
5. Milling and asphalt sealing of OBH 12-14 at existing levels;
6. Upgrade to 1.8m frames to OBH 12-14, including frame footings; and
7. Necessary drainage works to accommodate the stormwater runoff from the works, including open drains, culverts and drainage basins.

Figure 1 shows the location of the subject land.

**FIGURE 1 – LOCATION PLAN**



**Source:** Landgate, ESRI, Planwest

As can be seen in the aerial photograph in Figure 1, the subject land abuts rural land to the north (outside the townsite boundary), vacant land to the west and east, and various industrial uses to the south.

Figure 2 shows the site plan attached to the DA.

The covering letter with the DA notes that there will be a net decrease in the overall capacity of the terminal. The increase in the height (and therefore capacity) of the three OBHs shown cross-hatched in the site plan, are off-set by the removal of a complete OBH that was located

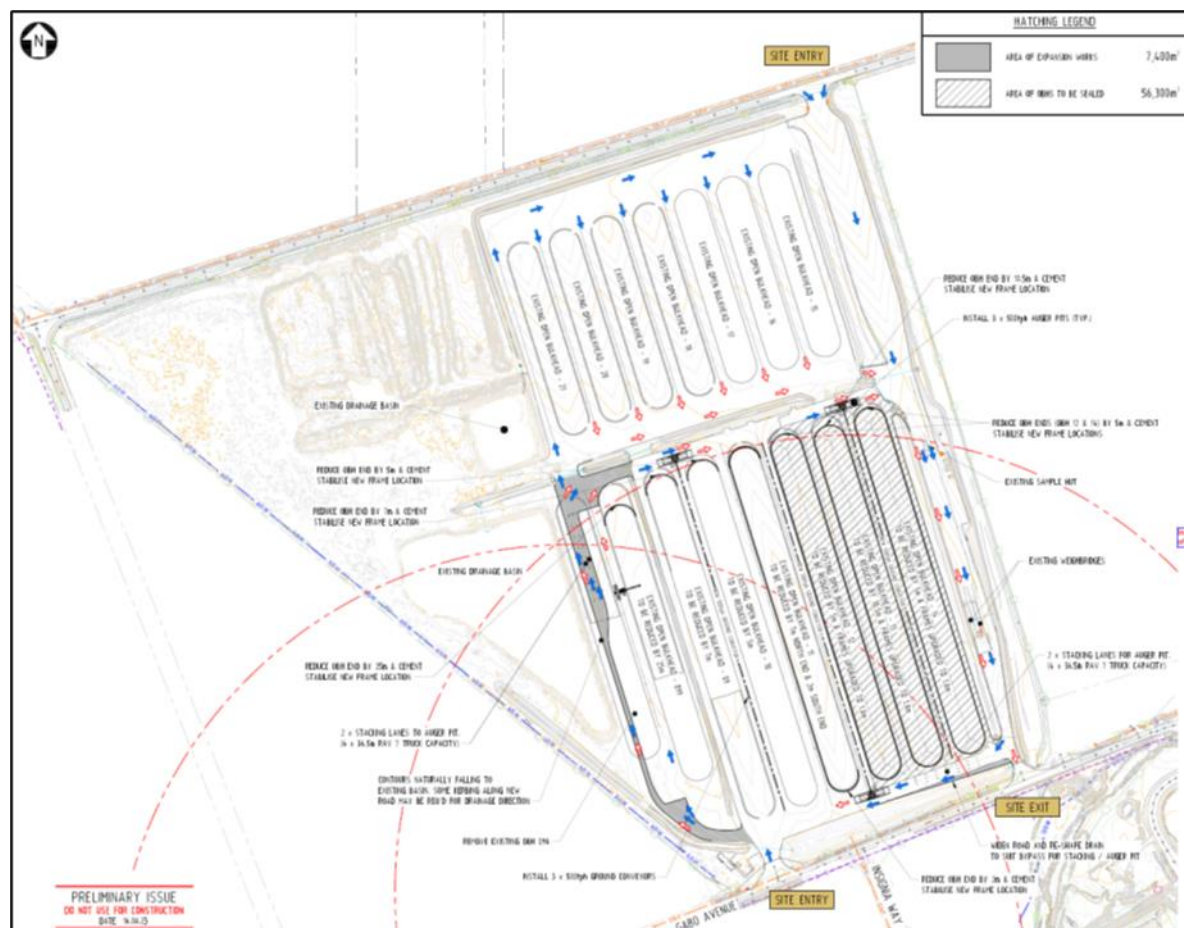


on the western end of the south row of OBHs, and the slight reduction of the lengths of the OBHs west of the three OBHs mentioned.

CBH calculates the net decrease in capacity to be around 30,700 tons.

Based on this net reduction of capacity, CBH and its consultants state that a transport assessment is not required.

**FIGURE 2 – EXTRACT FROM DA SITE PLAN**



Source: CBH, Planwest

### Strategic Considerations

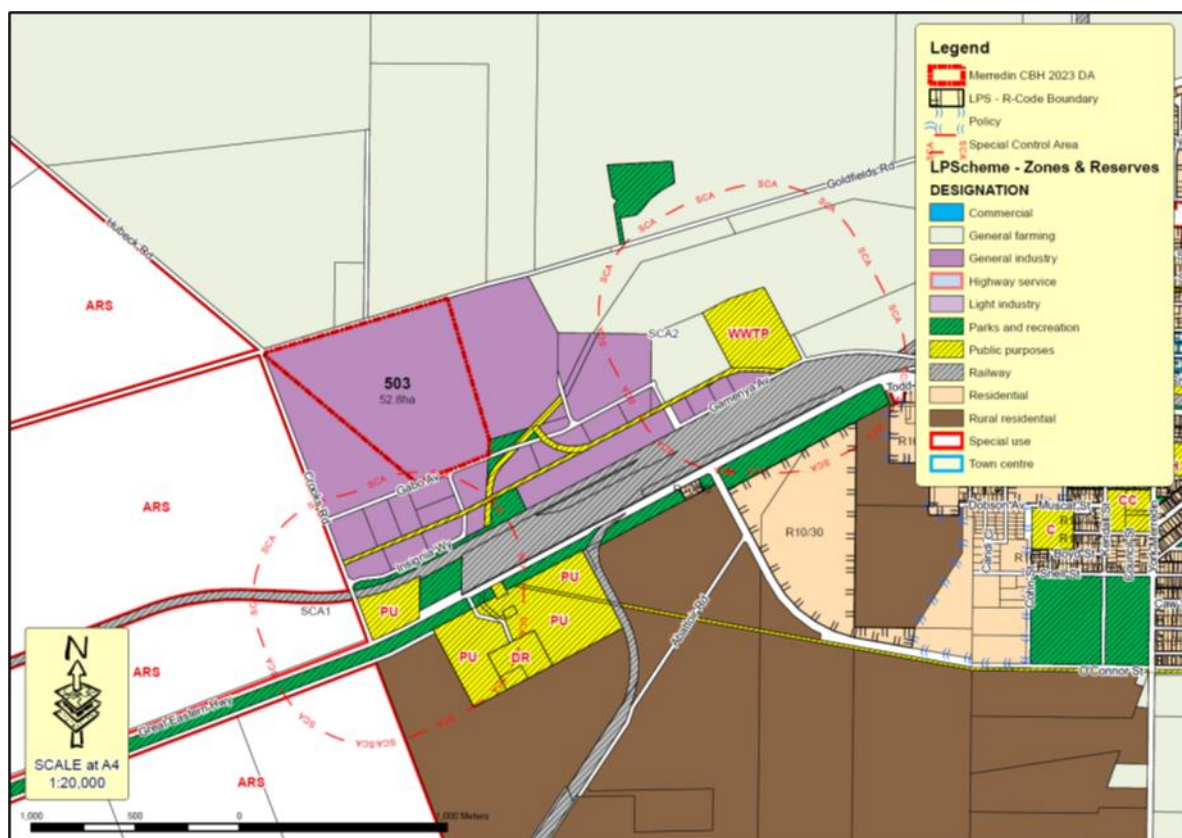
The subject land is designated 'General Industry' in the Shire of Merredin Local Planning Strategy (the Strategy). The proposal is consistent with the longer-term use of the area and is unlikely to change in the current review of the Strategy.

Whilst the Council is supportive of the CBH operations and employment benefits for the Shire of Merredin (the Shire), it has an obligation to ensure that the external impact of any operations are to be minimised. This includes impacts of traffic, drainage, dust, and noise.

### Statutory Considerations

Surrounding zones are shown in Figure 3 and include 'General industry' and 'Rural'. The latter zone only occurs on the northern boundary and is outside the Townsite boundary.

**FIGURE 3 – SCHEME MAP EXTRACT**



**Source:** Landgate, DPLH, Planwest

The proposed development falls within an 'Industry – Rural' land use which is a 'P' use under the Shire of Merredin Local Planning Scheme (the Scheme). As stated, Lot 503 Gabo Avenue, Merredin is zoned 'General Industry' in the Scheme.

A very small portion of the land is affected by a Special Control Area (SCA) in the south west corner of the property. This SCA is designed to protect sensitive uses from any impacts of the drainage sump located between the railway and the Highway.

### **Environmental Impact**

The proposed development is consistent with the objectives for a General Industry area where these types of activities are considered appropriate. Any increase in visual, noise or dust impacts from the new upgrades are not considered to be significant. Regardless of the proposed works, the operators have a continuing obligation to comply with dust and noise standards.

### **Traffic Impact**

The proposed upgrades will result in a net decrease in capacity by around 30,700 tons. As such there will be no additional traffic movements to and from the site. A previous DA noted that the existing road infrastructure network will more than adequately cater for the proposed tonnages and will not require any improvements.

This was based on supporting documentation forming part of a Traffic Impact Statement (TIS) from SHAWMAC Consulting Civil and Traffic Engineers (SHAWMAC). The purpose of the TIS was to determine the traffic impact of the proposed expansion on the surrounding road network and ascertain if any adverse impacts were associated with the proposal.

The TIS assessment was undertaken in accordance with the Western Australian Planning Commission (WAPC) Transport Impact Assessment Guidelines Volume 4 – Individual Developments (TIA Guidelines).

The TIS assessment conducted by SHAWMAC concluded that:

- The traffic generated by the site during harvest periods is expected to be in the order of 303 movements out daily, with about 30 movements in and out during peak hours.
- The estimated traffic generation can be accommodated within the capacity of the adjacent road network.
- The additional traffic generated by the site is not considered to increase the likelihood of crashes to unacceptable levels.
- The seal and carriageway widths of the surrounding road network generally meet the relevant RAV network requirements with the exception of the slight seal width deficiency in Crooks Road, south of Gabo Avenue, which is considered acceptable in this instance.
- There is sufficient sight distance at the site exit onto Gabo Avenue.

In 2018, as part of a previous application for development approval on the site in question, the Shire sought formal confirmation from CBH with respect to the estimated maximum annual grain tonnages to be received at the Merredin CBH facility over the next five (5) to ten (10) years.

In response CBH provided the following advice;

Merredin receival site:

- Has 500,000 tonnes of storage capacity with average receivals of 350,000 tonnes.
- Receivals (in the catchment zone) are forecast to grow to an average of 410,000 over the next 5 years (forecast subject to assumed yield growth).
- As a result of closing non-Network Strategy sites (ie Burracoppin, Hines Hill and Nungarin) an additional 55,000 tonnes are expected to flow into Merredin.
- Merredin will have the sufficient storage capacity to handle forecast receivals of 465,000 tonnes of receivals at harvest.
- In addition, and as we do now, an approximate 240,000 tonnes will be hubbed into the site. From surrounding Network Strategy sites, outside of harvest, resulting in approximately – 700,000 tonnes being railed from Merredin.

Discussions held at that time with staff at SHAWMAC confirmed that the existing road infrastructure network will more than adequately cater for the proposed tonnages and will not require any improvements.

### **Storm Water Management**

Storm water management has been previously addressed via a drainage strategy that incorporated widening of the existing storm water basin adjacent to Gabo Avenue and provision of a high-level overflow feature feeding into a new drainage basin on the Western portion of the site.

The original CBH Merredin Drainage Strategy is based on the following assumptions:

- Drainage Strategy based on capturing the 1 in 100 year average recurrence interval (ARI) for the site.

- The drainage basin volume was determined by assessing all storm durations and the infiltration rate (0.00001m/s for sandy clay) and the critical storm duration was determined to be the 12-hour storm.
- The basin is required to accommodate 24619m<sup>3</sup>. The basin accommodates a volume of 24720m<sup>3</sup> with 300mm freeboard.
- As the capacity of the existing basins on site are unknown, it has been assumed that the proposed drainage basin 1 will accommodate the runoff from the entire site.
- Coefficient of runoff 0.9 for sealed areas (including bulkheads, marshalling yard and road network) and 0.6 for unsealed areas.
- Basins have 300mm freeboard (1.5m deep basin and water depth set at 1.2m).

A subsequent report by BG&E Resources dated 28 July 2022 assessed the then proposed development which incorporated potential additional stormwater infrastructure (pavement trap drains, expansion of existing basin and subsoil drainage system) concluded that the existing drain profiles will be maintained and there is sufficient capacity to convey additional runoff for 20% annual exceedance probability (AEP) event.

The current development application incorporates a Stormwater Management Plan prepared by SHAWMAC dated 2 November 2023.

The Plan clarifies the general strategy for stormwater management for the site as well as a number of recommendations in relation to drainage infrastructure.

### **General Strategy**

In general, the adopted approach involves the upgrade of existing drains and culverts, or installation of new drains and culverts as required, to direct runoff from the upgraded OBH's and roads to the existing south western basin.

New drains and culverts have been designed to comply with CBH design criteria as per CBH TS10A Design Specification for the 20-year ARI event.

### **Pavement Swales**

New pavement swales at the new proposed auger pits have been designed to convey stormwater between the auger pits and frames for the 20-year ARI. As a result, bulkheads are required to be reduced further than identified on the PFS concept to ensure the frames are relocated outside of the 20-year ARI event extents. The additional frame reduction has been allowed for as part of the detailed design.

Pavement swales have been designed with a smooth horizontal deviation from the existing swale alignment to direct stormwater between the auger pit and frames.

A gully pit and pipe has been proposed within the pavement swale prior to the Auger Pit ramp, as per CBH recent requests on other projects, to reduce the flow past the ramp.

### **Unsealed to Sealed Sections**

At the north and south ends of the proposed access road, there are existing unsealed pavement swales being directed over proposed new seal areas. It is proposed to locally regrade the unsealed areas to direct the unsealed pavement drains to proposed drains/culverts.

There is also a small catchment to the south of TBH 099, near the tie in to the existing sealed area of OBH 09, where CBH have requested that an open drain is not to be installed to allow vehicles to traverse between the sealed and unsealed section. Therefore, the proposed access

road has been lifted and the unsealed area locally graded/filled in with a pavement swale to direct stormwater away from the sealed area and to the proposed drains/culverts.

As per preliminary advice from the geotechnical consultant (WSP), the proposed seal and required pavement has been extended an additional 1m into the unsealed area to protect the joint.

As part of the detailed design, the following measures have been proposed:

- General / New Works:
  - Kerbing and grouted rock kerb openings/spillways for proposed OBH unsealed to sealed upgrades sections.
  - New required pavement swales directed to kerbs and grouted rock kerb openings/spillways.
  - Surface stormwater from proposed access road, within existing temporary TBH 098 being removed, directed by sheet flow to existing downstream existing earth windrows and rock/cement stabilised spillways.
  - Grouted rock protection at all new proposed culverts and headwalls.
- Item 1 – Culvert E Outlet Shoulder Scouring:
  - Kerbing and grouted rock kerb openings/spillways controlling stormwater into existing drain.
- Item 2 – Drain 4: Full extent of drain between Culvert E and Culvert G (Basin inlet) is scouring along drain batters. Hydraulic design has estimated that this section of drain the highest 20-year ARI velocity of 1.4m/s, whereas all other drains that are not experiencing scour have less than 1m/s. Therefore, the following options have been proposed and included in the tender for pricing comparison and consideration:
  - Option 1: Grouted/mortared rock protection.
  - Option 2: 200mm well graded compacted material/gravel.
  - Option 3: 500mm loose facing rock on geofabric.
  - Option 4: Concrete canvas liner.
- Item 3 – Culvert L Inlet:
  - Grouted rock protection proposed at new proposed culvert and headwalls.
- Item 4a & 4b – Emergency Bulkhead Shoulder Scouring: The existing temporary/emergency unsealed bulkheads OBH15-21 have been designed with pavement swales that are directed concentrated flows to a soft section of earthworks batter that slopes at approximately 1:8 to the existing central east west drain. Therefore, the following has been proposed:
  - Installation of earth windrows with rock spillways have been proposed to control and direct stormwater into the central east west drain.
- Item 5 – Existing Drain between Culvert B and A: There is some existing minor scouring within the existing drain between Culvert B and A. Therefore, the following has been proposed:
  - New proposed Culvert B has been sized with low velocity (<0.2m.s).
  - Regrading, shaping and compaction of existing drain as required.
- Drain 1 and 5 Regrading: As discussed previously in Section 3.1.1, it is proposed to regrade the existing Drain 1 and 5 to ensure a minimum 300mm freeboard to the OBH 14 access road pavement subgrade. The proposed new drain vertical grade is flatter than the existing grade and has an estimated 20-year ARI velocity of less than 0.7m/s.

The existing drain currently does not show signs of significant scour however, the regrading could potentially expose insitu material that is more susceptible to scour. It is recommended that further geotechnical investigations are undertaken to assess the underlying insitu material and potential erodibility of the material to confirm if additional scour protection is required.

The Shire's Executive Manager Engineering Services (EMES) and Executive Manager Development Services (EMDS), accompanied by the CBH Regional Operations Manager, carried out an inspection of the site on Friday, 15 December 2023.

The inspection was designed to identify key stormwater management infrastructure and clarify the extent of the proposed drainage improvement works.

The decision to inspect the site was in response to two assumptions forming part of the report which raised some concerns with respect to the effectiveness of the proposed stormwater management strategy and potential impacts on adjoining Lot 502 Gabo Avenue, Merredin, which is owned by the Shire of Merredin. The assumptions in question are as follows;

- The undeveloped catchment north west of the site typically falls to the west at 0.3% grade and stormwater would typically collect in localised low spots within the area and/or be directed to the western boundary of the site and into the adjacent lot.
- The existing basin has been checked to ensure it is adequate to store the 100 ARI event. For the purpose of the 100 ARI assessment, it is assumed the basin is empty. As previously directed by CBH, a spillway drain has also been designed from the north west corner of the basin to allow basin overflow in extreme events to overtop into the existing unused area of the site to the north west where it can be managed by CBH and reduce potential discharge in the neighbouring lot to the south west.

The site inspection revealed the following;

- Scouring in a number of stormwater drains directing storm water into the main drainage basin.
- Silt deposition and partial blockage of culverts directing the storm water from the stormwater drains into the main drainage basin.
- Scour and erosion on western and north western portion of the main drainage basin.

This has highlighted the need for the development and implementation of a maintenance schedule for drainage channels, culverts and drainage basin as the system currently is not working at peak efficiency. This is being compounded by the fact that the main drainage basin is already holding water and the original 100 ARI assessment criteria can only be met on the assumption that the drainage basin is empty at the time of a 1 in a 100 year flood event.

Concerns raised by the EMES in a subsequent conversation with the author of the SHAWMAC Stormwater Management Plan, clarified that the recommendations forming part of the Plan were aimed at addressing the scour and erosion issues in the stormwater drains and prevent additional silt build up in the main drainage basin.

Concerns relating to possible overtopping of the main drainage basin are being addressed in part by the provision of an overflow discharge area in the Northwest portion of Lot 503 Gabo Avenue, Merredin and in part by a Department of Water and Environmental Regulation project being undertaken in conjunction with the Shire of Merredin and CBH, comprising of the installation of a solar pump into the main CBH drainage basin to pump water during daylight hours into the Shire stormwater storage network, thus both reducing risk of

overtopping of the main storage basin and providing additional water resources for Shire irrigation purposes.

Based on the documentation provided in support of the development application, subsequent site visit and telephone conversations, the EMDS and EMES are of the belief that the submitted Stormwater Management Plan does not address a number of matters of relevance and should be revised and resubmitted to the Shire for its consideration and approval. The areas to be addressed by the revised Stormwater Management Plan are to include;

- Development and Implementation of a dedicated maintenance schedule for drainage channels, culverts and drainage basins.
- Removal of all silt build up from existing culverts and areas adjacent to existing culverts forming part of the stormwater discharge into the drainage basins.
- Installation of check dams to existing stormwater drains.
- The facilitation by CBH of relevant landowner approvals to allow for the transfer of stormwater from its drainage basin into the Shire of Merredin water catchment system as per Department of Water and Environmental Regulation (DWER) “Merredin CBH Solar Pump & Pipe” project.
- The drainage basin being pumped out so that it does not hold any water prior to the winter season, thus achieving the 100 ARI criteria.

### Building Requirements

The Shire has previously sought and obtained clarification from the Building Commission that open bulk storage containers are not considered buildings (roofed structures), nor incidental structures (associated with a building) and as such do not require a building permit from the Shire prior to their erection on site.

	<b>Policy Implications</b>
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Nil

	<b>Statutory Implications</b>
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Compliance with the Shire of Merredin Local Planning Scheme No.6

	<b>Strategic Implications</b>
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∅	Strategic Community Plan
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Theme:	4. Communication and Leadership
Service Area Objective:	4.2 Decision Making 4.2.3 The Council is well informed in their decision-making, supported by a skilled administration team who are committed to providing timely, strategic information and advice.

Priorities and Strategies for Change:	Nil
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∅	Corporate Business Plan
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Theme:	5. Places and Spaces.
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Priorities: Nil  
Objectives 5.4 Town Planning & Building Control.  
5.4.2 The Shire has a current local planning scheme and associated strategy which is flexible and able to suitably guide future residential and industrial growth.

**Sustainability Implications**

∅ Strategic Resource Plan

Nil

**Risk Implications**

Minimal – unless there is stormwater discharge onto Lot 502 Gabo Avenue, Merredin (owned by the Shire). This is considered unlikely providing compliance with the revised Stormwater Management Plan, including the development and implementation of a dedicated maintenance schedule for the drainage system.

**Financial Implications**

The relevant development application fees have been paid.



## Voting Requirements



Simple Majority



Absolute Majority

## Resolution

Moved: Cr Simmonds

Seconded:

Cr Van Der Merwe

That Council:

1. **GRANTS conditional development (planning) approval for works and use on Lot 503 Gabo Avenue, Merredin, incorporating;**
  - a. Installation of 3x Auger grids and Conveyor Loading Systems and necessary adjustments to existing pavements to suit drainage requirements and pavement tie-ins;
  - b. Maintaining the position of northern drain (north of Open Bulk Heads) 09-14), requiring Open Bulk Heads to be shortened by 10.5m to accommodate new grids and by-pass;
  - c. Shortening recent emergency storage Temporary Bulk Head 99 by 25m to accommodate altered traffic path for the Drive Over Grid in-loading trucks. Frame footings for affected frames to be re-done;
  - d. Removal of recent emergency storage Temporary Bulk Head 98 and install access road for stacking to the grid (Open Bulk Head 09-10);
  - e. Milling and asphalt sealing of Open Bulk Head 12-14 at existing levels;
  - f. Upgrade to 1.8m frames to Open Bulk Head 12-14, including frame footings;
  - g. Necessary drainage works to accommodate the stormwater runoff from the works, including open drains, culverts and drainage basins, as outlined in Attachment 12.1A, subject to;
    - i. The development and implementation of a revised Storm Water Management Plan to the satisfaction of the Shire of Merredin;
    - ii. The area forming part of the development approval shall not be used until such time as all recommendations in the revised Stormwater Management Plan have been implemented in full to the satisfaction of the Shire of Merredin.
2. **AUTHORISES the Shire of Merredin Executive Manager Engineering Services to approve a revised Stormwater Management Plan that is considered to be satisfactory on behalf of Council;**
3. **ADVISES the applicant that if the development, the subject of this approval, is not substantially commenced within a period of 24 months from the date of the approval, the approval will lapse and be of no further effect. For the purposes of this condition, the term “substantially commenced” has the meaning given to it in the Planning and Development (Local Planning Schemes) Regulations 2015 as amended from time to time; and**

83311

4. **ADVISES** the applicant that if the applicant is aggrieved by this determination, there is a right of review by the State Administrative Tribunal in accordance with the Planning and Development Act 2005 Part 14. An application must be made within 28 days of the determination.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

Scour – Northern  
Drain – Main Basin



Culvert from Northern  
Drain to Main Basin  
95% Blocked - Outlet



Culvert from Northern  
Drain to Main Basin  
95% Blocked - Outlet



Culvert from Northern  
Drain to Main Basin  
Inlet - Clear



Culvert from Northern  
Drain to Main Basin  
Inlet – Clear  
Outlet – 95% Blocked



Culvert from Northern  
Drain to Main Basin  
Silt build up – Outlet Side





Scour & Erosion  
Main Basin – North  
Western



Scour & Erosion  
Main Basin – North  
Western



Scour & Erosion  
Main Basin – Western Side



Silt  
Culvert Inlet – Western Side  
Main Basin



Silt Built up  
Culvert Outlet – Western Side  
Main Basin



Culvert from Western Drain to  
Main Basin  
95% Blocked - Outlet









# Check Dams

## DRAINAGE CONTROL TECHNIQUE

Low Gradient	✓	Velocity Control	✓	Short Term	✓
Steep Gradient		Channel Lining		Medium-Long Term	✓
Outlet Control		Soil Treatment		Permanent	[1]

[1] Though not generally considered as permanent structures within drainage channels, rock check dams have been used in stormwater treatment swales to improve retention time and increase sedimentation. Permanent rock check dams can also be used to form a stable, terraced invert within mild-sloping (<10%) table drains. Permanent checks dams, however, can cause mowing problems.

**Symbol** (refer to Table 2)



Photo 1 – Sandbag check dams

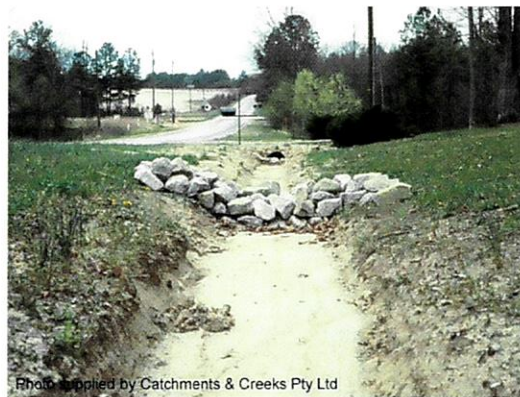


Photo 2 – Rock check dam

### Key Principles

1. The primary function of check dams is to control flow velocities within unlined drains. Most check dams, however, will also trap small quantities of sediment, thus allowing these structures to act as both *drainage* and *sediment* control devices.
2. Sediment control does **not** have to be considered a performance objective in all cases.
3. Hydraulic performance is governed by the height and spacing of the dams. The spacing of check dams down a drain varies with the slope of the drain and the height of each dam.
4. It is critical to ensure the check dams do not cause flow to unnecessarily spill out of the drain possibly resulting in flooding or erosion problems.
5. The crest of the check should be curved such that flow first spills over the centre of the dam. Use of a flat crest profile can cause erosion (rilling) down the banks of the drain.

### Design Information

Table 2 provides guidance on the attributes and typical usage of various types of check dams, it is summarised in Table 1.

Table 1 – Summary of technique selection

Type of check dam	Typical conditions of use
Fibre rolls, Triangular & Sandbag check dam	<ul style="list-style-type: none"> <li>• Drains less than 500mm deep</li> </ul>
Rock check dam	<ul style="list-style-type: none"> <li>• Drains more than 500mm deep</li> </ul>
Compost-filled bags	<ul style="list-style-type: none"> <li>• Situations where velocity control and enhanced stormwater treatment (filtration and adsorption) is required</li> </ul>

Table 2 – Typical use of the various types of check dams

Technique	Code	Symbol <sup>[1]</sup>	Attributes and typical usage
Fibre rolls	FCD	→ FCD →	<ul style="list-style-type: none"> <li>• Biodegradable (jute/coir) logs.</li> <li>• Used in wide, shallow drains where the logs can be successfully anchored down.</li> <li>• Used in locations where it is desirable to allow the fibre roll to integrate into the vegetation, such as vegetated channels.</li> <li>• Can be used as a minor sediment trap.</li> </ul>
Rock check dams	RCD	→ RCD →	<ul style="list-style-type: none"> <li>• Constructed from 150 to 300mm rock.</li> <li>• Best used <b>only</b> in drains at least 500mm deep, with a gradient less than 10%.</li> <li>• Should only be used in locations where it is known that they will be removed once a suitable grass cover has been established.</li> <li>• Can also be used as a minor sediment trap.</li> </ul>
Recessed rock check dams	RRC	→ RRC →	<ul style="list-style-type: none"> <li>• Constructed from minimum 200mm rock.</li> <li>• Used in wide, shallow, high velocity channels to prevent uncontrolled gully erosion during the revegetation period.</li> <li>• These are specialist hydraulic structures requiring specialist knowledge for their proper usage.</li> </ul>
Sandbag check dams (including compost-filled bags)	SBC	→ SBC →	<ul style="list-style-type: none"> <li>• Sandbags are typically filled with sand, aggregate, gravel, or compost.</li> <li>• Compost filled bags are considered to provide improved water treatment through filtration and adsorption. This system included compost-filled <i>Filter Socks</i>.</li> <li>• Typically used in drains less than 500mm deep, with a gradient less than 10%.</li> <li>• These check dams are typically small (in height) and therefore less likely to divert water out of the drain.</li> <li>• Can be used as a minor sediment trap.</li> </ul>
Stiff grass barriers	SGB	■ SGB ■	<ul style="list-style-type: none"> <li>• Requires long establishment times.</li> <li>• Typically used as a component of long-term gully stabilisation in rural areas.</li> <li>• Most suited to sandy soils.</li> <li>• Can be used as a minor sediment trap.</li> </ul>
Triangular ditch checks	TDC	→ TDC →	<ul style="list-style-type: none"> <li>• Manufactured from re-useable, porous, solid frame, PVC mesh.</li> <li>• Commonly used to stabilise newly formed, wide, shallow drains.</li> <li>• Used in drains with less than 10% gradient.</li> <li>• Can be used as a minor sediment trap.</li> </ul>

[1] The check dam symbol is usually not used on ESC plans; instead the use of check dams is normally specified within technical notes listed on the plans. A table may be included within the ESCP to provide details on the type of check dam used at specific locations within the site.

Typical maximum channel gradient of 10% (1 in 10). Preference should be given to the use of a suitable channel lining if the drain or chute is steeper than 10%.

Check dams are spaced down the drain such that the crest of the check dam is level with the toe of the immediate upstream check dam (as shown in Figures 1).

Maximum recommended crest height of around 500mm. Check dams with a height exceeding 500mm should be checked for hydraulic stability.

Maximum slope of the face of rock check dams is 2:1 (H:V). For check dams higher than 500mm, the slope of the **downstream** face may need to be significantly flatter than a 2:1.

The crest of the check dam should be curved such that flow first spills over the centre of the dam. Ideally, the crest of each dam should be at least 150mm lower than the bank elevation at the outer edges of the structure.

The purpose of a curved crest profile is to:

- minimise the quantity of water bypassing around the edge of the check dam; and
- to concentrate flow into the centre of the channel.

Use of a flat crest profile can cause erosion (rilling) down the banks of the drain.

For sandbag check dams placed in shallow profile drainage channels, such as some table drains, it may be necessary to remove one or two sandbags from the centre of the structure (refer to Photo 3) to promote flow at the centre of the drain. The sandbags may also need to be placed in a curved (concave) horizontal profile to minimise flow bypassing around the ends of the dam (this can also be seen in Photo 3).

Check dams should not be used to control erosion within drains formed from dispersive soil (Photos 9 & 10). In such cases, the exposed dispersive soil should be covered with non-dispersive soil, then stabilised with an appropriate channel liner.

In circumstance where the use of check dams could cause such a significant reduction in the drain's hydraulic capacity to force water out of the drain resulting in either traffic safety issues (table drains) or flooding of adjacent properties, then the design options are:

- select an appropriate channel lining such that the use of check dams within the drain will no longer be required;
- perform an appropriate hydraulic analysis on the check dams to ensure that adequate hydraulic performance of the drain is maintained (refer over-page for guidance on such hydraulic analysis).

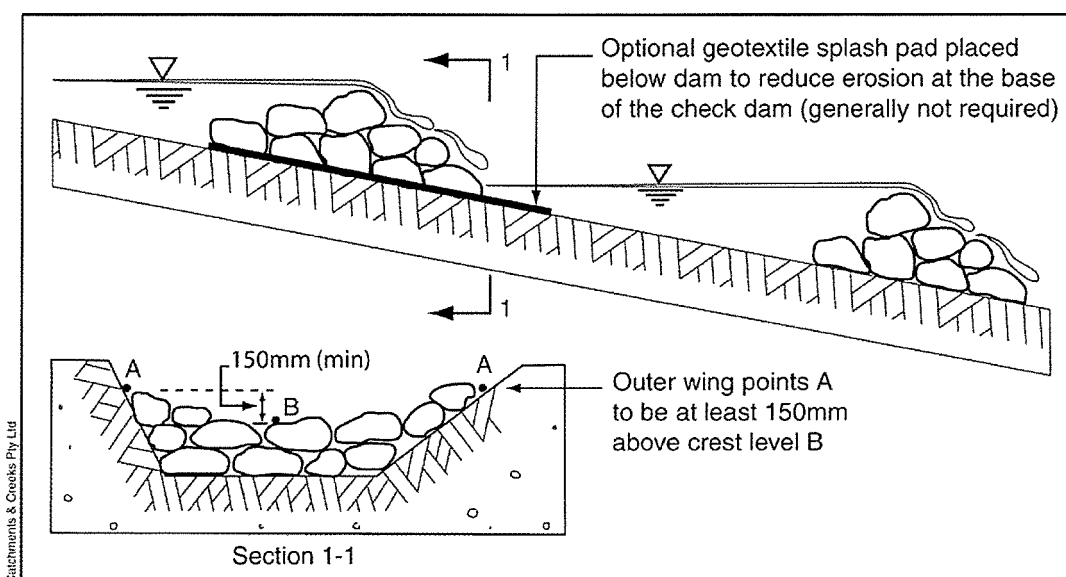


Figure 1 – Profile of temporary check dams



**Photo 3 – Sandbag check dam**



**Photo 4 – Fibre rolls**



**Photo 5 – Triangular ditch checks**



**Photo 6 – Stiff grass barrier (background)**



**Photo 7 – Poor placement of rocks, note rocks are higher in centre of check dam**



**Photo 8 – Retained rock check dams can interfere with ongoing mowing**



**Photo 9 – Typical erosion problem when placed in dispersive soil**



**Photo 10 – Typical erosion problem when placed in dispersive soil**

**Erosion control at toe of check dams:**

Erosion downstream of each check dam will be minimised if the dams are correctly spaced such that the crest of each dam is level with the toe of the nearest upstream dam.

Where necessary, the risk of erosion at the toe of each check dam may be reduced by constructing each check dam on a sheet of geotextile fabric (e.g. filter cloth or woven fabric) that extends downstream of the dam a distance at least equal to the height of the dam (Figure 1).

**Hydraulic design:**

In general, a hydraulic analysis is not normally performed on check dams as their use should be restricted to those locations where they are unlikely to cause hydraulic problems. However, in circumstance where use of check dams could cause either traffic safety issues (table drains) or flooding of adjacent properties, then a hydraulic analysis will be required.

As a quick check, Table 3 can be used to assess the hydraulic capacity of a proposed check dam. Table 3 provides the maximum discharge for a given maximum water level (H) and check dam width (W). The table is based on a check dam with a **flat crested**, trapezoidal weir profile with side slopes of 1 in 2 (Figure 2) using Equation 1.

$$Q = 1.7 WH^{1.5} + 2.5 H^{2.5} \tag{Eqn 1}$$

**Table 3 – Assumed hydraulic capacity of check dam<sup>[1]</sup> (m<sup>3</sup>/s)**

Allowable upstream head (H) metres	Check dam flat crest width (W) metres				
	1.0	1.5	2.0	2.5	3.0
0.1	0.06	0.09	0.12	0.14	0.17
0.2	0.20	0.27	0.35	0.43	0.50
0.3	0.40	0.54	0.68	0.82	0.96
0.4	0.69	0.90	1.12	1.33	1.55
0.5	1.05	1.35	1.65	1.95	2.25
0.6	1.49	1.89	2.28	2.68	3.07
0.7	2.03	2.53	3.02	3.52	4.02
0.8	2.66	3.27	3.88	4.48	5.09
0.9	3.39	4.11	4.84	5.57	6.29
1.0	4.22	5.07	5.92	6.77	7.62

[1] Hydraulics is based on a flat crested, trapezoidal weir profile with a side slope of 2:1 (H:V).

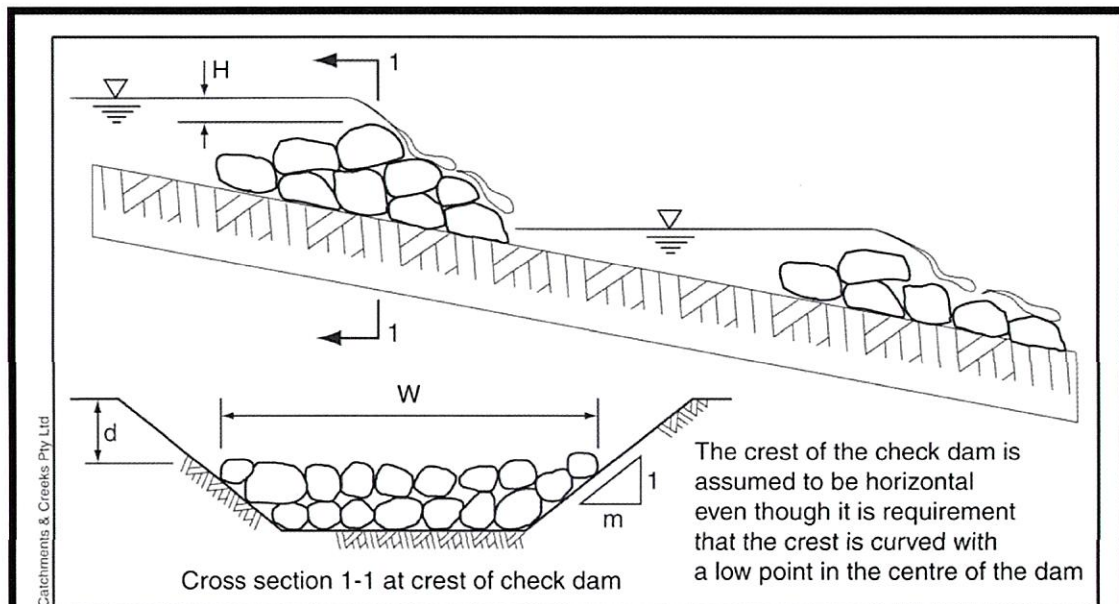
If the side slopes of the drainage channel is not 2:1 (H:V), then the appropriate weir equation is:

$$Q = 1.7 WH^{1.5} + 1.26 m H^{2.5} \tag{Eqn 2}$$

where:

- Q = Discharge passing over the check dam (m<sup>3</sup>/s)
- W = Crest width of the check dam crest (m)
- H = Upstream water head relative to the crest of the check dam (m)
- m = Channel side slope, m:1 (H:V)

**Both Equations 1 and 2 assume a flat crested weir profile; however, it is a requirement that check dams must have a curved crest with a minimum 150mm depression (Figure 1). Thus, Equations 1 and 2, and Table 3, all overestimate the hydraulic capacity of check dams. Therefore, a conservative design approach is required.**



**Figure 2 – Assumed check dam profile for Equations 1 and 2**

**Design example 1:**

Determine the maximum allowable height of rock check dams placed along a channel that has a base width of 1.0m and side slopes of 3:1 (m:1). The total depth of channel is 0.7m and the required flow rate is 0.4m<sup>3</sup>/s. (note; this is the required allowable flow rate during the operational phase of the check dams, which may be different from that specified for design of the drain, especially if the drain is a permanent structure).

Solution:

The difficulty here is that the crest width of the check dam (W) will vary with the height of the dam, which is the variable that we are trying to determine. Therefore we will need to answer this question using a trial and error process.

As a first guess, try the maximum recommended check dam height of 0.5m. This means the maximum allowable upstream head (H) is 0.7 - 0.5 = 0.2m.

Thus the check dam crest width is:

$$W = (\text{bed width of channel}) + 2 \cdot (\text{side slope, } m) \cdot (\text{height of check dam})$$

$$W = 1.0 + 2(3)(0.5) = 4\text{m}$$

Using Equation 2, the maximum allowable discharge (i.e when H = 0.2m) is:

$$Q = 1.7 W H^{1.5} + 1.26 m H^{2.5} = 1.7(4)(0.2)^{1.5} + 1.26(3)(0.2)^{2.5} = 0.68\text{m}^3/\text{s} > 0.4\text{m}^3/\text{s}$$

Therefore the available hydraulic capacity of 0.68m<sup>3</sup>/s is greater than the required hydraulic capacity of only 0.4m<sup>3</sup>/s, thus the check dam height will be limited to the maximum recommended height of 0.5m.

**Design example 2:**

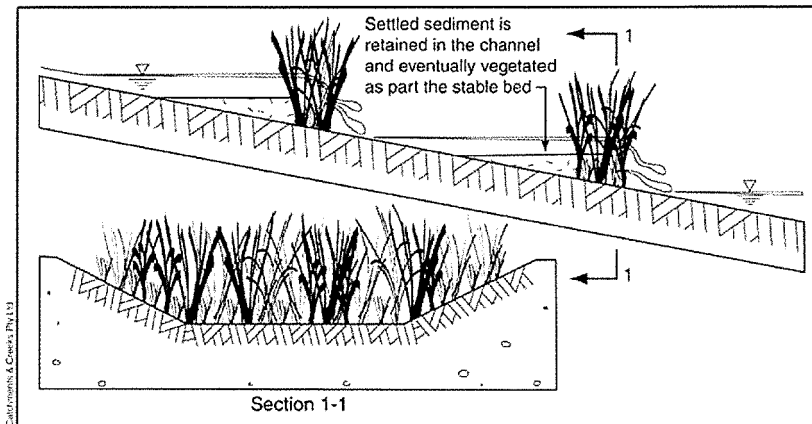
Determine the maximum allowable flow rate (Q) for a check dam in a drainage channel with side slopes of 2:1; check dam crest width, W = 2m; and maximum allowable upstream hydraulic head, H = 0.4m.

Solution:

Given the side slope is 2:1 (H:V), we can use Table 3 to answer this question. From Table 3 it can be seen that the maximum allowable flow rate is around, Q = 1.12m<sup>3</sup>/s (note, Table 3 overestimates the available hydraulic capacity if the check dam has a curved, U-shaped crest).

**Stiff grass barriers:**

Stiff grass barriers (Figure 3) are typically used as a component of long-term gully stabilisation in rural areas. The most common grass species is the sterile form of vetiver zizanoides.



**Figure 3 – Stiff grass barriers**

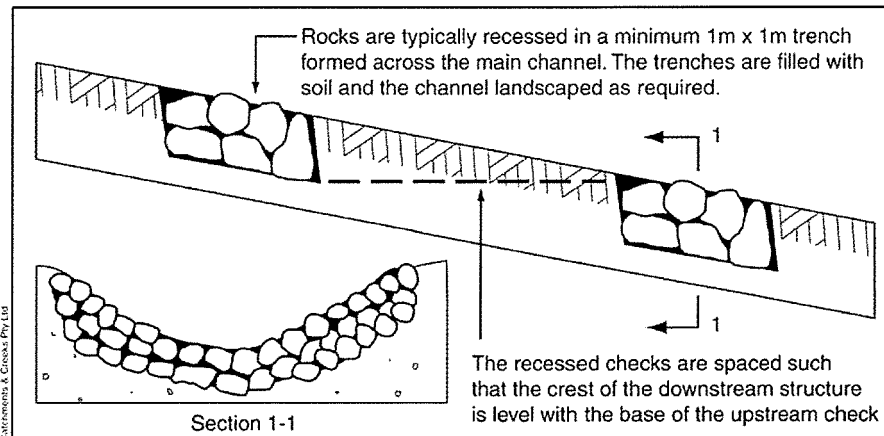
**Recessed rock check dams:**

Recessed rock check dams can be used to:

- Control flow velocities in wide, shallow channels (typically less than 500mm deep) where other types of check dams, such as sandbags, are expected to wash away. In such cases the check dams are partially recessed into the channel bed.
- Control flow velocities and erosion in high velocity channels where a large rock size (greater than 300mm) is required, but the channel is too shallow to accommodate such rocks being placed directly on the channel bed. In such cases the check dams are partially recessed into the channel bed.
- Limit potential future gully erosion within constructed waterways and vegetated drainage channels. In such cases the rocks are recessed into the bed of the channel so that the top of each check dam is just below the bed of the channel (Figure 4).

In this latter case, the recessed rock checks (these are technically not 'dams') are used as an 'insurance policy' against possible future channel erosion, especially during the vegetation establishment phase when the channel roughness is significantly less than the assumed ultimate condition. The intension is to limit the extent and depth of any channel erosion between each recessed check structure. If erosion does not occur, then the check dams remain buried and incorporated into the stable channel profile.

Following installation of the recessed rock checks, the rocks are covered with soil (including the filling of all voids) and vegetated to fully incorporate the rock into the channel.



**Figure 4 – Fully recessed rock check dams**

## Description

Check dams can be constructed from semipervious or impervious materials, typically rock or sandbags filled with a variety of porous materials.

Check dams should **not** be constructed from straw bales.

Rock check dams may be recessed into the channel bed to allow the use of larger sized rock, and/or to limit the crest height of the dams.

## Purpose

Used to reduce flow velocity and the resulting erosion within:

- temporary, open earth channels;
- permanent vegetated channels during the plant establishment phase.

Check dam can also provide limited sediment trapping ability, but usually as a secondary function.

## Limitations

Check dams are normally limited to mild sloping channels less than 10% grade.

Typical maximum height of 500mm.

Generally not used in watercourses. Instead, consider the used on *Sediment Weirs*, *Rock Filter Dams*, or formally designed rock weirs or drop structures.

Should not be placed directly on dispersive soils, or within drains cut into dispersive soils.

## Advantages

Quick and inexpensive to install.

Low maintenance.

## Disadvantages

Rock check dams can cause damage to grass cutting equipment if not removed from the channel after vegetation has been established (Photo 8).

## Common Problems

Hydraulic problems often occur when rock check dams are specified in shallow drains.

Erosion can occur around the edges of the check dams, especially if installed with a flat crest.

Inappropriate spacing of the dams. This usually results from inadequate installation information supplied on the ESCPs.

## Special Requirements

If soils are highly erosive (but not dispersive), then consider the use of an underlying geotextile skirt placed under each check dam (Figure 1).

Appropriate care must be taken to prevent failure caused by water undermining or bypassing round the dams.

## Site Inspection

Check for invert erosion within the channel being stabilised with check dams.

Ensure the type of check dam is appropriate for the flow conditions and type of drainage channel.

Ensure the crest is below the height of the outer wings of the dams (refer to Figure 1).

Ensure the dams are appropriately spaced.

## Materials

- Rock: 150 to 300mm nominal diameter, hard, erosion resistant rock. Smaller rock may be used if suitable large rock is not available.
- Sandbags: geotextile bags (woven synthetic, or non-woven biodegradable) filled with clean coarse sand, clean aggregate, straw or compost.

## Installation

1. Refer to approved plans for location and installation details. If there are questions or problems with the location or method of installation, contact the engineer or responsible on-site officer for assistance.
2. Prior to placement of the check dams, ensure the type and size of each check dams will not cause a safety hazard or cause water to spill out of the drain.
3. Locate the first check dam at the downstream end of the section of channel being protected. Locate each successive check dam such that the crest of the immediate downstream dam is level with the toe of the check dam being installed.
4. Ensure the channel slope is no steeper than 10:1 (H:V). Otherwise consider the use of a suitable channel liner instead of the check dams.
5. Construct the check dam to the dimensions and profile shown within the approved plan.



6. Where specified, the check dams shall be constructed on a sheet of geotextile fabric used as a downstream splash pad.
7. Each check dam shall be extended up the channel bank (where practicable) to an elevation at least 150mm above the crest level of the dam.

#### **Maintenance**

1. Inspect each check dam and the drainage channel at least weekly and after runoff-producing rainfall.
2. Correct all damage immediately. If significant erosion occurs between any of the check dams, then check the spacing of dams and where necessary install intermediate check dams or a suitable channel liner.
3. Check for displacement of the check dams
4. Check for soil scour around the ends of each check dam. If such erosion is occurring, consider extending the width of the check dam to avoid such problems.
5. If severe soil erosion occurs either under or around the check dams, then seek expert advice on an alternative treatment measure.
6. Remove any sediment accumulated by the check dams, unless it is intended that this sediment will remain within the channel.
7. Dispose of collected sediment in a suitable manner that will not cause an erosion or pollution hazard.

#### **Removal**

1. When construction work within the drainage area above the check dams has been completed, and the disturbed areas and the drainage channel are sufficiently stabilised to restrain erosion, all temporary check dams must be removed.
2. Remove the check dams and associated sediment and dispose of in a suitable manner that will not cause an erosion or pollution hazard.

**12.2 Application for Development Approval – Lot 5 Robartson Rd, Merredin Proposed Battery Energy Storage System (BESS)**

<h2 style="margin: 0;">Development Services</h2> 	
<b>Responsible Officer:</b>	Peter Zenni, EMDS
<b>Author:</b>	Paul Bashall – Planwest (WA) Pty Ltd
<b>Legislation:</b>	<i>Planning and Development Act 2005</i> Shire of Merredin Local Planning Scheme No.6
<b>File Reference:</b>	A9722
<b>Disclosure of Interest:</b>	Nil
<b>Attachments:</b>	Attachment 12.2A - Development Application and Supporting Documentation

**Purpose of Report**

- Executive Decision
  Legislative Requirement

To recommend to Council that it notes the application for development approval (DA) for the proposed battery energy storage system on a portion of Lot 5 Robartson Road, Merredin, and approves the advertising of the DA for public comment prior to submitting its Responsible Authority Report (RAR) to the Development Assessment Panel (DAP) for its determination.

**Background**

An application has been received for development approval (DA) from Land Insights, Planning Consultants, on behalf of Nomad Energy.

Lot 5 Robartson Road is located approximately 7.5km south-west of the centre of Merredin and comprises a land area of approximately 61.51ha. Only a small portion (approximately 4ha) of this lot, immediately adjacent to the Merredin Terminal sub-station, will be used for the development.

The subject site is an agricultural property, that does not contain any areas of remnant vegetation and is currently used for cropping and sheep grazing purposes.

Figure 1 provides a location plan of the site.

The proposed development is costed at \$220m and consists of the battery energy storage system facility that is comprised of battery packs, inverters, transformers and control systems, and the associated high voltage substation and additional switch room(s)/control building(s), laydown areas, staff car parking, firefighting equipment, internal roads and a perimeter fence. The Battery Energy Storage System Project will be connected to Western Power’s transmission network at the adjacent Merredin Terminal.

**FIGURE 1 – LOCATION PLAN**



**Source:** Planwest, ESRI

The accompanying report states that the Shire of Merredin (the Shire) has become the renewable energy centre for the Wheatbelt and Western Australia. It pioneered wind turbines and solar farms, generating green energy to replace greenhouse gas emitting sources, and now the next iteration is in the storage and redistribution of this energy via battery energy storage systems.

Nomad Energy (the owner of the project) is an Australian company that has developed more than 500MW of renewable energy projects globally, including Western Australia's largest operational solar farm (Merredin Solar Farm).

Nomad Energy has partnered with Atmos Renewables on this project. Atmos Renewables are one of the top 5 largest owner/operators of utility-scale renewable energy facilities in Australia and currently holds generation assets with a gross capacity in excess of 1.7GW. A core feature of the Nomad – Atmos partnership is the intent to develop, build, own and operate the assets they develop. This strategy demonstrates their long-term approach to the assets, the local communities in which they are situated and to the electricity market this project will ultimately support.

The proximity to Western Power's Merredin Terminal substation was a key consideration when the site was selected and will result in relatively minor works being required to connect the proposed facility to the South West Interconnector System. The battery energy storage system facility will be accessed off Robertson Road and will be securely fenced.

The land is surrounded predominantly by other agricultural properties to the north and west, Western Power's Merredin Terminal to the south and Merredin Solar Farm to the east/southeast. The subject site is in close proximity to other energy infrastructure assets, being the Merredin Energy dual-fuel peaking plant and Merredin Solar Farm (the largest operating solar farm in Western Australia).

Figure 2 shows the site plan with Bushfire Prone mapping data (DFES), a 150m assessment area and the battery development extent area.

**FIGURE 2 – EXTRACT FROM DA SITE PLAN**



**Source:** Land Insights, Bushfire Prone Planning, DFES, Planwest

The closest sensitive receptor is over 2km away from the site. To the south and west of the subject site sits the energy infrastructure assets mentioned previously, to the north east of the subject site at Lot 15490 is a lot reserved for parks and recreation under the Shire of Merredin Local Planning Scheme No.6, known as Merredin Nature Reserve. The applicant considers that, given the nature of the facility, it is unlikely that there will be any offsite impacts and the balance of the Lot will be retained for rural / agricultural purposes.

The DA is accompanied by a comprehensive Bushfire Management Plan (BMP) prepared by Bushfire Prone Planning. Although Lot 5 is affected by the Bushfire Prone mapping, the proposed development site is about 200m from the nearest mapped area (as per DFES data). Notwithstanding this distance, the BMP is deemed necessary as the proposed use class is considered a high-risk land use.

The BMP deals with risk issues that are better assessed by agencies specialising in these areas rather than from a planning perspective. During the advertising period, the DA will be forwarded to DFES, amongst others, for comment.

The BMP looks at:

- Assessment of potential bushfire impact;
- Environmental conservation;
- Assessment of the development's ability to acceptably mitigate bushfire risk through application of required and/or additional bushfire protection measures; and

- Creation of responsibilities to implement and maintain protection measures.

Comment
---------

The proposed development:

- Is consistent with the Council’s ambition to be a centre for renewable energy systems;
- Is logically located close to the source of renewable power systems;
- Is located near an entry point to the national power grid;
- Is more than 200m from the nearest bushfire prone area;
- Will have no impact on remnant vegetation, flora or fauna; and
- Will cause minimal loss of agricultural land.

The other matters to be considered include:

- Disruption during construction;
- Public and aviation safety;
- Noise; and
- Visual impact.

### **Strategic Considerations**

The existing Shire of Merredin Local Planning Strategy (the Strategy) does not provide many details outside the main townsite area of Merredin. The district map of the Strategy designates the subject land as ‘General agriculture zone’. At the time of drafting the Strategy, renewables were not a significant land use that required consideration.

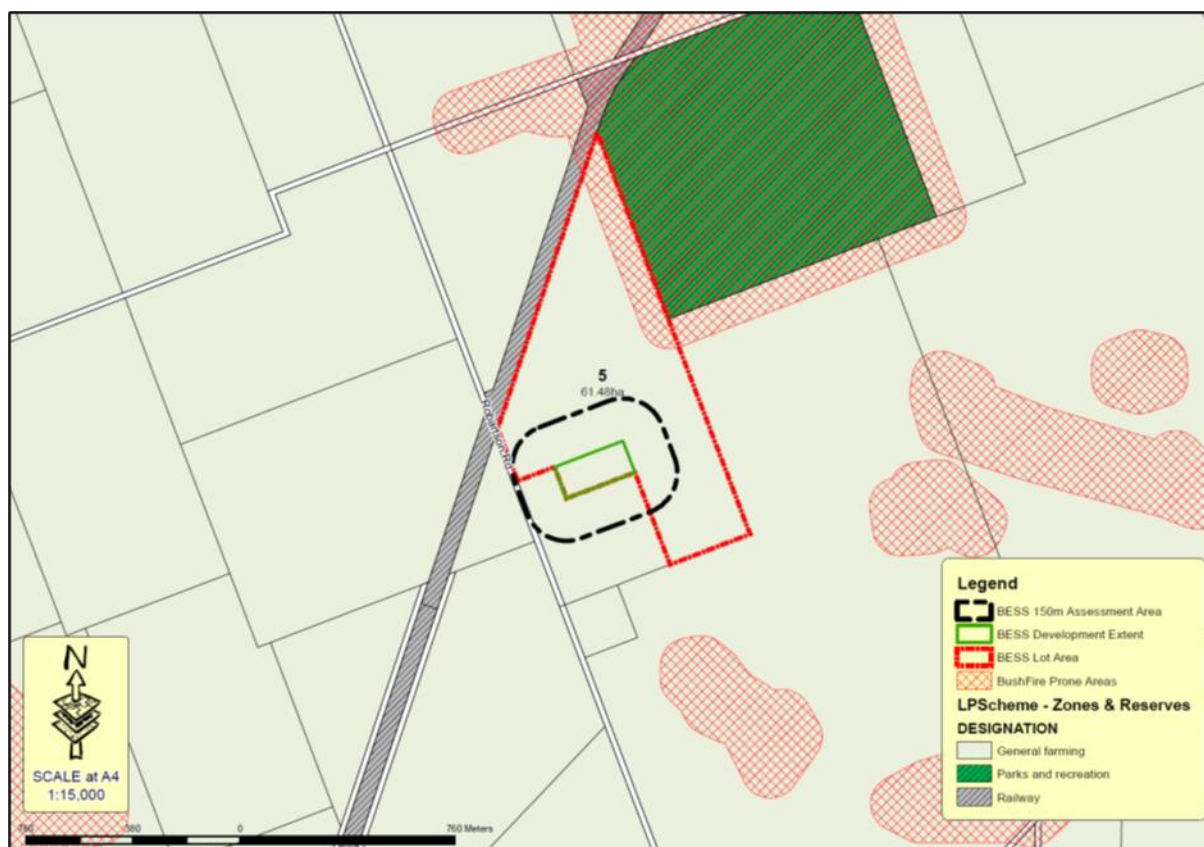
### **Storm Water Management**

Storm water management will need to be addressed via a drainage strategy that is acceptable to the Shire’s engineers. This will ensure that any drainage from the site will be managed on the site and will not impact any neighbouring properties or public infrastructure like roadways, road reserves and other reserves.

### **Statutory Considerations**

Figure 3 provides an extract from the Local Planning Scheme No 6 (the Scheme) showing the subject land zoned ‘General Farming’.

**FIGURE 3 – SCHEME MAP EXTRACT (and BUSHFIRE PRONE MAPPING)**



**Source:** Landgate, DPLH, Planwest

Table – Zoning Table in the Scheme does not specifically list a use class for battery storage, however there are two options of dealing with the proposal.

The first is to accept the use as falling within the use class of ‘Service utility’ which is defined as -

*Service utility - means any work or undertaking constructed or maintained by a service authority or the local government as may be required to provide water, sewerage, electricity, gas, drainage, waste, communications or other similar services.*

A service utility is a ‘D’ use in a General Farming zone. A ‘D’ use means that the use is not permitted unless the local government has exercised its discretion by granting development approval. It may be argued that the service utility proposed is not constructed by a service authority or a local government.

The second option is to treat the proposed use class as a use not listed. Clause 3.4.2 of the Scheme states that;

*If a person proposes to carry out on land any use that is not specifically mentioned in the Zoning Table and cannot reasonably be determined as falling within the type, class or genus of activity of any other use category the local government may –*

- a. determine that the use is consistent with the objectives of the particular zone and is therefore permitted;*
- b. determine that the use may be consistent with the objectives of the particular zone and thereafter follow the advertising procedures of clause 64 of the deemed provisions in considering an application for development approval; or*

- c. *determine that the use is not consistent with the objectives of the particular zone and is therefore not permitted.*

In either option the proposal will need to be advertised to invite submissions from service agencies and the public.

### **Environmental Impact**

The proposal affects about 4 hectares of general farming land of the 61-hectare lot. The area not affected by the proposed development will continue to be used for rural and agricultural purposes.

The BMP provides an assessment of the bushfire risk and suggests certain measures that need to be adopted to minimise the potential bushfire risk.

The DA provides a visual assessment that concludes that the new infrastructure will not have a significant visual impact on the environment given its proximity to the existing power terminal. Prior to a determination of the DA there may need to be a requirement for landscaping where the Shire considers the views from public places will be detrimentally impacted.

The DA discusses the preparation of a Construction Management Plan (CMP) that will coordinate phases of the development including, temporary accommodation, laydown areas, access for delivery of equipment and temporary ablutions and amenities.

The detail of the CMP will need to be prepared and implemented to the satisfaction of the local government to ensure all temporary works and structures are removed on completion of the construction.

The CMP will need to include a Transport Impact Assessment that is prepared and implemented to the satisfaction of the local government. This will ensure minimal damage to local road infrastructure, maintain safety while accessing the site and minimise any impact to local drainage systems.

### **Building Requirements**

The Shire has previously sought and obtained clarification from the Building Commission that power storage containers (batteries) are not considered buildings (roofed structures), nor incidental structures (associated with a building) and as such do not require a building permit from the Shire prior to their erection on site. However, buildings that will house staff and are accessible by the public such as site offices etc will still require building permits from the Shire.

### **Policy Implications**

Nil

### **Statutory Implications**

Compliance with the Shire of Merredin Local Planning Scheme No.6


### **Strategic Implications**

∅ Strategic Community Plan

Theme: 4. Communication and Leadership

Service Area Objective: 4.2 Decision Making

4.2.3 The Council is well informed in their decision-making, supported by a skilled administration team who are committed to providing timely, strategic information and advice.

 Corporate Business Plan
---

Theme: 5. Places and Spaces.

Priorities: Nil

Objectives 5.4 Town Planning & Building Control.  
5.4.2 The Shire has a current local planning scheme and associated strategy which is flexible and able to suitably guide future residential and industrial growth.

### Sustainability Implications

 Strategic Resource Plan
---

Nil

### Risk Implications

Although the development site is about 200m from the nearest bushfire prone are (as per DFES data) the proposed use class is considered a high-risk land use. Compliance with the recommendations of the BMP is critical to minimising the fire risk on an on-going basis.

### Financial Implications

The relevant development application fees have been paid.

### Voting Requirements



Simple Majority



Absolute Majority

### Resolution

Moved: Cr Crook

Seconded:

Cr Simmonds

That Council:

1. **NOTES** the receipt of the application for Development Approval for the proposed Battery Energy Storage System to be located on a portion of Lot 5 Robartson Road, Merredin;
2. **ADVISES** the Development Assessment Panel of the application for Development Approval by forwarding the lodged documentation;
3. **ADVERTISES** the application for Development Approval for a period of 21 days for public submissions, neighbours and agencies being advised of the advertising period. These agencies, amongst others, will include:
  - a. Department of Fire and Emergency Services (DFES);
  - b. Department of Water and Environmental Regulation (DWER);
  - c. Environmental Protection Authority (EPA);

83312



- d. Department of Biodiversity, Conservation and Attraction (DBCA);
  - e. Western Power (WP);
  - f. Civil Aviation Safety Authority (CASA); and
4. NOTES that all submissions received during the advertising period will be brought back to Council for its consideration prior to submitting its Responsible Authority Report to the Development Assessment Panel for its determination.

#### Footnotes

1. The applicant is advised that Council will consider all submissions received during the advertising period, however it is likely to require at least the following conditions;
  - The submission and approval of a dedicated Construction Management Plan, including a transport impact assessment, details showing the proposed interim and longer-term facilities including building/structure setbacks, carparking facility, landscaping/ screening etc;
  - The submission and approval of a dedicated Drainage Management Plan;
  - The design and location of on-site effluent systems for the construction phase, as well as the longer term;
  - The removal of all construction infrastructure once the facility has been completed to the satisfaction of the local government; and
  - The approval of any crossovers required by the development;
2. The applicant is advised that granting of development approval does not constitute a building permit and that an application for relevant building permits must be submitted to the local government and be approved before any work requiring a building permit can commence on site;
3. The applicant is advised that effluent disposal facilities will require an application for the installation or construction of an apparatus for the treatment of sewage to be submitted to the local government, and be approved, before any work can commence on the installation of an onsite effluent disposal system; and
4. The applicant is advised of the need for compliance with the local government annual Firebreak Notice.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

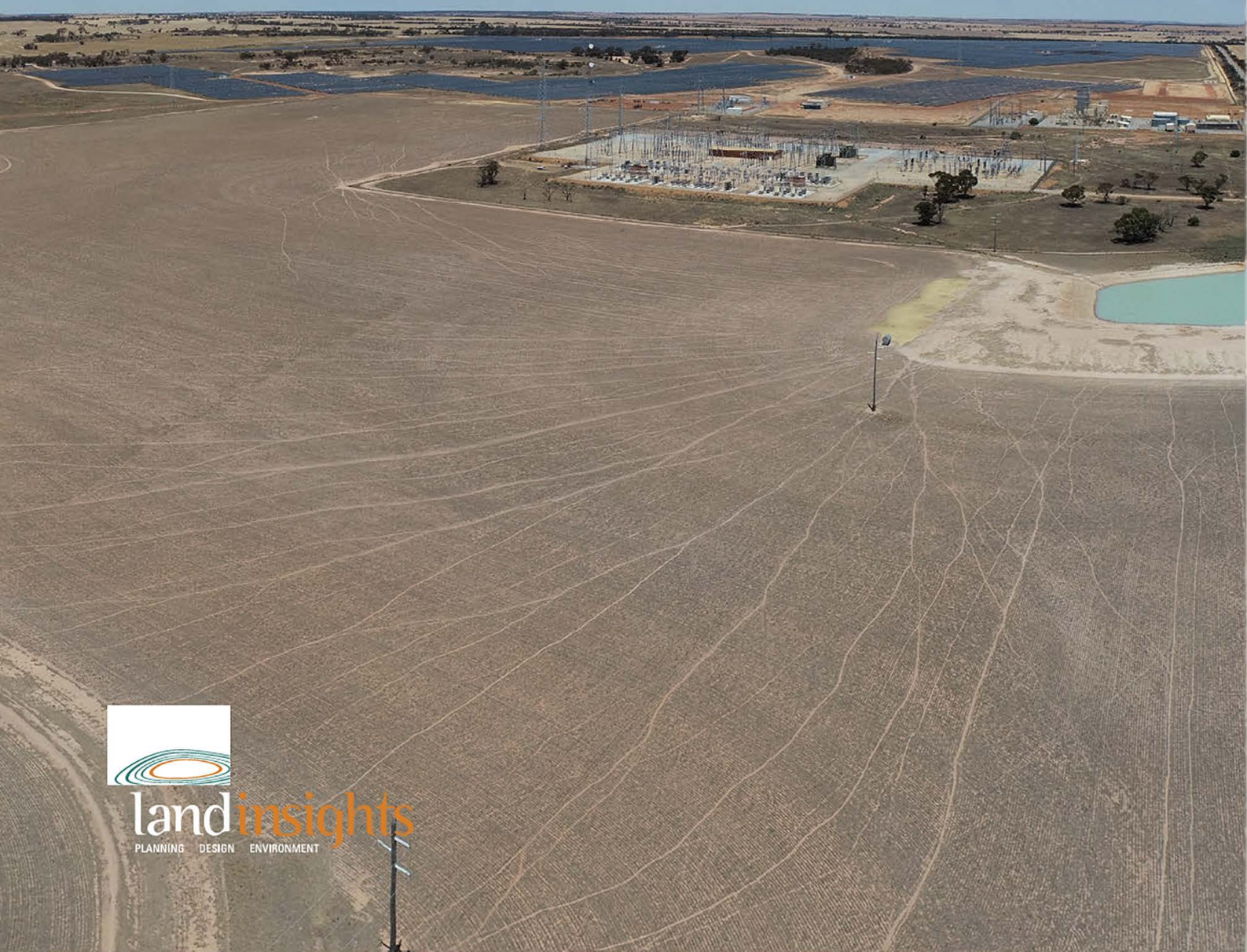
*Against: Nil*

# PROPOSED BATTERY ENERGY STORAGE SYSTEM

PREPARED FOR NOMAD ENERGY

LOT 5 ROBERTSON ROAD, MERREDIN

DECEMBER 2023



Prepared by:  
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Dec-23	1	RH	Client comments incorporated	Dec-23

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**COVER PHOTO:**

Proposed BESS site, with Western Power Merredin Terminal, Merredin Energy Peaking Plant and Merredin Solar Farm in the background.

Photo credit: Land Insights, November 2023

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# 1.0 introduction

## 1.1 BACKGROUND AND CONTEXT

Land Insights act for Nomad Energy, who are seeking development approval to establish a Battery Energy Storage System (BESS) at Lot 5 (on Diagram 67824) Robartson Road, Merredin (the “subject site”). The proposed development will consist of the BESS facility (comprised of battery packs, inverters, transformers and control systems) and the associated high voltage substation and additional switch room(s)/control building(s), laydown areas, staff car parking, required firefighting equipment, internal roads and a perimeter fence. The BESS project will connect to Western Power’s transmission network at the adjacent Merredin Terminal.

The Shire of Merredin has become the renewable energy focus for the wheatbelt and Western Australia. It pioneered wind turbines and solar farms generating green energy to replace greenhouse gas emitting sources, and now the next iteration is in the storage and redistribution of this energy via battery energy storage systems (BESS). The area is continuing to advance the cooperative practices of energy farms and conventional farming.

The subject site is an agricultural property, does not contain any areas of remnant vegetation and is currently used for cropping and sheep grazing purposes. It is located approximately 7.5km south-west of the centre of the town of Merredin and comprises a land area of approximately 61.51ha. Only a small portion (approximately 4ha) of this lot, immediately adjacent to the Merredin Terminal sub-station, will be utilised for the development. The proximity to Western Power’s Merredin Terminal substation was a key consideration when selecting the site location, and will result in relatively minor works being required to connect the proposed facility to the South West Interconnector System (SWIS). The BESS facility will be accessed off Robartson road and will be securely fenced.

## 1.2 ABOUT NOMAD ENERGY

Nomad Energy is an Australian company who has developed more than 500MW of renewable energy projects globally, including Western Australia’s largest operational solar farm (Merredin Solar Farm). Nomad Energy has partnered with Atmos Renewables on this project, who are one of the top 5 largest owner / operators of utility-scale renewable energy facilities in Australia and currently hold generation assets with a gross capacity in excess of 1.7GW. A core feature of the Nomad – Atmos partnership is the intent to develop, build, own and operate the assets we develop. This strategy

demonstrates our long-term approach to the assets, the local communities in which they are situated and to the electricity market this project will ultimately support. The partnership has offices in Perth, Melbourne and Sydney and has over 30 employees across Australia.

## 1.3 LAND DESCRIPTION

The subject site is approximately 260km east of Perth and 7.5 kilometres southwest of Merredin. It is surrounded predominantly by other agricultural properties to the north and west, Western Power’s Merredin Terminal to the south and Merredin Solar Farm to the east/southeast. The subject site is in close proximity to other energy infrastructure assets being the Merredin Energy dual-fuel peaking plant and Merredin Solar Farm (the largest operating solar farm in Western Australia).

The site comprises one single freehold land. An easement (refer to yellow hatch) affects a portion of the lot, and there is one reserve (Merredin Nature Reserve, green hatch) abutting the eastern boundary. Table 1 below outlines the Certificate of Title details for the subject site that forms part of this application, and a copy of the Title can be found at Appendix A of this report.

*Table 1 – Certificate of Title details*

Lot	Volume / Folio	Registered Proprietor
Lot 5	1695 / 263	Ross Milton Robartson

### EXISTING USE

The site is located on cleared and disturbed land which is currently used as a rural farming property, predominantly for cropping and sheep grazing.

As shown below in Figure 1 & 2 – Site Context/Location the site is cleared of vegetation, will have minimal visual impact on neighbouring properties and is located adjacent to the north of the Western Power terminal, making this site highly suitable for the proposed BESS facility.

## SURROUNDING LAND

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Surrounding land uses include energy infrastructure (Western Power's Merredin Terminal), energy generation facilities (Merredin Energy peaking plant and Merredin Solar Farm) as well as agricultural (cropping and grazing) land. The closest sensitive receptor is over 2km away from the site. To the south and east of the subject site sits the energy infrastructure assets mentioned previously, to the north east of the subject site at Lot 15490 is a lot reserved Parks and Recreation under the Shire of Merredin Local Planning Scheme No.6, known as Merredin Nature Reserve. Given the nature of the facility it is unlikely that there will be any offsite impacts and the balance of the Lot will be retained for rural / agricultural purposes.

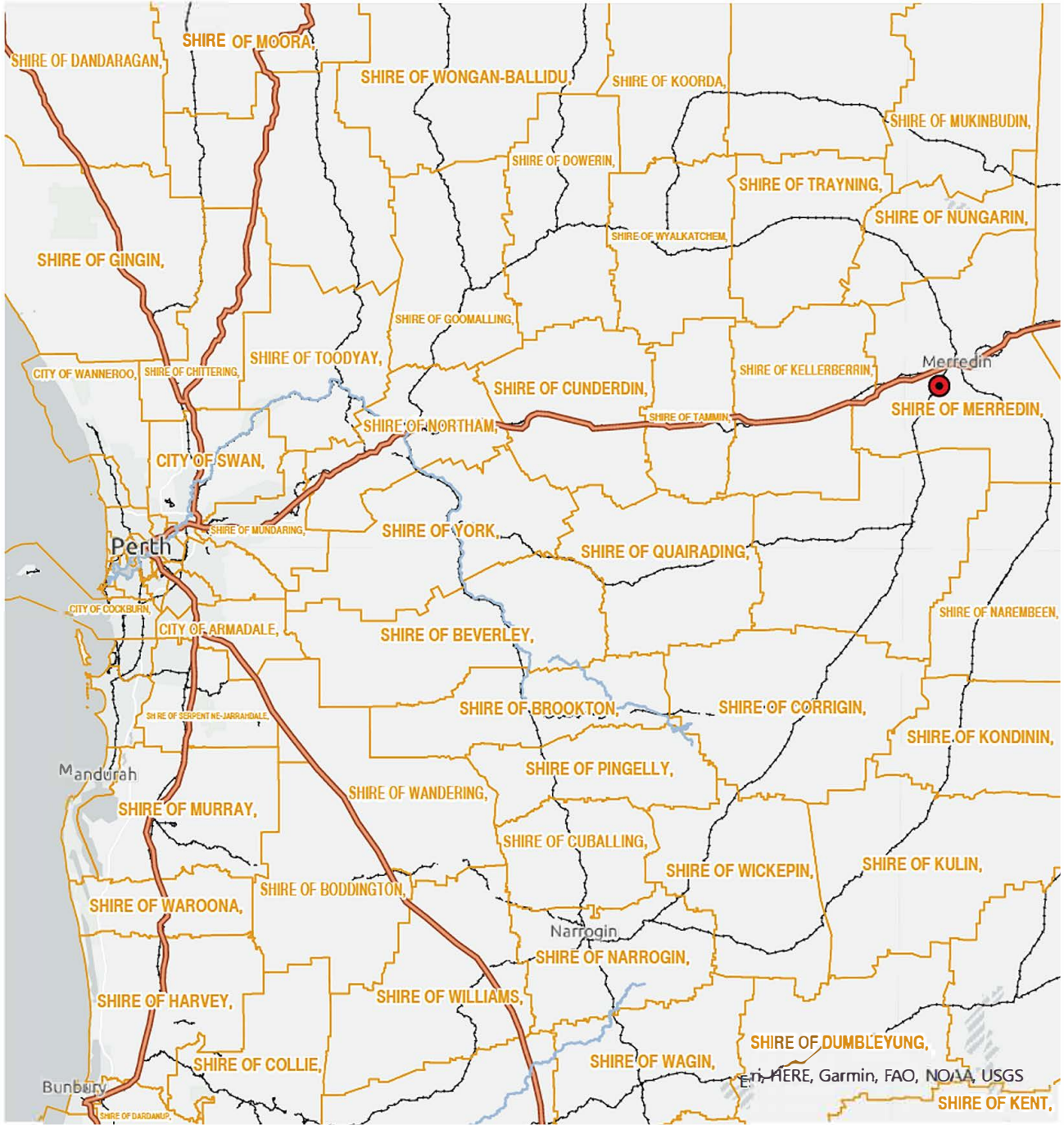
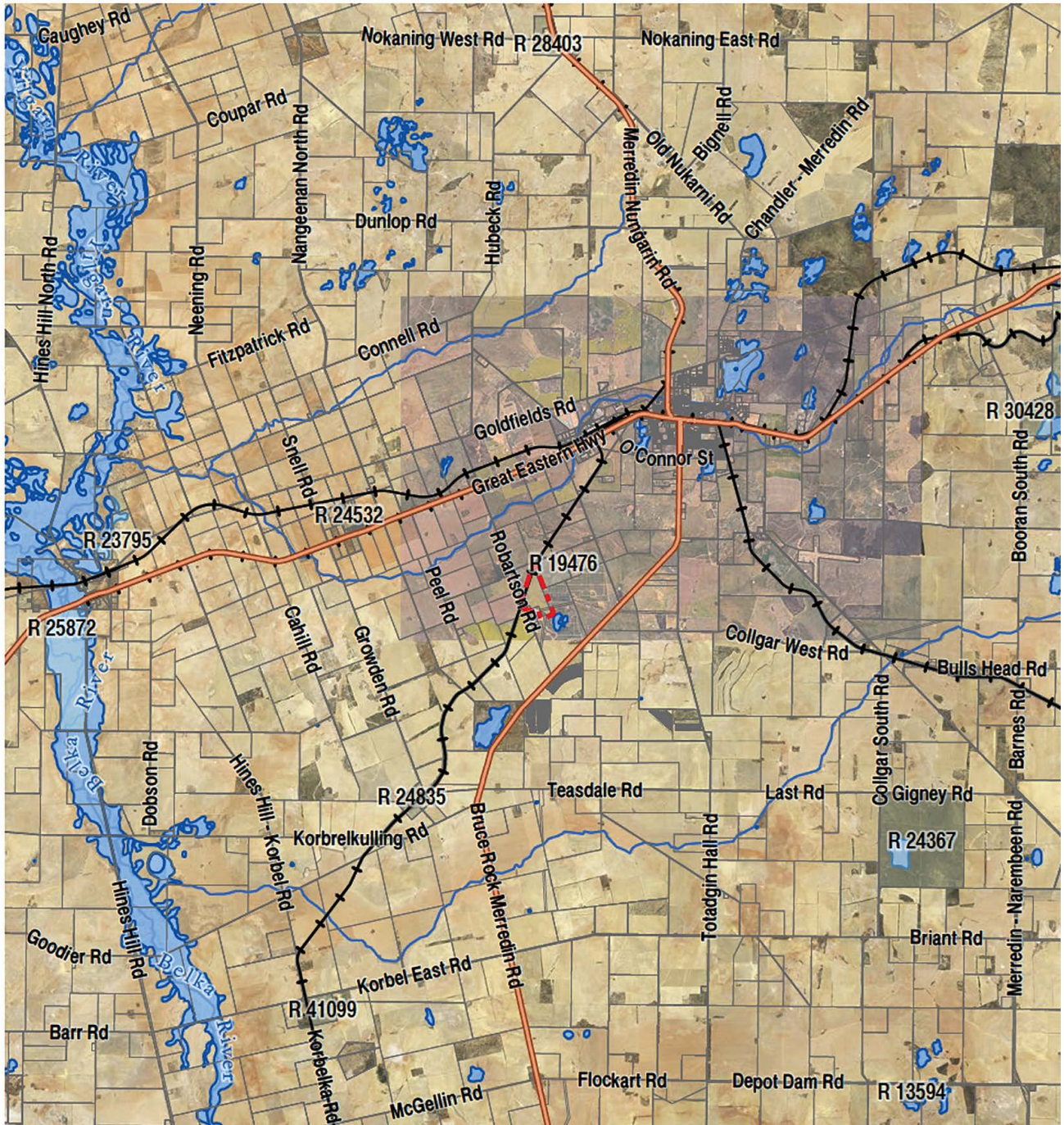


Figure 1: Site Location

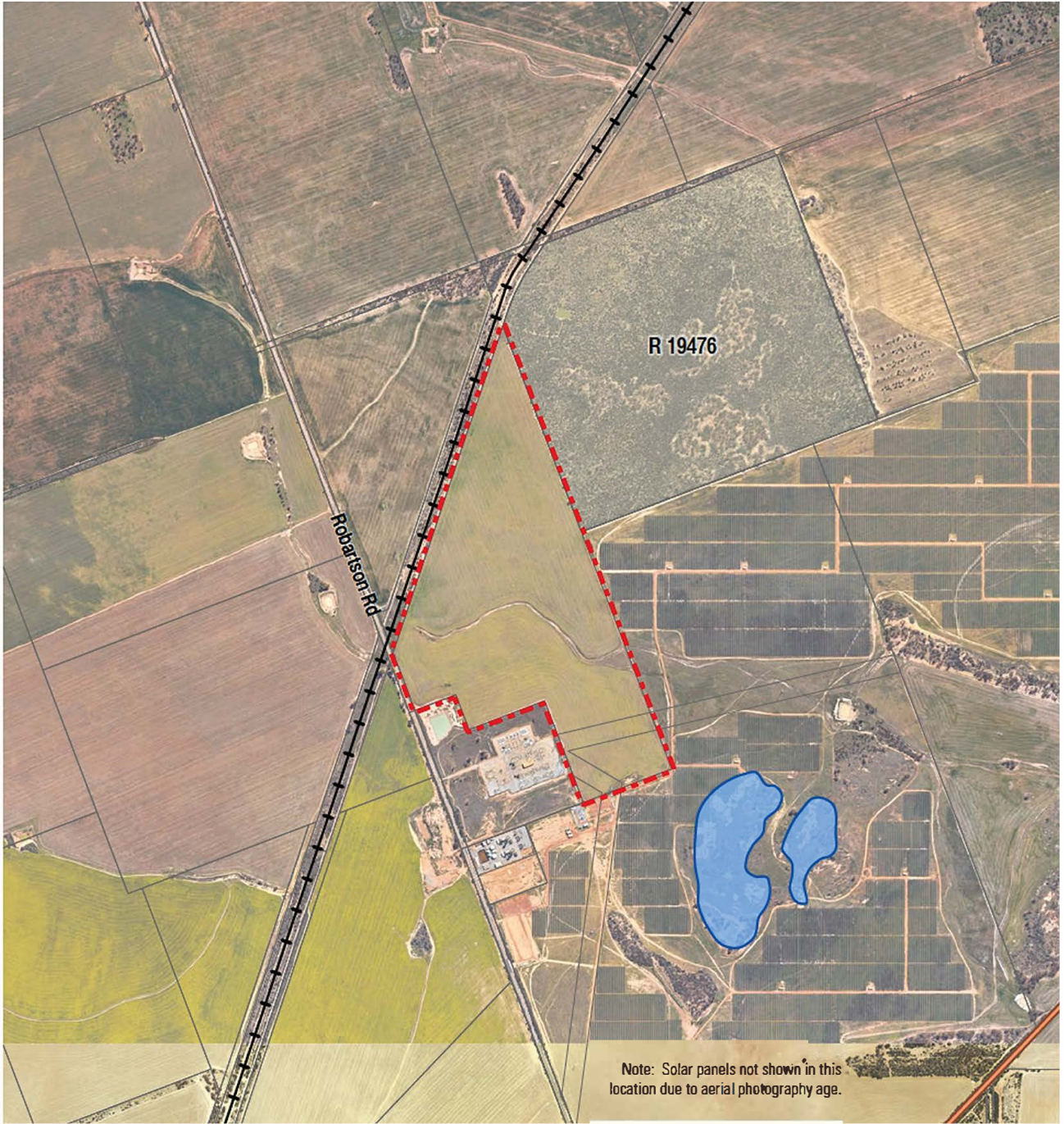


- Lot Boundary
- Cadastre
- State Road
- Rail Line
- Reserves
- Wheatbelt Wetlands
- Hydrography Linear (DWER-031)



Figure 2: Site Context





- Lot Boundary
- Cadastre
- State Road
- Reserves
- + Rail Line
- Wheatbelt Wetlands



Figure 3a: Site and Surrounds



- Lot Boundary
- Rail Line
- Cadastre
- Access Road (6.5m)
- Battery Development Extent

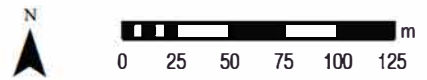


Figure 3b: Site Detail

## 2.0 the proposal

### 2.1 OVERVIEW

The proposed BESS facility and associated sub-station and ancillary infrastructure will have an export capacity of approximately 100MW / 400MWh. The proposed BESS is located adjacent to the existing Merredin Terminal Substation, which facilitates a least-impact connection to the South West Interconnected System (SWIS), and with access via a new internal road off Robartson Road, Merredin. The proposed BESS facility will take approximately 12 – 18 months to construct, with a peak construction workforce of approximately 50. The connection of the proposed onsite substation to the adjoining Merredin Terminal is a separate matter to this application and is currently being negotiated by the proponent and Western Power.

### 2.2 PRE-LODGE MENT LIAISON & CONSULTATION

A pre-lodgement conversation was undertaken with the Shire Administration to inform them of the upcoming project. This discussion indicated that the Shire is keen to facilitate renewable energy projects, particularly where they can be located in a precinct, adjacent to existing facilities, subject to normal planning and assessment processes. An informal pre-application meeting was also undertaken with the Shire representative on the 23rd of November in relation to the application.

The proponent has also been in ongoing discussions with Western Power regarding the project parameters and the proposed connection to the adjoining Merredin Terminal.

No pre-lodgement consultation was deemed necessary with surrounding landowners in this instance as the surrounding land is owned by either the Registered

Proprietor of the subject site or that of the adjoining solar farm in this emerging energy precinct, coupled with the small footprint of the BESS and limited potential impacts to the amenity of the area from its development. Relevant parties will have an opportunity to comment on the proposal during the statutory advertising period.

### 2.3 COMPONENTS

As stated above the BESS facility will have an export capacity of approximately 100MW/400MWh and the subject site infrastructure will include:

- 110-120 Battery containers
- 28-30 Ring Main Units (RMU's) – containing transformers and switchrooms
- A HV/MV Switchyard
- A Control Room building
- A Western Power relay room
- Substation (with bunding to approved standards)
- Parking for workers for both the construction and post construction phase
- Operation & Maintenance building
- Spare parts building
- Internal roads (built to the required standards of both the Shire and Bushfire Requirements)
- Firefighting infrastructure (to standards outlined in the Bushfire Management Plan)
- Development to support the construction phase - construction compound containing an ablution block, meeting room and crib room for onsite construction



workforce.

Appendix B – Layout Plans and Specifications of Equipment (Drawings MBB-GA-00 to MBB-GA) shows how the facility will be laid out over the subject site and the specification and elevations for the components that will be installed. The battery container units and ring-main units (RMU's) will sit on top of concrete pads. The switchyard /control room building is shown in drawing MBB-EL-231012 as a combined substation, these buildings may become separate structures following detail design. The switchyard/control room building is currently designed to be raised off the ground, however, it should be noted that this structure may be constructed on concrete plinths similar to the battery containers and RMU's. The layout as depicted in Appendix B is to be refined once an agreement with the battery manufacturer has been finalised and a construction contractor appointed.

## 2.4 CONSTRUCTION

The construction phase will take approximately 12 – 18 months and the peak workforce on site at any one time is anticipated to be 50 workers. Construction will commence with site preparation works (levelling, grubbing as required) and creating the access to the Robartson Road. A lay down area and construction staff parking area as well as temporary site offices, ablutions and welfare will be installed during this phase, as shown on plan MBB-GA-01 *HV Substation General Arrangement*.

As shown on plan MBB-GA-01 there is sufficient room on the subject site for the parking of private vehicles associated with the workforce to park on site, there is also sufficient area on the subject site for laydown areas during the construction period.

Nomad Energy will appoint a contractor to construct and install the facility with the contractor being responsible for adherence to all approvals and relevant standards along with an approved Construction Management Plan, which will be reviewed and endorsed by the Shire prior to development commencing. The principal construction contractor will be the Construction Design and Management (CDM) coordinator for the project and will be responsible for all site access and health and safety inductions.

Temporary development will be required during the construction phase of the project. This may include:

- Main office and meeting room
- Ablution block
- Crib room
- Water tanks (both for use onsite and bushfire)
- Car Park
- Construction laydown area.

During the construction phase it is expected that both a local and specialist/technical workforce will be utilised. The specialist/technical workforce will be sourced from outside of the Shire, however local workers will be used where possible. The workforce will be accommodated within the townsite during the 12 – 18 month construction phase.

## 2.5 OPERATIONS

The facility will be largely autonomous and unmanned once operational, with locally based contractors/ employees responsible for the ongoing management of the site. Remote monitoring of the facility will also occur to ensure that the facility is operating in accordance with Western Power's technical rules and in accordance with AEMO guidelines. The site operation and maintenance workforce will ensure the facility is operating as intended.

Once operational, only occasional maintenance personnel visits to the site will be required.

## 2.6 ACCESS

Access to the subject site will be via Robartson Road, utilising an existing farm crossing adjacent to the farm dam and firebreak. An upgraded crossover and access road will be constructed in this location, and will be built to both Shire and required bushfire standards. The subject site will be fully fenced for security reasons with only those who need to be on site for operations or maintenance permitted access once the facility is operational.

## 2.7 STAFFING

It is estimated that up to 150 people will be employed during the full construction phase, with a peak manpower requirement of approximately 50 people onsite. Once the project is complete operation will be largely autonomous and the site will be unmanned, with only operation and maintenance personnel visiting the site a few times a year or as required if an unplanned maintenance activity is required. There is sufficient room on the subject site for the

parking of staff that might visit the site and any additional workers that may be required on site for maintenance and upgrades that may be required during the life of the facility.

## **2.8 COMMUNITY AND ECONOMIC BENEFITS**

The project is a major investment in the State and local economy, as well as a step towards a lower carbon future. It will benefit both local and wider communities.

Contract negotiations with Western Power are underway and will continue however these are of a commercial nature and not central to the consideration of the development application and from an implementation perspective.

The facility will use local, regional or Western Australian labour and materials as much as possible. However, the batteries will be made overseas and technical specialists will be needed for their installation and commissioning.

The project will create economic and employment opportunities for Merredin residents, including accommodation/housing and local goods and services during the construction period. The proponent will invite local companies to bid for jobs such as electrical, security, ground work, and mechanical work. This will provide work for local companies and their employees during the construction phase. The facility will also create local jobs for maintenance and monitoring after the development.

# 3.0 strategic considerations

## 3.1 STATE PLANNING STRATEGY 2050

The State Planning Strategy “highlights the principles, strategic goals and strategic directions that are important to the land-use planning and development of Western Australia”.

The strategy further states under point 2.3 Energy that:

- Effective and flexible planning, policy and regulatory frameworks provide an enabling environment for investment and the uptake of new technologies.
- Existing and emerging industries are encouraged to locate in appropriate regional areas to encourage economic diversification.
- With global and domestic pressures likely to cause further increases in the cost of fossil fuels, it is in Western Australia’s long-term interest to develop a diverse energy supply mix, including the use of renewable fuel sources.
- Renewable energy initiatives help to mitigate the risks from climate change, lessen fossil fuel use and reduce greenhouse emissions.

The development of the proposed BESS facility meets the objectives of the State Planning Strategy 2050 in that the facility will provide a source of clean energy within the Shire and the broader SWIS.

## 3.2 STRATEGY UPDATE: WESTERN AUSTRALIA’S FUTURE BATTERY AND CRITICAL MINERALS INDUSTRIES NOVEMBER 2020 – NOVEMBER 2022

This strategy was developed by the Department of Jobs, Tourism, Science and Innovation (JTSI) and states at Priority 4 to support energy storage applications that consider or address:

- Increasing the uptake of battery energy storage will support new industry development opportunities.
- Large and small-scale batteries offer opportunities for low cost, low emissions energy, and will form a large part of Western Australia’s energy transformation into the future.
- The increasing uptake of batteries in rural and remote communities, as well as emerging applications in mining, defence and other advanced manufacturing industries will help to create new jobs, skills and

technological capabilities in the assembly, installation and management of energy storage in Western Australia

With the next steps to be to:

- Promote the uptake and integration of batteries across a range of settings and industries in Western Australia.
- Support enhanced workforce capability in the assembly, installation, and management of batteries.

The proposed development of this facility within a rural area energy hub is delivering the priorities outlined within the strategy in relation to development of the proposed BESS facility.

# 4.0 Planning Framework

## 4.1 POSITION STATEMENT: RENEWABLE ENERGY FACILITIES

This policy identifies assessment measures to facilitate appropriate development of renewable energy facilities. It seeks to ensure that proposed facilities are located in areas that are suitable and minimise the impact on the environment, natural landscape and urban areas while maximising energy production and operational efficiency.

The objectives of the position statement are to:

- Outline key planning and environmental considerations for the location, siting and design of renewable energy facilities.
- Promote the consistent consideration and assessment of renewable energy facilities
- Facilitate appropriate development of renewable energy facilities while minimising any potential impact upon the environment, natural landscape, and urban areas
- Encourage informed public engagement early in the renewable energy facility planning process

Under Clause 6 of the position statement a definition of a Renewable Energy Facility is outlined and is as follows:

Renewable energy facility means premises used to generate energy from a renewable energy source and includes any building or other structure used in, or relating to, the generation of energy by a renewable resource. It does not include renewable energy electricity generation where the energy produced principally supplies a domestic and/or business premises and any on selling to the grid is secondary.

Clause 5.3 of the position statement relates to renewable energy facility proposals and includes matters that should be considered when assessing proposals, these include:

- Community consultation
- Environmental Impact
- Visual and Landscape impact
- Noise Impact
- Public and aviation safety
- Heritage
- Construction impact

The clauses and matters that are applicable to this

application are detailed in the Table 2 below:

**Table 2 – Response to Position Statement on Renewable Energy**

Clause	Response
<p>5.3.1 Community consultation</p> <p>Early consultation with the community and stakeholders by the proponents is encouraged to ensure that the proposal is compatible with existing land uses on and near the site.</p> <p>The local government should be consulted with respect to the community consultation program.</p>	<p>Given the location of the facility adjacent to the existing Merredin Terminal Station and its location on existing cleared agricultural land, consultation with the community was not seen as required in this instance. Further, the economic benefit to the Shire and the community along with the greater benefit to the residents within the Shire in being able to source clean energy to power their homes and businesses is seen as a benefit to the community.</p> <p>Land Insights has been consulting with the Shire in regard to the proposed development and met with the Shire on the 23<sup>rd</sup> of November 2023 to discuss the proposed facility.</p>
<p>5.3.2 Environmental Impact</p> <p>An environmental survey of the site should be conducted prior to the commencement of the renewable energy facility design. The type, location and significance of flora and fauna, particularly rare and endangered or threatened communities that may be impacted, should be described and mapped so that remnant vegetation and sensitive areas can be avoided.</p>	<p>The subject site is currently used for cropping and grazing and is cleared with no pockets of remnant vegetation contained on site. The facility will not have a detrimental affect on the environment rather the facility provides a greater capacity for renewable energy for not only the Shire but also the State to meet its proposed renewable targets for 2050. A qualified botanist reviewed the site, and it was determined that there was no requirement for a flora/ fauna survey in this instance.</p>

Clause	Response
Facilities should be located near the grid to minimise clearing of vegetation for grid connection power lines. Solar arrays over a large area may have significant effect on the clearing of native vegetation. Already cleared farming land may offer a practical solution to minimise any environmental impact.	The proposed facility is adjacent to the existing Merredin Terminal Station so there is no requirement for the clearing of vegetation for a grid connection. The site is already cleared for agricultural purposes meaning that the proposed development will have minimal, if any, environmental impact.
5.3.3 Visual and Landscape impact  The location and siting of a renewable energy facility may require a visual and landscape impact assessment that addresses:	The subject site is cleared, and the proposed development application will sit approximately 140m from Robertson Road (to the east) behind an existing dam and adjacent to the Merredin Terminal station. There are no residential buildings within the immediate surrounds of the subject site which means that the impact of the facility on its surrounds will be minimal. The closest house is over 2km away meaning there are no sensitive receptors nearby. A visual assessment of the proposal has been undertaken (refer to section 6 of this document), which concluded minimal, if any, visual impact.
<ul style="list-style-type: none"> <li>landscape significance and sensitivity to change, site earthworks, topography, extent of cut and fill, the extent and type of vegetation, clearing and rehabilitation areas, land use patterns, built form character, public amenity and community values.</li> </ul>	
<ul style="list-style-type: none"> <li>likely impact on views including the visibility of the facility using view shed analysis and simulations of views from significant viewing locations including residential areas, major scenic drives and lookouts</li> </ul>	Given the location of the proposed development within an area that is largely cleared for agricultural purposes and adjacent to the existing Merredin Terminal station the proposed development will not have an impact on any significant views and it not located near any residential houses nor major scenic drives.

Clause	Response
<ul style="list-style-type: none"> <li>layout of the facility including the number, height, scale, spacing, colour, surface reflectivity and design of components, including any ancillary buildings, signage, access roads, and incidental facilities</li> <li>measures proposed to minimise unwanted, unacceptable or adverse visual impacts.</li> <li>Visual Landscape Planning in WA: a manual for evaluation, assessment, siting and design, (November 2007) and the Australian Wind Energy Association and the Australian Council of National Trusts Publication Wind Farms and Landscape Values (2005) provide detailed guidance on visual landscape impact assessments.</li> </ul>	<p>Plans of the proposed development are provided with this application.</p> <p>Given the proposed development is adjacent with the existing Merredin Terminal station which already has infrastructure in place of a similar nature it is unlikely that the additional infrastructure proposed to be located on site will have an unacceptable or adverse visual affect.</p> <p>A visual assessment of the proposal has been undertaken (refer to section 6 of this document), which concluded minimal, if any, visual impact.</p>



Clause	Response
<p>Some locations may hold Aboriginal heritage, natural or historic heritage significance which may impact site suitability. An assessment should address:</p> <ul style="list-style-type: none"> <li>local archaeological and ethnographic records</li> <li>any impact upon the natural environment that have aesthetic, historical, scientific or social significance or other special value for the present and future community</li> <li>any impact upon the historic heritage characteristics of adjoining/nearby places with an impact assessment of the proposal undertaken where relevant.</li> </ul> <p>Consultation with the Department of Planning, Lands and Heritage may be required if heritage issues are identified. Appropriate consultation should be undertaken with respect to Aboriginal heritage matters.</p>	<p>A review of the relevant layers of the Department for Planning Lands and Heritage databases and other relevant documentation did not find any areas of Aboriginal Heritage, natural and historic significance. As such the trigger for consultation with the DPLH at this stage has not been reached. The DPLH will likely be consulted during the statutory advertising period.</p>

Clause	Response
<p>5.3.7 Construction impact</p> <p>It is important to accommodate the full scope of works to occur on the site in the development of a renewable energy facility. Consideration needs to be given to potential staging that may occur including one type of renewable energy being subsequently complemented by a second type of renewable energy to supplement continuity of feed into the grid, for example, wind turbines supplemented by solar arrays on the same site.</p> <p>Key matters that should be addressed during the construction phase are:</p>	<p>The construction impact will not be as significant as when the adjoining solar farm was constructed. It is predicted that over the period of 12 to 18 months that there will be an estimated 300 truck movements in total, delivering the batteries and associated infrastructure for the site. The majority of these deliveries will occur in the early to mid stages of the construction phase.</p> <p>During the construction phase it is expected that, at the peak, there will only need to be 50 workers arriving (between 6-8am) and leaving (between 4-6pm) the subject site.</p>
<p>a site construction management plan that identifies standards and procedures for the construction of the development including the management of environmental emissions such as dust and noise</p>	<p>A Construction Management Plan (CMP) can be implemented as a Condition of Approval by the Shire and the Joint Development Assessment Panel. The CMP will be in line with the Shire's requirements and will include the standards and procedures for the construction of the proposed development including the environmental emissions such as dust and noise that might occur during the construction phase.</p> <p>The CMP will also deal with matters such as traffic movements and stormwater that can be assessed once final detailed design has been undertaken.</p>

Clause	Response
site disturbance should be minimised during construction through careful siting and measures to address erosion, drainage run-off, flooding, water quality, retention of remnant vegetation, stabilisation of top soil, and weed and disease hygiene.	The proposed development has been designed to sensitively respond to the subject site and site disturbance will be minimised during the construction phase. The design reflects the best possible use of the subject site taking into account all of the various matters outlined under this point.
vehicle and machinery access and movement. A decommissioning program should be separately developed in relation to removal of the facility and any rehabilitation requirements.	<p>A Traffic Impact Statement has not been produced for this development given the low level of vehicle movements that are proposed over the construction timeframe and it should be noted, as mentioned previously, truck movements will be significantly less than during the construction of the surrounding solar farm. The internal roads will be constructed to a standard that will allow for easy onsite movement of the trucks delivering the battery packs and associated infrastructure and for ease of turnaround and access and egress.</p> <p>Further as shown on the plans there is sufficient area for the required staff to park on the subject site.</p> <p>The life of the proposed facility is expected to be up to 30 years. If/when the facility is decommissioned the infrastructure can be removed and the land returned for farming purposes - it is unlikely that rehabilitation will be required.</p>

## 4.2 STATE PLANNING POLICY 2.0 – ENVIRONMENT AND NATURAL RESOURCES (SPP2.0)

The policy states that:

*Western Australia is one of the most biologically diverse regions in the world, home to a broad range of ecological communities and species, and natural landscapes. The States vast areas encompass rich and extensive agricultural, pastoral, marine and mineral resources. The protection and wise management of the environment and natural resources of the State are of paramount importance if we are to maintain our lifestyle now and into the future.*

SPP 2.0 further states that:

*Careful assessment will be required to resolve conflicts between land use and protection of natural resources, giving consideration to the potential impacts on the environment, community lifestyle preferences, and economic values. This requires an understanding of the competing pressures of development and environmental protection, together with the economics of sustainable land use and management practices, advances in technology, and the priorities of the community.*

Clause 5.6 of SPP 2.0 relates to Agricultural Land and Rangelands and states that:

*Planning strategies, schemes and decision making should:*

- *Protect and enhance areas of agricultural significance, having regard to State, regional and local issues and characteristics, and to the requirements of Statement of Planning Policy No.11: Agricultural and Rural Land Use Planning*
- *Consider the natural resource capability of rangelands and agricultural lands*
- *Diversify compatible land use activities in agricultural areas and rangelands based on principles of sustainability and recognizing the capability and capacity of the land to support those uses.*

The proposed development meets these objectives in that the subject site is already cleared and used for broad acre cropping and grazing and is not in an area of agricultural significance with the balance of the subject site still used

for existing agricultural purposes. Further, the proposed development will allow the diversification of land use on the principle of sustainability by providing a green energy facility within the locality and broader surrounds.

Clause 5.10 of SPP 2.0 relates to Greenhouse Gas Emission and Energy Efficiency and states:

*There is a widespread awareness of the need to increase the efficiency with which energy is used in Western Australia, including the need to reduce our reliance on energy produced from non-renewable resources such as fossil fuels. The primary objective is to reduce greenhouse gas emission by means (but not limited to) increasing energy efficiency, decreasing reliance on non-renewable fuels, and increasing usage of renewable energy sources.*

*Planning strategies, schemes and decision making should:*

- *Promote energy efficient development and urban design incorporating such issues as energy efficient building design, walkable neighbourhoods, higher densities in areas accessible to high quality public transport, local access to employment, retail and community facilities, and orientation of building lots for solar efficiency.*
- *Support the retention of existing vegetation and revegetation in subdivision and development proposals.*
- *Support the use of alternative energy generation, including renewable energy, where appropriate.*
- *Support the adoption of adaptation measures that may be required to respond to climate change.*

The proposed development meets the objectives outlined under the Greenhouse Gas Emission and Energy efficiency clause in that the development of the BESS facility does not involve the removal of any remnant vegetation and is a form of alternative energy generation and storage which is a form of renewable energy and is a measure that is responding to climate change.

Clause 6 of SPP2.0 relates to the Implementation

of the policy and states that:

Implementation will also occur through the day-to-day process of decision-making on subdivision and development applications, and the actions of other State agencies in carrying out their responsibilities. Local Governments and State agencies will need to take account of these policy measures to ensure integrated decision-making and in the planning and management of the environment and natural resources.

The proposed development meets the requirements of SPP 2.0 in that the proposed development will help reduce the need to rely on traditional energy forms and the introduction of a renewable facility. Further as the proposed development is adjacent to the existing Merredin Terminal station.

### 4.3 STATE PLANNING POLICY 2.5 – RURAL PLANNING (SPP2.5)

The purpose of this policy is to protect and preserve Western Australia’s rural land assets due to the importance of their economic, natural resource, food production, environmental and landscape values. In terms of the proposed solar farm development compliance with SPP2.5 and compatibility with surrounding rural land uses.

The objectives of SPP2.5 are outlined and addressed in the Table 3 below:

**Table 3 – Response to Objectives of SPP2.5**

Objective	Response
Support existing, expanded and future primary production through the protection of rural land, particularly priority agricultural land and land required for animal premises and/or the production of food;	The subject site is not identified as priority agricultural land in the Local Planning Strategy or other applicable documents. Once the BESS facility and associated substation and infrastructure is operational, the remainder of the lot can be used for cropping and grazing. The facility will be fully fenced to ensure that it is protected.
Provide investment security for existing, expanded and future primary production and promote economic growth and regional development on rural land for rural land uses;	The proposed BESS facility will promote economic growth and regional development through the development of a new land use and the protection of energy for the region.  The proposed farm will increase the workforce during the construction phase, this will occur in terms of accommodation options but also the workers spending money within the Shire.
Outside the Perth and Peel planning regions, secure significant basic raw material resources and provide for their extraction	Extraction of basic raw materials is not proposed.
Provide a planning framework that comprehensively considers rural land and land uses, and facilities consistent and timely decision-making	The local planning framework is addressed under Section 3.2 of this report.

Objective	Response
Avoid and minimise land use conflicts	Surrounding land uses are typically broad acre farming and grazing, the Merredin Terminal station and an operating solar farm. It is considered that the proposed BESS facility will not result in significant land use conflicts within the broader area instead being located in a precinct with existing power generation infrastructure.
Promote sustainable settlement in, and adjacent to, existing urban areas; and	The subject site is not proposing urban development.
Protect and sustainably manage environmental, landscape and water resource assets.	The proposed development will not have any detrimental effects on the environment, landscape, water nor resource assets. Instead, the proposed development the proposed facility will allow for the protection of the environment through the production of green energy.

Section 5.5 of SPP2.5 relates to regional variation, economic opportunities and regional development it states that:

*Western Australia is a large and diverse State with regional variations of climate, economic activity, cultural values, demographic characteristics and environmental conditions. The WAPC’s decisions will be guided by the need to provide economic opportunities for rural communities and to protect the States primary production and natural resource assets. WAPC policy is to:*

- (a) *continue to promote rural zones in schemes as flexible zones that cater for a wide range of land uses that may support primary production, regional facilities, environmental protections and cultural pursuits*

The proposed BESS facility meets the above Section 5.5 of the policy in that:

- The proposal is providing economic opportunities for the Shire and will not have a detrimental effect on the State’s primary production and natural resource

assets.

- The proposal represents a regional facility and therefore flexibility within the General Farming Zone considered by both the Shire and the WAPC can be supportive of this land use.

Section 5.12 relates to preventing and managing impacts in land use planning and states that:

*Planning decision makers need to consider the broad suitability of land uses and the ability to manage offsite impacts prior to determining whether the use of a buffer is necessary.*

Section 5.12.1 relates to Avoiding Land Use conflict and outlines the matters that planning decision makers shall take to avoid land use conflict which are outlined in the Table 4 below:

**Table 4 – Objectives of Avoiding Land Use Conflict**

Objective	Response
Where an existing land use that may generate impacts is broadly compatible with surrounding zones and land uses, a separation distance should be indicated in a local planning strategy so there is broad awareness of the land use	<p>The subject site is not identified as priority agricultural land in the Local Planning Strategy nor any other associated documents.</p> <p>The BESS facility is expected to generate little to no impact on its surrounds and therefore a separation distance from the solar farm to other uses within the General Farming zone is highly unlikely to be required.</p> <p>Further, no farmhouses are located within close proximity of the project, coupled with it being adjacent to the Merredin Terminal station, means that the location is highly suitable as the development will blend in with the existing operating development.</p>

Objective	Response
<p>Where a development is proposed for a land use that may generate offsite impacts, there should be application of the separation distances used in environmental policy and health guidance, prescribed standards, accepted industry standards and/or Codes of Practice, followed by considering</p> <p>Whether the site is capable of accommodating the land use and/or</p> <p>Whether surrounding rural land is suitable, and can be used to meet the separation distances between the nearest sensitive land use and/or zone, and would not limit future rural land uses; and</p> <p>Whether if clauses (i) and/ or (ii) are met, a statutory buffer is not required</p>	<p>The subject site is capable of accommodating the proposed land use and suitable separation distances in regard to bushfire and other requirements are adhered to.</p> <p>The proposed development meets both clauses (i) and (ii) and therefore a statutory buffer is not required.</p>
where a development is proposed for a land use that may generate off-site impacts and does not meet the standard outlined in clause 5.12.1 (b) then more detailed consideration of off-site impacts will be required, in accordance with clause 5.12.3 of this policy; and	It is unlikely that the proposed BESS facility will generate offsite impacts. Rather, the proposed facility will enhance and reduce off site impacts by providing green energy to Shire and the State to meet Net Zero targets.
where a development is proposed that could be contemplated in the zone, and has been assessed under clause 5.12.3 as having unacceptable off-site impacts that cannot be further mitigated or managed, the proposal should be refused	Not applicable to this proposal

#### 4.4 STATE PLANNING POLICY 3.7 – PLANNING IN BUSHFIRE PRONE AREAS (SPP3.7)

Although the subject site is not within a bushfire prone area as shown in Figure 4 – Bushfire Prone Areas shown below, given the nature of the proposed development and for safety reasons a bushfire management plan and risk assessment has been undertaken to ensure that all safety measures are complied with and so that the correct recommended firefighting equipment can be kept on site should an incident occur.

The intent of SPP3.7 is to:

*Implement effective, risk-based land use planning and development to preserve life and reduce impact of bushfire on property and infrastructure.*

*Policy measure 5 of SPP3.7 relates to the policy objectives and are as follows:*

*5.1 Avoid any increase in the threat of bushfire to people, property and infrastructure. The preservation of life and the management of bushfire impact are paramount.*

*5.2 Reduce vulnerability to bushfire through the identification and consideration of bushfire risks in decision making at all stages of the planning and development process.*

*5.3 Ensure that higher order strategic planning documents, strategic planning proposals, subdivision and development application take into account bushfire protection requirements and include specified bushfire protection measures.*

*5.4 Achieve an appropriate balance between bushfire risk management measures and, biodiversity conservation values, environmental protection and biodiversity management and landscape amenity, with consideration of the potential impacts of climate change.*

The proposed development meets the objectives of the policy in that it will:

- Not increase the threat of bushfire to people, property and infrastructure and as part of the application the preservation of life and the management of the possible bushfire impact are paramount.

- It will reduce the vulnerability of bushfire over the subject site through the identification and consideration of bushfire risks through all stages of the planning and development process.
- The proposed development application will take into account bushfire protection requirements, and it will include specified bushfire protection measures within the applicable Bushfire Management Plan.
- The proposed development is aiming to achieve through careful design, a balance between bushfire risk management measures, biodiversity and conservation values, environmental protection and biodiversity management and landscape amenity.
- A specialist risk assessment has been undertaken in regard to the BESS facility with appropriate measures identified in relation to risk and management of the facility in relation to bushfire.

Policy measure 6.2 of SPP3.7 relates to development applications and states that:

- *Strategic planning proposals, subdivision and development applications within designated bushfire prone areas relating to land that has or will have a Bushfire Hazard Level (BHL) above low and/or where a Bushfire Attack Level (BAL) rating above BAL-LOW apply, are to comply with these policy measures.*
- *Any strategic planning proposal, subdivision or development application in an area to which policy measure 6.2 a) applies, that has or will, on completion, have a moderate BHL and/or where BAL-12.5 to BAL-29 applies, may be considered for approval where it can be undertaken in accordance with policy measures 6.3, 6.4 or 6.5.*
- *This policy also applies where an area is not yet designated as a bushfire prone area but is proposed to be developed in a way that introduces a bushfire hazard, as outlined in the Guidelines.*

Although the subject site does not contain any areas mapped as bushfire prone, given the nature of the proposed facility it was considered best practice to undertake both a bushfire assessment and a risk assessment so that all relevant safety

measures are considered and addressed.

Policy measure 6.5 relates to information that is required to accompany a development application and states that:

*Any development application to which policy measure 6.2 applies is to be accompanied by the following information in accordance with the Guidelines:*

a) (i) a BAL assessment. BAL assessments should be prepared by an accredited Level 1 BAL Assessor or a Bushfire Planning Practitioner unless otherwise exempted in the Guidelines; or

(ii) a BAL Contour Map that has been prepared for an approved subdivision clearly showing the indicative acceptable BAL rating across the subject site, in accordance with the Guidelines. BAL Contour Maps should be prepared by an accredited Bushfire Planning Practitioner

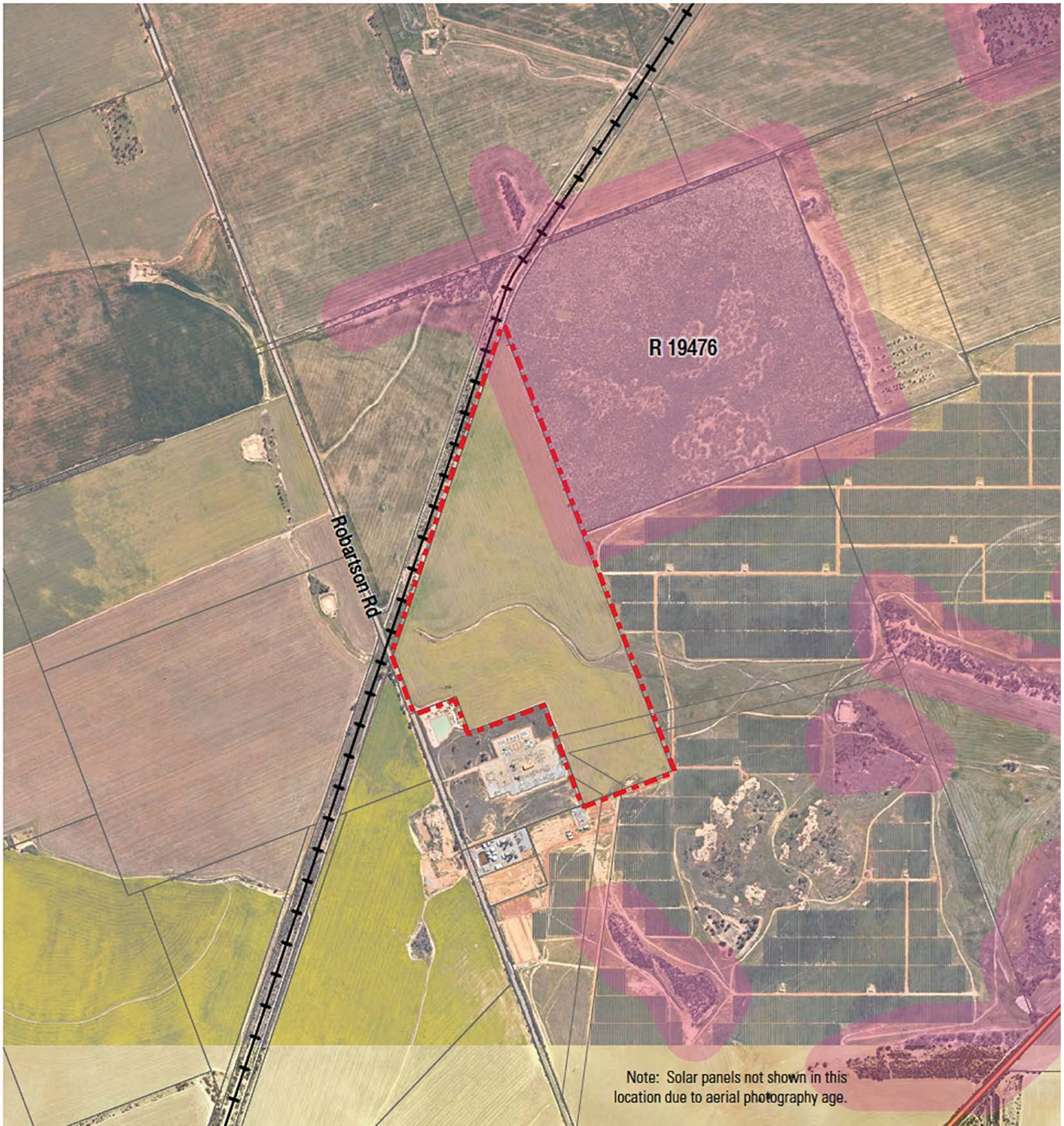
b) the identification of any bushfire hazard issues arising from the BAL Contour Map or the BAL assessment; and c) an assessment against the bushfire protection criteria requirements contained within the Guidelines demonstrating compliance within the boundary of the development site

*This information can be provided in the form of a Bushfire Management Plan or an amended Bushfire Management Plan where one has been previously endorsed.*

Under Clause 6.6 of SPP3.7 relates to vulnerable or high-risk land uses in areas where BAL-12.5 to BAL-29 apply and although the subject site is not within a bushfire prone area clause 6.6.1 states that:

*Development applications should include an emergency evacuation plan for proposed occupants and/or risk management plan for any flammable on-site hazards.*

Given the above the appropriate risk assessment has been undertaken for the subject site.



- Lot Boundary
- Cadastre
- State Road
- Reserves
- Rail Line
- Bush Fire Prone Areas (OBRM-001)

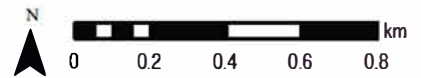


Figure 4: Bushfire Prone Areas



## 4.5 OTHER MATTERS TO BE CONSIDERED (C67 DEEMED PROVISIONS)

Clause 67(2) of the Deemed Provisions of the Planning and Development (Local Planning Schemes) Regulations 2015 (Regulations) sets out the matters for which due regard is to be given when considering a development application. Refer to Table 5 below for an assessment against the matters to be considered.

**Table 5 – Other Matters to be Considered**

Matters to be considered	Response
the aims of the provisions of this Scheme and any other local planning scheme operating within the Scheme area;	This section outlines in detail how the proposed development meets the aims and provisions of the Shire's Local Planning Scheme No.6 (LPS6).
the requirements of orderly and proper planning including any proposed local planning scheme or amendment to this Scheme that has been advertised under the Planning and Development (Local Planning Scheme) Regulations 2015 or any other proposed planning instrument that the local government is seriously considering adopting or approving;	The proposed development meets the requirements of orderly and proper planning in that it meets the aims and objectives of the current local planning scheme.  The Shire does not currently have any local planning policies applicable to the current development.  The proposed development also meets the aims and objectives of both Federal and Commonwealth objectives for Australia and Western Australia to become net zero.
any approved State Planning Policy	As outlined in Section 3.1 of this report the proposed development meets the requirements of the State's planning policies applicable to this development.
any environmental protection policy approved under the Environmental Protection Act 1986 section 31(d)	There are no relevant EPP's applicable to this area.
any policy of the Commission	All applicable policies and position statements of the Commission have been addressed under Section 4 of this report.

Matters to be considered	Response
any policy of the State	All applicable planning policies of the State have been addressed under Section 4 of this report. Further the proposed development meets the requirements of the State Governments aim to be net zero by 2050.
any local planning policy for the Scheme area	All applicable local planning policies have been addressed under Section 4 of this report.
any structure plan, activity centre plan or local development plan that relates to the development	There are no applicable structure plans, activity centre plans or local development plans in regard to the proposed development.
any report or review of the local planning scheme that has been published under the Planning and Development (Local Planning Schemes) Regulations 2015	Not Applicable
in the case of land reserved under this Scheme, the objectives for the reserve and the additional and permitted uses identified in this Scheme for the reserve	Not applicable
the built heritage conservation of any place that is of cultural significance	A search of the applicable databases and documentation did not identify any built heritage nor any place that is of cultural significance.
the effect of the proposal on the cultural heritage significance of the area in which the development is located	The proposed development will have no detrimental effect on the cultural heritage significance of the area.
the compatibility of the development with its setting including the relationship of the development on adjoining land or on other land in the locality including, but not limited to, the likely effect of height, bulk, scale, orientation and appearance of the development	The proposed development is compatible with its setting in that the proposed development is adjacent to with the Merredin Terminal station and is compatible with that already existing built form.

Matters to be considered	Response
<p>The amenity of the locality including the following –</p> <ul style="list-style-type: none"> <li>• Environmental impacts of the development</li> <li>• The character of the locality</li> <li>• Social impacts of the development</li> </ul>	<p>The proposed development will have negligible environmental impact over the subject site. The site is currently cleared of remnant vegetation and used for grazing and cropping purposes.</p> <p>The proposed development will not have an impact on the character of the locality. The broadacre farming that surrounds the subject site will not be affected by the development and the character of the rural area will not be affected. Further, as mentioned previously, the siting of the development adjacent to the existing Merredin Terminal means that the development is well sited within the area.</p> <p>There will be no social impacts of the proposed development. In the long term only a small number of workers will be required to maintain the development which will provide employment opportunities for residents of the Shire.</p>
<p>The likely effect of the development on the natural environment or water resources and any means that are proposed to protect or to mitigate impacts on the natural environment or the water resource</p>	<p>As stated previously the proposed development has been carefully designed so that the BESS facility will be located on cleared cropping and grazing land adjacent to the Merredin Terminal.</p>
<p>Whether adequate provision has been made for the landscaping of the land to which the application relates and whether any trees or other vegetation on the land should be preserved</p>	<p>The subject site has already been wholly cleared.</p>

Matters to be considered	Response
<p>The suitability of the land for the development taking into account the possible risk of flooding, tidal inundation, subsidence, landslip, bushfire, soil erosion, land degradation or any other risk</p>	<p>The land has been selected by the proponent due to the suitability of the site for the proposed development and its location near the Merredin Terminal station. A bushfire management plan and risk management has been undertaken to ensure that the proposed development is suitable on the subject site.</p> <p>The subject site is not subject to any of the other identified risks.</p>
<p>The suitability of the land for the development taking into account the possible risk to human health or safety</p>	<p>There is no risk to human health in regard to the proposed development</p>
<p>The adequacy of -</p> <ul style="list-style-type: none"> <li>• The proposed means of access and egress from the site; and</li> <li>• Arrangements for the loading, unloading, manoeuvring and parking of vehicles</li> </ul>	<p>Access and egress to the subject site will be upgraded to suitable standards to allow for private and truck movements during the construction phase and the subsequent operation phase. Requirements will be confirmed once a construction manager is appointed, with upgrades done to the Shire of Merredin requirements.</p> <p>There is sufficient room on the subject site for loading and unloading of trucks and laydown areas and the parking of vehicles.</p>

Matters to be considered	Response
The amount of traffic likely to be generated by the development, particularly in relation to the capacity of the road system in the locality and the probable effect on traffic flow and safety	It is expected that over the construction period of 12 – 18 months that there will be approximately 300 truck movements to and from the site. It is estimated that there will be a construction workforce of approximately 150 workers over the course of the project, with a peak workforce of no more than 50 people. The peak numbers of movements for these workers will be during the am period of approximately 7 – 8am and then the pm period between 4 – 6 pm as workers arrive in the morning to commence working and then leave in the pm period.
The availability and adequacy for the development of the following – <ul style="list-style-type: none"> <li>Public transport services</li> <li>Public utility services</li> <li>Storage, management and collection of waste</li> <li>Access for pedestrians and cyclists (including end of trip storage, toilet and shower facilities)</li> <li>Access by older people with disability</li> </ul>	There are no public transport options to the subject site as it is located remotely outside the town of Merredin.
The potential loss of any community service or benefit resulting from the development other than the potential loss that may result from economic competition between new and existing businesses	There will be no loss of any community service or benefit.
The history of the site where development is to be located	The site is a multigeneration agricultural property used for cropping and grazing. This agricultural land use will continue on the majority balance of the site once the BESS is operational.

Matters to be considered	Response
The impact of the development on the community as a whole notwithstanding the impact of the development on particular individuals	The proposed development will not have a detrimental effect on the community or any particular individuals. The development is seen as adding value to the community with the Shire potentially becoming a green hub in the Wheatbelt region. There will be opportunities for short-term and long-term employment as a result of the project.
Any submissions received on the application	
Za) the comments or submissions received from an authority consulted under clause 66	
Zb) any other planning consideration the local government considers appropriate	All planning considerations have been addressed.

## 4.6 SHIRE OF MERREDIN LOCAL PLANNING SCHEME NO.6

Under LPS6 the subject site is zoned General Farming zone.

The Shire of Merredin's LPS6 was gazetted by the Minister for Planning in June 2011. Under LPS6 the subject site is zone 'General Farming' zone with the objectives of the General Farming zone outlined under Clause 3.2.11 being:

*3.2.11.1 To provide for a range of rural pursuits that are compatible with the capability of the land and retain the rural character and amenity of the locality.*

*3.2.11.2 To protect land from urban uses that may jeopardise the future use of that land for other planned purposes that are compatible with the zoning.*

*3.2.11.3 To support sustainable farming practices and the retention of remnant vegetation.*

*3.2.11.4 To prevent any development that may affect the viability of a holding.*

*3.2.11.5 To encourage small scale, low impact tourist accommodation in rural locations.*

*3.2.11.6 To encourage a diversification of rural activities that will reduce the dependency of the rural sector on traditional crops.*

*3.2.11.7 To support the creation of homestead lots in accordance with adopted Local Planning Policy.*

*3.2.11.8 To support mining activities where an environmental management plan has been prepared and is acceptable to the local government and the Environmental Protection Authority.*

*3.2.11.9 To preclude the disposal of used tyres or any other material that may be detrimental to the quality of the land.*

The proposed battery facility and associated works meet the objectives of the General Rural zone in that the proposed development is:

- Compatible with the capability of the land and will not have a detrimental affect on the rural character of the area nor the amenity of the locality.
- The facility will not jeopardise the future use of the

land for other planned purposes that are compatible with the zoning.

- The subject site is cleared of remnant vegetation and will have no effect on sustainable farming practices.
- The development will not have any affect on the viability of land holdings.

Clause 4.13 of the Shire's LPS6 relates to development in the General Farming zone and states:

*All proposals for development in the General Farming zone must have regard to both on-site and off-site impacts and, where necessary, should be accompanied by information identifying –*

- *Environmental values and environmental risks*
- *The potential for land use conflict*
- *The potential impacts and restrictions on allowed uses on adjacent or nearby locations*
- *The separation distances and/or buffer relating to a potentially incompatible land use which needs to be provided on- site and the appropriate conditions relating to subdivision and development.*

The proposed BESS facility meets these requirements as:

- The location of the BESS facility on cleared land that contains no pockets of remnant vegetation, and the facility will not have any detrimental environmental effect with on-site or off-site. Rather the proposed facility within a precinct with the existing Merredin Terminal station will provide the Shire and the state with a source of clean green energy as the State moves towards net zero and therefore the environmental value that will be produced offsite is of an extremely high value.
- There is no potential for land use conflict as the proposed facility is within a power generation precinct with energy related infrastructure.
- There are no potential impacts nor proposed restrictions on allowed uses on adjacent land broad acre cropping, grazing and other farming practices will be able to continue to occur on the surrounding land.
- Appropriate buffers will be put in place in relation to the BESS facility in regard to applicable separation distances and these will be contained within the

fence that will protect the facility.

#### LAND USE CLASSIFICATION UNDER LPS6

Under the Shire LPS6 renewable energy facility is not a use that is listed within the zoning table, Clause 3.4.2 of LPS6 addresses this matter by stating that:

If a person proposes to carry out on land any use that is not specifically mentioned in the Zoning Table and cannot reasonably be determined as falling within the type, class or genus of activity of any other use category the local government may –

- determine that the use is consistent with the objectives of the particular zone and is therefore permitted;
- determine that the use may be consistent with the objectives of the particular zone and thereafter follow the advertising procedures of clause 64 of the deemed provisions in considering an application for development approval; or AMD 5 GG 04/07/17
- determine that the use is not consistent with the objectives of the particular zone and is therefore not permitted.

Land Insights and the proponent request that the Shire and the Joint Development Assessment Panel consider that the proposed use of the subject site is either consistent or may be consistent with the General Farming zone and therefore allow this application to be considered. In support of this request it should be noted that the siting of the proposed facility is adjacent to similar energy-related infrastructure, Merredin Solar Farm, Merredin Terminal and Merredin Energy dual fuel peaking plant. The rationale for determining the consistency with the General Farming zone are outlined within this report.

#### 4.7 LOCAL PLANNING STRATEGY (LPS)

The subject site is located within the General Agriculture category under the Shire of Merredin's Local Planning Strategy which was endorsed in 2007. Under the LPS no objectives are provided for this use and simply states under Clause 4.3.4 in relation to rural areas within the Shire that:

*rural land should be protected from proposals that might compromise agricultural viability such as ad-hoc subdivision and incompatible use or development.*

The proposed facility within an energy precinct comprising Merredin Solar Farm, Merredin Terminal and Merredin Energy dual fuel peaking plant. As such it will not compromise agricultural viability and is not an incompatible use or development.

## 5.0 site conditions

### 5.1 SITE SELECTION

The proposed site was selected for the following key reasons:

- It is adjacent to Western Power's Merredin Terminal – a 33kV, 66kV, 132kV and 220kV terminal substation which has numerous existing energy infrastructure, including the 220kV transmission line which feeds the Goldfields and runs back to Muja.
- This part of the SWIS may benefit from a utility-scale BESS facility offsetting potential augmentation works otherwise required by Western Power.
- The close proximity of Merredin Terminal means that the cable route to connect the proposed BESS facility to the SWIS is less than 100m, resulting in minimal impacts and requirements from required transmission infrastructure.
- The site is cleared and has been used for cropping and grazing for over 100 years, meaning there's negligible impact to neighbouring native vegetation and biodiversity.
- The site is adjacent to other generation facilities, being the Merredin Energy dual fuel peaking plant and Merredin Solar Farm (the State's largest operational solar farm).
- There is good access to the site from existing public highways, minimising disruption to the community during construction as no new roads will need to be constructed.

Within the proposed site boundary, there is adequate space to accommodate future expansion if required, the infrastructure layout has been designed to optimise space whilst preserving a suitable Asset Protection Zone and keeping the transmission cable route back to Merredin Terminal to a minimum.

No clearing is required within the site and given the relatively flat nature of the site, minimal cut and fill earthworks will be required to effectively prepare the site for the proposed infrastructure.

### 5.2 TOPOGRAPHY AND LANDSCAPE

The subject site is essentially flat with very little change in the landscape over the subject site and in particular where the BESS facility is proposed to be located. Further, as mentioned previously in this report the subject site is currently fully cleared and is currently

used for cropping and grazing. Further the location of the BESS facility adjacent to the existing Merredin Terminal substation will mean that the proposed facility will blend in to the already existing use. This is considered further in Section 6 of this report (Visual Assessment).

### 5.3 AGRICULTURAL LAND USE

The subject site is not identified in the Shire LPS nor Strategy as of being a high agricultural value. The proposed facility will only impact a small portion of the subject site, being approximately 4ha of a 61.5ha site. This means that the existing agricultural land use can keep operating over the majority (>93%) of the subject site with only a small loss of agricultural land.

Figures 6a and 6b show the land capability for these agricultural land uses across the site, along with an assessment of agricultural land to be lost to the Wheatbelt region as a result of the proposal.

An assessment of land qualities relevant to the construction phase of the project (wind erosion and water erosion) indicate that the site is not significant susceptible to these potential impacts.

### 5.4 VEGETATION AND ECOLOGICAL COMMUNITIES

The subject site contains no remnant vegetation and is cleared and used for grazing and cropping purposes. The Wheatbelt Threatened Ecological Community is present in the area, and additionally, past flora surveys have identified threatened and rare species within areas of remnant vegetation as shown in Figure 7.

The site and proposal were discussed with a qualified botanist (who has previously assessed the Merredin Solar Farm site) in regards to potential impacts of the project, and it was determined that no spring surveys were required due the cleared agricultural nature of the site and surrounding areas. The establishment of the BESS facility is not expected to have any impact on any TEC.

### 5.5 WATER RESOURCES

A creek runs to the north of the proposed development however this does not impact the subject site. An existing farm dam is located directly to the west of the proposed BESS facility on Western Power land, and the owner of the subject site will grant an easement across the access track to provide ongoing access to the dam for agricultural purposes. The landowner

has agreed to the form of easement, and this will be implemented following receipt of Development Approval.

## 5.6 HERITAGE

A review of the Department for Planning Lands and Heritages found no Aboriginal Heritage sites on the subject site nor are there any areas of European Heritage on or near the subject site. An archaeological and ethnographic survey was undertaken on the adjoining site prior to the development of the Merredin Solar Farm. This survey concluded that there were no Aboriginal sites of interest on the property – and given the similar nature of the land adjacent a similar conclusion is expected. Development that has the potential to impact on any Aboriginal heritage site (whether discovered or not) is currently governed by the Aboriginal Heritage Act 1972, which could require additional consideration.

## 5.7 SEPARATION DISTANCES

At this stage no separation distances are prescribed under legislation or policy for the proposed facility other than for bushfire requirements which can easily be accommodated on the subject site. As shown on Figure 8 – Nearby Houses – Sensitive Receptors a 2km buffer has been placed around the proposed facility with the nearest houses falling outside of this buffer.

## 5.8 BUSHFIRE

Although the subject site is not covered by an identified bushfire prone area as shown in Figure 4 – Bushfire Prone Areas above, an appropriate and applicable risk assessment has been undertaken to ensure that appropriate emergency plans and equipment are on site should any issues arise in relation to the BESS facility.

## 5.9 TRAFFIC AND TRANSPORT

A traffic impact assessment has not been undertaken for the proposed facility due to the small number of traffic movements, both by truck and private vehicles that will be undertaken throughout the 12-18 month construction phase of the project, with at most 5-6 movements per day at the peak construction period. Once the technical details of the proposal are finalised, a construction manager and contractor appointed, a detailed Traffic Impact Assessment will be prepared for the Shire to review and approve.

Post the construction phase there will be minimal car movements to and from the site with the facility largely being monitored autonomously and unmanned.

During the life of the project there will be periods when the infrastructure on the subject site will need to be maintained, serviced and in some instances upgraded. During these periods there will be a slight increase in traffic movements however it will not have a significant impact on the surrounding road network nor on the access and egress to the subject site.

## 5.10 CONSTRUCTION MANAGEMENT PLAN

It is suggested that a Construction Management Plan be prepared prior to on-site work commencing. This will ensure that the management of the site is appropriate for the construction phases and methodologies required to implement the project. The Construction Management will review the management actions identified as part of the Development Assessment process, and provide further details on site-specific management as required.

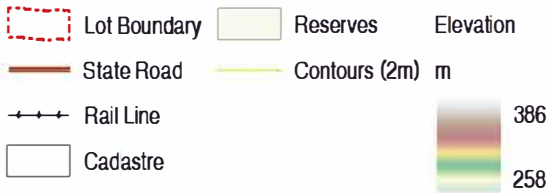
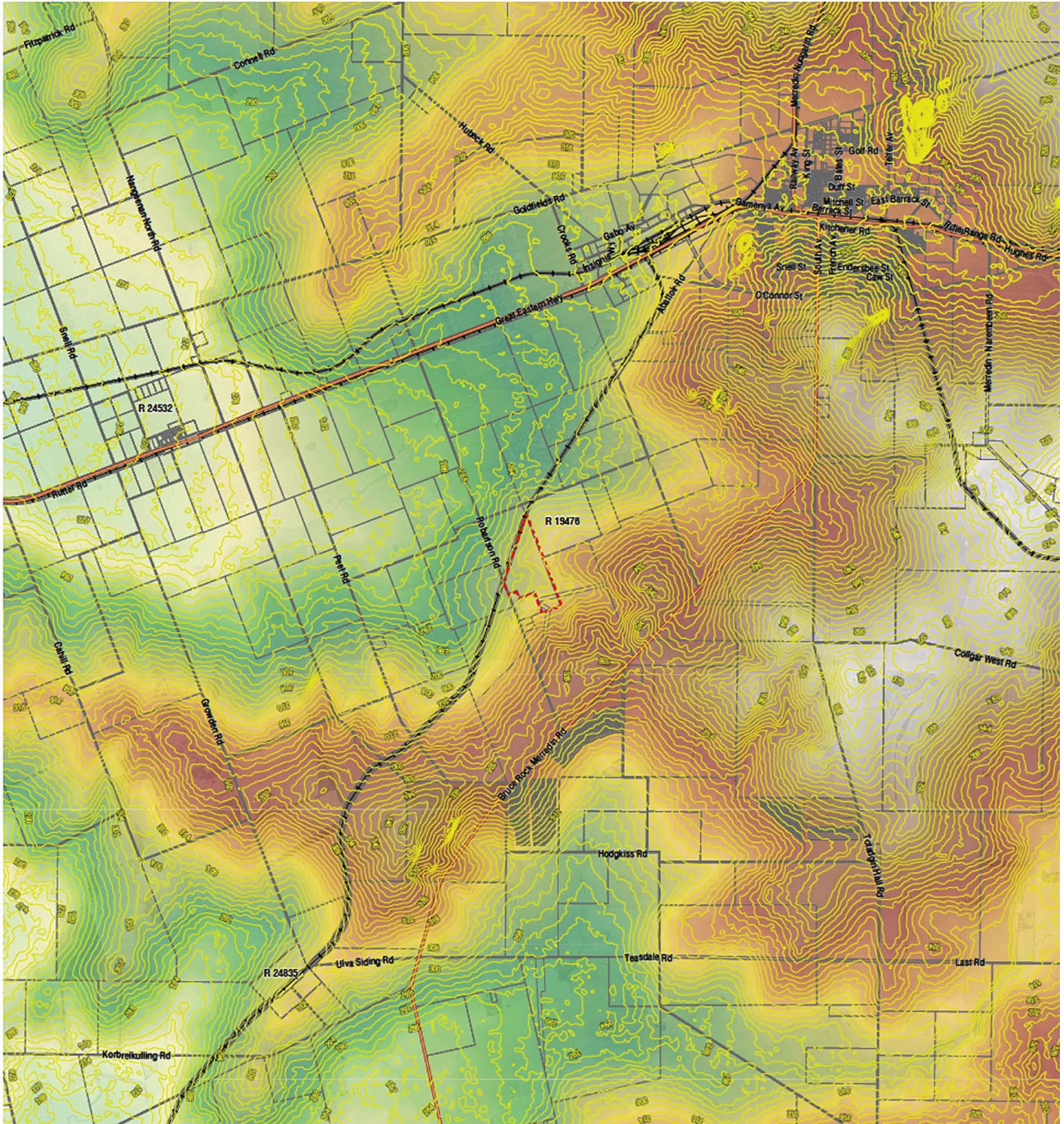
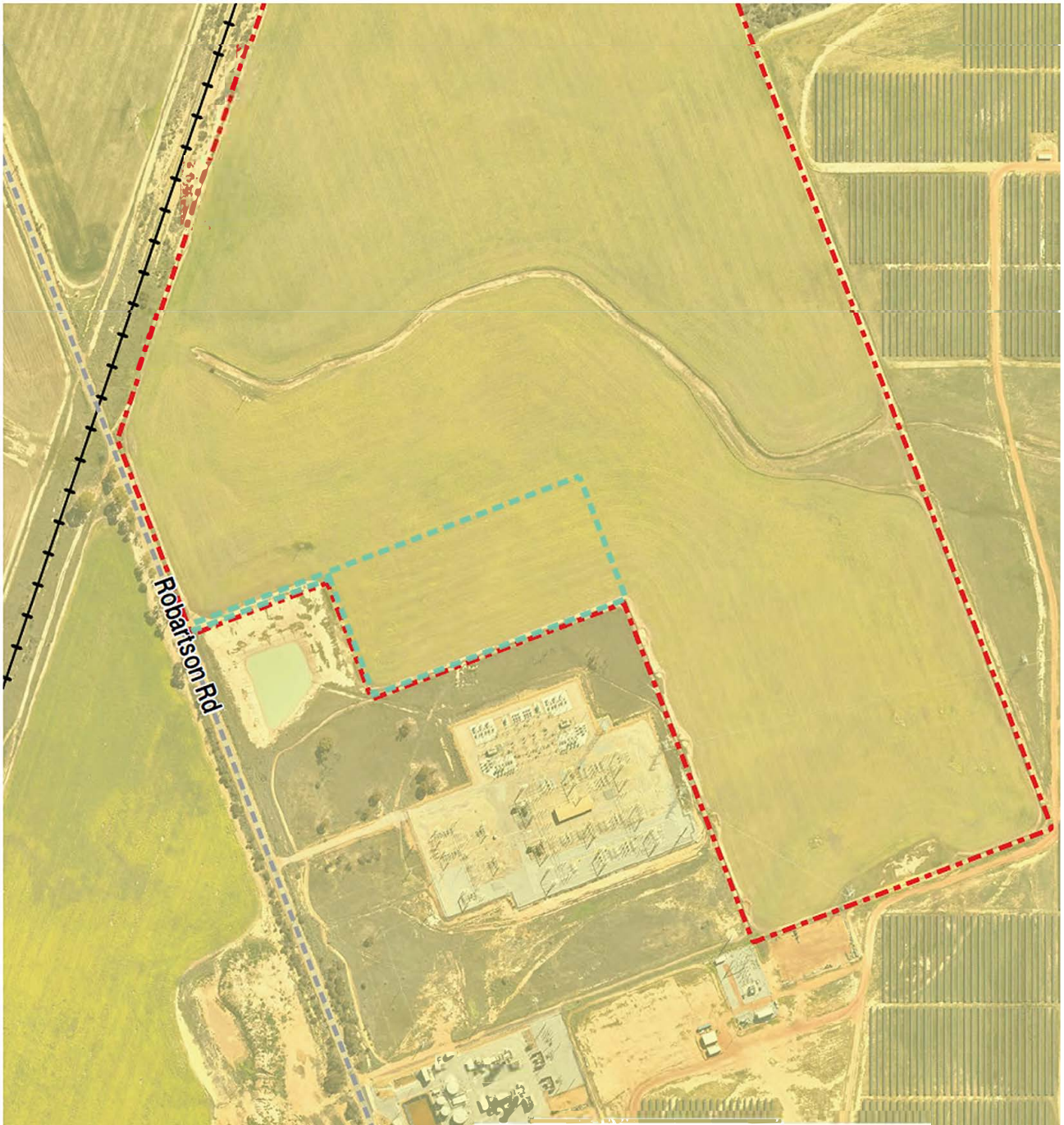





Figure 5: Topography








-  Battery Project Area
-  Lot Boundary
-  Rail Line
-  Local Road

**Grazing Land - Shire of Merredin**

-  A1 - >70% of the land has high to very high capability
-  A2 - 50-70% of the land has high to very high capability
-  B1 - >70% of the land has moderate to very high capability

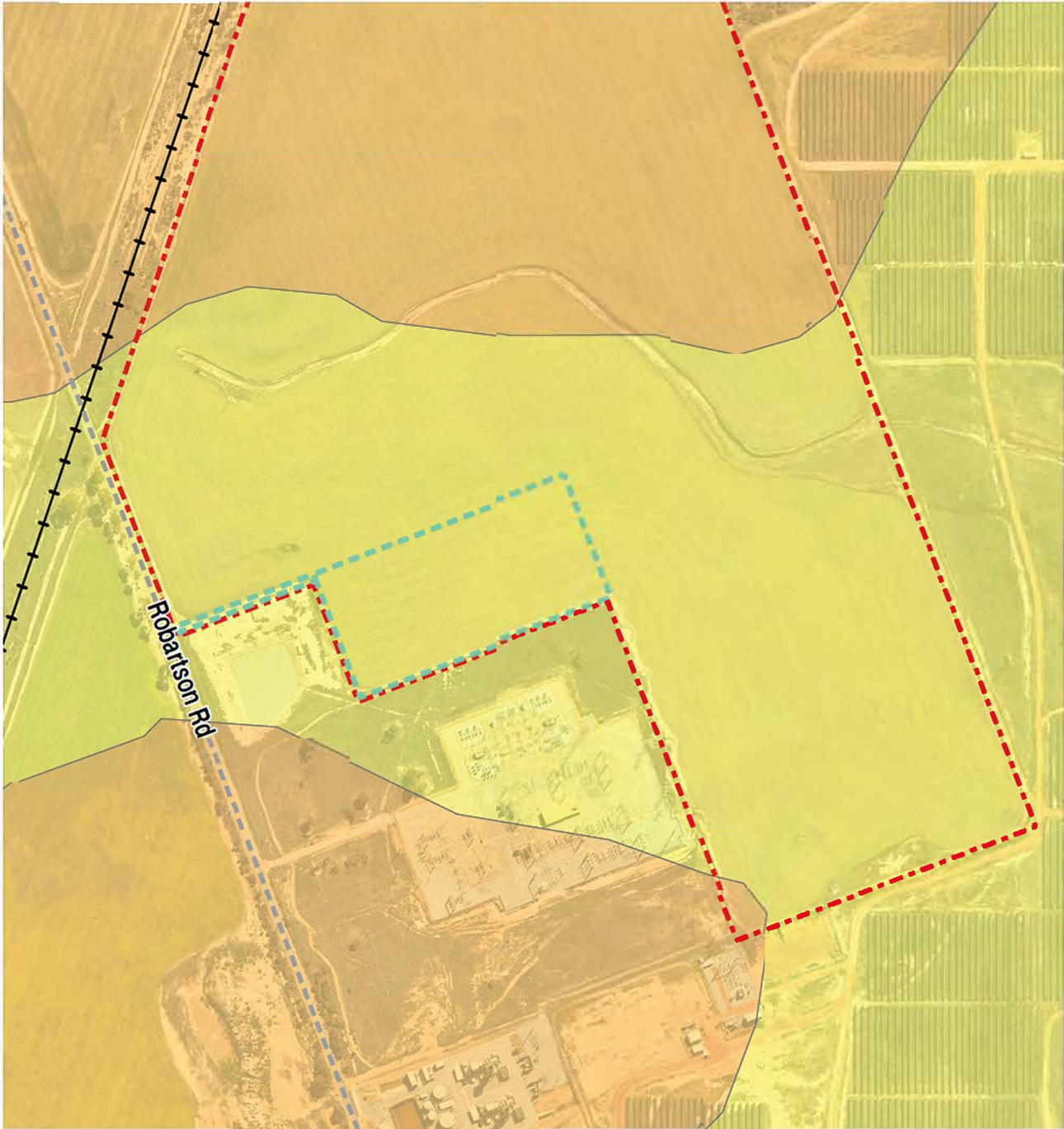
-  B2 - 50-70% of the land has moderate to very high capability
-  C1 - 50-70% of the land has low to very low capability
-  C2 - >70% of the land has low to very low capability

**Battery Site - Grazing Area Percentage**

Land Type	Area (ha)	Area %
Battery Site	3.38	
Agricultural land	329223.90	0.0010
B1/B2 land	235570.79	0.0014
C1/C2 land	72597.48	0.0047



Figure 6a: Land Capability - Grazing



Battery Project Area

Lot Boundary

Rail Line

Local Road

**Cropping Land - Shire of Merredin**

B1 - >70% of the land has moderate to very high capability

B2 - 50-70% of the land has moderate to very high capability

C1 - 50-70% of the land has low to very low capability

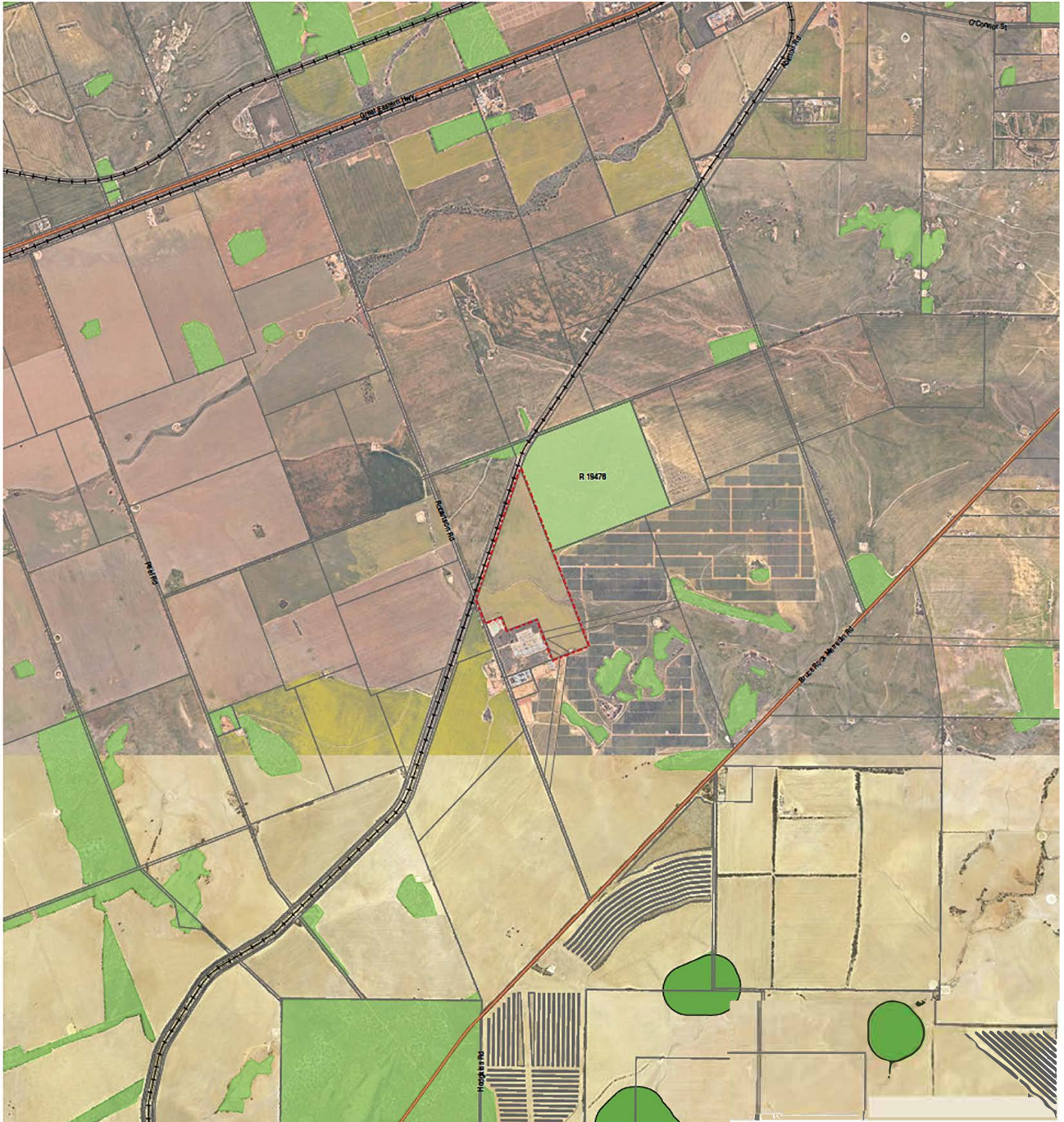
C2 - >70% of the land has low to very low capability

**Battery Site-Cropping Area Percentage**

Land Type	Area (ha)	Area %
Battery Site	3.38	
Agricultural land	329223.90	0.0010
B1/B2 land	247337.55	0.0014
C1/C2 land	81886.35	0.0041



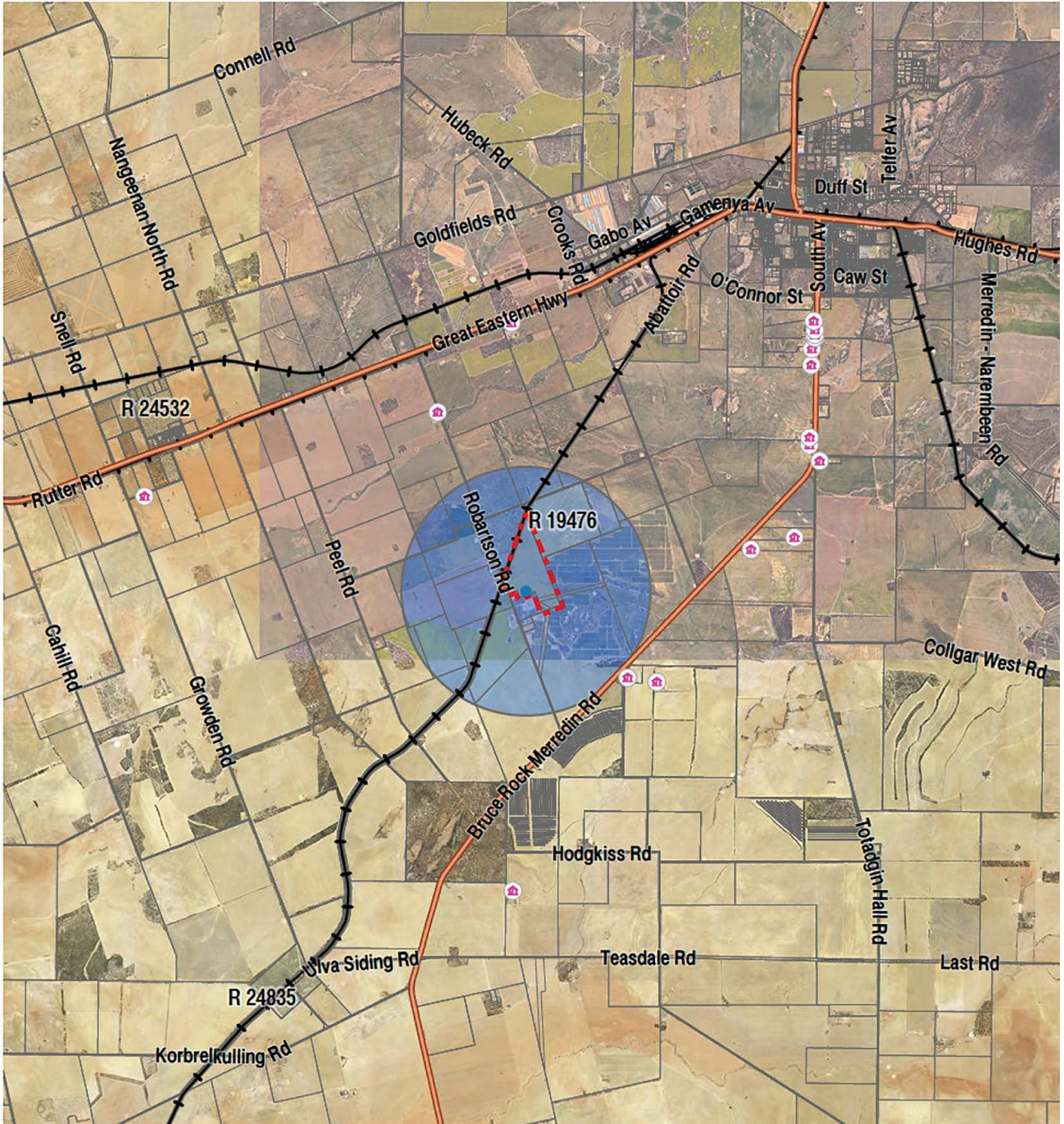
Figure 6b: Land Capability - Cropping



- Lot Boundary
- Reserves
- State Road
- Native Vegetation Extent
- Rail Line
- TEC
- Cadastre
- Threatened



Figure 7: Remnant Vegetation & TECs



- Lot Boundary
- State Road
- Rail Line
- Cadastre
- Reserves
- 🏠 Houses (Merredin BESS)
- 2km Buffer

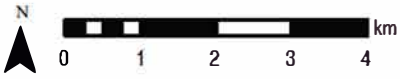


Figure 8: Nearby Houses

# 6.0 Visual assessment

## 6.1 VISUAL ASSESSMENT CONTEXT

The Merredin townsite is in the eastern Wheatbelt region of WA. This area is in an agricultural area of predominant cropping lands with the landscape having been heavily cleared of native vegetation for this purpose. The landscape is now rolling with a visually strong horizontal scale for many of the significant views. These views are often dominated by skylines (views of big skies) and flat or slightly sloping fields. Trees are sparse with many relegated to fringing fields, roads or rail corridors. Patches of remnant vegetation provide skyline borders. The adjoining solar farm is visible but is viewed as part of a modified rural landscape.

It is not a natural landscape, but in its modified form represents the impact of clearing on a broad scale to create large broad acre farms.

In such a landscape it is not always possible to visually hide or blend a large infrastructure element, however the large scale of fields and views provides a dilution of impacting elements, and in this context the locality of the BESS is adjacent to a dam, energy infrastructure (Western Power's Merredin Terminal) and energy generation facilities (Merredin Energy peaking plant and Merredin Solar Farm). These elements are prescribing a 'new' landscape for the locality, one of green or renewable energy generation, distribution and storage.

The facility is contained in modular format as an array of containers. There are spaced for the purposes of cooling and related operational considerations however this will also result in the facility being seen as one element of modules sitting on the land. In a similar way, a number of farming properties in this locality have stored objects in open viewed areas, many of these are assessed to be visible from the public domain.

The terrain is rolling and there are few trees. The actual site of the BESS is however screened on the west and south by the dam and the switchyard which separate it from Robartson Road which is the closest public road. The Perth - Adelaide Railway runs to the northwest but is almost 0.5 km away.

There are already a number of visual elements such as the dam, the solar farm and the switchyard which occupy views across the land and so the BESS might be considered just another, the next instalment to the transformed landscape.

## 6.2 TECHNIQUE

The viewing points to be identified as the basis for determining visual aesthetic impact are part of the scene analysis technique. This technique has 5 steps:

- This describes the aesthetic qualities and overall scenery of the place;
- Identifies points where views would be taken to hold representative public values for the landscape aesthetics;
- Describes scenes from each Viewing Point in terms of the pre and post development scenery, values and sensitivity.
- The change between pre and post development represents the impact which is described in terms of low, medium or high acceptability of impact.
- Analysis of the impact leads to the consideration of management or mitigation as the opportunity or capability of the surroundings to be modified, or the design to be revised to reduce impact.

Five viewing points are identified as the basis for undertaking the Visual Assessment Landscape Impact study, given the nature of the project and the

- Context of the location
- Adjacent structures and features
- Limited public access in surrounding areas
- Altered landscape scenery in existence.

## 6.3 ASSESSMENT OF THE PROJECT AND THE SETTING

A simple assessment can be completed as follows.

### CONTEXT OF THE LOCATION

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The site and surroundings are extensively cleared cropping land. It is therefore already heavily modified and has several instances of structures and industrial scale installation.

### ADJACENT STRUCTURES AND FEATURES

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The site is located adjacent to a farm dam, and a switching and transformer yard. These structures already introduce a discordant change to what was a flat agricultural field landscape character. The large solar farm to the east introduces a monumental scale to the area which is not a dominant visual element because PV are horizontal and follow the terrain. The BESS is therefore a small additional shift in scenery change.

### LIMITED PUBLIC ACCESS TO VICINITY

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The site is separated from the public viewing domain which is largely limited to sections along Robartson Road.

### ALTERED LANDSCAPE

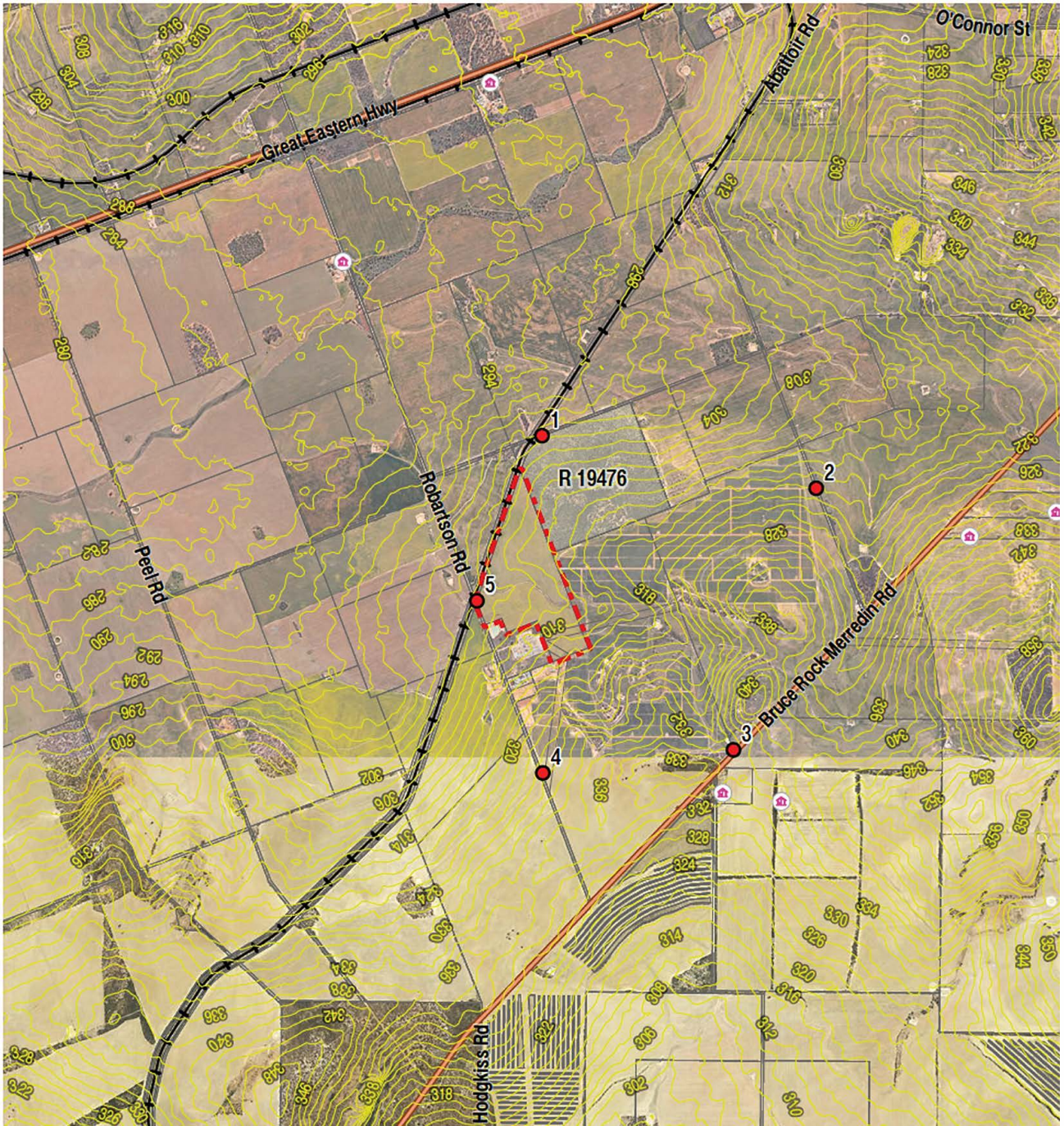
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The development of renewable energy facilities into the Merredin landscape heralds a scenery transformation of which there may be emerging a new synonymy of this technology, its aesthetic and the place values of Merredin.

### VIEWPOINT DESCRIPTIONS

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- VP 1 – from rail reserve noting this is no longer used.
- VP 2 – from an internal farm track east of the BESS.
- VP 3 – from road to the south of the farm.
- VP 4 – Robartson Rd south of the BESS.
- VP 5 - Robartson Rd near rail crossing



- Viewing Point
- +— Rail Line
- Contours (2m)
- ▭ Cadastre
- - - Lot Boundary
- ▭ Reserves
- State Road
- ⊗ Houses (Merredin BESS)



Figure 9: Viewpoints

## 6.4 ASSESSMENT OUTCOMES

The following table summarises the assessment of visual impact from each of the designated viewing points.

VP	Visual Experience	Public Sensitivity	Acceptability L, M, H	Management/Mitigation
1	Possible glimpses of BESS however intervening scrub and physical distance may relegate it to a minor component of any scene from VP 1	Low	Not visible and therefore unlikely to cause perceptible visual impact issues. H	None needed.
2	Direct views of BESS unlikely	Low	Not visible and unlikely to cause perceptible visual impact issues. H	None needed.
3	Direct views of BESS structure across fields.	Low	Not visible and unlikely to cause perceptible visual impact issues. H	None needed.
4	Scenery may have long middle ground visibility of BESS as a glimpse and minor part of the current collective view of dam and switching yard.	Medium	Possibly visible but unlikely to cause unacceptable visual impact issues. H	Improve the density of planting along the Robartson Road reserve.
5	Closest to BESS, will be seen in front of the switchyard and may be seen as part of an ensemble of the current collective view of dam and switching yard.	Medium	Solar panels visible in middle ground beyond highway screening vegetation. M-H	Screen planting along the reserve of Robartson Road will reduce visibility.



*VP4 looking towards the site*





*VP5 looking towards the site*



*Proposed BESS site (approx, orange) within existing visual context*

## 6.5 CONCLUSION

The Visual Impact Landscape Assessment concludes that the BESS, whilst visible as part of the scenery of the place would not be visible from all but VP 4 & 5. That view is described as part of the overall assembly of switchyard and dam and transmission lines for VP 5 and as a glimpse from VP 4.

In the circumstances therefore the visual impact of the battery is very limited overall and likely to be viewed as an additional industrial element of a recently changed rural scene, and a small part of that scene at that.

Should the VILA be considered to merit management the surroundings of the BESS and/or its design could be reviewed to explore the following mitigations:

- Install the BESS on a low pad
- Select lighter and muted colours such as sage green, sky blue, white or beige
- Limited screen planting to the road reserve especially where VP is closest (VP 5) to the BESS although it is noted views are not strongly influenced.

# 7.0 Assessment and management

## 7.1 RISK AND MITIGATION FRAMEWORK

A risk assessment has been undertaken to review the environmental and amenity risks potentially associated with the project. The assessment is based on the criteria in the Department of Water and Environmental Regulation's Guidance Statement: Risk Assessments (2017). The risk rating will be determined in accordance with the risk matrix below.

Likelihood	Consequence				
	Slight	Minor	Moderate	Major	Severe
Almost certain	Medium	High	High	Extreme	Extreme
Likely	Medium	Medium	High	High	Extreme
Possible	Low	Medium	Medium	High	Extreme
Unlikely	Low	Medium	Medium	Medium	High
Rare	Low	Low	Medium	Medium	High

Source: DWER, 2017

The following criteria has been used to determine the likelihood and consequence of the risk occurring.

Likelihood		Consequence	
Almost certain	The risk event is expected to occur in most circumstances.	Severe	On-site impacts: catastrophic (significant impact to the environment) Off-site impacts local scale: high level or above Off-site impacts wider scale: mid-level or above Mid to long term or permanent impact to an area of high conservation value or special significance^ Significant long-term damage/loss of ecosystem function and loss of individuals of species locally
Likely	The risk event will probably occur in most circumstances.	Major	On-site impacts: high level (moderate impact to the environment) Off-site impacts local scale: mid-level Off-site impacts wider scale: low level Short term impact to an area of high conservation value or special significance^ Moderate damage to ecosystem function and major loss of individuals of species locally.
Possible	The risk event could occur at some time.	Moderate	On-site impacts: mid-level (Minor adverse effect to the environment) Off-site impacts local scale: low level Off-site impacts wider scale: minimal Moderate loss of individuals of species locally.
Unlikely	The risk event will probably not occur in most circumstances.	Minor	Off-site impacts local scale: minimal Off-site impacts wider scale: not detectable Minor number of individuals of species may be affected locally.
Rare	The risk event may only occur in exceptional circumstances.	Slight	On-site impact: minimal (No discernible adverse impact).

Source: DWER, 2017

^ Determination of areas of high conservation value or special significance should be informed by the Guidance Statement: Environmental Siting.

\*'onsite' means within the Lot boundary.

In considering the response or mitigation and residual risk associated with the project, the EPA mitigation hierarchy for environmental factors has been followed. This proposes the following:

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### **AVOID**

Avoid the adverse environmental impact altogether. This may include reducing the footprint or changing the location of the footprint to avoid areas with high environmental values.

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### **MINIMISE**

Limit the degree or magnitude of the adverse impact. This may include reducing the footprint or carefully selecting technologies, processes (such as re-use of waste products) and management measures (such as bunding or dust and noise control measures) to reduce the impact.

---

### **REHABILITATE**

Repair, rehabilitate or restore the impacted site as soon as possible. Adequate rehabilitation information is integral to the mitigation hierarchy to ensure early identification of knowledge gaps and risk as well as development of criteria and research to meet objectives.

---

### **OFFSET**

Undertake a measure or measures to provide a compensatory environmental benefit or reduction in environmental impact to counterbalance significant adverse environmental impacts from implementation of a proposal. The measure(s) are taken after all reasonable mitigation measures have been applied and a significant environmental risk or impact remains. Offsets are not appropriate for all proposals and will be determined on a proposal-by-proposal basis.

## 7.2 POTENTIAL IMPACTS, MITIGATION AND RESIDUAL RISK

The outcomes of an Impact Assessment are described below, including a response or mitigation to potential impacts. Based on the outcomes of the assessment, it is considered that there are no significant residual impacts as a result of the proposed development.

Feature	Potential Impact	Response or mitigation	Residual Risk
Landscape and Visual Impact	Potential for impact on visual amenity for nearby sensitive land uses (houses) and the surrounding rural area.	<p>The Visual Analysis of Landscape impact concludes that the BESS, whilst visible as part of the scenery of the place would not be visible from all but VP 4 &amp; 5. That view is described as part of the overall assembly of switchyard and dam and transmission lines for VP 5 and as a glimpse from VP 4.</p> <p>In the circumstances therefore the visual impact of the battery is very limited overall and likely to be viewed as an additional industrial element of a recently changed rural scene, and a small part of that scene at that.</p> <p>The panels themselves are a minor element, visible but aligned to the terrain from most vantages.</p>	Low
Soil management	Potential for erosion and degradation of soil qualities.	<p>Construction of the BESS will result in some soil disturbance through movement of machinery across the land and during construction work. There may be some potential for soil erosion as the soil becomes disturbed, however the soil types on the property have low potential for wind and water erosion and instability which will help manage this issue.</p> <p>Soil disturbance and erosion can be managed during the construction phase using water to suppress the creation of dust (and wind erosion). Following construction, the likelihood of soil disturbance will be low.</p>	Low
Vegetation and habitat	<p>Removal and degradation of native vegetation and habitat for native fauna.</p> <p>Potential impact to threatened species including Threatened and Priority Flora, Threatened and Priority Fauna and Threatened Ecological Communities.</p>	<p>The site is already cleared of native vegetation.</p> <p>Therefore, it is concluded that the proposed development will not have a significant impact to native flora and fauna.</p>	Low

Feature	Potential Impact	Response or mitigation	Residual Risk
Water resources and drainage	Modification and degradation of surface and groundwater features and modification to drainage flow (either increase or decrease in flow) which can have impacts downstream.	<p>There are no concerns about flooding on the property (flood risk and waterlogging risk is low) and natural flow of water will continue in the existing arrangements, utilising the existing drainage lines across the site.</p> <p>Runoff from the site will be retained and prevented from leaving the site. This is particularly important in regard to the adjoining farm dam, and it will be a priority to protect this water source. A detailed technical drainage plan will be prepared to complement a construction management plan.</p>	Low
Separation distances	Small separation distances can affect nearby sensitive land uses (such as residential dwellings).	<p>The closest sensitive receptor is located over 2km to the site.</p> <p>As can be seen below, the potential impacts associated with noise, dust, visual amenity, odour and reflection will be minimal and, as such, impacts to nearby sensitive land uses will be low.</p>	Low
Dust	The potential for the creation of dust from the operation which may reach adjoining properties and sensitive land uses.	<p>There is the potential for some dust during the construction phase of the project, however given the surrounding agricultural/industrial land uses this is likely to have minimal impact. The closest sensitive receptor is located over 2km to the site.</p> <p>Once the site is fully constructed there will be no dust generated.</p> <p>Dust mitigation will be addressed in the Construction Management Plan.</p>	Low
Noise	The potential for the creation of noise from the operation which may reach adjoining properties and sensitive land uses.	<p>Some noise will be emitted during construction, largely from machinery and vehicles.</p> <p>The battery system will generate some noise once operational – largely from the BESS containers and cooling systems. The final technical details of the battery system are to be refined, and these will come with relevant noise data sheets. Once received, a detailed Noise Assessment can be undertaken. It should be noted however that the nearest sensitive receptor is over 2km away from the site, and the adjoining electrical generation infrastructure can also emit noise. On an initial assessment it is not considered noise will be a significant issue.</p>	Medium
Odour	The potential for the creation of odours which may reach adjoining properties.	<p>There will be no odour emitted from the site during either the construction or operational phase.</p> <p>Onsite temporary toilet facilities will be maintained as per the standard required. They will only be located on site for a short time (during the construction phase) and will be removed afterwards.</p>	Low

Feature	Potential Impact	Response or mitigation	Residual Risk
Fire	Impacts from bushfire or equipment fires	<p>Although the subject site is not designated as bushfire prone under SPP3.7 (as shown in the mapping) the proposal has been assessed under Clause 6.6 of SPP3.7 as the proposal is seen as high risk and triggers the need for assessment and reporting in relation to a Bushfire Management Plan (BMP) and an additional Risk Assessment. This has been completed and is attached at Appendix C.</p> <p>Post the construction phase the proposed development will be largely autonomous with people only located on the site during periods of scheduled/unscheduled maintenance and therefore the proposed development will not be habitable and not occupied for substantial extended periods of time.</p>	Low
Traffic and access	Impact on local roads from construction traffic	<p>The construction period is between 12-18 months, and a maximum of only 5-6 heavy vehicle movements per day will be accessing the site at peak construction periods.</p> <p>Once the technical details of the proposal are finalised, a construction manager and contractor appointed, a detailed Traffic Impact Assessment will be prepared for the Shire to review and approve.</p>	Low
Heritage	Impact on Aboriginal or European Heritage sites.	<p>There are no known or registered heritage sites on or nearby to the site. Furthermore, the site has been heavily disturbed by cropping activities over a long period of time, reducing the likelihood of any Aboriginal archaeological being present. Nevertheless, should any archaeological sites be uncovered during the construction phase, work will need to stop and appropriate action undertaken in accordance with relevant legislation.</p>	Low
Waste Management	Waste from the site not being appropriate controlled or disposed of.	<p>The construction contractor will identify and store any recyclable materials in appropriate on-site bins for removal from the site as required. Other waste management measures will be outlined in the Construction Management Plan. There will be minimal waste generation once the site is operational. This will be managed by the site operator as required.</p>	Low



## 8.0 Conclusion

This application and supporting planning report presents the merits and suitability of the Nomad Energy BESS facility for the location on a portion of Lot 5 Robartson Road, Merredin and located adjacent to the existing Merredin Terminal station.

This report and its appendices comprehensively demonstrate that the proposed development is consistent with the applicable planning framework and the proposed facility can be approved and is consistent with the objectives of the General Farming zone within the Shire.

The proposal warrants approval for the following reasons:

- The subject site is cleared and relatively flat with no remnant vegetation contained on the subject site.
- The proposed development will also not have any adverse impacts on surrounding land or vegetation once the facility is operational.
- The proposed development will only occur on a small portion of agricultural land leaving the majority of the lot to continue to be used for rural purposes.
- As outlined under the visual assessment and due to the location of the neighbouring existing Merredin Terminal, Merredin Energy peaking plant and Merredin Solar Farm, the proposed development will not have a detrimental affect on the visual landscape within the immediate surrounds.

**appendix a**

**Application Form &  
Certificate of Title**



# DAP FORM 1

## Notice of Development Application to be Determined by a Development Assessment Panel

*Planning and Development Act 2005*

*Planning and Development (Development Assessment Panel) Regulations 2011 – regulations 7, 10 and 21*

### Application Details


To	<i>Name of local government and/or Western Australian Planning Commission</i> Shire of Merredin	
Planning Scheme(s)	<i>Name of planning scheme(s) that applies to the prescribed land</i> Local Planning Scheme No.6	
Land	<i>Lot number, street name, town/suburb</i> Lot 5 Robartson Road, Merredin	
Certificate of Title (provide copy)	<i>Volume Number</i> 1695	<i>Folio</i> 263
	<i>Location Number</i>	<i>Plan / Diagram Number</i>
Details of development application made to responsible authority	<i>Summary of Proposal</i> Battery Energy Storage System (BESS)	
Development Use	<i>Residential / Commercial / Industrial / Rural / Mixed Use / Other</i> Other	
Estimated cost of development (GST Exc)	\$ 220 million	

### Part A – Acknowledgement by Applicant and Landowner

Mandatory Application	<input checked="" type="checkbox"/> I give notice that I understand that this is a mandatory Development Assessment Panel application ( <i>regulation 5</i> )
Optional Application	<input type="checkbox"/> I give notice that I have elected to have the development application that accompanies this form determined by a Development Assessment Panel ( <i>regulation 6</i> )
Delegated Application	<input type="checkbox"/> I give notice that I understand that this is an application of a class delegated to a Development Assessment Panel for determination ( <i>regulation 9</i> )

### Applicant Details (to be completed and signed by applicant)

- By completing this notice, I declare that all the information provided in this application is true and correct.
- I understand that the information provided in this notice, and attached forming part of the development application will be made available to the public on the Development Assessment Panel and local government websites.

Name	Rebekah Hampson	
Company	Land Insights	
Address	<i>Street Number/PO Box number, street name, suburb, state, postcode</i> Level 6/191 St Georges Tce, Perth WA 6000	
Contact Details	<i>Email</i> rebekah@landinsights.com.au	<i>Phone</i> 1300 725 522
		<i>Date</i> 21/12/23

**Landowner Details (to be completed and signed if landowner is different from applicant)**

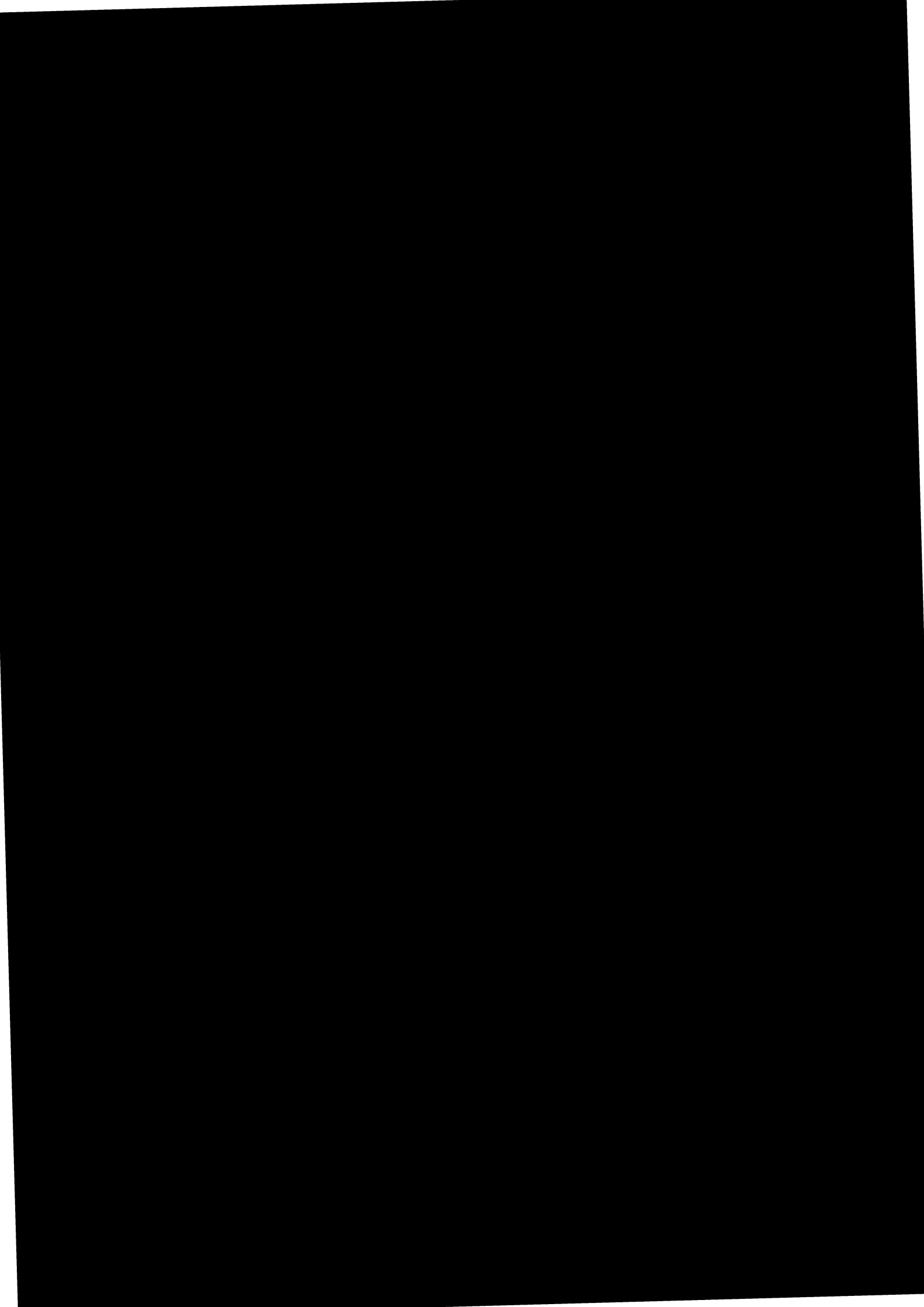
- By completing this notice, consent is provided to submitting this application.
- If there are more than two landowners, please provide all relevant information on a separate page.
- Signatures must be provided by all registered proprietors or by an authorised agent as shown on the Certificate of Title.
- Alternatively, a letter of consent, which is signed by all registered proprietors or by the authorised agent, can be provided.
- Companies, apart from sole directors, are required to provide signatories for two directors, a director and the company seal or a director and a company secretary.

Company (if applicable)	N/A	
Contact Details	Email [REDACTED]	Phone [REDACTED]
Address	Street Number/PO Box number, street name, suburb, state, postcode [REDACTED]	
Name/s	Ross Milton Robartson	
Title/s	Landowner/Sole Director/Directors (if applicable)	Additional Landowner/ Director/Secretary (if applicable)
Signature/s	[REDACTED]	
Date	13 <sup>th</sup> December 2023	

**Part B – Acknowledgement by Local Government**

Responsible Authority	<input type="checkbox"/> Local Government (LG) <input type="checkbox"/> * Western Australian Planning Commission (WAPC) <input type="checkbox"/> * Dual – Local Government and Western Australian Planning Commission <input type="checkbox"/> Department of Finance – Public Primary School Applications	
* WAPC/DUAL reporting details	If WAPC or DUAL is selected, please provide details of relevant provision (or within covering letter)	
Fees for applications (DAP Regulations - Schedule 1)	\$ Amount that has been paid by the applicant \$ Amount to be paid by local government (delegated applications only - regulation 22)	
Statutory Timeframe (regulation 12)	<input type="checkbox"/> 60 days (advertising not required) <input type="checkbox"/> 90 days (advertising required or other scheme provision)	
LG Reference Number		
Name of planning officer (Report Writer)		
Position/Title		
Contact Details	Email	Phone
Planning Officer's Signature		Date

Please refer to the [Guidance Note: Lodging a DAP Application](#) for further information.

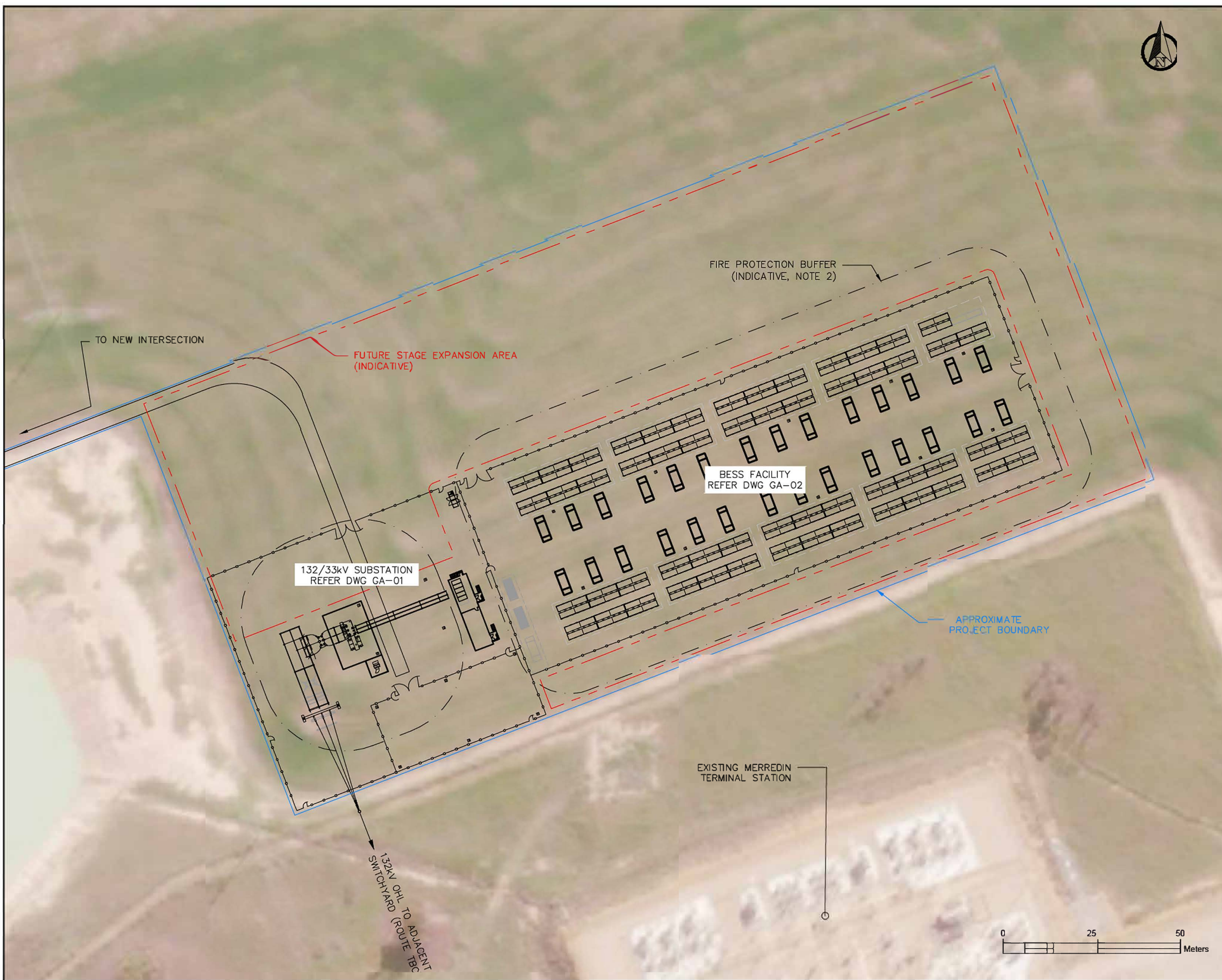


appendix b

# Site Plans & Elevations



- NOTES:
1. CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.
  2. PLANT & EQUIPMENT DIMENSIONS INDICATIVE, PROJECT AREA MAY EXPAND. SETBACKS AND OVERALL FOOTPRINT TO BE ADJUSTED WITHIN PROJECT BOUNDARY FOLLOWING DETAILED FIRE STUDY.
  3. CAR PARKING, EARTHWORKS, INTERSECTION UPGRADES, DRAINAGE, EARTHING, PITS, CULVERTS, SPARE PARTS STORAGE AND TEMP CONSTRUCTION COMPOUND NOT SHOWN.
  4. FIRE WATER ASSUMED CO-LOCATED WITH EXISTING SOLAR FARM.



A	FIRST DRAWN (CONCEPT)	ABC	19.10.23
REV:	DESCRIPTION:	BY:	DATE:
STATUS: NOT FOR CONSTRUCTION			

	NOMAD ENERGY
--	--------------

PROJECT:	MERREDIN BESS		
TITLE:	OVERALL PROJECT GENERAL ARRANGEMENT PLAN		
SCALE AT A3:	DRAWN:	CHECKED:	APPROVED:
1:1000	ABC	-	-
PROJECT NO:	DRAWING NO:	REVISION:	
NMD01	MBB-GA-00	A	



NOTES:

1. CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.
2. PLANT & EQUIPMENT DIMENSIONS INDICATIVE, PROJECT AREA MAY EXPAND. 'ASSET PROTECTION ZONE' SETBACKS TO BE ADJUSTED FOLLOWING DETAILED FIRE STUDY.
3. ASSUMES BESS TRANSFORMERS SELF-BUNDED.
4. LIGHT/LIGHTNING POLE PLACEMENT AND QUANTITY SUBJECT TO CHANGE AFTER LIGHTING/LIGHTNING STUDY.
5. CAR PARKING, EARTHWORKS, TRACKS/INTERSECTION UPGRADES, DRAINAGE, EARTHING, PITS, CULVERTS, SPARE PARTS STORAGE AND TEMP CONSTRUCTION COMPOUND NOT SHOWN.

132/33kV SUBSTATION REFER DWG GA-01

BESS APZ (INDICATIVE, NOTE 2)

TESLA MEGAPACKS

SPARE

TRANSFORMERS


INDICATIVE. SPARE PARTS

58.2 (APPROX. UP TO 125)

APPROXIMATE PROJECT BOUNDARY

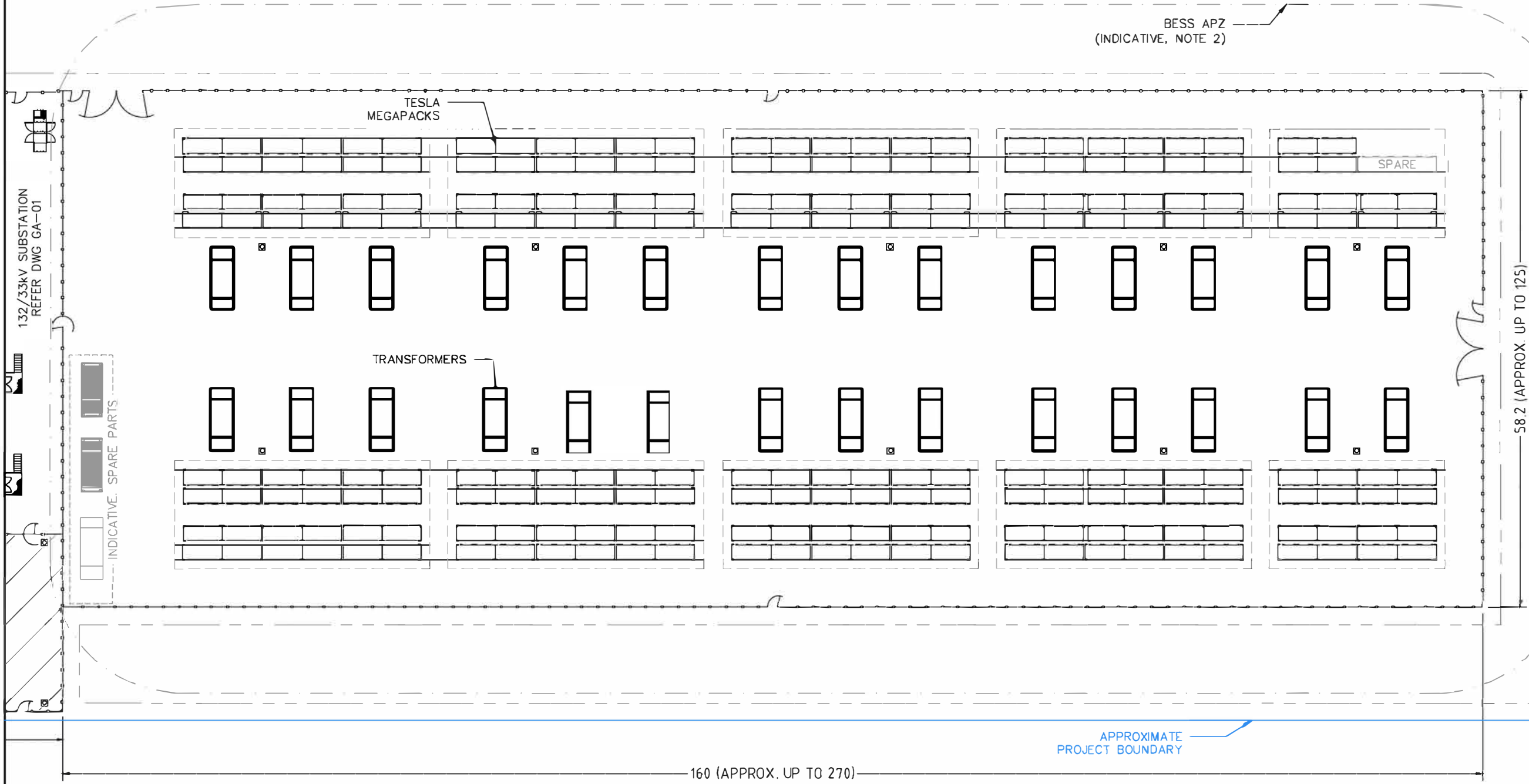
160 (APPROX. UP TO 270)

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STATUS: NOT FOR CONSTRUCTION			

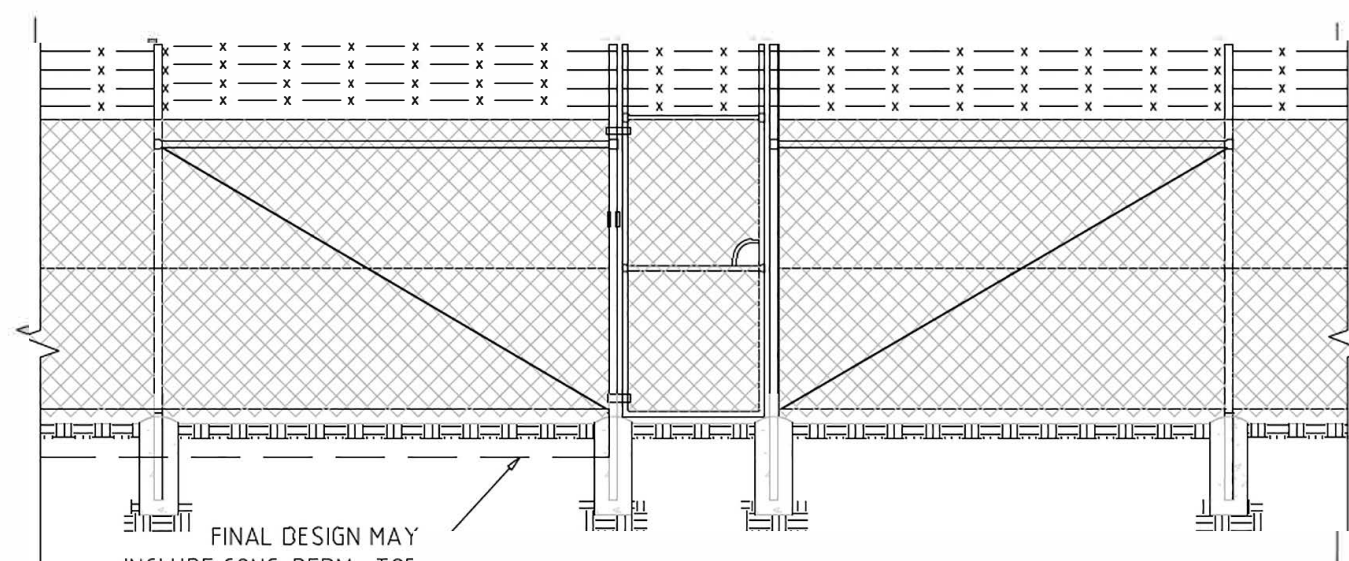
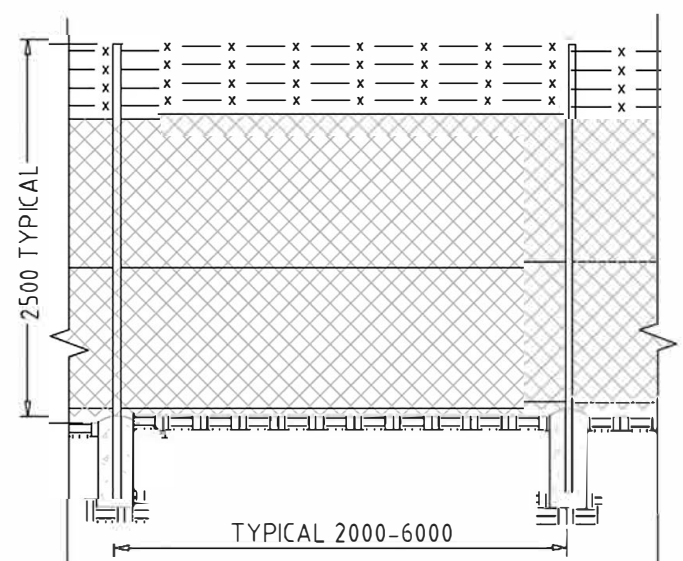
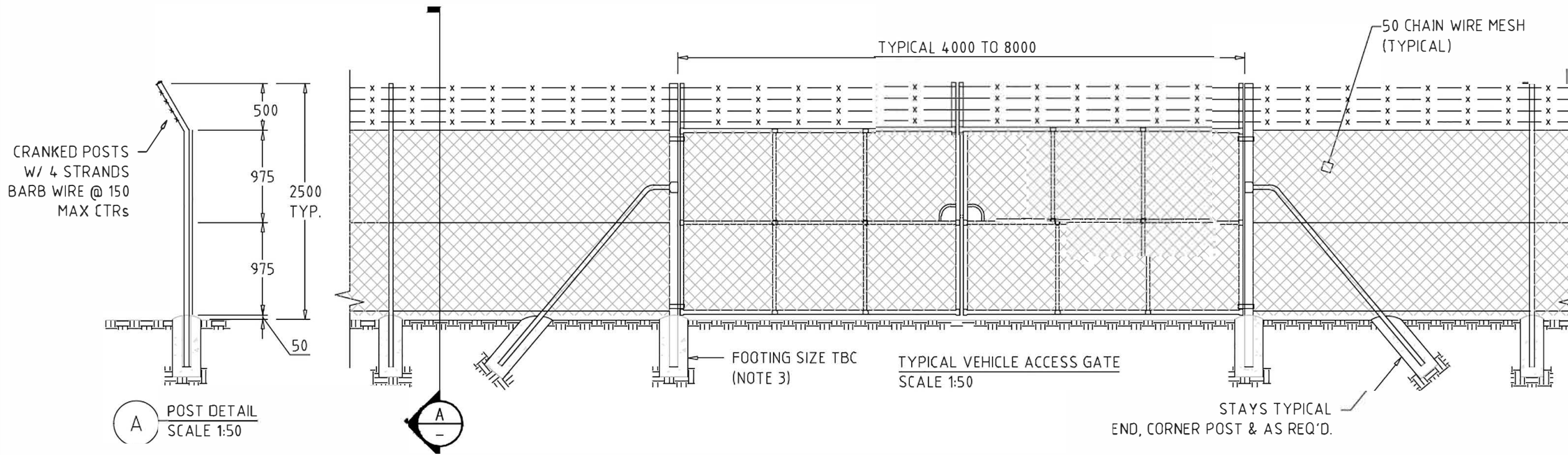
 **BRIGHT ENERGY**

**NOMAD ENERGY**

PROJECT: MERREDIN BESS			
TITLE: BATTERY ENERGY STORAGE SYSTEM GENERAL ARRANGEMENT PLAN			
SCALE AT A3: 1:500	DRAWN: ABC	CHECKED: -	APPROVED: -
PROJECT NO: NMD01	DRAWING NO: MBB-GA-02	REVISION: A	








- NOTES:
1. CONCEPT ONLY, FOR DEVELOPMENT APPROVAL PURPOSES, NOT FOR CONSTRUCTION.
  2. SUBJECT TO AMENDMENT DURING DETAILED DESIGN AND FOLLOWING SELECTION OF EPC CONTRACTOR.
  3. FOUNDATION DESIGN TO BE COMPLETED FOLLOWING COMPLETION OF GEOTECHNICAL TESTING.
  4. ALL FENCING COMPLIANT WITH AS2067.
  5. CONCRETE KERBING MAY BE USED, NOT SHOWN.
  6. ALL GATES TO SWING INWARDS.

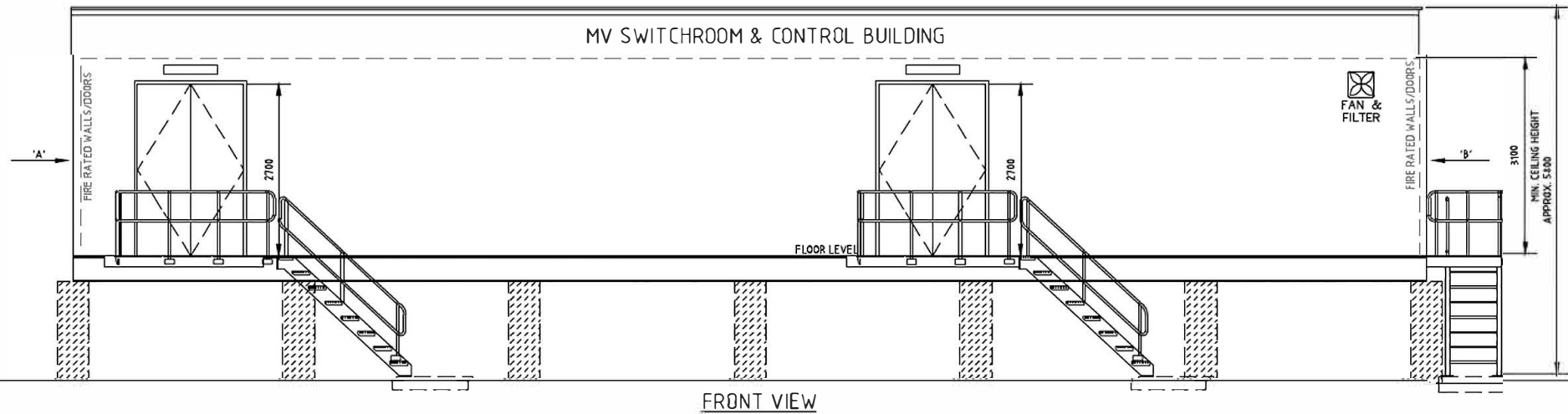
A	FIRST DRAWN	ABC	11.10.2023
REV:	DESCRIPTION:	BY:	DATE:
STATUS: NOT FOR CONSTRUCTION			

NOMAD ENERGY

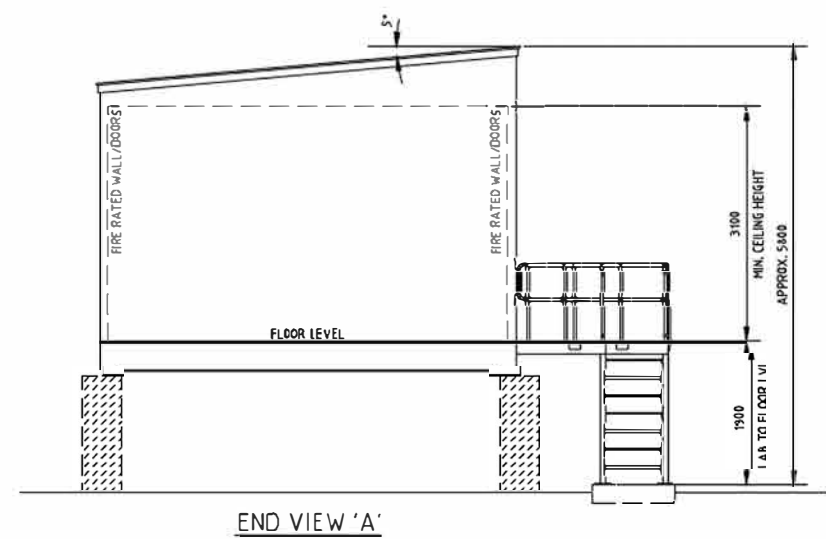


L2, 384 Hunter St, Newcastle, NSW  
www.brightly.energy

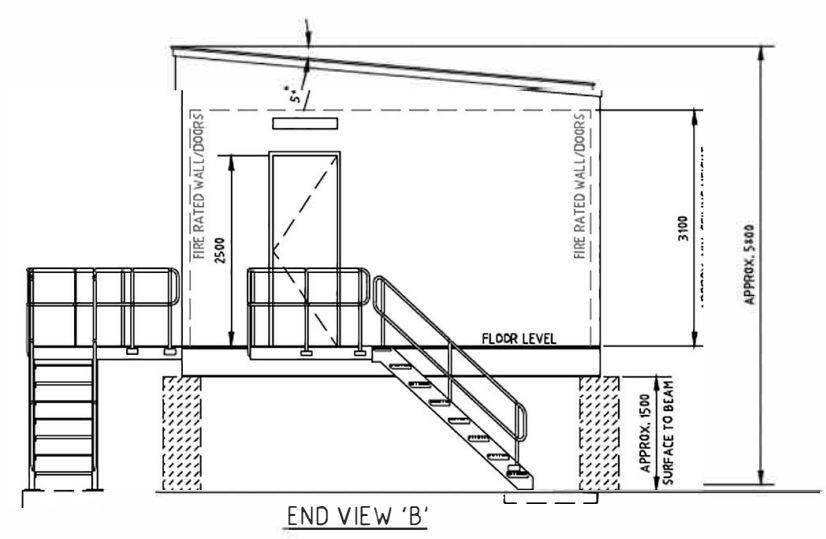
PROJECT: MERREDIN BESS			
TITLE: EXTERIOR FENCE AND GATES TYPICAL ELEVATION			
SCALE AT A3: 1:50	DATE: 11.10.2023	DRAWN: ABC	CHECKED: -
PROJECT NO: NMD01	DRAWING NO: MBB-EL-231011	REVISION: A	



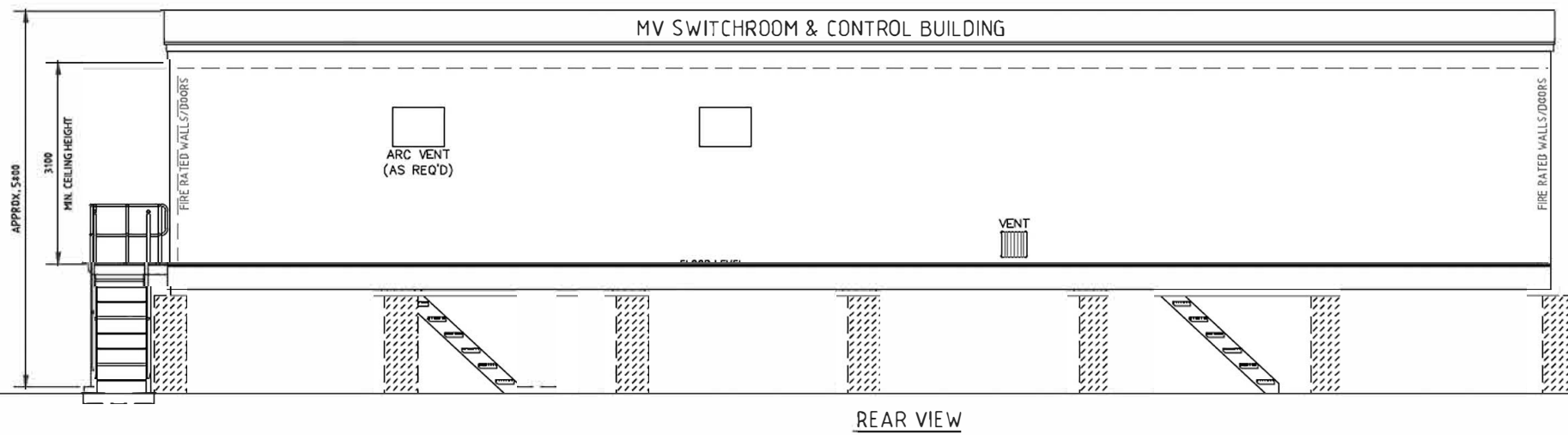
FRONT VIEW



END VIEW 'A'



END VIEW 'B'



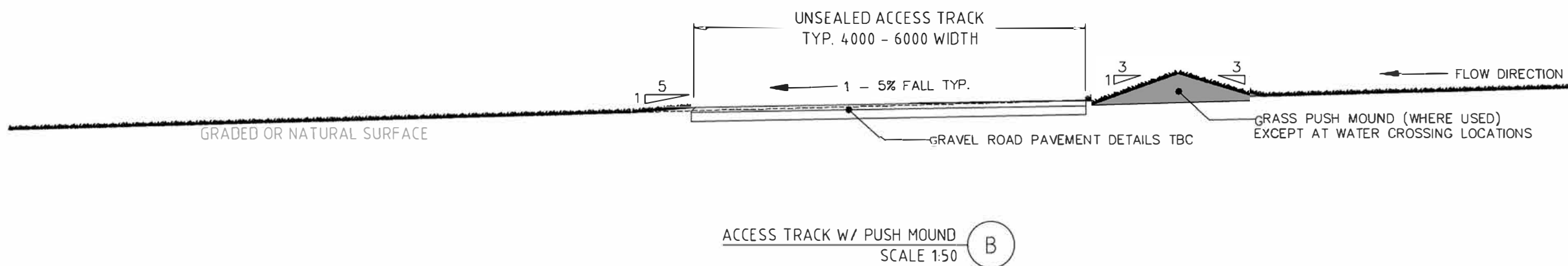
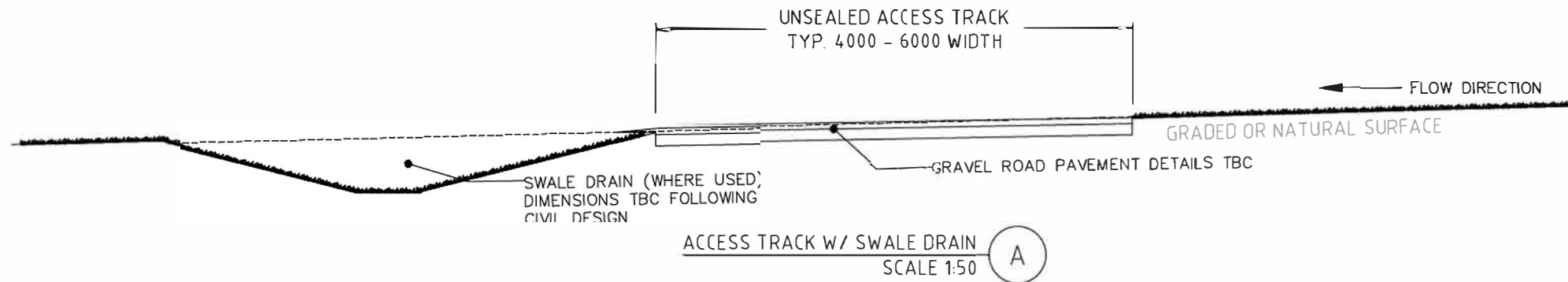
REAR VIEW

- NOTES:
1. CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.
  2. HVAC AND FIRE PROTECTION PLANT NOT SHOWN.
  3. MAY BE ON ELEVATED FOUNDATIONS AND/OR DELIVERED IN MULTIPLE SECTIONS.
  4. EXACT DIMENSIONS DEPEND ON FINAL EQUIPMENT SELECTION TO BE COMPLETED DURING DETAILED DESIGN.
  5. TO BE LOCATED WITHIN SWITCHYARD AND SUBSTATION FACILITIES.
  6. FOUNDATIONS INDICATIVE ONLY, TO BE SPECIFIED AFTER SITE INVESTIGATIONS DURING DETAILED DESIGN.
  7. QUANTITY OF DOORS AND ARRANGEMENT SUBJECT TO CHANGE.

A	FIRST DRAWN	ABC	17.10.2023
REV:	DESCRIPTION:	BY:	DATE:
STATUS: NOT FOR CONSTRUCTION			

NOMAD ENERGY  BRIGHTY ENERGY  
WWW.BRIGHTY.ENERGY

PROJECT: MERREDIN BESS			
TITLE: SWITCHROOM/CONTROL BUILDING CONCEPT ELEVATION			
SCALE AT A3:	DATE:	DRAWN:	CHECKED:
1:100	17.10.2023	ABC	-
PROJECT NO:	DRAWING NO:	REVISION:	
NMD01	MBB-EL-231012	A	



NOTES:

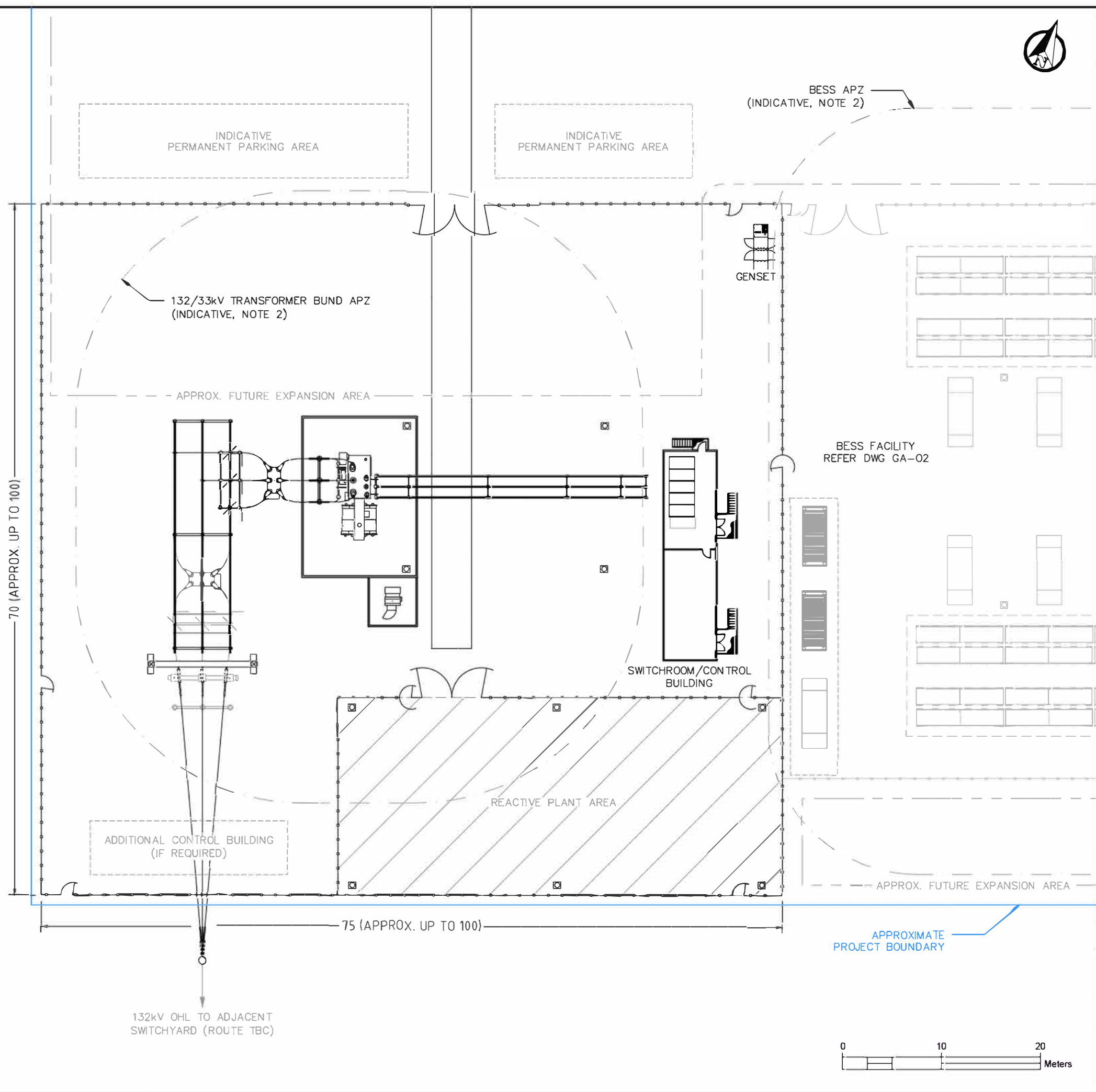
1. CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.
2. PAVEMENT THICKNESS, COMPACTION AND COMPOSITION TO GEOTECHNICAL ENGINEER SPECIFICATION.
3. DRAINAGE DETAILS TO VARY SUBJECT TO CIVIL AND ENVIRONMENTAL DESIGN.
4. SEDIMENT AND EROSION CONTROLS NOT SHOWN.
5. TURNING RADII, WIDTH LOADING CAPACITY TO COMPLY WITH TRANSPORT AND CRANE REQUIREMENTS FOR SWITCHROOM, TRANSFORMER AND TESLA MEGAPACK DELIVERIES. REFER TO TESLA DOCUMENTATION.
6. DIRECTION AND EXTENT OF CROSSFALL TO SUIT NATURAL SURFACE.
7. SWALE DISCHARGE DETAILS NOT SHOWN.

A	FIRST DRAWN (CONCEPT)	ABC	19.10.23
REV:	DESCRIPTION:	BY:	DATE:
STATUS: NOT FOR CONSTRUCTION			

**BRIGHTY ENERGY**


NOMAD ENERGY

PROJECT: MERREDIN BESS			
TITLE: TYPICAL ACCESS TRACK CROSS SECTION DETAILS			
SCALE AT A3: AS MARKED	DRAWN: ABC	CHECKED: -	APPROVED: -
PROJECT NO: NMD01	DRAWING NO: MBB-EL-231019	REVISION: A	



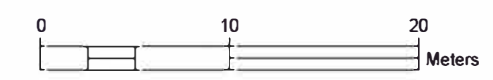
- NOTES:**
1. CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.
  2. PLANT & EQUIPMENT DIMENSIONS INDICATIVE, PROJECT AREA MAY EXPAND. SETBACKS TO BE ADJUSTED FOLLOWING DETAILED FIRE STUDY.
  3. TRANSFORMER BUND AND OIL/WATER SEPARATION REQUIREMENTS SUBJECT TO CHANGE AFTER AS1940/AS2067 STUDY. BELOW GROUND OR ABOVE GROUND OIL/WATER SEPARATION UNIT MAY BE USED.
  4. BUS HEIGHT DESIGN TO ALLOW SECTION SAFETY CLEARANCE FOR INSTALLATION OF FUTURE EQUIPMENT SHOWN IN GREY.
  5. LIGHT/LIGHTNING POLE PLACEMENT AND QUANTITY SUBJECT TO CHANGE AFTER LIGHTING/LIGHTNING STUDY.
  6. AERIAL 33kV BUS FROM TX TO SWITCHROOM MAY BE REPLACED WITH CABLES.
  7. SEPARATE WESTERN POWER PROTECTION/COMMS BUILDING OR O&M BUILDING IF REQUIRED. OTHERWISE COMBINED WITH MV SWITCHROOM/CONTROL BUILDING.
  8. CAR PARKING, EARTHWORKS, INTERSECTION UPGRADES, DRAINAGE, EARTHING, PITS, CULVERTS, SPARE PARTS STORAGE AND TEMP CONSTRUCTION COMPOUND NOT SHOWN.

A	FIRST DRAWN (CONCEPT)	ABC	19.10.23
REV:	DESCRIPTION:	BY:	DATE:
STATUS: <b>NOT FOR CONSTRUCTION</b>			

 **BRIGHT ENERGY**

**NOMAD ENERGY**

PROJECT: <b>MERREDIN BESS</b>			
TITLE: <b>132/33kV SUBSTATION GENERAL ARRANGEMENT PLAN</b>			
SCALE AT A3: 1:400	DRAWN: ABC	CHECKED: -	APPROVED: -
PROJECT NO: <b>NMD01</b>	DRAWING NO: <b>MBB-GA-01</b>	REVISION: <b>A</b>	



132kV OHL TO ADJACENT SWITCHYARD (ROUTE TBC)

appendix c

# Bushfire Management Plan

# Bushfire Management Plan Coversheet

This Coversheet and accompanying Bushfire Management Plan has been prepared and issued by a person accredited by Fire Protection Association Australia under the Bushfire Planning and Design (BPAD) Accreditation Scheme.

## Bushfire Management Plan and Site Details

Site Address / Plan Reference: Lot 5 Robartson Road			
Suburb: Merredin	State: WA	P/code: 6415	
Local government area: Shire of Merredin			
Description of the planning proposal: Development Application			
BMP Plan / Reference Number: 169042	Version: v1.0	Date of Issue: 15/12/2023	
Client / Business Name: Land Insights			

Reason for referral to DFES	Yes	No
Has the BAL been calculated by a method other than method 1 as outlined in AS3959 (tick no if AS3959 method 1 has been used to calculate the BAL)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have any of the bushfire protection criteria elements been addressed through the use of a performance principle (tick no if only acceptable solutions have been used to address all of the BPC elements)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Is the proposal any of the following special development types (see SPP 3.7 for definitions)?</b>		
Unavoidable development (in BAL-40 or BAL-FZ)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Strategic planning proposal (including rezoning applications)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Minor development (in BAL-40 or BAL-FZ)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
High risk land-use	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vulnerable land-use	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If the development is a special development type as listed above, explain why the proposal is considered to be one of the above listed classifications (E.g. considered vulnerable land-use as the development is for accommodation of the elderly, etc.)?

The land is considered High-Risk as it will use and store combustible materials and/or flammable hazardous materials onsite that may be exposed and vulnerable to ignition from the direct attack mechanisms of bushfire.

**Note: The decision maker (e.g. local government or the WAPC) should only refer the proposal to DFES for comment if one (or more) of the above answers are ticked "Yes".**

## BPAD Accredited Practitioner Details and Declaration

Name Kathy Nastov	Accreditation Level Level 3	Accreditation No. BPAD 27794	Accreditation Expiry 01/08/2024
Company Bushfire Prone Planning		Contact No. 6477 1144	

I declare that the information provided within this bushfire management plan is to the best of my knowledge true and correct

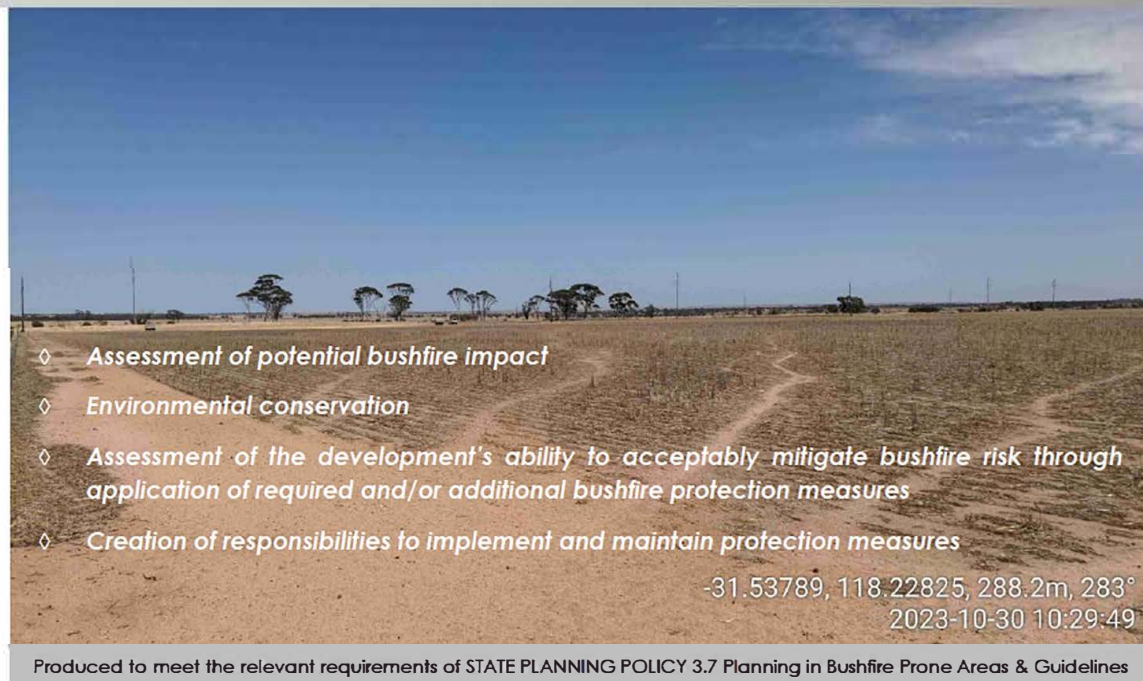
Signature of Practitioner

Date 15/12/2023



Merredin Battery Project

# Bushfire Management Plan (BMP)



Lot 5 Robartson Road, Merredin

Shire of Merredin

Development Application - High Risk Land  
Use

14 December 2023

Job Reference No: 169042

**BPP GROUP PTY LTD T/A BUSHFIRE PRONE PLANNING**

ACN: 39 166 551 784 | ABN: 39 166 551 784

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**VERSION HISTORY**

Version	Status/Details	Date
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-	-	

BMP (Master) Template v9.16

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Destination		Version	No. Copies	Hard Copy	Electronic Copy
Person	Email				
Rebekah Hampson	<a href="mailto:rebekah@landinsights.com.au">rebekah@landinsights.com.au</a>	1.0		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		-		<input type="checkbox"/>	<input type="checkbox"/>

**Limitations:** The protection measures that will be implemented based on information presented in this Bushfire Management Plan are minimum requirements and they do not guarantee that buildings or infrastructure will not be damaged in a bushfire, persons injured, or fatalities occur either on the subject site or off the site while evacuating.

This is substantially due to the unpredictable nature and behaviour of fire and fire weather conditions. Additionally, the correct implementation of the required protection measures (including bushfire resistant construction) and any other required or recommended measures, will depend upon, among other things, the ongoing actions of the landowners and/or operators over which Bushfire Prone Planning has no control.

All surveys, forecasts, projections and recommendations made in this report associated with the proposed development are made in good faith based on information available to Bushfire Prone Planning at the time. All maps included herein are indicative in nature and are not to be used for accurate calculations.

Notwithstanding anything contained therein, Bushfire Prone Planning will not, except as the law may require, be liable for any loss or other consequences whether or not due to the negligence of their consultants, their servants or agents, arising out of the services provided by their consultants.

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## SUMMARY STATEMENTS

### THIS DOCUMENT – STATEMENT OF PURPOSE

#### The Bushfire Management Plan (BMP)

The BMP sets out the required package of bushfire protection measures to lessen the risks associated with a bushfire event. It establishes the responsibilities to implement and maintain these measures.

The BMP also identifies the potential for any negative impact on any environmental, biodiversity and conservation values that may result from the application of bushfire protection measures or that may limit their implementation.

#### Risks Associated with Bushfire Events

The relevant risks are the potential for loss of life, injury, or destroyed or damaged assets which results in personal loss and economic loss. For a given site, the level of that risk to persons and assets (the exposed elements) is a function of the potential threat levels generated by the bushfire hazard, and the level of exposure and vulnerability of the at risk elements to the threats.

#### Bushfire Protection Measures

The required package of protection measures is established by *State Planning Policy 3.7 Planning in Bushfire Prone Areas (SPP 3.7)*, its associated *Guidelines* and any other relevant guidelines or position statements published by the Department of Planning, Lands and Heritage. These measures are limited to those considered by the WA planning authorities as necessary to be addressed for the purpose of land use planning. They do not encompass all available bushfire protection measures as many are not directly relevant to the planning approval stage. For example:

- Protection measures to reduce the vulnerability of buildings to bushfire threats is primarily dealt with at the building application stage. They are implemented through the process of applying the Building Code of Australia (Volumes 1 and 2 of the national Construction Code) in accordance with WA building legislation and the application of construction requirements based on a building's level of exposure - determined as a Bushfire Attack Level (BAL) rating); or
- Protection measures to reduce the threat levels of consequential fire (ignited by bushfire and involving combustible materials surrounding and within buildings) and measures to reduce the exposure and vulnerability of elements at risk exposed to consequential fire, are not specifically considered.

The package of required bushfire protection measures established by the Guidelines includes:

- The requirements of the bushfire protection criteria which consist of:
  - Element 1: Location (addresses threat levels).
  - Element 2: Siting and Design of Development (addresses exposure levels of buildings).
  - Element 3: Vehicular Access (addresses exposure and vulnerability levels of persons).
  - Element 4: Water (addresses vulnerability levels of buildings).
  - Element 5: Vulnerable Tourism Land Uses (addresses exposure and vulnerability as per Elements 1-4 but in use specific ways and with additional considerations of persons exposure and vulnerability).
- The requirement to develop Bushfire Emergency Plans / Information for 'vulnerable' land uses for persons to prepare, respond and recover from a bushfire event (this addresses vulnerability levels).
- The requirement to assess bushfire risk and incorporate relevant protection measures into the site emergency plans for 'high risk' land uses (this addresses threat, exposure and vulnerability levels).

#### Compliance of the Proposed Development or Use with SPP 3.7 Requirements

The BMP assesses the capacity of the proposed development or use to implement and maintain the required 'acceptable' solutions and any additionally recommended bushfire protection measures - or its capacity to satisfy the policy intent through the justified application of additional bushfire protection measures as supportable 'alternative' solutions.

THE PROPOSED DEVELOPMENT/USE – BUSHFIRE PLANNING COMPLIANCE SUMMARY		
<b>Environmental Considerations</b>		<b>Assessment Outcome</b>
Will land with identified environmental, biodiversity and conservation values limit the full application of the required bushfire protection measures?		No
Will land with identified environmental, biodiversity and conservation values need to be managed in the implementation and maintenance of the bushfire protection measures - but not limit their application?		No
<b>Required Bushfire Protection Measures</b> The Acceptable Solutions of the Bushfire Protection Criteria (Guidelines)		<b>Assessment Outcome</b>
Element	The Acceptable Solutions	
1: Location	A1.1 Development location	Fully Compliant
2: Siting and Design of Development	A2.1 Asset Protection Zone (APZ)	Fully Compliant
3: Vehicular Access	A3.1 Public roads	Fully Compliant
	A3.2a Multiple access routes	Fully Compliant
	A3.2b Emergency access way	N/A
	A3.3 Through-roads	N/A
	A3.4a Perimeter roads	N/A
	A3.4b Fire service access route	N/A
	A3.5 Battle-axe legs	N/A
4: Water	A3.6 Private driveways	Fully Compliant
	A4.1 Identification of future water supply	N/A
	A4.2 Provision of water for firefighting purposes	Fully Compliant
<b>The Methodology Applied to the Development of an Alternative Solution</b> The necessity for an alternative solution is in response to non-compliance with the applicable acceptable solutions.		<b>Applied</b>
Development of a Bushfire Risk Assessment and Management Report - an assessment of proposed development/use risk levels associated with a bushfire event to indicate or determine the residual risk levels that will apply to all elements exposed to a bushfire hazard.		Yes
Summary Statement: The Bushfire Risk Report has been developed concurrently with this BMP.		
<b>Other 'Bushfire Planning' Documents to Be Produced</b> This necessity for additional documents is determined by the proposed development/use type and the requirements established by SPP 3.7 and the associated Guidelines (as amended). They may be produced concurrently or subsequent to the BMP. Relevant actions will be identified within Section 6 'Responsibilities for Implementation of Bushfire Protection Measures.		<b>Required</b>

<b>Bushfire Risk Assessment and Management Report:</b>	Yes
<p>Summary Statement: The proposed development is considered a 'high-risk' land use as defined by SPP 3.7 and its associated Guidelines.</p> <p>This triggers the requirement, through the development of a Risk Assessment and Management Report to:</p> <ul style="list-style-type: none"> <li>• Identify the level of exposure and vulnerability of any onsite stored materials and liquids to bushfire attack mechanisms (threats);</li> <li>• Identify any potential source of ignition threat the use may present to adjoining and/or adjacent bushfire prone vegetation; and</li> <li>• Recommend protection measures that can be incorporated into the site operations emergency plan as necessary.</li> </ul> <p>The requirement for this report to be developed and any variation to content, can be decided by the planning approval decision maker (e.g., the local government). Otherwise, SPP 3.7 states it 'should' be produced.</p>	

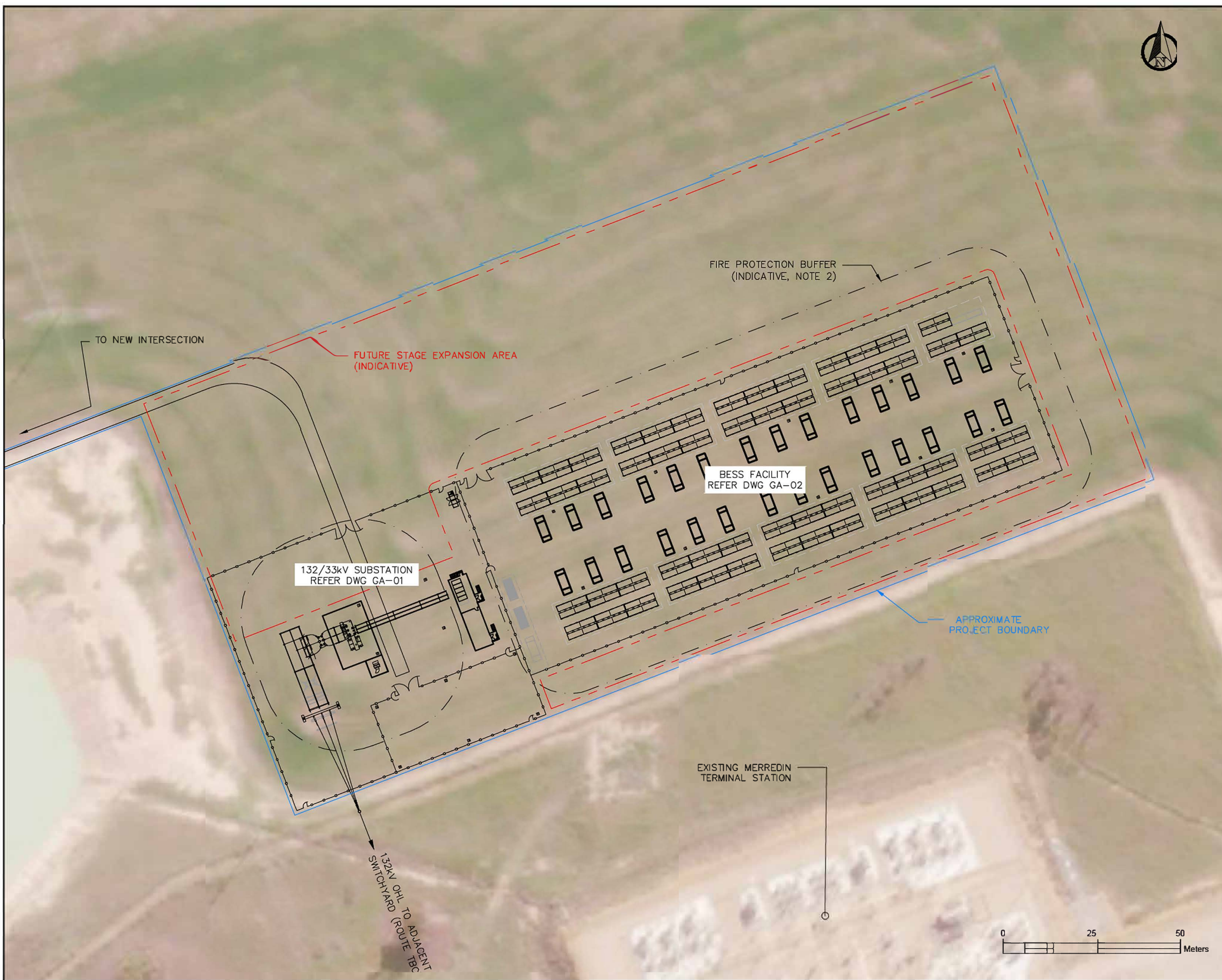
## 1 PROPOSAL DETAILS AND THE BUSHFIRE MANAGEMENT PLAN

### 1.1 The Proposed Development/Use Details, Plans and Maps

<b>The Proposal's Planning Stage</b> For which certain bushfire planning documents are required to accompany the planning application.		Development Application
<b>The Subject Land/Site</b>		Part of Lot 5, Robartson Road, Merredin in the Shire of Merredin
<b>Total Area of Subject Lot/Site</b>		Lot 5: 61.5116 hectares
<b>Primary Proposed Construction</b>	<b>Type(s)</b>	Electricity generation/infrastructure
	<b>NCC Classification</b>	N/A
<b>The 'Specific' Land Use Type for Bushfire Planning</b> When applicable, this classification establishes a requirement to conduct assessments and develop documents that are additional to this Bushfire Management Plan.		High Risk Land Use
<b>Factors Determining the 'Specific Bushfire Planning' Land Use Type</b>		The land use will store combustible materials and/or flammable hazardous materials onsite that may be exposed and vulnerable to ignition from the direct attack mechanisms of bushfire (flame contact, radiant heat and embers). Business operations/activities may include those that are a potential source of ignition for onsite or offsite combustible/flammable materials, including bushfire prone vegetation.
<b>Description of the Proposed Development/Use</b>		
Development of a 'BESS' (Battery Energy Storage System) and Substation adjacent to Merredin's existing Solar Farm and Power Station. The battery development area will occupy approximately 7150m <sup>2</sup> within Lot 5.		



- NOTES:
1. CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.
  2. PLANT & EQUIPMENT DIMENSIONS INDICATIVE, PROJECT AREA MAY EXPAND. SETBACKS AND OVERALL FOOTPRINT TO BE ADJUSTED WITHIN PROJECT BOUNDARY FOLLOWING DETAILED FIRE STUDY.
  3. CAR PARKING, EARTHWORKS, INTERSECTION UPGRADES, DRAINAGE, EARTHING, PITS, CULVERTS, SPARE PARTS STORAGE AND TEMP CONSTRUCTION COMPOUND NOT SHOWN.
  4. FIRE WATER ASSUMED CO-LOCATED WITH EXISTING SOLAR FARM.



A	FIRST DRAWN (CONCEPT)	ABC	19.10.23
REV:	DESCRIPTION:	BY:	DATE:
STATUS: NOT FOR CONSTRUCTION			

BRIGHT ENERGY	NOMAD ENERGY
---------------	--------------

PROJECT: MERREDIN BESS			
TITLE: OVERALL PROJECT GENERAL ARRANGEMENT PLAN			
SCALE AT A3: 1:1000	DRAWN: ABC	CHECKED: -	APPROVED: -
PROJECT NO: NMD01	DRAWING NO: MBB-GA-00	REVISION: A	




Figure 1.2

### Proposed Development

Lot 5 on Plan D067824, Area : 61.5116ha  
Robertson Road  
MERREDIN  
SHIRE OF MERREDIN

----- LEGEND -----

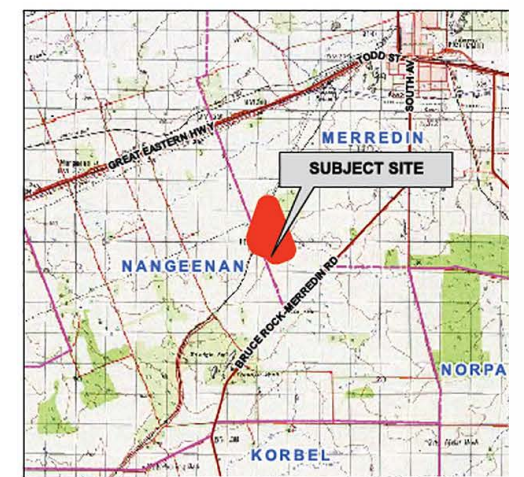
**Development**

-  Battery Development Extent
-  Subject Lot (Lot 5)
-  Proposed Infrastructure



Metres

----- LOCALITY -----



AERIAL IMAGERY: Landgate/SLIP



Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metre  
 Map by: Elissa Edward 01-11-202  
 SCALE (A3): 1 : 174



Figure 1.3  
**Location Map**

Lot 5 on Plan D067824, Area : 61.5116ha  
 Robartson Road  
 MERREDIN  
 SHIRE OF MERREDIN

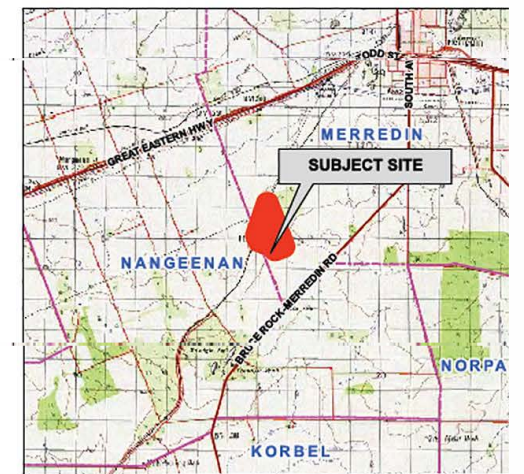
----- LEGEND -----

- Lot 5
  - Battery Development Extent
  - Reserves
- DFES Stations**
- Bush Fire Brigade
  - State Emergency Service Unit
  - Volunteer Fire & Rescue Service
- DBCAs Legislated Lands and Waters**
- Conservation Park
  - Nature Reserve



Kilometres

----- LOCALITY -----



AERIAL IMAGERY: Landgate/SLIP



Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metr  
 Map by: Elissa Edward 25-10-202  
 SCALE (A3): 1 : 7500



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#### WHERE SPP 3.7 AND THE GUIDELINES ARE TO APPLY – DESIGNATED BUSHFIRE PRONE AREAS

All higher order strategic planning documents, strategic planning proposals, subdivisions and development applications located in designated bushfire prone areas need to address SPP 3.7 and its supporting Guidelines. This also applies where an area is not yet designated as bushfire prone but is proposed to be developed in a way that introduces a bushfire hazard.






For development applications where only part of a lot is designated as bushfire prone and the proposed development footprint is wholly outside of the designated area, the development application will not need to address SPP 3.7 or the Guidelines. (Guidelines DPLH 2021 v1.4, s1.2).

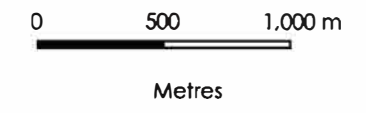
For subdivision applications, if all the proposed lots have a BAL-LOW indicated, a BMP is not required. (Guidelines DPLH 2021 v1.4, s5.3.1).

Figure 1.4  
**Bushfire Prone Area**

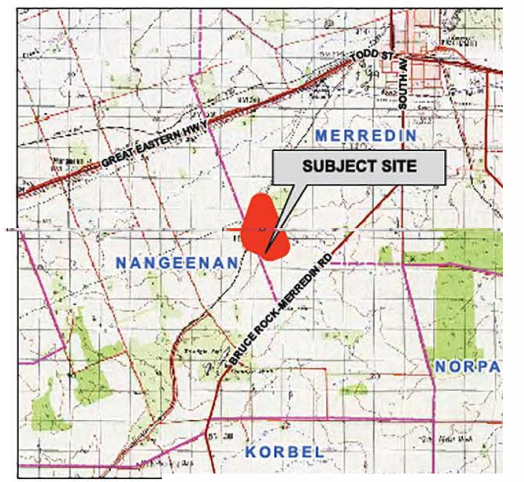
Lot 5 on Plan D067824, Area : 61.5116ha  
 Robertson Road  
 MERREDIN  
 SHIRE OF MERREDIN

----- LEGEND -----

-  Lot 5
  -  Battery Development Extent
  -  Bushfire Prone Area (2021)
- DFES Stations**
-  State Emergency Service Unit
  -  Volunteer Fire & Rescue Service

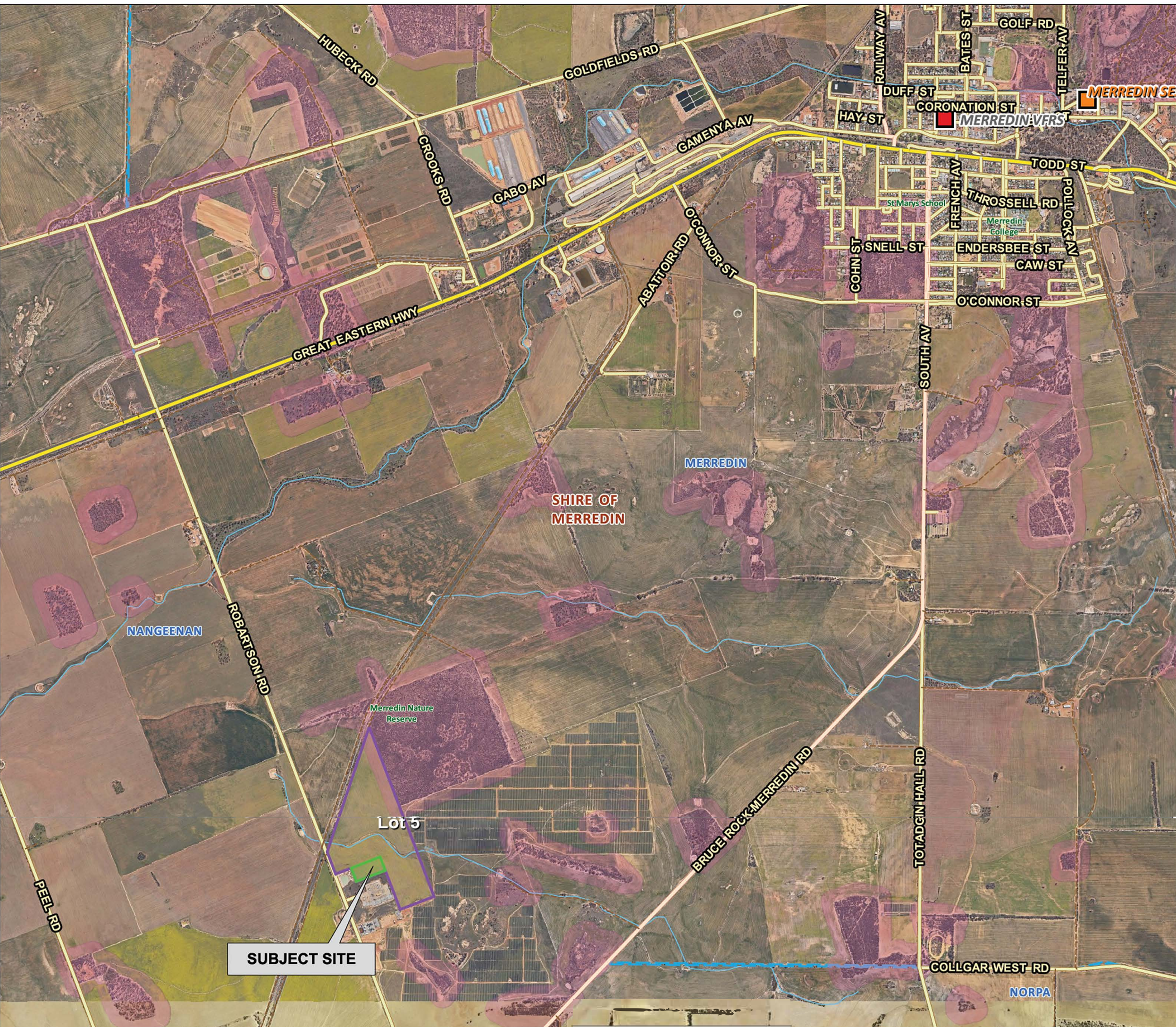


----- LOCALITY -----



AERIAL IMAGERY: Landgate/SLIP

Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metre  
 Map by: Elissa Edward 25-10-202  
 SCALE (A3): 1 : 3000



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## 1.2 The Bushfire Management Plan (BMP)

### 1.2.1 Commissioning and Purpose

Landowner / proponent:	Land Insights
Bushfire Prone Planning commissioned to produce the BMP by:	Rebekah Hampson of Land Insights
Purpose of the BMP:	To assess the proposal's ability to meet all relevant requirements established by State Planning Policy 3.7: Planning in Bushfire Prone Areas (SPP 3.7), the associated 'Guidelines and any relevant Position Statements; and  To satisfy the requirement for the provision of a Bushfire Management Plan to accompany the development application.
BMP to be submitted to:	WA Planning Commission (WAPC) and Shire of Merredin

### 1.2.1 Other Documents with Implications for Development of this BMP

This section identifies any known assessments, reports or plans that have been conducted and prepared previously, or are being prepared concurrently, and are relevant to the planned proposal for the subject. They potentially have implications for the assessment of bushfire threats and the identification and implementation of the protection measures that are established by this Bushfire Management Plan.

Table 1.4: Other relevant documents that may influence threat assessments and development of protection measures.

RELEVANT DOCUMENTS					
Document	Relevant	Currently Exists	To Be Developed	Copy Provided by Proponent / Developer	Title
Structure Plan	No	No	No	N/A	-
Bushfire Management Plan	Yes	Yes	N/A	N/A	<i>This document</i>
Bushfire Emergency Plan or Information	No	No	No	N/A	-
Bushfire Risk Assessment and Management Report	Yes	Yes	N/A	N/A	<i>169042 – Merredin Battery Facility (BRR) v1.0, Bushfire Prone Planning, December 2023</i>
Implications for the BMP: Developed concurrently with this BMP.					
Environmental Asset or Vegetation Survey	No	No	No	N/A	-
Landscaping and Revegetation Plan	No	No	No	N/A	-
Land Management Agreement	No	No	No	N/A	-

## 2 BUSHFIRE PRONE VEGETATION – ENVIRONMENTAL & ASSESSMENT CONSIDERATIONS

### 2.1 Environmental Considerations – ‘Desktop’ Assessment

*This ‘desktop’ assessment must not be considered as a replacement for a full Environmental Impact Assessment. It is a summary of potential environmental values at the subject site, inferred from information contained in listed datasets and/or reports, which are only current to the date of last modification.*

*These data sources must be considered indicative where the subject site has not previously received a site-specific environmental assessment by an appropriate professional.*

Many bushfire prone areas also have high biodiversity values. Consideration of environmental priorities within the boundaries of the land being developed can avoid excessive or unnecessary modification or clearing of vegetation. Approval processes (and exemptions) apply at both Commonwealth and State levels.

Any ‘modification’ or ‘clearing’ of vegetation to reduce bushfire risk is considered ‘clearing’ under the **Environmental Protection Act 1986** (EP Act) and requires a clearing permit under the **Environmental Protection (Clearing of Native Vegetation) Regulations 2004** (Clearing Regulations) – unless for an exempt purpose.

Clearing native vegetation is an offence, unless done under a clearing permit or the clearing is for an exempt purpose. Exemptions are contained in the EP Act or are prescribed in the Clearing Regulations (note: these do not apply in environmentally sensitive areas).

The **Department of Water and Environmental Regulation** (DWER) is responsible for issuing ‘clearing’ permits and the framework for the regulation of clearing. Approvals under other legislation, from other agencies, may also be required, dependent on the type of flora or fauna present.

**Local Planning Policy or Local Biodiversity Strategy:** Natural areas that are not protected by the above Act and Regulation (or any other National or State Acts) may be protected by a local planning policy or local biodiversity strategy. Permission from the local government will be required for any modification or removal of native vegetation in these Local Natural Areas (LNA’s). Refer to the relevant local government for detail.

For further Information refer to Guidelines v1.4, the Bushfire and Vegetation Factsheet - WAPC, Dec 2021 and <https://www.der.wa.gov.au/our-work/clearing-permits>

## 2.1.1 Declared Environmentally Sensitive Areas (ESA)

IDENTIFICATION OF RELEVANT ENVIRONMENTALLY SENSITIVE AREAS							
ESA Class	Relevant to Proposal	Influence on Bushfire Threat Levels and / or Application of Bushfire Protection Measures	Relevant Dataset	Information Source(s) Applied to Identification of Relevant Vegetation			Further Action Required
				Dataset	Landowner or Developer	Environmental Asset or Vegetation Survey	
Wetlands and their 50m Buffer (Ramsar, conservation category and nationally important)	No	No	DBCA-010 and 011, 019, 040, 043, 044	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Bush Forever	No	No	DPLH-022, SPP 2.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Threatened and Priority Flora + 50m Continuous Buffer	Unknown	Unknown	DBCA-036	Restricted Scale of Data Available (security)	<input type="checkbox"/>	<input type="checkbox"/>	Data not available - confirm with relevant agency
Threatened Ecological Community	Unknown	Unknown	DBCA-038		<input type="checkbox"/>	<input type="checkbox"/>	
Heritage Areas National / World	No	No	Relevant register or mapping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Environmental Protection (Western Swamp Tortoise) Policy 2002	No	No	DWER-062	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None

## 2.1.2 Other Protected Vegetation on Public Land

IDENTIFICATION OF PROTECTED VEGETATION ON PUBLIC LAND							
Land with Environmental, Biodiversity, Conservation and Social Values	Relevant to Proposal	Influence on Bushfire Threat Levels and / or Application of Bushfire Protection Measures	Relevant Dataset	Information Source(s) Applied to Identification of Relevant Vegetation			Further Action Required
				Dataset	Landowner or Developer	Environmental Asset or Vegetation Survey	
Legislated Lands (tenure includes national park/reserve, conservation park, crown reserve and state forest)	No	No	DBCA-011	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Conservation Covenants	Unknown	Unknown	DPIRD-023	Only Available to Govt.	<input type="checkbox"/>	<input type="checkbox"/>	Data not available - confirm with relevant agency
National World Heritage Areas	No	No	-	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None
Designated Public Open Space	No	No	-	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	None

## 2.1.3 Locally Significant Conservation Areas – Local Natural Areas (LNA)

IDENTIFICATION OF LOCALLY SIGNIFICANT CONSERVATION AREAS							
Land with Environmental, Biodiversity and Conservation Values	Relevant to Proposal	Influence on Bushfire Threat Levels and / or Application of Bushfire Protection Measures	Relevant Dataset	Information Source(s) Applied to Identification of Relevant Vegetation			Further Action Required
				Dataset	Landowner or Developer	Environmental Asset or Vegetation Survey	
Native Vegetation / Remnant Vegetation	No	No	Site assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Riparian Zones / Foreshore Areas	No	No		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None
Habitat Vegetation and Wildlife Corridors	No	No		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None

## 2.2 Bushfire Assessment Considerations

### 2.2.1 Planned Onsite Vegetation Landscaping

Identification of areas of the subject site planned to be landscaped, creating the potential for increased or decreased bushfire hazard for proposed development.

PLANNED LANDSCAPING	
Relevant to Proposal:	No

### 2.2.2 Planned / Potential Offsite Rehabilitation or Re-Vegetation

Identification of areas of land adjacent to the subject site on which re-vegetation (as distinct from natural re-generation) will or may occur and is likely to present a greater bushfire hazard for proposed development.

POTENTIAL RE-VEGETATION PROGRAMS		
Land with Environmental, Biodiversity, Conservation and Social Values	Relevant to Proposal	Description
Riparian Zones / Foreshore Areas	No	No planned re-vegetation within or surrounding project development area.
Wetland Buffers	No	
Legislated Lands	No	
Public Open Space	No	
Road Verges	No	
Other	No	

### 2.2.3 Identified Requirement to Manage, Modify or Remove Onsite or Offsite Vegetation

Identification of native vegetation subject to management, modification or removal.

REQUIREMENT TO MANAGE, MODIFY OR REMOVE NATIVE VEGETATION	
Has a requirement been identified to manage, modify or remove <b>onsite</b> native vegetation to establish the required bushfire protection measures on the subject site?	No
Is approval, from relevant state government agencies and/or the local government, to modify or remove <b>onsite</b> native vegetation required? (Note: if 'Yes' evidence of its existence should be provided in this BMP).	N/A
Has a requirement been identified to manage, modify or remove <b>offsite</b> native vegetation to establish the required bushfire protection measures on the subject site?	No
Is written approval required, from relevant state government agencies and/or the local government, that permits the landowner, or another identified party, to modify or remove <b>offsite</b> bushfire prone vegetation and/or conduct other works, to establish an identified bushfire protection measure(s)? If 'Yes', appropriate evidence of the approval or how it is to be established, shall be provided in this BMP as an addendum.	N/A



<p>Is a written management agreement required that states the obligation of the landowner, or another responsible party, to manage defined areas of <b>offsite</b> bushfire prone vegetation, in perpetuity, to ensure the conditions of no fire fuels and/or low threat vegetation and/or vegetation managed in a minimal fuel condition, continue to be met?</p> <p>If 'Yes', appropriate evidence of the agreement or how it is to be established, shall be provided in this BMP as an addendum.</p>	N/A
---	-----

## 2.2.4 Variations to Assessed Areas of Classified Vegetation to be Applied

<b>FOR THE PROPOSED DEVELOPMENT SITUATIONS TO BE ACCOUNTED FOR IN ASSESSING THE POTENTIAL BUSHFIRE IMPACT (BAL)</b>	
Area(s) of land will be subject to future vegetation rehabilitation or re-vegetation that will require a change to a higher threat classification of vegetation on that land to. (Note: this is not regeneration to the mature natural state which is accounted for in the 'existing state' assessment in accordance with AS 3959:2018).	No
Modification of existing area(s) of classified vegetation due to the implementation of the proposed development and/or prior to the site's occupancy or use. This modification will require a change to a lower threat classification (or exclusion from classification) for that area of vegetation.	Yes
Refer to Figure 3.1.1 'Post Development Classified Vegetation' and Appendix A1.2 for justification details supporting the change. The subject vegetation is not native vegetation, it is sown pasture/Grassland.	
Complete removal of existing area(s) of classified vegetation due to the implementation of the proposed development and/or prior to the site's occupancy or use. This modification will require an exclusion from classification for that area of vegetation.	No

### 3 BUSHFIRE ATTACK LEVEL (BAL) ASSESSMENT

#### BUSHFIRE ATTACK LEVELS (BAL) - UNDERSTANDING THE RESULTS

The potential transfer (flux/flow) of radiant heat from the bushfire to a receiving object is measured in kW/m<sup>2</sup>. The AS 3959:2018 BAL determination methodology establishes the ranges of radiant heat flux that correspond to each bushfire attack level. These are identified as BAL-LOW, BAL-12.5, BAL-19, BAL-29, BAL-40 and BAL-FZ.

The bushfire performance requirements for certain classes of buildings are established by the Building Code of Australia (Vol. 1 & 2 of the NCC). The BAL will establish the bushfire resistant construction requirements that are to apply in accordance with AS 3959:2018 - *Construction of buildings in bushfire prone areas* and the NASH Standard – *Steel framed construction in bushfire areas (NS 300 2021)*, whose solutions are deemed to satisfy the NCC bushfire performance requirements.

#### DETERMINED BAL RATINGS

A BAL Certificate can be issued for a determined BAL. A BAL can only be classed as 'determined' for an existing or future building/structure when:

1. It's final design and position on the lot are known and the stated separation distance from classified bushfire prone vegetation exists and can justifiably be expected to remain in perpetuity; or
2. It will always remain subject to the same BAL regardless of its design or position on the lot after accounting for any regulatory or enforceable building setbacks from lot boundaries as relevant and necessary (e.g., R-codes, restrictive covenants, defined building envelopes) or the retention of any existing classified vegetation either onsite or offsite.

If the BMP derives determined BAL(s), the BAL Certificate(s) required for submission with building applications can be provided, using the BMP as the assessment evidence.

#### INDICATIVE BAL RATINGS

A BAL Certificate cannot be issued for an indicative BAL. A BAL will be classed as 'indicative' for an existing or future building/structure when the required conditions to derive a determined BAL are not met.

This class of BAL rating indicates what BAL(s) could be achieved and the conditions that need to be met are stated.

Converting the indicative BAL into a determined BAL is conditional upon the currently unconfirmed variable(s) being confirmed by a subsequent assessment and evidential documentation. These variables will include the future building(s) location(s) being established (or changed) and/or classified vegetation being modified or removed to establish the necessary vegetation separation distance. This may also be dependent on receiving approval from the relevant authority for that modification/removal.

#### BAL RATING APPLICATION – PLANNING APPROVAL VERSUS BUILDING APPROVAL

1. **Planning Approval:** SPP.3.7 establishes that where BAL- LOW to BAL-29 will apply to relevant future construction (or existing structures for proposed uses), the proposed development may be considered for approval (dependent on the other requirements of the relevant policy measures being met). That is, BAL40 or BAL-FZ are not acceptable on planning grounds (except for certain limited exceptions).

Because planning is looking forward at what can be achieved, as well as looking at what may currently exist, both determined and indicative BAL ratings are acceptable assessment outcomes on which planning decisions can be made (including conditional approvals).

2. **Building Approval:** The Building Code of Australia (Vol. 1 & 2 of the NCC) establishes that relevant buildings in bushfire prone areas must be constructed to the bushfire resistant requirements corresponding to the BAL rating that is to apply to that building. Consequently, a determined BAL rating and the BAL Certificate is required for a building permit to be issued - an indicative BAL rating is not acceptable.

### 3.1 BAL Assessment Summary (Contour Map Format)

#### INTERPRETATION OF THE BAL CONTOUR MAP

The BAL contour map is a diagrammatic representation of the results of the bushfire attack level assessment.

The map presents different coloured contours extending out from the areas of classified vegetation. Each contour represents a set range of radiant heat flux that potentially will transfer to an exposed element (building, person or other defined element), when it is located within that contour.

Each of the set ranges of radiant heat flux corresponds to a different BAL rating as defined by the AS 3959:2018 BAL determination methodology.

The width of each shaded BAL contour will vary dependant on both the BAL rating and the relevant parameters (calculation inputs) for the subject site. Their width represents the minimum and maximum vegetation separation distances that correspond to each BAL rating (refer to the relevant table below for these distances).

The areas of classified vegetation to be considered in developing the BAL contours, are those that will remain at the intended end state of the subject development once earthworks, clearing and/or landscaping and re-vegetation have been completed. Variations to this statement that may apply include:

- Both pre and post development BAL contour maps are produced; and/or
- Each stage of a development is assessed independently.

#### 3.1.1 BAL Determination Methodology and Location of Data and Results

LOCATION OF DATA & RESULTS					
BAL Determination Methodology		Location of the Site Assessment Data			Location of the Results
AS 3959:2018	Applied to Assessment	Classified Vegetation and Topography Map(s)	Calculation Input Variables		Assessed Bushfire Attack Levels and/or Radiant Heat Levels
			Summary Data	Detailed Data with Explanatory and Supporting Information	
Method 1 (Simplified)	Yes	Figure 3.1 and Figure 3.1.1	Table 3.2	Appendix A1	Table 3.1 Table 3.3 / BAL Contour Map

### 3.1.2 BAL Ratings Derived from the Contour Map

Table 3.1: Indicative and determined BAL(s) for proposed building works.

BUSHFIRE ATTACK LEVEL FOR EXISTING/PLANNED BUILDINGS/STRUCTURE <sup>1</sup>		
Building/Structure Description	Indicative BAL <sup>2</sup>	Determined BAL <sup>2</sup>
BESS Facility	BAL-12.5 *	Not Determined
Substation	BAL-29	Not Determined

<sup>1</sup> The assessment data used to derive the BAL ratings is sourced from Table 3.1 and Figure 3.2 'BAL Contour Map'.

<sup>2</sup> Refer to the start of Section 3 for an explanation of indicative versus determined BAL ratings.

\*Subject to 10kW per square meter radiant heat levels due to increased separation distance by 10kW APZ as recommended due to the high-risk nature of the development.

### 3.1.3 Site Assessment Data Applied to Construction of the BAL Contour Map(s)

RELEVANT CLASSIFIED VEGETATION	
Identification of Classified Vegetation that is Relevant to the Production of the BAL Contour Map(s)	Relevant Vegetation Map
The relevant vegetation for the post-development BAL contour map will be any area of classified vegetation - both within the subject site (onsite) and external to the subject site (offsite) - that will remain at the intended end state of the subject development once earthworks, any clearing and/or landscaping and re-vegetation have been completed.	Figure 3.2
Supporting Assessment Details: None required.	

Table 3.2: The calculation inputs applied to determining the site specific separation distances corresponding to levels of potential radiant heat transfer (including BAL's).

SUMMARY OF CALCULATION INPUT VARIABLES APPLIED TO THE DETERMINATION OF SEPARATION DISTANCES CORRESPONDING TO RADIANT HEAT LEVELS <sup>1</sup>												
Applied BAL Determination Method		METHOD 1 - SIMPLIFIED PROCEDURE (AS 3959:2018 CLAUSE 2.2)										
The Calculation Variables Corresponding to the BAL Determination Method Applied												
Methods 1 and 2		Method 1			Method 2							
Vegetation Classification		FDI	Effective Slope		Site Slope	FFDI or GFDI	Flame Temp.	Elevation of Receiver	Flame Width	Fireline Intensity	Flame Length	Modified View Factor
			Applied Range	Measured								
Area	Class		degree range	degrees	degrees		K	metres	metres	kW/m	metres	% Reduction
1	(G) Grassland	110	Downslope >0-5	N/A								
2	(G) Grassland	110	Upslope or flat 0									
3	(G) Grassland	110	Upslope or flat 0									
4	Excluded cl 2.2.3.2(e)	N/A	N/A									

<sup>1</sup> All data and information supporting the determination of the classifications and values stated in this table and any associated justification, is presented in Appendix A. Where the values are stated as 'default' these are either the values stated in AS 3959:2018, Table B1 or the values calculated as intermediate or final outputs through application of the equations of the AS 3959:2018 BAL determination methodology. They are not values derived by the assessor.

Table 3.3: Vegetation separation distances corresponding to the radiant heat levels illustrated as BAL contours in Figure 3.2.

THE CALCULATED VEGETATION SEPARATION DISTANCES CORRESPONDING TO THE STATED LEVEL OF RADIANT HEAT <sup>1</sup>									
Vegetation Classification		Separation Distances Corresponding to Stated Level of Radiant Heat (metres)							
		Bushfire Attack Level						Maximum Radiant Heat Flux	
Area	Class	BAL-FZ	BAL-40	BAL-29	BAL-19	BAL12.5	BAL-LOW	10 kW/m <sup>2</sup>	2 kW/m <sup>2</sup>
1	(G) Grassland	<7	7-<9	9-<14	14-<20	20-<50	>50	21.8	-
2	(G) Grassland	<6	6-<8	8-<12	12-<17	17-<50	>50	21.2	-
3	(G) Grassland	<6	6-<8	8-<12	12-<17	17-<50	>50	21.2	-
4	Excluded cl 2.2.3.2(e)	-	-	-	-	-	-	-	-

<sup>1</sup> All calculation input variables are presented in Table 3.2. A copy of radiant heat calculator output for each area of classified vegetation are presented in Appendix A2.

Figure 3.1

### Classified Vegetation & Topography (Existing)

Lot 5 on Plan D067824, Area : 61.5116ha  
 Robertson Road  
 MERREDIN  
 SHIRE OF MERREDIN

----- LEGEND -----

- Lot 5
- Battery Development Extent
- Proposed Infrastructure
- 150m Assessment Area
- Photo & Direction

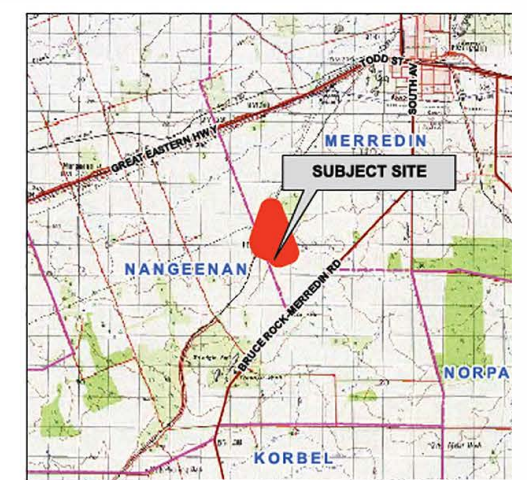
**Classified Vegetation**

- Class G - Grassland
- Exclusion 2.2.3.2



Metres

----- LOCALITY -----



AERIAL IMAGERY: Landgate/SLIP



Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metr  
 Map by: Elissa Edward 01-11-202  
 SCALF (A31) 1:200



Disclaimer and Limitation: This map has been prepared for bushfire management planning purposes only. All depicted areas, contours and any dimensions shown are subject to survey. Bushfire Prone Planning does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.









Figure 3.1.1

# Classified Vegetation & Topography (Post - Development)

Lot 5 on Plan D067824, Area : 61.5116ha  
Robertson Road  
MERREDIN  
SHIRE OF MERREDIN

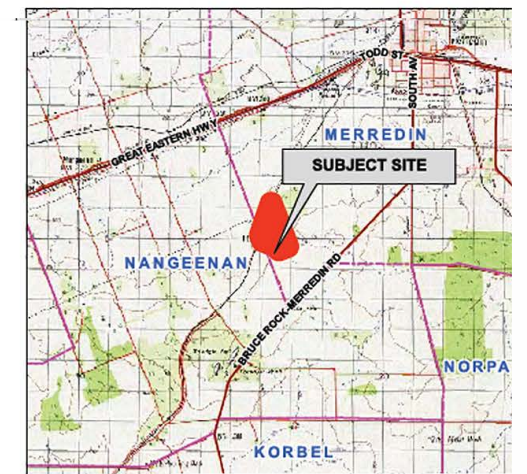
### ----- LEGEND -----

-  Lot 5
  -  Battery Development Extent
  -  Proposed Infrastructure
  -  150m Assessment Area
- Classified Vegetation**
-  Class G - Grassland
  -  Exclusion 2.2.3.2



Metres

### ----- LOCALITY -----



AERIAL IMAGERY: Landgate/SLIP



Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metre  
 Map by: Elissa Edward 14-12-202  
 SCALE (A3): 1:200







Disclaimer and Limitation: This map has been prepared for bushfire management planning purposes only. All depicted areas, contours and any dimensions shown are subject to survey. Bushfire Prone Planning does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.







Figure 3.2  
**BAL Contour Map**

Lot 5 on Plan D067824, Area : 61.5116ha  
 Robertson Road  
 MERREDIN  
 SHIRE OF MERREDIN

----- **LEGEND** -----

-  Lot 5
-  Battery Development Extent
-  Proposed Infrastructure
-  100m Assessment Area

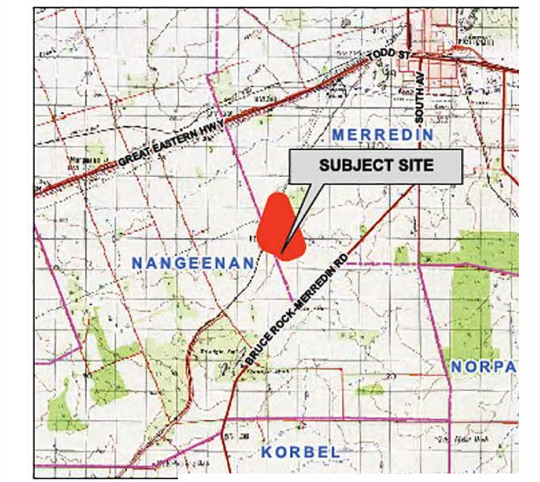
**Bushfire Attack Levels**

-  BAL-FZ
-  BAL-40
-  BAL-29
-  BAL-19
-  BAL-12.5
-  BAL-LOW



Metres

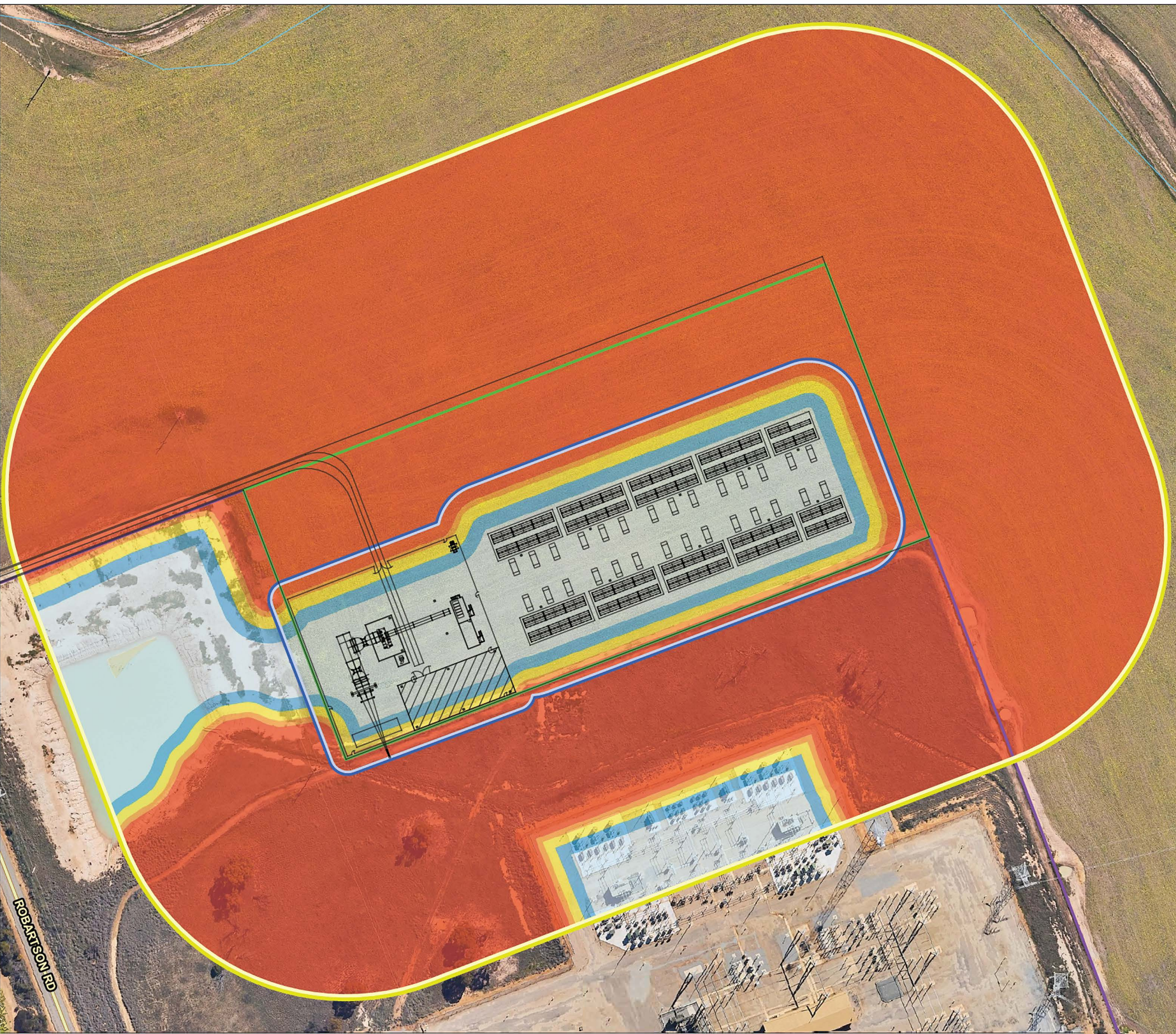
----- **LOCALITY** -----



AERIAL IMAGERY: Landgate/SLIP



Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metr  
 Map by: Elissa Edward 14-12-202  
 SCALE 1:157



Disclaimer and Limitation: This map has been prepared for bushfire management planning purposes only. All depicted areas, contours and any dimensions shown are subject to survey. Bushfire Prone Planning does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.

## 4 IDENTIFICATION OF BUSHFIRE HAZARD ISSUES

The Guidelines for Planning in Bushfire Prone Areas (WAPC 2021 v1.4), Appendix 5, establish that the application of this section of the BMP is intended to support **strategic planning** proposals. At the strategic planning stage there will typically be insufficient proposed development detail to enable all required assessments, including the assessment against the bushfire protection criteria.

### Strategic Planning Proposals

For strategic planning proposals this section of the BMP will identify:

- Issues associated with the level of the threats presented by any identified bushfire hazard;
- Issues associated with the ability to implement sufficient and effective bushfire protection measures to reduce the exposure and vulnerability levels (of elements exposed to the hazard threats), to a tolerable or acceptable level; and
- Issues that will need to be considered at subsequent planning stages.

### All Other Planning Proposals

For all other planning stages, this BMP will address what are effectively the same relevant issues but do it within the following sections:

- Section 2 – Bushfire Prone Vegetation - Environmental and Assessment Considerations: Assess environmental, biodiversity and conservation values;
- Section 3 – Potential Bushfire Impact: Assess the bushfire threats with the focus on flame contact and radiant heat; and
- Section 5 – Assessment Against the Bushfire Protection Criteria (including the guidance provided by the *Position Statement: 'Planning in bushfire prone areas – Demonstrating Element 1: Location and Element 2'*): Assess the ability of the proposed development to apply the required bushfire protection measures thereby enabling it to be considered for planning approval for these factors.

Is the proposed development a strategic planning proposal?

No

## 5 ASSESSMENT AGAINST THE BUSHFIRE PROTECTION CRITERIA (GUIDELINES V1.4)

### 5.1 Bushfire Protection Criteria Elements Applicable to the Proposed Development/Use

#### APPLICATION OF THE CRITERIA, ACCEPTABLE SOLUTIONS AND PERFORMANCE ASSESSMENT

The criteria are divided into five elements – location, siting and design, vehicular access, water and vulnerable tourism land uses. Each element has an intent outlining the desired outcome for the element and reflects identified planning and policy requirements in respect of each issue.

The example acceptable solutions (bushfire protection measures) provide one way of meeting the element's intent. Compliance with these automatically achieves the element's intent and provides a straightforward pathway for assessment and approval.

Where the acceptable solutions cannot be met, the ability to develop design responses (as alternative solutions that meet bushfire performance requirements) is an alternative pathway that is provided by addressing the applicable performance principles (as general statements of how best to achieve the intent of the element).

A merit based assessment is established by the SPP 3.7 and the Guidelines as an additional alternative pathway along with the ability of using discretion in making approval decisions (sections 2.5, 2.6 and 2.7). This is formally applied to certain development (minor and unavoidable – sections 5.4.1 and 5.7). Relevant decisions by the State Administrative Tribunal have also supported this approach more generally.

Elements 1 – 4 should be applied for all strategic planning proposals, subdivision or development applications, except for vulnerable tourism land uses which should refer to Element 5. Element 5 incorporates the bushfire protection criteria in Elements 1 – 4 but caters them specifically to tourism land uses. (Guidelines DPLH 2021 v1.4)

The Bushfire Protection Criteria	Applicable to the Proposed Development/Use
Element 1: Location	Yes
Element 2: Siting and Design	Yes
Element 3: Vehicular Access	Yes
Element 4: Water	Yes
Element 5: Vulnerable Tourism Land Uses	No

### 5.2 Local Government Variations to Apply

Local governments may add to or modify the acceptable solutions to recognise special local or regional circumstances (e.g., topography / vegetation / climate). These are to be endorsed by both the WAPC and DFES before they can be considered in planning assessments. (Guidelines DPLH 2021 v1.4).

Do endorsed regional or local variations to the acceptable solutions apply to the assessments against the Bushfire Protection Criteria for the proposed development /use?

No

### 5.3 Assessment Statements for Element 1: Location

LOCATION	
<b>Element Intent</b>	To ensure that strategic planning proposals, subdivision and development applications are located in areas with the least possible risk of bushfire to facilitate the protection of people, property and infrastructure.
<b>Proposed Development/Use – Relevant Planning Stage</b>	(Do) Development application other than for a single dwelling, ancillary dwelling or minor development
<b>Element Compliance Statement</b>	The proposed development/use achieves the intent of this element by being fully compliant with all applicable acceptable solutions.
<b>Pathway Applied to Provide an Alternative Solution</b>	N/A
<b>Acceptable Solutions - Assessment Statements</b>	
<p>All details of acceptable solution requirements are established in the Guidelines for Planning in Bushfire Prone Areas, DPLH v1.4 (Guidelines) and apply the guidance established by the Position Statement: 'Planning in bushfire prone areas – Demonstrating Element 1: Location and Element 2: Siting and design' (WAPC Nov 2019) and the 'Bushfire Management Plan Guidance for the Dampier Peninsula' (WA Department of Planning, Lands and Heritage, 2021 Rev B) as relevant. These documents are available at <a href="https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas">https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas</a>.</p>	
<b>Solution Component Check Box Legend</b>	<input checked="" type="checkbox"/> Relevant & met <input checked="" type="checkbox"/> Relevant & not met <input type="checkbox"/> Not relevant
<b>A1.1 Development location</b>	<b>Applicable:</b> <span style="background-color: #92D050; padding: 2px;">Yes</span> <b>Compliant:</b> <span style="background-color: #92D050; padding: 2px;">Yes</span>
<b>ASSESSMENT AGAINST THE REQUIREMENTS ESTABLISHED BY THE GUIDELINES</b>	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> The development application is located in an area that is or will, on completion, be subject to either a moderate or low bushfire hazard level, or BAL-29 or below.	
<b>Supporting Assessment Details:</b>	
<p>Refer to Figure 3.1.1 and Figure 3.2 showing the BAL-29 APZ around the substation and the 10kW APZ around the BESS Facility that can and will be established around the proposed development on the subject lot upon completion.</p>	
<b>ASSESSMENTS APPLYING THE GUIDANCE ESTABLISHED BY THE WAPC ELEMENT 1 &amp; 2 POSITION STATEMENT (2019)</b>	
<p>"Consideration should be given to the site context where 'area' is the land both within and adjoining the subject site. The hazards remaining within the site should not be considered in isolation of the hazards adjoining the site, as the potential impact of a bushfire will be dependent on the wider risk context, including how a bushfire could affect the site and the conditions for a bushfire to occur within the site."</p> <p><b>Strategic Planning Proposals:</b> Consider the threat levels from any vegetation <u>adjoining</u> and <u>within</u> the subject site for which the potential intensity of a bushfire in that vegetation would result in it being classified as an Extreme Bushfire Hazard Level (BHL). Identify any proposed design strategies to reduce these threats.</p> <p><b>Structure Plans (lot layout known) and Subdivision Applications:</b> As for strategic planning proposals but <u>within</u> the subject site the relevant threat levels to consider are the radiant heat levels represented by BAL-FZ and BAL-40 ratings.</p>	
<p>The planning proposal is a development application, consequently the referenced position statement is not applicable to the Element 1 assessment.</p>	

## 5.4 Assessment Statements for Element 2: Siting and Design

SITING AND DESIGN OF DEVELOPMENT	
<b>Element Intent</b>	To ensure that the siting and design of development minimises the level of bushfire impact. (BPP Note: not building/construction design)
<b>Proposed Development/Use – Relevant Planning Stage</b>	(Do) Development application other than for a single dwelling, ancillary dwelling or minor development
<b>Element Compliance Statement</b>	The proposed development/use achieves the intent of this element by being fully compliant with all applicable acceptable solutions.
<b>Pathway Applied to Provide an Alternative Solution</b>	N/A
<b>Acceptable Solutions - Assessment Statements</b>	
<p>All details of acceptable solution requirements are established in the Guidelines for Planning in Bushfire Prone Areas, DPLH v1.4 (Guidelines) and apply the guidance established by the Position Statement: 'Planning in bushfire prone areas – Demonstrating Element 1: Location and Element 2: Siting and design' (WAPC Nov 2019) and the 'Bushfire Management Plan Guidance for the Dampier Peninsula' (WA Department of Planning, Lands and Heritage, 2021 Rev B) as relevant. These documents are available at <a href="https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas">https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas</a>.</p>	
<p><b>Solution Component Check Box Legend</b>      <input checked="" type="checkbox"/> Relevant &amp; met      <input checked="" type="checkbox"/> Relevant &amp; not met      <input type="checkbox"/> Not relevant</p>	
<b>A2.1 Asset Protection Zone (APZ)</b>	<b>Applicable:</b> <span style="background-color: #92D050; padding: 2px;">Yes</span> <b>Compliant:</b> <span style="background-color: #92D050; padding: 2px;">Yes</span>
<b>APZ DIMENSIONS – DIFFERENCES IN REQUIREMENTS FOR PLANNING ASSESSMENTS COMPARED TO IMPLEMENTATION</b>	
<p>A key required bushfire protection measure is to reduce the exposure of buildings/infrastructure (as exposed vulnerable elements at risk), to the direct bushfire threats of flame contact, radiant heat and embers and the indirect threat of consequential fires that result from the subsequent ignition of other combustible materials that may be constructed, stored or accumulate in the area surrounding these structures. This reduces the associated risks of damage or loss.</p> <p>This is achieved by separating buildings (and consequential fire fuels as necessary) from areas of classified bushfire prone vegetation. This area of separation surrounding buildings is identified as the Asset Protection Zone (APZ) and consists of no vegetation and/or low threat vegetation or vegetation continually managed to a minimal fuel condition. The required separation distances will vary according to the site specific conditions and local government requirements.</p> <p>The APZ dimensions stated and/or illustrated in this Report can vary dependent on the purpose for which they are being identified.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p><i>Note: Appendix B 'Onsite Vegetation Management' provides further information regarding the different APZ dimensions that can be referenced, their purpose and the specifications of the APZ that are to be established and maintained on the subject lot.</i></p> </div>	
<b>THE 'PLANNING BAL-29' APZ DIMENSIONS</b>	
<p><b>Purpose:</b> To provide evidence of the development or use proposal's ability to achieve minimum vegetation separation distances. To achieve 'acceptable solution' planning approval for this factor, it must be demonstrated that the minimum separation distances corresponding to a maximum level of radiant transfer to a building of 29 kW/m<sup>2</sup>, either exist or can be implemented (with certain exceptions). These separation distances are the 'Planning BAL-29' APZ dimensions.</p> <p><i>The 'Planning BAL-29' APZ is not necessarily the size of the APZ that must be physically implemented and maintained by a landowner. Rather, its sole purpose is to identify if an acceptable solution for planning approval can be met.</i></p>	

### THE 'REQUIRED' APZ DIMENSIONS

**Purpose:** Establishes the dimensions of the APZ to be physically implemented by the landowner on their lot: These will be the minimum required separation distances from the subject building(s) to surrounding bushfire prone vegetation (identified by type and associated ground slope). These are established by:

- A. The 'BAL Rating APZ' of the subject building(s) when distances are greater than 'B' below (except when 'B' establishes a maximum distance); or
- B. The 'Local Government' APZ' derived from the Firebreak/Hazard Reduction Notice when distances are greater than 'A' above, other than when a maximum distance is established, in which case this will apply; or
- C. A combination of 'A' and 'B'.

*Within this Report/Plan it is the 'Planning BAL-29' APZ that will be identified on maps, diagrams and in tables as necessary – unless otherwise stated.*

*The 'Required' APZ dimension information will be presented in Appendix B1.1 and on the Property Bushfire Management Statement, when required to be included for a development application.*

### ASSESSMENT AGAINST THE REQUIREMENTS ESTABLISHED BY THE GUIDELINES

**APZ Width:** The proposed (or a future) habitable building(s) on the lot(s) of the proposed development - or an existing building for a proposed change of use – can be (or is) located within the developable portion of the lot and be surrounded by a 'Planning BAL-29' APZ of the required dimensions (measured from any external wall or supporting post or column to the edge of the classified vegetation), that will ensure their exposure to the potential radiant heat impact of a bushfire does not exceed 29 kW/m<sup>2</sup>.

Note:

When established by the relevant decision maker, the meeting of this requirement may also apply to proposed non-habitable buildings and other structures.

**Restriction on Building Location:** It has been identified that the current developable portion of a lot(s) provides for the proposed future (or a future) building/structure location that will result in that building/structure being subject to a BAL-40 or BAL-FZ rating. Consequently, it may be considered necessary to impose the condition that a restrictive covenant to the benefit of the local government pursuant to section 129BA of the Transfer of Land Act 1893, is to be placed on the certificate(s) of title of the proposed lot(s) advising of the existence of a restriction on the use of that portion of land (refer to Code F3 of Model Subdivision Conditions Schedule, WAPC June 2021 and Guidelines s5.3.2).

**APZ Location:** The required dimensions for a 'Planning BAL-29' APZ can be contained solely within the boundaries of the lot(s) on which the proposed (or a future) habitable building(s) - or an existing building(s) for a proposed change of use – is situated.

**APZ Location:** The required dimensions for a 'Planning BAL-29' APZ can be partly established within the boundaries of the lot(s) on which the proposed (or a future) habitable building(s) - or an existing building(s) for a proposed change of use – is situated. The balance of the APZ would exist on adjoining land that satisfies the exclusion requirements of AS 3959:2018 cl 2.2.3.2 for non-vegetated areas and/or low threat vegetation and/or vegetation managed in a minimal fuel condition.

**APZ Location:** It can be justified that any adjoining (offsite) land forming part of a 'Planning BAL-29' APZ will:

- If non-vegetated, remain in this condition in perpetuity; and/or

- If vegetated, be low threat vegetation or vegetation managed in a minimal fuel condition in perpetuity.

**APZ Management:** The area of land (within each lot boundary), that is to make up the required 'Landowner' APZ dimensions (refer to Appendix B, Part B1), can and will be managed in accordance with the requirements of the Guidelines Schedule 1 'Standards for Asset Protection Zones' (refer to Appendix B).

**Staged Subdivision:** The subdivision proposes development in stages and each stage is to comply with the relevant bushfire protection criteria.

A balance lot is created or classified vegetation within a subsequent stage will be removed and/or modified and/or be subject to ongoing management, to ensure that proposed lots within the current stage of the subdivision achieve a development site subject to 29 kW/m<sup>2</sup> or below.

The planned approach for achieving the required outcome is described in the supporting assessment details below.

**Firebreak/Hazard Reduction Notice:** Any additional requirements established by the relevant local government's annual notice to install firebreaks and manage fuel loads (issued under s33 of the Bushfires Act 1954), can and will be complied with.

**Supporting Assessment Details:**

Refer to Figure 3.1.1 showing the APZs and dimensions for the proposed non-habitable development. This figure shows the required APZ dimensions for this development. The current site plans provided by the proponent, cannot accommodate the required APZ dimensions within the development boundaries. For this development to be compliant with Element 2 within this BMP, the site plans need to be revised in order to fit the required APZ or a management agreement needs to be established between Western Power the developer / operator to manage the land outside the developable boundaries.

**ASSESSMENTS APPLYING THE GUIDANCE ESTABLISHED BY THE WAPC ELEMENT 1 & 2 POSITION STATEMENT (2019)**

**Strategic Planning Proposals:** "At this planning level there may not be enough detail to demonstrate compliance with this element. The decision-maker may consider this element is satisfied where A1.1 is met."

**Structure Plans (lot layout known) and Subdivision Applications:** "Provided that Element 1 is satisfied, the decision-maker may consider approving lot(s) containing BAL-40 or BAL-FZ under the following scenarios.

The planning proposal is a development application, consequently the referenced position statement is not applicable to the proposed development.



## 5.5 Assessment Statements for Element 3: Vehicular Access

VEHICULAR ACCESS	
<b>Element Intent</b>	To ensure that the vehicular access serving a subdivision/development is available and safe during a bushfire event.
<b>Proposed Development/Use – Relevant Planning Stage</b>	(Do) Development application other than for a single dwelling, ancillary dwelling or minor development
<b>Element Compliance Statement</b>	The proposed development/use achieves the intent of this element by being fully compliant with all applicable acceptable solutions.
<b>Pathway Applied to Provide an Alternative Solution</b>	N/A
<b>Acceptable Solutions - Assessment Statements</b>	
<p>All details of acceptable solution requirements are established in the Guidelines for Planning in Bushfire Prone Areas, DPLH v1.4 (Guidelines) and apply the guidance established by the Position Statement: 'Planning in bushfire prone areas – Demonstrating Element 1: Location and Element 2: Siting and design' (WAPC Nov 2019) and the 'Bushfire Management Plan Guidance for the Dampier Peninsula' (WA Department of Planning, Lands and Heritage, 2021 Rev B) as relevant. These documents are available at <a href="https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas">https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas</a>.</p> <p>The technical construction requirements for access types and components, and for each firefighting water supply component, are also presented in Appendices C and D. The local government will advise the proponent where different requirements are to apply and when any additional specifications such as those for signage and gates are to apply (these are included in the relevant appendix if requested by the local government).</p>	
<b>Solution Component Check Box Legend</b> <input checked="" type="checkbox"/> Relevant & met <input checked="" type="checkbox"/> Relevant & not met <input type="checkbox"/> Not relevant	
<b>A3.1 Public roads</b>	<b>Applicable:</b> <span style="background-color: #4F7942; color: white; padding: 2px;">Yes</span> <b>Compliant:</b> <span style="background-color: #4F7942; color: white; padding: 2px;">Yes</span>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> The technical construction requirements of vertical clearance and weight capacity (Guidelines, Table 6) can and will be complied with (Refer also to Appendix C in this BMP).	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> All other applicable technical requirements of trafficable width, gradients and curves, are required to be in "accordance with the class of road as specified in the IPWEA Subdivision Guidelines, Liveable Neighbourhoods, Ausroad Standards and/or any applicable standard in the local government area" (Guidelines, Table 6 and E3.1. Refer also to Appendix C in this BMP). The assessment conducted for the bushfire management plan indicates that it is likely that the proposed development can and will comply with the requirements. However, the applicable class of road, the associated technical requirements and subsequent proposal compliance, will need to be confirmed with the relevant local government and/or Main Roads WA.	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A traversable verge is available adjacent to classified vegetation (Guidelines, E3.1), as recommended.	
<b>Supporting Assessment Details:</b> No new public roads are proposed as part of the development. Existing public road, Robartson Road, provides access to the development. Robartson Road is a sealed, approximately 7 metre width, trafficable surface, with approximately 2 metre gravel trafficable shoulders.	
<b>A3.2a Multiple access routes</b>	<b>Applicable:</b> <span style="background-color: #4F7942; color: white; padding: 2px;">Yes</span> <b>Compliant:</b> <span style="background-color: #4F7942; color: white; padding: 2px;">Yes</span>
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> For each lot, two-way public road access is provided in two different directions to at least two different suitable destinations with an all-weather surface.	

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The two-way access <u>is</u> available at an intersection no greater than 200m from the relevant boundary of each lot, via a no-through road.</p>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The two-way access is <u>not</u> available at an intersection within 200m from the relevant boundary of each lot. However, the available no-through road satisfies the established exemption for the length limitation in every case. These requirements are:</p> <ul style="list-style-type: none"> <li>• Demonstration of no alternative access (refer to A3.3 below);</li> <li>• The no-through road travels towards a suitable destination; and</li> <li>• The balance of the no-through road that is greater than 200m from the relevant lot boundary is within a residential built-out area or is potentially subject to radiant heat levels from adjacent bushfire prone vegetation that correspond to the BAL-LOW rating (&lt;12.5 kW/m<sup>2</sup>).</li> </ul>
<p><b>Supporting Assessment Details:</b> Robartson Road provides two-way access for the development. Robartson Road provides access in a northerly direction to its intersection with major route Great Eastern Highway. Robartson Road provides access in a southerly direction to its intersection with Bruce Rock-Merredin Road. Bruce Rock-Merredin Road continues north to the townsite of Merredin, and continues south to the townsite of Bruce Rock, allowing multiple suitable destinations which can be accessed from the development site.</p>	
<p><b>A3.2b Emergency access way</b> <span style="float: right;"><b>Applicable:</b> No <b>Compliant:</b> N/A</span></p>	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The proposed or existing EAW provides a through connection to a public road.</p>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The proposed or existing EAW is less than 500m in length and will be signposted and gated (remaining unlocked) to the specifications stated in the Guidelines and/or required by the relevant local government.</p>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The technical construction requirements for widths, clearances, capacity, gradients and curves (Guidelines, Table 6 and E3.2b. Refer also to Appendix C in this BMP), can and will be complied with.</p>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The subdivision proposes development in stages and each stage is to comply with the relevant bushfire protection criteria.</p> <p>A temporary EAW is planned to facilitate the staging arrangements of a subdivision as an interim second access route until the required second access route is constructed as a public road in a subsequent stage. The planned approach for achieving the required outcome is described in the supporting assessment details below.</p>
<p><b>Supporting Assessment Details:</b> A3.2b does not apply to the development because A3.2a <u>can</u> be achieved.</p>	
<p><b>A3.3 Through-roads</b> <span style="float: right;"><b>Applicable:</b> No <b>Compliant:</b> N/A</span></p>	
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>A no-through public road is necessary as no alternative road layout exists due to site constraints.</p>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The no-through public road length does not exceed the established maximum of 200m to an intersection providing two-way access (Guidelines, E3.3).</p>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The no-through public road exceeds 200m but satisfies the exemption provisions of A3.2a as demonstrated in A3.2a above.</p>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	<p>The public road technical construction requirements (Guidelines, Table 6 and E3.1. Refer also to Appendix C in this BMP), can and will be complied with as established in A3.1 above.</p>

<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The turnaround area requirements (Guidelines, Figure 24) can and will be complied with.
<b>Supporting Assessment Details:</b> None required.	
<b>A3.4a Perimeter roads</b>	<b>Applicable:</b> No <b>Compliant:</b> N/A
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The proposed greenfield or infill development consists of 10 or more lots (including those that are part of a staged subdivision) and therefore should have a perimeter road. This is planned to be installed.
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The proposed greenfield or infill development consists of 10 or more lots (including those that are part of a staged subdivision). However, it is not required on the established basis of: <ul style="list-style-type: none"> <li>• The vegetation adjoining the proposed lots is classified Class G Grassland;</li> <li>• Lots are zoned rural living or equivalent;</li> <li>• It is demonstrated that it cannot be provided due to site constraints; or</li> <li>• All lots have existing frontage to a public road.</li> </ul>
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The technical construction requirements of widths, clearances, capacity, gradients and curves (Guidelines, Table 6 and E3.4a) can and will be complied with.
<b>Supporting Assessment Details:</b> None required.	
<b>A3.4b Fire service access route</b>	<b>Applicable:</b> No <b>Compliant:</b> N/A
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The FSAR can be installed as a through-route with no dead ends, linked to the internal road system every 500m and is no further than 500m from a public road.
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The technical construction requirements of widths, clearances, capacity, gradients and curves (Guidelines, Table 6 and E3.4b. Refer also to Appendix C in this BMP), can and will be complied with.
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The FSAR can and will be signposted. Where gates are required by the relevant local government, the specifications can be complied with.
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	Turnaround areas (to accommodate type 3.4 fire appliances) can and will be installed every 500m on the FSAR.
<b>Supporting Assessment Details:</b> None required.	
<b>A3.5 Battle-axe access legs</b>	<b>Applicable:</b> No <b>Compliant:</b> N/A
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	A battle-axe leg cannot be avoided due to site constraints.
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The proposed development is in a reticulated area and the battle-axe access leg length from a public road is no greater than 50m. No technical requirements need to be met.
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	The proposed development is not in a reticulated area. The technical construction requirements for widths, clearances, capacity, gradients and curves (Guidelines, Table 6 and E3.5. Refer also to Appendix C in this BMP), can and will be complied with.
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="radio"/>	Passing bays can and will be installed every 200m with a minimum length of 20m and a minimum additional trafficable width of 2m.

**Supporting Assessment Details:** None required.

A3.6 Private driveways	Applicable:	Yes	Compliant:	Yes
<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <p>The private driveway to the most distant external part of the development site is within a lot serviced by reticulated water, is accessed via a public road with a speed limit of 70 km/hr or less and has a length is no greater than 70m (measured as a hose lay). No technical requirements need to be met.</p>				
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <p>The technical construction requirements for widths, clearances, capacity, gradients and curves (Guidelines, Table 6 and E3.6. Refer also to Appendix C in this BMP), can and will be complied with.</p>				
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <p>Passing bays can and will be installed every 200m with a minimum length of 20m and a minimum additional trafficable width of 2m.</p>				
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <p>The turnaround area requirements (Guidelines, Figure 28, and within 30m of the habitable building) can and will be complied with.</p>				
<p><b>Supporting Assessment Details:</b> The proposed private driveway is approximately 225m in length (from Robartson Road to Substation entrance). This driveway will need to be constructed to the requirements within table 6 (Appendix C of this report) to provide adequate road width that will allow overtaking of emergency vehicles, therefore removing the requirement for over taking bays.</p> <p>To accommodate any future expansion and provide adequate access to the BESS facility, a looped driveway will need to be installed around the BESS facility.</p>				

## 5.6 Assessment Statements for Element 4: Water

FIREFIGHTING WATER	
<b>Element Intent</b>	To ensure water is available to enable people, property and infrastructure to be defended from bushfire.
<b>Proposed Development/Use – Relevant Planning Stage</b>	(Do) Development application other than for a single dwelling, ancillary dwelling or minor development
<b>Element Compliance Statement</b>	The proposed development/use achieves the intent of this element by being fully compliant with all applicable acceptable solutions.
<b>Pathway Applied to Provide an Alternative Solution</b>	N/A
<b>Acceptable Solutions - Assessment Statements</b>	
<p>All details of acceptable solution requirements are established in the <i>Guidelines for Planning in Bushfire Prone Areas, DPLH v1.4 (Guidelines)</i> and apply the guidance established by the <i>Position Statement: 'Planning in bushfire prone areas – Demonstrating Element 1: Location and Element 2: Siting and design'</i> (WAPC Nov 2019) and the <i>'Bushfire Management Plan Guidance for the Dampier Peninsula'</i> (WA Department of Planning, Lands and Heritage, 2021 Rev B) as relevant. These documents are available at <a href="https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas">https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas</a>.</p> <p>The technical construction requirements for access types and components, and for each firefighting water supply component, are also presented in Appendices C and D. The local government will advise the proponent where different requirements are to apply and when any additional specifications such as those for signage and gates are to apply (these are included in the relevant appendix if requested by the local government).</p>	
<b>Solution Component Check Box Legend</b> <input checked="" type="checkbox"/> Relevant & met <input checked="" type="checkbox"/> Relevant & not met <input type="checkbox"/> Not relevant	
<b>A4.1 Identification of future firefighting water supply</b>	<b>Applicable:</b> <span style="background-color: #00AEEF; color: white; padding: 2px 5px;">No</span> <b>Compliant:</b> <span style="background-color: #00AEEF; color: white; padding: 2px 5px;">N/A</span>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> It can be demonstrated that reticulated or sufficient non-reticulated water for firefighting can be provided at the subdivision and/or development application stage in accordance with the specifications of the relevant water supply authority or the requirements of Schedule 2.	
<b>Supporting Assessment Details:</b> None required.	
<b>A4.2 Provision of water for firefighting purposes</b>	<b>Applicable:</b> <span style="background-color: #92D050; color: white; padding: 2px 5px;">Yes</span> <b>Compliant:</b> <span style="background-color: #92D050; color: white; padding: 2px 5px;">Yes</span>
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A reticulated water supply is available to the proposed development. The existing hydrant connection(s) are provided in accordance with the specifications of the relevant water supply authority.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A reticulated water supply will be available to the proposed development. Hydrant connection(s) can and will be provided in accordance with the specifications of the relevant water supply authority.	
<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A static water supply (tank) for firefighting purposes will be installed on the lot that is additional to any water supply that is required for drinking and other domestic purposes.	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> A strategic water supply (tank or tanks) for firefighting purposes will be installed within or adjacent to the proposed development that is additional to any water supply that is required for drinking and other domestic purposes. The required land will be ceded free of cost to the local government and the lot or road reserve where the tank is to be located will be identified on the plan of subdivision.	

The strategic static water supply (tank or tanks) will be located no more than 10 minutes travel time from a subject site (at legal road speeds).

The technical requirements (location, number of tanks, volumes, design, construction materials, pipes and fittings), as established by the Guidelines (A4.2, E4 and Schedule 2) and/or the relevant local government, can and will be complied with.

**Supporting Assessment Details:**

Due to the high-risk nature of the development static water supply tank of 288,000L will be installed upon completion of the project in accordance with the requirements established in the BRR and Section 5.7 of this document. This water supply is intended to address bushfire and non-bushfire emergencies.

## 5.7 Additional Bushfire Protection Measures to be Implemented

The following bushfire protection measures are recommended to be implemented and maintained. They are additional to, or a variation of, those established by the relevant acceptable solutions applied to the proposed development/use within Sections 5 of this BMP (as applicable to the proposed development).

The intent of their application is to improve the bushfire performance of the proposed development/use and reduce residual risk levels to persons and property from a bushfire event.

The development of these additional and/or varied protection measures originates the following potential sources (not exhaustive):

1. Out of the relevant merit based assessment when the Section titled 'Non-compliance – Additional Assessments' has been used in this BMP;
2. Out of the relevant performance based assessment when Section titled 'Non-compliance – Additional Assessments' has been used in this BMP;
3. Out of the development of any other required bushfire planning documents. These include a Bushfire Emergency Plan and the Bushfire Risk Assessment and Management Report;
4. Out of any additional bushfire planning guidance documents or position statements issued by the WA Department of Planning, Lands and Heritage;
5. From any 'Conditions' which may be applied to a 'Planning Approval' or a 'Notice of Determination'; or
6. As a recommendation from the bushfire consultant.

The following table summarises the requirements/recommendations with the detail provided in the following sections.

When necessary, the implementation responsibility for these additional protection measures will be stated in Section 6 of this BMP and included in other operational documents as relevant.

**SUMMARY OF ADDITIONAL BUSHFIRE PROTECTION MEASURES TO BE IMPLEMENTED**

No.	Description of the Protection Measure to Apply to the Proposed Development	Risk Reducing Component Being Applied		The Assessment or Document Establishing the Application of the Protection Measure	Application Status
		Type	Protection Principle		
1	A BAL-29 APZ is required for planning approval. A 10kW/m2 APZ is additionally required so BESS units and infrastructure (electrical components) are unlikely to be compromised due to radiant heat during a bushfire. There is no native vegetation on site, therefore permission by the decision maker and local government is not required.	Threat Reduction	Prevent bushfire ignition and/or severity by controlling the fuel.	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		
2	It is required that all fine fuels are removed or maintained below 2t/ha within the APZ.	Threat Reduction	Prevent bushfire ignition and/or severity by controlling the fuel.	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		



3	Operating procedures have not yet been prepared. No ongoing works are proposed which could ignite a bushfire, except during an accident or component failure. It is advised that any hot/hazardous works are not undertaken during a Total Fire Ban or on a day with a Fire Danger Rating of Extreme or Catastrophic or under a Local Govt imposed Harvest, Vehicle movement and hot works ban.	Threat Reduction	Prevent bushfire ignition by controlling heat energy source and fuel interactions	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		
4	BESS units and associated infrastructure are comprised of metal exterior. Electrical cabling to and from the BESS units and associated infrastructure are underground, and any exposed cables can be shielded by non-combustible material.	Threat Reduction	Prevent bushfire ignition by controlling heat energy source and fuel interactions	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		
5	Fire within the facility (infrastructure, batteries or stored equipment) ignited by site operation/accident/failure may ignite vegetation. The 10kW/m2 APZ to be applied around the infrastructure is considered appropriate in reducing the risk of igniting a bushfire. The removal of consequential fire hazards within the APZ minimises the potential for spread of fire beyond the asset.	Threat Reduction	Prevent bushfire ignition by controlling heat energy source and fuel interactions	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		

		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		
6	<p>An APZ is to be established around electrical components and infrastructure. This APZ will ensure exposure to the bushfire hazard threat of radiant heat will be limited to a maximum radiant heat flux of 10 kW/m<sup>2</sup> (calculated with an assumed flame temperature of 1090K) by providing the required separation distances from the bushfire hazard. The 10m portion of the APZ immediately around BESS infrastructure must be entirely and permanently non-vegetated (sealed, compacted limestone, gravel, mineral earth etc).</p> <p>A BAL-29 APZ is required for all Class 1-10 buildings onsite. It is possible to locate the buildings within the 10kW/m<sup>2</sup> APZ applied to BESS infrastructure such that additional vegetation clearing is not required.</p>	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	Separation from Bushfire Threats		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		
7	<p>All non-structural combustible materials are to be removed within 10m of assets. This includes but is not limited to; waste, leaf litter, machinery, grasses, vehicles, fuel, furniture, and timber. When storage of flammable items or materials are stored on site temporarily (for maintenance etc), separation distances must be complied with. This requirement is to be included in the Site Operating Procedures document.</p>	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	Separation from Bushfire Threats		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		
8	<p>Ensure all subfloor spaces are sealed or enclosed with non-combustible solid material or ember screening</p>	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant
		Exposure Reduction - Persons	N/A		

	mesh (corrosion-resistant steel, bronze, or aluminium with an aperture <2mm).	Exposure Reduction – Buildings/Structures	N/A		responsibilities established in Section 6.
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Applies Design and Construction (Materials) to Improve Resilience to Bushfire Threats		
9	Exposed electrical cabling to be shielded from radiant heat and consequential fire by burying underground or shielding with non-combustible material – common electrical cabling reaches its critical point at >10kWm <sup>2</sup> .  Exposed plumbing (poly pipe) is to be buried or shielded with non-combustible material – maximum exposure 120 degrees Celsius.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	Shielding from Bushfire Threats		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	N/A		
10	The site Emergency Management Plan (document title pending), is to include responses to bushfire emergencies. The immediately procedure is to evacuate in the appropriate direction away from the fire, and inform DFES Comcen of the status of the BESS facility.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	Provision of Bushfire Emergency Information and Education		
		Vulnerability Reduction – Buildings/Structures	N/A		
11	The development is proposed to be unstaffed. It is recommended that the staff member managing emergency procedures has training in general	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant
		Exposure Reduction - Persons	N/A		

	bushfire emergency procedures, and has specific knowledge of the site procedures in response to bushfire. This staff member should be easily contactable.	Exposure Reduction – Buildings/Structures	N/A		responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Vulnerability Reduction - Persons	Provision of Bushfire Emergency Information and Education		
		Vulnerability Reduction – Buildings/Structures	N/A		
12	It is recommended that the Merredin Volunteer Fire and Rescue Service are to be invited to inspect and familiarise with the site. Provide information in site fire response procedures. This invitation may be annual or ad-hoc.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Establish/Improve Firefighting Capability		
13	Class 1-10 buildings: The construction of proposed structures is currently unknown. They will likely be primarily masonry, steel, aluminium and cement sheeting. It is recommended non-combustible elements are included where practical.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Applies Design and Construction (Materials) to Improve Resilience to Bushfire Threats		
14	BESS cabinets and infrastructure: Use non-combustible or products with high heat ratings to assist with maintaining their operability.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant
		Exposure Reduction - Persons	N/A		

		Exposure Reduction – Buildings/Structures	N/A		responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Applies Design and Construction (Materials) to Improve Resilience to Bushfire Threats		
15	Where the electrical cabling contacts the ground or any arrangement of associated structures creates a 'pocket' for accumulation of debris, this should be rectified by design or filling with non-combustible material such as mineral earth. Consideration should be given to making the arrangement self-cleaning through wind action to the greatest extent possible. These measures will reduce accumulation and/or make the management (clearing) of accumulated debris easier. E.g. cable raking to be $\geq 100$ mm above ground.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Applies Design and Construction (Materials) to Improve Resilience to Bushfire Threats		
16	All Class 1-10 buildings (including non-habitable structures) must have ember screening/sealants installed on any gaps and penetrations.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Applies Design and Construction (Materials) to Improve Resilience to Bushfire Threats		
17		Threat Reduction	N/A		

	<p>The manufacturer or appropriate engineers should be contacted to enquire if it is possible to apply ember screening to intake/exhaust vents and other paths of entry to the interior cavity or accessing any combustible elements of BESS cabinets. This ember screening would be applicable to the exterior of the battery cabinet, not internal components. The intention is to prevent both ember ingress and debris accumulation.</p> <p>Ember screening mesh is corrosion-resistant steel, bronze, or aluminium with an aperture &lt;2mm.</p>	Exposure Reduction - Persons	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Applies Design and Construction (Materials) to Improve Resilience to Bushfire Threats		
18	Any security fences or other potential fuel loads should be constructed using non-combustible material.	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Applies Design and Construction (Materials) to Improve Resilience to Bushfire Threats		
19	<p>The following requirements apply to the firefighting water supply. The specifications will be confirmed at the detailed design stage.</p> <p><u>Access</u></p> <ul style="list-style-type: none"> <li>• Firefighting water access points (hydrants, hard suction, or drafting) must be clearly identifiable, visible from internal roads, and unobstructed.</li> <li>• The water tank(s) must be located at the vehicle access point to the development (northern entry gate).</li> </ul>	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Establish/Improve Firefighting Capability		

<ul style="list-style-type: none"> <li>• An all-weather hardstand turnaround area meeting the requirements of the Guidelines for Planning in Bushfire Prone Areas v1.4 (Explanatory Note E3.3) must be provided within 4 metres of both the static water storage tank(s) and any independent hard suction points (hydrants).</li> <li>• Site Operating Procedures must include that access routes must be unobstructed at all times.</li> </ul> <p><u>Siting</u></p> <ul style="list-style-type: none"> <li>• The water tank(s) must be positioned &gt;10m from BESS cabinets and associated infrastructure.</li> <li>• The water tank(s) should apply a BAL-29 APZ at a minimum. It is possible to locate the tank within the 10kW/m<sup>2</sup> APZ applied to BESS infrastructure such that additional vegetation clearing is not required.</li> </ul> <p><u>Construction</u></p> <ul style="list-style-type: none"> <li>• The static firefighting water supply must be calculated per AS 2419. Based on the submitted layout the required supply will be 288,000L. This water supply is intended to address bushfire and non-bushfire emergencies.</li> <li>• The static water storage tank(s) must be an above-ground water tank constructed of concrete or steel.</li> <li>• An external water level indicator must be installed on static water storage tank(s) and be visible from internal roads and the adjoining turnaround area.</li> <li>• Signage indicating 'FIRE WATER' and the tank capacity must be fixed to each tank.</li> </ul>				
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	<ul style="list-style-type: none"> <li>The hard-suction point must be protected from mechanical damage (eg. bollards) where vehicle contact is possible.</li> <li>Couplings at hard suction points are required to be 125mm Storz fittings (<i>Guidelines</i> v1.4 s2.2.2.1). DFES Built Environment and the Merredin Volunteer Fire and Rescue Service should be contacted for input on appropriate couplings and adaptors.</li> </ul>				
20	<p>The BESS units have active monitoring and electrical fault safety devices which ensure the units only remain operational within their intended operating environment, with an automated shut-down system. It is recommended that automatic fire suppression systems are installed and maintained, as appropriate to the BESS details and recommended by the manufacturer.</p>	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Recommended only. Future inclusion in relevant responsibilities established in Section 6 will be dependent on the planning decision maker establishing a condition of approval.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Establish/Improve Firefighting Capability		
21	<p>Operating and maintenance procedures are to be developed to ensure regular maintenance of firefighting supply and infrastructure.</p>	Threat Reduction	N/A	Bushfire Risk Assessment and Management Report	Required and will form part of the relevant responsibilities established in Section 6.
		Exposure Reduction - Persons	N/A		
		Exposure Reduction – Buildings/Structures	N/A		
		Vulnerability Reduction - Persons	N/A		
		Vulnerability Reduction – Buildings/Structures	Ensure Effectiveness Of Applied Protection Measures is Maintained		



## 6 BUSHFIRE PROTECTION MEASURES - RESPONSIBILITY FOR IMPLEMENTATION CHECKLIST

### 6.1 Developer / Landowner Responsibilities – Prior to Building and Operation

DEVELOPER/LANDOWNER RESPONSIBILITIES – PRIOR TO BUILDING AND OPERATION	
No.	Implementation Actions
1	<p>Prior to relevant building work, inform the builder of the existence of this approved Bushfire Management Plan (BMP). The plan identifies that the development site is within a designated bushfire prone area and states the indicative (or determined) BAL rating(s) that may (or will) be applied to buildings/structures. A BAL assessment report may be required to confirm determined ratings and will be required when ratings are indicative. BAL certificates will need to be issued to accompany building applications.</p> <p>The BMP may also establish, as an additional bushfire protection measure, that construction requirements to be applied will be those corresponding to a specified higher BAL rating.</p> <p>Compliance with the Building Code of Australia (Volumes 1 and 2 of the National Construction Code), will require certain bushfire resistant construction requirements be applied to residential buildings in bushfire prone areas (i.e., Class 1, 2 and 3 and associated Class 10a buildings and decks). Other classes of buildings may also be required to comply with these construction when established by the relevant authority or if identified as an additional bushfire protection measure within the BMP.</p> <p>The deemed to satisfy solutions that will meet the relevant bushfire performance requirements are found in AS 3959 – Construction of Building in Bushfire Prone Areas (as amended) and the NASH Standard - Steel Framed Construction in Bushfire Areas (as amended).</p>
2	<p>Building design and construction is to implement the bushfire protection measures that have been established within Section 5.7 of this BMP as measures additional to those established by the acceptable solutions.</p>
3	<p>Prior to occupancy/operation establish the 'Required' Asset Protection Zone (APZ) around habitable buildings (and other structures as required) to satisfy:</p> <ul style="list-style-type: none"> <li>• The minimum required dimensions established in Appendix B1; and</li> <li>• The standards established by the Guidelines DPLH, 2021 v1.4, Schedule 1, or as varied by the local government through their annually issued firebreak / hazard reduction notice when the variations have been endorsed by the WAPC and DFES as per s4.5.3 of the Guidelines.</li> </ul> <p>If native vegetation is required to be modified or removed, ensure that approval has been received from the relevant authority (refer to the applicable local government for advice).</p>
4	<p>Prior to occupancy, construct the private driveways and battle-axe legs to comply with the technical requirements referenced in the BMP.</p>
5	<p>Prior to occupancy, install the required firefighting static water supply to comply with the technical requirements stated in the BMP.</p>
6	<p>For the 'high risk land use' there is an outstanding obligation, created by Guidelines and consequently this Bushfire Management Plan, for a 'Bushfire Risk Assessment and Management Report' to be produced.</p> <p>Additional protection measures that have been identified in the Report, are to be incorporated into the operation's site emergency plan (produced by the operator to address all potential emergencies).</p>

## 6.2 Landowner / Occupier Responsibilities – Ongoing Management

LANDOWNER/OCCUPIER – ONGOING MANAGEMENT	
No.	Management Actions
1	<p>Maintain the 'Required' Asset Protection Zone (APZ) around habitable buildings (and other structures as required) to satisfy:</p> <ul style="list-style-type: none"> <li>• The minimum required dimensions established in Appendix B1; and</li> <li>• The standards established by the Guidelines DPLH, 2021 v1.4, Schedule 1, or as varied by the local government through their annually issued firebreak / hazard reduction notice when the variations have been endorsed by the WAPC and DFES as per s4.5.3 of the Guidelines.</li> </ul>
2	<p>Comply with the Shire of Merredin Firebreak and Burning Notice issued under s33 of the Bush Fires Act 1954. Check the notice annually for any changes.</p>
3	<p>Maintain vehicular access routes within the lot to comply with the technical requirements referenced in the BMP and the relevant local government's annual firebreak / hazard reduction notice.</p>
4	<p>Maintain the 288,000L static firefighting water supply tank and associated pipes/fittings/pump and vehicle hardstand in good working condition.</p>
5	<p>Ensure that builders engaged to construct dwellings/additions and/or other relevant structures on the lot, are aware of the existence of this approved Bushfire Management Plan (BMP). The plan identifies that the development site is within a designated bushfire prone area and states the indicative (or determined) BAL rating(s) that may (or will) be applied to buildings/structures.</p> <p>A BAL assessment report may be required to confirm determined ratings and will be required when ratings are indicative. BAL certificates will need to be issued to accompany building applications.</p> <p>Compliance with the Building Code of Australia (Volumes 1 and 2 of the National Construction Code), will require certain bushfire resistant construction requirements be applied to residential buildings in bushfire prone areas (i.e., Class 1, 2 and 3 and associated Class 10a buildings and decks). The deemed to satisfy solutions that will meet the relevant bushfire performance requirements are found in AS 3959 – Construction of Building in Bushfire Prone Areas (as amended) and the NASH Standard - Steel Framed Construction in Bushfire Areas (as amended).</p> <p>As an additional bushfire protection measure, other classes of buildings may also be required to comply with these construction requirements when established by the relevant authority or if identified as an additional bushfire protection measure within the BMP. The BMP may also establish that construction requirements to be applied will be those corresponding to a specified higher BAL rating. When applicable, these requirements will be identified in Section 5.7.</p>
6	<p>Ensure all future buildings the landowner has responsibility for, are designed and constructed in full compliance with:</p> <ul style="list-style-type: none"> <li>• The bushfire resistant construction requirements of the Building Code of Australia (Volumes 1 and 2 of the National Construction Code), as established by the Building Regulations 2012 (WA Building Act 2011); and</li> <li>• Any additional bushfire protection measures this Bushfire Management Plan has established are to be implemented.</li> </ul>

7	Maintain the bushfire protection measures that have been established within Section 5.7 of this BMP as measures additional to those established by the acceptable solutions.
8	The bushfire specific content of the operation's site emergency plan must be reviewed annually, relevant information updated and ensure all bushfire related preparation procedures are carried out.

### 6.3 Local Government Responsibilities – Ongoing Management

LOCAL GOVERNMENT – ONGOING MANAGEMENT	
No.	Management Actions
1	<p>Monitor landowner compliance with the annual Shire of Merredin Firebreak and Burning Notice and with any bushfire protection measures that are:</p> <ul style="list-style-type: none"> <li>• Established by this BMP;</li> <li>• Are required to be maintained by the landowner/occupier; and</li> <li>• Are relevant to local government operations.</li> </ul>
2	<p>To be aware of the potential consequences of any significant changes in the local government’s management of land, of which they have vested control (including re-vegetation), that could have an adverse impact on the determined BAL ratings that apply to adjacent existing or future buildings and where:</p> <ul style="list-style-type: none"> <li>• The determined BAL ratings have been established by an existing BMP or a BAL Assessment; and</li> <li>• The BAL has been correctly determined with appropriate consideration of what might reasonably be expected to potentially change in the future with regards to the classification of the vegetation being altered and/or management of the relevant area of vegetation.</li> </ul>

## APPENDIX A: DETAILED BAL ASSESSMENT DATA AND SUPPORTING INFORMATION

### A1: BAL Assessment Inputs Common to the Method 1 and Method 2 Procedures

#### A1.1: FIRE DANGER INDICES (FDI/FDI/GFDI)

When using Method 1 the relevant FDI value required to be applied for each state and region is established by AS 3959:2018, Table 2.1. Each FDI value applied in Tables 2.4 – 2.7 represents both the Forest Fire Danger Index (FFDI) and a deemed equivalent for the Grassland Fire Danger Index (GFDI), as per Table B2 in Appendix B. When using Method 2, the relevant FFDI and GFDI are applied.

The values may be able to be refined within a jurisdiction, where sufficient climatological data is available and in consultation with the relevant authority.

Relevant Jurisdiction:	WA	Region:	Whole State	Method 1	Applied FDI:	80
				Method 2	Applied FFDI:	N/A
					Applied GFDI:	N/A

#### A1.2: VEGETATION ASSESSMENT AND CLASSIFICATION

##### Vegetation Types and Classification

In accordance with AS 3959:2018 clauses 2.2.3 and C2.2.3.1, all vegetation types within 100 metres of the 'site' (defined as "the part of the allotment of land on which a building stands or is to be erected"), are identified and classified. Any vegetation more than 100 metres from the site that has influenced the classification of vegetation within 100 metres of the site, is identified and noted. The maximum excess distance is established by AS 3959: 2018 cl 2.2.3.2 and is an additional 100 metres.

Classification is also guided by the Visual Guide for Bushfire Risk Assessment in WA (WA Department of Planning February 2016) and any relevant FPA Australia practice notes.

##### Modified Vegetation





The vegetation types have been assessed as they will be in their natural mature states, rather than what might be observed on the day. Vegetation destroyed or damaged by a bushfire or other natural disaster has been assessed on its expected re-generated mature state. Modified areas of vegetation can be excluded from classification if they consist of low threat vegetation or vegetation managed in a minimal fuel condition, satisfying AS 3959:2018 s2.2.3.2(f), and there is sufficient justification to reasonable expect that this modified state will exist in perpetuity.



##### The Influence of Ground Slope



Where significant variation in effective slope exists under a consistent vegetation type, these will be delineated as separate vegetation areas to account for the difference in potential bushfire behaviour, in accordance with AS 3959:2018 clauses 2.2.5 and C2.2.5.

#### THE INFLUENCE OF VEGETATION GREATER THAN 100 METRES FROM THE SUBJECT SITE

Vegetation area(s) within 100m of the site whose classification has been influenced by the existence of bushfire prone vegetation from 100m – 200m from the site:	None
Assessment Statement:	No vegetation types exist close enough, or to a sufficient extent, within the relevant area to influence classification of vegetation within 100 metres of the subject site.

VEGETATION AREA 1					
Classification	<b>G. GRASSLAND</b>				
Types Identified	Dense sown pasture G-25		Sown pasture G-26		
Effective Slope	Measured	d/slope 1 degrees	Applied Range (Method 1)	Downslope >0-5 degrees	
Foliage Cover (all layers)	N/A	Shrub/Heath Height	N/A	Tree Height	N/A
Additional Justification:	Sown pasture less than 30 centimetres in height. No trees or other overstorey cover.				
Post Development Assumptions:	Vegetation is classified as worst-case scenario.				
					
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PHOTO ID: 3			PHOTO ID: 4		

VEGETATION AREA 2					
Classification	<b>G. GRASSLAND</b>				
Types Identified	Dense sown pasture G-25		Sown pasture G-26		
Effective Slope	Measured	flat 0 degrees	Applied Range (Method 1)	Upslope or flat 0 degrees	
Foliage Cover (all layers)	N/A	Shrub/Heath Height	N/A	Tree Height	N/A
Additional Justification:	Sown pasture less than 30 centimetres in height. No trees or other overstorey cover.				
Post Development Assumptions:	Vegetation is classified as worst-case scenario.				
					
PHOTO ID: 5			PHOTO ID: 6		

VEGETATION AREA 3					
Classification	<b>G. GRASSLAND</b>				
Types Identified	Tussock grassland G-22				
Effective Slope	Measured	flat 0 degrees	Applied Range (Method 1)	Upslope or flat 0 degrees	
Foliage Cover (all layers)	N/A	Shrub/Heath Height	N/A	Tree Height	Up to 30m
Additional Justification:	Unmanaged grasses approximately 1 metre in height. Scattered trees up to 10m in height for which canopy cover is <10% of the total area.				
Post Development Assumptions:	Vegetation is classified as worst-case scenario.				
					
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PHOTO ID: 9			PHOTO ID: 10		



**VEGETATION AREA 4**

Exclusion Clause	2.2.3.2 (e) non-vegetated area
Additional Justification:	Non-vegetated areas include a sealed public road, sealed and sand private roads/driveways, dam, and power station.
Post Development Assumptions:	Non vegetated areas are reasonably expected to remain in a low threat state in perpetuity.



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PHOTO ID: 12



PHOTO ID: 13



PHOTO ID: 14



PHOTO ID: 15

### A1.3: EFFECTIVE SLOPE

#### Measuring

Effective slope refers to the slope “under the classified vegetation which most significantly influences bushfire behaviour (AS 3959:2018, clause B4, CB4). It is not the average slope.

It is described as upslope, flat or downslope when viewed from the exposed element (e.g., building) looking towards the vegetation – and measured in degrees. Ground slope has a direct and significant influence on a bushfire’s rate of spread and intensity, which increases when travelling up a slope.

The slope under the vegetation in closest proximity to the exposed element(s), over the distance that will most likely carry the entire depth of the flaming front, will be a significant consideration in the determination of the effective slope. This distance is determined as a function of the potential quasi-steady rate of spread and expected residence time (i.e., the flaming combustion period at a single point on the ground), of a bushfire in the specific vegetation type/landscape scenario.

#### Slope Variation Within Areas of Vegetation

Where a significant variation in effective slope exists under a consistent vegetation type, these will be delineated as separate vegetation areas to account for the difference in potential bushfire behaviour, in accordance with AS 3959:2018 clauses 2.2.5 and C2.2.5.

#### Slope Variation Due to Multiple Development Sites

When the effective slope, under a given area of bushfire prone vegetation, will vary significantly relative to multiple proposed development sites (exposed elements), then the effective slopes corresponding to each of the different locations, are separately identified.

The relevant (worst case) effective slope is determined in the direction corresponding to the potential directions of fire spread towards the subject building(s).

#### Differences in Application of Effective Slope - AS 3959:2018 Method 1 versus Method 2 Procedures

The Method 1 procedure provides five different slope ranges from flat (including all upslopes) to 20 degrees downslope to define the effective slope and bushfire behaviour model calculations apply the highest value in each range (i.e., 0°, 5°, 10°, 15° or 20°).

The Method 2 procedure requires an actual slope (up or down in degrees) to be determined. AS 3959:2018, clause B1 limits the effective slope that can be applied to 30 degrees downslope and 15 degrees upslope. Where any upslope is greater than 15 degrees, then 15 degrees is to be used.

#### SITE ASSESSMENT DETAILS - EXPLANATION & JUSTIFICATION

The effective slopes determined from the site assessment are recorded in Table 3.2 of this Bushfire Management Plan. When their derivation requires additional explanation and justification, this is provided below.

None required.

## A1.4: SEPARATION DISTANCE

### Measuring

The separation distance is the distance in the horizontal plane between the receiver (building/structure or area of land being considered) and the edge of the classified vegetation (AS 3959:2018, clause 2.2.4)

The relevant parts of a building/structure from which the measurement is taken is the nearest part of an external wall or where a wall does not exist, the supporting posts or columns. Certain parts of buildings are excluded including eaves and roof overhangs.

The edge of the vegetation, for forests and woodlands, will be determined by the unmanaged understorey rather than either the canopy (drip line) or the trunk (AS 3959:2018, clause C2.2.5).

### Measured Separation Distance as a Calculation Input

If a separation distance can be measured because the location of the building/structure relative to the edge of the relevant classified vegetation is known, this figure can be entered into the BAL calculation. The result is a determined BAL rating.

### Assumed Separation Distance as a Calculation Input

When the building/structure location within the lot is not known, an assumed building location may be applied that would establish the closest positioning of the building/structure relative to the relevant area of vegetation.

The assumed location would be based on a factor that puts a restriction on a building location such as:

- An established setback from the boundary of a lot, such as a residential design code setback or a restrictive covenant; or
- Within an established building envelope.

The resultant BAL rating would be indicative and require later confirmation (via a Compliance Report) of the building/structure actual location relative to the vegetation to establish the determined BAL rating.

### Separation Distance as a Calculation Output

With the necessary site specific assessment inputs and using the AS 3959:2018 bushfire modelling equations, the range of separation distances that will correspond to each BAL rating (each of which represents a range of radiant heat flux), can be calculated. This has application for bushfire planning scenarios such as:

- When the separation distance cannot be measured because the exact location of the exposed element (i.e., the building, structure or area), relative to classified vegetation, is yet to be determined.

In this scenario, the required information is the identification of building locations onsite that will correspond to each BAL rating. That is, indicative BAL ratings can be derived for a variety of potential building/structure locations; or

- The separation distance is known for a given building, structure or area (and a determined BAL rating can be derived), but additional information is required regarding the exposure levels (to the transfer of radiant heat from a bushfire), of buildings or persons, that will exist at different points within the subject site.

The calculated range of separation distances corresponding to each BAL rating can be presented in a table and/or illustrated as a BAL Contour Map – whichever is determined to best fit the purpose of the assessment.

For additional information refer to the information boxes in Section 3 'Bushfire Attack Levels (BAL) - Understanding the Results and Section 3.2. 'Interpretation of the BAL Contour Map'.

## SITE ASSESSMENT DETAILS - EXPLANATION & JUSTIFICATION


For the subject development/use the applicable separation distances values are derived from calculations applying the assessed site data. They are an output value, not an input value and therefore are not presented or justified in this appendix.

The derived values are presented in Section 3, Table 3.1 and illustrated as a BAL contour map in Figure 3.2.

## A2: BAL Calculator – Copy of Input/Output Values

Method 2 principles have been used to determine Recommended APZ dimensions for the proposed infrastructure, corresponding to radiant heat flux of 10 kW/m<sup>2</sup> for Grassland vegetation types. Note that 1090K flame temperature was used because the development is not a vulnerable land use.

### DETERMINING 10 kW/m<sup>2</sup> SEPARATION DISTANCES

Vegetation Classification	G. GRASSLAND	Slope: Flat 0°																																																				
 <p>Calculated November 6, 2023, 2:52 pm (MDc v.4.9)</p> <p>Grassland 0°</p> <p><b>Minimum Distance Calculator - AS3959-2018 (Method 2)</b></p> <table border="1"> <thead> <tr> <th colspan="2">Inputs</th> <th colspan="2">Outputs</th> </tr> </thead> <tbody> <tr> <td>Grassland Fire Danger Index</td> <td>110</td> <td>Rate of spread</td> <td>14.3 km/h</td> </tr> <tr> <td>Vegetation classification</td> <td>Grassland</td> <td>Flame length</td> <td>6.87 m</td> </tr> <tr> <td>Understorey fuel load</td> <td>4.5 t/ha</td> <td>Flame angle</td> <td>54 °, 64 °, 73 °, 78 °, 80 ° &amp; 85 °</td> </tr> <tr> <td>Total fuel load</td> <td>4.5 t/ha</td> <td>Elevation of receiver</td> <td>2.78 m, 3.08 m, 3.28 m, 3.36 m, 3.38 m &amp; 3.42 m</td> </tr> <tr> <td>Vegetation height</td> <td>n/a</td> <td>Fire intensity</td> <td>33,247 kW/m</td> </tr> <tr> <td>Effective slope</td> <td>0 °</td> <td>Transmissivity</td> <td>0.887, 0.877, 0.861, 0.841, 0.829 &amp; 0.755</td> </tr> <tr> <td>Site slope</td> <td>0 °</td> <td>Viewfactor</td> <td>0.5823, 0.4291, 0.29, 0.1946, 0.158 &amp; 0.0434</td> </tr> <tr> <td>Flame width</td> <td>100 m</td> <td>Minimum distance to &lt; 40 kW/m<sup>2</sup></td> <td>5.8 m</td> </tr> <tr> <td>Windspeed</td> <td>n/a</td> <td>Minimum distance to &lt; 29 kW/m<sup>2</sup></td> <td>7.9 m</td> </tr> <tr> <td>Heat of combustion</td> <td>18,600 kJ/kg</td> <td>Minimum distance to &lt; 19 kW/m<sup>2</sup></td> <td>11.7 m</td> </tr> <tr> <td>Flame temperature</td> <td>1,090 K</td> <td>Minimum distance to &lt; 12.5 kW/m<sup>2</sup></td> <td>17.3 m</td> </tr> <tr> <td></td> <td></td> <td>Minimum distance to &lt; 10 kW/m<sup>2</sup></td> <td>21.2 m</td> </tr> </tbody> </table> <p style="text-align: right; font-size: small;">           Rate of Spread - Noble et al. 1980            Flame length - Purton, 1982            Elevation of receiver - Douglas &amp; Tan, 2005            Flame angle - Douglas &amp; Tan, 2005            Radiant heat flux - Drysdale, 1999, Sullivan et al., 2003, Douglas &amp; Tan, 2005         </p>			Inputs		Outputs		Grassland Fire Danger Index	110	Rate of spread	14.3 km/h	Vegetation classification	Grassland	Flame length	6.87 m	Understorey fuel load	4.5 t/ha	Flame angle	54 °, 64 °, 73 °, 78 °, 80 ° & 85 °	Total fuel load	4.5 t/ha	Elevation of receiver	2.78 m, 3.08 m, 3.28 m, 3.36 m, 3.38 m & 3.42 m	Vegetation height	n/a	Fire intensity	33,247 kW/m	Effective slope	0 °	Transmissivity	0.887, 0.877, 0.861, 0.841, 0.829 & 0.755	Site slope	0 °	Viewfactor	0.5823, 0.4291, 0.29, 0.1946, 0.158 & 0.0434	Flame width	100 m	Minimum distance to < 40 kW/m <sup>2</sup>	5.8 m	Windspeed	n/a	Minimum distance to < 29 kW/m <sup>2</sup>	7.9 m	Heat of combustion	18,600 kJ/kg	Minimum distance to < 19 kW/m <sup>2</sup>	11.7 m	Flame temperature	1,090 K	Minimum distance to < 12.5 kW/m <sup>2</sup>	17.3 m			Minimum distance to < 10 kW/m <sup>2</sup>	21.2 m
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<b>Required vegetation separation distance:</b>		21.2 metres																																																				

<b>Vegetation Classification</b>	<b>G. GRASSLAND</b>	<b>Slope: Downslope 1°</b>
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Calculated November 6, 2023, 2:53 pm (MDc v.4.9)

**Grassland 1°**

**Minimum Distance Calculator - AS3959-2018 (Method 2)**

Inputs		Outputs	
Grassland Fire Danger Index	110	Rate of spread	15.32 km/h
Vegetation classification	Grassland	Flame length	7.11 m
Understorey fuel load	4.5 t/ha	Flame angle	55 °, 65 °, 74 °, 79 °, 81 ° & 86 °
Total fuel load	4.5 t/ha	Elevation of receiver	2.8 m, 3.08 m, 3.2 m, 3.17 m, 3.13 m & 2.48 m
Vegetation height	n/a	Fire intensity	35,622 kW/m
Effective slope	1 °	Transmissivity	0.887, 0.876, 0.859, 0.839, 0.827 & 0.754
Site slope	1 °	Viewfactor	0.5878, 0.4304, 0.2888, 0.195, 0.1583 & 0.0434
Flame width	100 m	Minimum distance to < 40 kW/m <sup>2</sup>	5.9 m
Windspeed	n/a	Minimum distance to < 29 kW/m <sup>2</sup>	8.1 m
Heat of combustion	18,600 kJ/kg	Minimum distance to < 19 kW/m <sup>2</sup>	12.1 m
Flame temperature	1,090 K	Minimum distance to < 12.5 kW/m <sup>2</sup>	17.8 m
		Minimum distance to < 10 kW/m <sup>2</sup>	21.8 m

Rate of Spread - Noble et al. 1980

Flame length - Purton, 1982

Elevation of receiver - Douglas & Tan, 2005

Flame angle - Douglas & Tan, 2005

Radiant heat flux - Drysdale, 1999, Sullivan et al., 2003, Douglas & Tan, 2005

**Required vegetation separation distance: 21.8 metres**

## APPENDIX B: ADVICE - ONSITE VEGETATION MANAGEMENT - THE APZ

### THE ASSET PROTECTION ZONE (APZ) - DESCRIPTION

This is an area surrounding a habitable building containing low threat fire fuel fuels (including vegetation), or vegetation managed in a minimal fuel condition, no fire fuels or any combination. The primary objectives include:

- To ensure the building is sufficiently separated from the bushfire hazard to limit the impact of its direct attack mechanisms. That is, the dimensions of the APZ will, for most site scenarios, remove the potential for direct flame contact on the building, reduce the level of radiant heat to which the building is exposed and ensure some reduction in the level of ember attack (with the level of reduction being dependent on the vegetation types of present);
- To ensure any vegetation retained within the APZ is low threat and/or is managed in a minimum fuel condition and prevents surface fire spreading to the building;
- To ensure other combustible materials that can result in consequential fire (typically ignited by embers) within both the APZ and parts of the building, are eliminated, minimised and/or appropriately located or protected. (Note: The explanatory notes in the Guidelines provide some guidance for achieving this objective and other sources are available. Research shows that consequential fire, ignited by embers, is the primary cause of building loss in past bushfire events); and
- To provide a defensible space for firefighting activities.

### B1: Asset Protection Zone (APZ) Dimensions

#### APZ DIMENSIONS – DIFFERENCES IN REQUIREMENTS FOR PLANNING ASSESSMENTS COMPARED TO IMPLEMENTATION

##### THE 'PLANNING BAL-29' APZ DIMENSIONS

*The 'Planning BAL-29' APZ is not necessarily the size of the APZ that must be physically implemented and maintained by a landowner. Rather, its purpose is to identify if an acceptable solution for planning approval can be met i.e., can a specified minimum separation distance from bushfire prone vegetation exist.*

An assessment against the Bushfire Protection Criteria is conducted for planning approval purposes. To satisfy 'A2.1: Asset Protection Zone', it must be demonstrated that certain minimum separation distances between the relevant building/structure and different classes of bushfire prone vegetation, either exist or can be created and will remain in perpetuity. These minimum separation distances determine the 'Planning BAL-29' APZ dimensions.

**Dimensions:** The minimum dimensions are those that will ensure the potential radiant heat impact on subject buildings does not exceed 29 kW/m<sup>2</sup>. These dimensions will vary dependent on the vegetation classification, the slope of the land they are growing on and certain other factors specific to the subject site.

*Note: For certain purposes associated with vulnerable land uses, the 'Planning BAL-29' APZ may be replaced with dimensions corresponding to radiant heat impact levels of 10 kW/m<sup>2</sup> and 2 kW/m<sup>2</sup> and calculated using 1200K flame temperature.*

**Location:** The identified 'Planning BAL-29' APZ must not extend past lot boundaries onto land the landowner has no control over either now or potentially at some point in the future. Limited exceptions include:

- When adjoining land is not vegetated (e.g., built out, roads, carparks, drainage, rock, water body etc.);
- When adjoining land currently or, will in the short term, contain low threat vegetation and or vegetation managed in a minimal fuel condition as per AS 3959:2018 cl. 2.2.3.2. It must be reasonable (justifiable) to expect this low threat vegetation and/or level of management will continue to exist or be conducted in perpetuity and require no action from the owner of the subject lot.

Such areas of land include formally managed areas of vegetation (e.g., public open space / recreation areas / services installed in a common section of land). For specific scenarios, evidence of the formal

commitment to manage these areas to a certain standard may be required and would be included in the BMP.

These areas of land can also be part of the required APZ on a neighbouring lot for which the owner of that lot has a recognised responsibility to establish and maintain; and

- When there is a formalised and enforceable capability and responsibility created for the subject lot owner, or any other third party, to manage vegetation on land they do not own in perpetuity. This would be rare, and evidence of the formal authority would be included in the BMP.

The bushfire consultant's 'Supporting Assessment Detail', that is presented in the assessment against the acceptable solution A2.1, will identify and justify how any adjoining land within the 'Planning BAL-29 APZ will meet the APZ standards. Or otherwise, explain how this condition cannot be met.

### THE 'BAL RATING' APZ DIMENSIONS

The applicable BAL rating will have been stated in the BAL Assessment Data section of the BAL Assessment Report or BMP (as relevant). The BAL rating can be assessed as 'determined' or 'indicative' or be 'conditional', dependent of the specific conditions associated with the site and the stage of assessment or planning. It is the eventual assessment of the 'Determined' BAL that will establish both the BAL rating that is to apply and its corresponding 'BAL Rating' APZ dimensions.

**Dimensions:** The minimum dimensions of the 'BAL Rating' APZ to be established and maintained will be those that correspond to the determined BAL rating for the subject building/structure that has accounted for surrounding vegetation types, the slope of the land they are growing on and certain other factors specific to the subject site and surrounding land.

Establishing the 'BAL Rating' APZ will ensure that the potential radiant heat exposure of the building/structure will be limited to the level that the applied construction requirements are designed to resist when that building/structure is required to be constructed to the standard corresponding to the Determined BAL.

*Note: For certain purposes associated with vulnerable land uses, the 'BAL Rating' APZ dimensions may be replaced with dimensions corresponding to the specific radiant heat impact levels of 10 kW/m<sup>2</sup> and 2 kW/m<sup>2</sup> and calculated using 1200K flame temperature.*

**Location:** The same conditions will apply as for the 'Planning BAL-29' APZ.

### THE 'LOCAL GOVERNMENT' APZ DIMENSIONS

Some Local Government's establish the dimensions of the APZ that must be established surrounding buildings in their annual Firebreak/Hazard Reduction Notice. Or for a specific site they may establish a maximum allowable dimension (typically that corresponding to BAL-29). When established, the landowner will need to be comply with these.

### THE 'REQUIRED' APZ DIMENSIONS

This is the APZ that is to be established and maintained by the landowner within the subject lot and surrounding the subject building(s). It will be identified on the Property Bushfire Management Statement when it is required to be included in this Report/Plan.

**Dimensions:** The 'Required APZ' dimensions are the minimum (or maximum when relevant) distances away from the subject building(s) that the APZ must extend. These distances will not necessarily be the same all around the building(s). They can vary and are dependent on the different vegetation types (and their associated ground slope) that can exist around the building(s), and specific local government requirements. The dimensions to implement are determined by:

- A. The 'BAL Rating APZ' of the subject building(s) when distances are greater than 'B' below (except when 'B' establishes a maximum distance); or
- B. The 'Local Government' APZ' derived from the Firebreak/Hazard Reduction Notice when distances are greater than 'A' above, other than when a maximum distance is established, in which case this will apply; or
- C. A combination of 'A' and 'B'.

**Location:** The same conditions will apply as for the 'Planning BAL-29' APZ.

**B1.1: THE APZ DIMENSIONS REQUIRED TO BE IMPLEMENTED BY THE LANDOWNER**

DETERMINATION OF THE 'REQUIRED' APZ DIMENSIONS TO BE IMPLEMENTED AND MAINTAINED BY LANDOWNER WITHIN THEIR LOT										
Relevant Buildings(s)	Vegetation Classification [Refer to Fig 3.1]		Minimum Required Separation Distances from Building to Vegetation (metres)							The 'Required' APZ Dimensions [see note]
			Established by the 'BAL Rating' APZ Dimension				Established by the "Local Government" APZ Dimension		Maximum Allowed	
	Area	Class	Determined Radiant Heat Impact	Stated 'Indicative' or 'Conditional' BAL				Firebreak / Hazard Reduction Notice		
				BAL-29	BAL-19	BAL-12.5	BAL-LOW			
BESS Cabinets and associated infrastructure	1	(G) Grassland	10 kW/m2	9-<14	14-<20	20-<50	>50	Rural Land: 'Install firebreaks to a width of twenty (20) metres around all buildings, hay sheds and fuel storage areas on the land'	N/A	22
	2	(G) Grassland		8-<12	12-<17	17-<50	>50			22
	3	(G) Grassland		8-<12	12-<17	17-<50	>50			22
	4	Excluded cl 2.2.3.2(e)		-	-	-	-			-
Substation	1	(G) Grassland	BAL-29	9-<14	14-<20	20-<50	>50	Rural Land: 'Install firebreaks to a width of twenty (20) metres around all buildings, hay sheds and fuel storage areas on the land'	N/A	9
	2	(G) Grassland		8-<12	12-<17	17-<50	>50			8
	3	(G) Grassland		8-<12	12-<17	17-<50	>50			8
	4	Excluded cl 2.2.3.2(e)		-	-	-	-			-

**Note:** The 'Required' APZ Dimension corresponding to each area of vegetation is the greater of the 'BAL Rating' or the 'Firebreak/Hazard Reduction Notice' APZ dimensions - unless a local government maximum distance(s) is established as a result of their environmental assessment of the subject site. The area of the APZ will also be limited to the subject lot boundary unless otherwise justified in this Report/Plan. Final determination of the dimensions will require that any indicative or conditional BAL becomes a 'Determined' BAL.

**Comments:** The Shire of Merredin Firebreak and Burning Notice suggests a 20m APZ around specific buildings that do not include the particular infrastructure within this report, therefore it is suggested to follow the recommendations and requirements outlined within this BMP.



## B2: The Standards for the APZ as Established by the Guidelines (DPLH, v1.4)

Within the Guidelines (source: <https://www.wa.gov.au/government/document-collections/state-planning-policy-37-planning-bushfire-prone-areas>), the management Standards are established by:

- Schedule 1: Standards for Asset Protection Zones (see extract below) established by the Guidelines; and
- The associated explanatory notes (Guidelines E2) that address (a) managing an asset protection zone (APZ) to a low threat state (b) landscaping and design of an asset protection zone and (c) plant flammability.

Guidelines for  
Planning in  
Bushfire  
Prone Areas

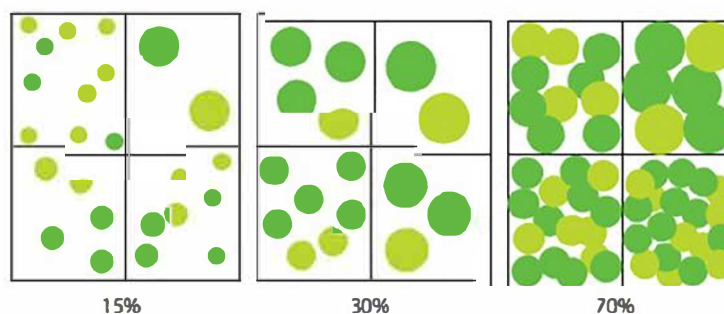
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### ELEMENT 2: SITING AND DESIGN OF DEVELOPMENT

#### SCHEDULE 1: STANDARDS FOR ASSET PROTECTION ZONES

OBJECT	REQUIREMENT
Fences within the APZ	<ul style="list-style-type: none"> <li>• Should be constructed from non-combustible materials (for example, iron, brick, limestone, metal post and wire, or bushfire-resisting timber referenced in Appendix F of AS 3959).</li> </ul>
Fine fuel load (Combustible, dead vegetation matter <6 millimetres in thickness)	<ul style="list-style-type: none"> <li>• Should be managed and removed on a regular basis to maintain a low threat state.</li> <li>• Should be maintained at &lt;2 tonnes per hectare (on average).</li> <li>• Mulches should be non-combustible such as stone, gravel or crushed mineral earth or wood mulch &gt;6 millimetres in thickness.</li> </ul>
Trees* (>6 metres in height)	<ul style="list-style-type: none"> <li>• Trunks at maturity should be a minimum distance of six metres from all elevations of the building.</li> <li>• Branches at maturity should not touch or overhang a building or powerline.</li> <li>• Lower branches and loose bark should be removed to a height of two metres above the ground and/or surface vegetation.</li> <li>• Canopy cover within the APZ should be &lt;15 per cent of the total APZ area.</li> <li>• Tree canopies at maturity should be at least five metres apart to avoid forming a continuous canopy. Stands of existing mature trees with interlocking canopies may be treated as an individual canopy provided that the total canopy cover within the APZ will not exceed 15 per cent and are not connected to the tree canopy outside the APZ.</li> </ul>

Figure 19: Tree canopy cover – ranging from 15 to 70 per cent at maturity



<p>Shrub* and scrub* (0.5 metres to six metres in height). Shrub and scrub &gt;6 metres in height are to be treated as trees.</p>	<ul style="list-style-type: none"> <li>• Should not be located under trees or within three metres of buildings.</li> <li>• Should not be planted in clumps &gt;5 square metres in area.</li> <li>• Clumps should be separated from each other and any exposed window or door by at least 10 metres.</li> </ul>
<p>Ground covers* (&lt;0.5 metres in height. Ground covers &gt;0.5 metres in height are to be treated as shrubs)</p>	<ul style="list-style-type: none"> <li>• Can be planted under trees but must be maintained to remove dead plant material, as prescribed in 'Fine fuel load' above.</li> <li>• Can be located within two metres of a structure, but three metres from windows or doors if &gt;100 millimetres in height.</li> </ul>
<p>Grass</p>	<ul style="list-style-type: none"> <li>• Grass should be maintained at a height of 100 millimetres or less, at all times.</li> <li>• Wherever possible, perennial grasses should be used and well-hydrated with regular application of wetting agents and efficient irrigation.</li> </ul>
<p>Defendable space</p>	<ul style="list-style-type: none"> <li>• Within three metres of each wall or supporting post of a habitable building, the area is kept free from vegetation, but can include ground covers, grass and non-combustible mulches as prescribed above.</li> </ul>
<p>LP Gas Cylinders</p>	<ul style="list-style-type: none"> <li>• Should be located on the side of a building furthest from the likely direction of a bushfire or on the side of a building where surrounding classified vegetation is upslope, at least one metre from vulnerable parts of a building.</li> <li>• The pressure relief valve should point away from the house.</li> <li>• No flammable material within six metres from the front of the valve.</li> <li>• Must sit on a firm, level and non-combustible base and be secured to a solid structure.</li> </ul>

\* Plant flammability, landscaping design and maintenance should be considered – refer to explanatory notes

### B3: The Standards for the APZ as Established by the Local Government

Refer to the firebreak / hazard reduction notice issued annually (under s33 of the Bushfires Act 1954) by the relevant local government. It may state Standards that vary from those established by the Guidelines and that have been endorsed by the WAPC and DFES as per Section 4.5.3 of the Guidelines.

A copy of the applicable notice is not included here as they are subject to being reviewed and modified prior to issuing each year. Refer to ratepayers notices and/or the local government's website for the current version.

## **B4: Vegetation and Areas Excluded from Classification - Ensure Continued Exclusion**

AS 3959:2018 establishes the methodology for determining a bushfire attack level (BAL). The methodology includes the classification of the subject site's surrounding vegetation according to their 'type' and the application of the corresponding relevant bushfire behaviour models to determine the BAL.

Certain vegetation can be considered as low threat or managed in a minimal fuel condition and can be excluded from classification. Where this has occurred in assessing the site, the extract from AS3959:2018 below states the requirements that must continue to exist for the vegetation on those areas of land to be excluded from classification (including the size of the vegetation area if relevant to the assessment).

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AS 3959:2018

### **2.2.3.2 Exclusions—Low threat vegetation and non-vegetated areas**

The following vegetation shall be excluded from a BAL assessment:

- (a) Vegetation of any type that is more than 100 m from the site.
- (b) Single areas of vegetation less than 1 ha in area and not within 100 m of other areas of vegetation being classified vegetation.
- (c) Multiple areas of vegetation less than 0.25 ha in area and not within 20 m of the site, or each other or of other areas of vegetation being classified vegetation.
- (d) Strips of vegetation less than 20 m in width (measured perpendicular to the elevation exposed to the strip of vegetation) regardless of length and not within 20 m of the site or each other, or other areas of vegetation being classified vegetation.
- (e) Non-vegetated areas, that is, areas permanently cleared of vegetation, including waterways, exposed beaches, roads, footpaths, buildings and rocky outcrops.
- (f) Vegetation regarded as low threat due to factors such as flammability, moisture content or fuel load. This includes grassland managed in a minimal fuel condition, mangroves and other saline wetlands, maintained lawns, golf courses (such as playing areas and fairways), maintained public reserves and parklands, sporting fields, vineyards, orchards, banana plantations, market gardens (and other non-curing crops), cultivated gardens, commercial nurseries, nature strips and windbreaks.

**NOTES:**

- 1 Minimal fuel condition means there is insufficient fuel available to significantly increase the severity of the bushfire attack (recognizable as short-cropped grass for example, to a nominal height of 100 mm).
- 2 A windbreak is considered a single row of trees used as a screen or to reduce the effect of wind on the leeward side of the trees.

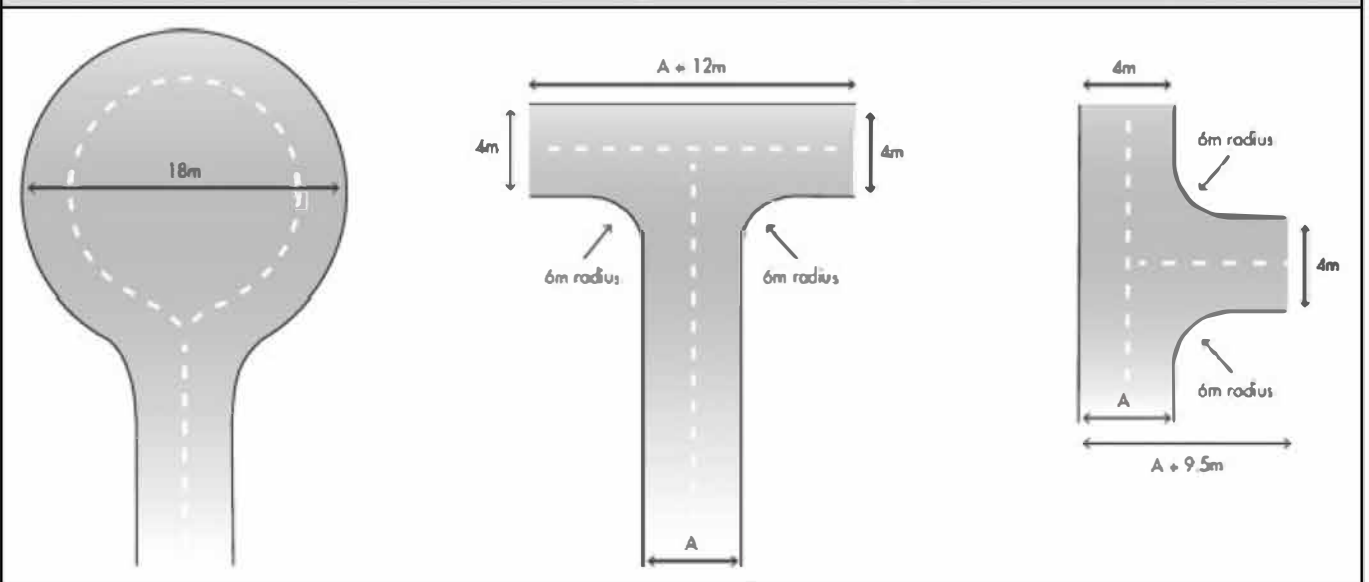
## APPENDIX C: TECHNICAL REQUIREMENTS FOR VEHICULAR ACCESS

The design/layout requirements for access are established by the acceptable solutions of the Guidelines (DPLH, 2021 v1.4) Element 3 and vary dependent on the access component, the land use and the presence of 'vulnerable' persons. Consequently, the best reference source are the Guidelines. The technical requirements that are fixed for all components and uses are presented in this appendix.

**GUIDELINES TABLE 6, EXPLANATORY NOTES E3.3 & E3.6 AND RELEVANT ACCEPTABLE SOLUTIONS**

Technical Component	Vehicular Access Types / Components			
	Public Roads	Emergency Access Way <sup>1</sup>	Fire Service Access Route <sup>1</sup>	Battle-axe and Private Driveways <sup>2</sup>
Minimum trafficable surface (m)	In accordance with A3.1	6	6	4
Minimum Horizontal clearance (m)	N/A	6	6	6
Minimum Vertical clearance (m)	4.5			
Minimum weight capacity (t)	15			
Maximum Grade Unsealed Road <sup>3</sup>	As outlined in the IPWEA Subdivision Guidelines	1:10 (10%)		
Maximum Grade Sealed Road <sup>3</sup>		1:7 (14.3%)		
Maximum Average Grade Sealed Road		1:10 (10%)		
Minimum Inner Radius of Road Curves (m)		8.5		

**Turnaround Area Dimensions for No-through Road, Battle-axe Legs and Private Driveways <sup>4</sup>**



**Passing Bay Requirements for Battle-axe leg and Private Driveway**

When the access component length is greater than the stated maximum, passing bays are required every 200m with a minimum length of 20m and a minimum additional trafficable width of 2m (i.e. the combined trafficable width of the passing bay and constructed private driveway to be a minimum 6m).

**Emergency Access Way – Additional Requirements**

Provide a through connection to a public road, be no more than 500m in length, must be signposted and if gated, gates must be open the whole trafficable width and remain unlocked.

<sup>1</sup> To have crossfalls between 3 and 6%.

<sup>2</sup> Where driveways and battle-axe legs are not required to comply with the widths in A3.5 or A3.6, they are to comply with the Residential Design Codes and Development Control Policy 2.2 Residential Subdivision.

<sup>3</sup> Dips must have no more than a 1 in 8 (12.5% or 7.1 degree) entry and exit angle.

<sup>4</sup> The turnaround area should be within 30m of the main habitable building.

## APPENDIX D: TECHNICAL REQUIREMENTS FOR FIREFIGHTING WATER SUPPLY

### D1: Non-Reticulated Areas – Static Supply

For specified requirements, refer to the Guidelines Element 4: Water – Acceptable Solution A4.2, Explanatory Notes E4 (that provide water supply establishment detail under the headings of water supply; independent water and power supply; strategic water supplies, alternative water sources and location of water tanks) and the technical requirements established by Schedule 2 (reproduced below).

#### SCHEDULE 2: WATER SUPPLY DEDICATED FOR BUSHFIRE FIREFIGHTING PURPOSES

### 2.1 Water supply requirements

Water dedicated for firefighting should be provided in accordance with Table 7 below, and be in addition to water required for drinking purposes.

Table 7: Water supply dedicated for bushfire firefighting purposes

PLANNING APPLICATION	NON-RETICULATED AREAS
Development application	10,000L per habitable building
Structure Plan / Subdivision: Creation of 1 additional lot	10,000L per lot
Structure Plan / Subdivision: Creation of 3 to 24 lots	10,000L tank per lot <b>or</b> 50,000L strategic water tank
Structure Plan / Subdivision: Creation of 25 lots or more	50,000L per 25 lots or part thereof Provided as a strategic water tank(s) or 10,000L tank per lot

### 2.2 Technical requirements

#### 2.2.1 Construction and design

An above-ground tank and associated stand should be constructed of non-combustible material. The tank may need to comply with AS/NZS 3500.1:2018.

Below ground tanks should have a 200mm diameter access hole to allow tankers or emergency service vehicles to refill direct from the tank, with the outlet location clearly marked at the surface. The tank may need to comply with AS/NZS 3500.1:2018. An inspection opening may double as the access hole provided that the inspection opening meets the requirements of AS/NZS 3500.1:2018. If the tank is required under the BCA as part of fire hydrant installation, then the tank will also need to comply with AS 2419.

Where an outlet for an emergency service vehicle is provided, then an unobstructed, hardened ground surface is to be supplied within four metres of any water supply.

#### 2.2.2 Pipes and fittings

All above-ground, exposed water supply pipes and fittings should be metal. Fittings should be located away from the source of bushfire attack and be in accordance with the applicable section below, unless otherwise specified by the local government.

##### 2.2.2.1 Fittings for above-ground water tanks:

- Commercial land uses: 125mm Storz fitting; or
- Strategic water tanks: 50mm or 100mm (where applicable and adapters are available) male camlock coupling with full flow valve; or
- Standalone water tanks: 50mm male camlock coupling with full flow valve; or
- Combined water tanks: 50mm male camlock coupling with full flow valve or a domestic fitting, being a standard household tap that enables an occupant to access the water supply with domestic hoses or buckets for extinguishing minor fires.

##### 2.2.2.2 Remote outlets

In certain circumstances, it may be beneficial to have the outlet located away from the water supply. In such instances in which a remote outlet is to be used, the applicant should consult the local government and DFES on their proposal.

EXAMPLE CONSTRUCTION AND FITTINGS



Strategic 47,000 Litre Concrete Tank & Protected Fittings



10,000 Litre Concrete Tank



Storz and Camlock Couplings



Full Flow 50mm Ball Valve



Full Flow 50mm Gate Valve and Male Camlock



Merredin Battery Facility

# Bushfire Risk Assessment & Management Report



Lot 5 Robartson Road, Merredin

Shire of Merredin

Job Reference No: 169042

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Rebekah Hampson	rebekah@landinsights.com.au	1.0	1	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Limitations:** The protection measures contained in this Bushfire Risk – Assessment and Management Report, are considered to be minimum requirements and they do not guarantee that buildings or infrastructure will not be damaged in a bushfire, persons injured, or fatalities occur either on the subject site or off the site while evacuating. This is substantially due to the unpredictable nature and behaviour of fire and fire weather conditions. Additionally, the correct implementation of the recommended protection measures will depend upon, among other things, the ongoing actions of the landowners and/or operators over which Bushfire Prone Planning has no control.

All surveys, forecasts, projections and recommendations made in this report associated with the proposed development are made in good faith based on information available to Bushfire Prone Planning at the time. All maps included herein are indicative in nature and are not to be used for accurate calculations.

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## 1 REPORT USE GUIDANCE - FOR MANAGERS & DECISION MAKERS

LOCATION OF KEY INFORMATION	
The applied <u>risk assessment process</u> as pre-requisite reading to assist with understanding the assessments and the presentation of the results.	Section 2 and Appendix 1
The assessed <u>bushfire risk levels</u> and the relative contribution of each primary factor contributing to that risk.	Section 3
The <u>recommended additional bushfire protection measures</u> and their implementation priority rating.	Section 4.1
Any Identified <u>additional issues and advice</u> provided for consideration by management.	Section 4.2

### SECTION 5 - THE ASSESSMENT OF BUSHFIRE RISK

For the proposed Merredin Battery proposal, the risk assessment derives defined levels of risk associated with a bushfire event within the immediate and broader surrounding landscape, to the identified elements at risk (i.e., relevant classes of persons and property).

The adopted assessment approach applies a methodology that considers bushfire risk to be determined as a consequence of the interaction of three factors:

1. The bushfire hazard (which presents varying threats and threat levels);
2. The levels of exposure of each element at risk to those threats; and
3. The levels of vulnerability of each element at risk to those threats.

The assessment considers both the current level of risk (inherent), and the potential level of risk (residual) should proactive management be able to implement the recommended additional bushfire protection measures.

The assessment is largely qualitative in nature but incorporates quantitative processes and information when relevant and available. This results in the derivation of 'indicative' bushfire risk levels.

The assessment is conducted by a bushfire planning consultant with practical bushfire event management experience and relevant accreditation. An important objective is to present understandable and practical protection measures that are able to be justifiably applied by management.

### SECTION 6 - THE ASSESSMENT OF BUSHFIRE RISK MANAGEMENT

Assessments are conducted that consider how well two defined pathways for implementing both the required and any additionally recommended bushfire protection measures, are being applied. Guidance for best practice application of these measures is provided. The two pathways are:

1. The application of 'informative' risk management mechanisms which include:
  - a. The organised application and maintenance of all applicable bushfire protection measures through a range of operational documents, as relevant to a site and its use; and
  - b. The development and application of advice to inform management's planning of future modifications and/or development of a site and its use. This is necessary where bushfire risk mitigation measures are necessary inputs to design and construction.
2. The application of 'regulatory' risk management mechanisms that are to be complied with. These include operating and construction regulations and standards, and relevant planning authority guidelines/standards.

\*\*\*\*\*

## 2 INTRODUCTION

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### 2.1 THE ASSET (DEVELOPMENT) AND/OR USE SUBJECT TO ASSESSMENT

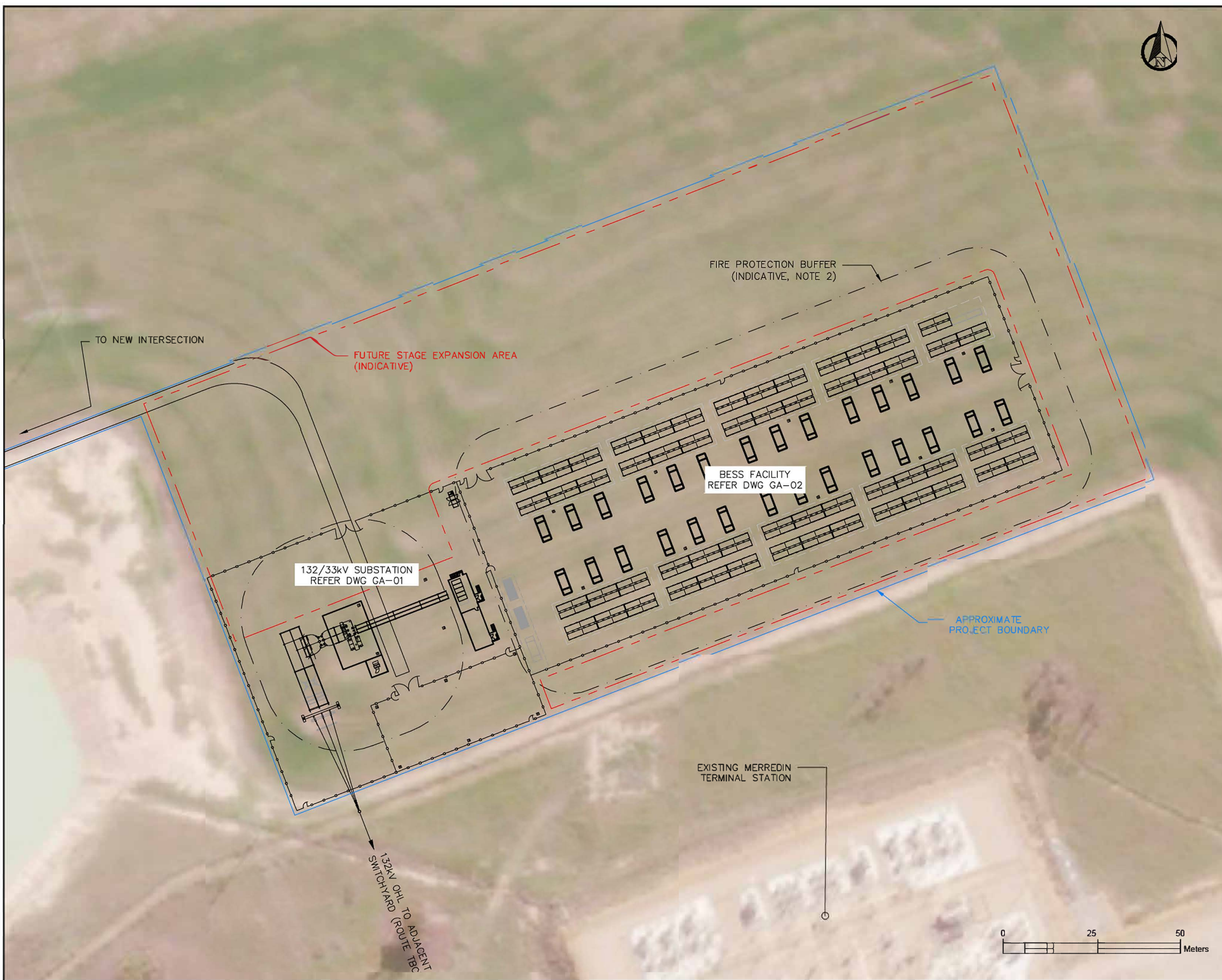
Bushfire Prone Planning has been engaged by Land Insights to produce a bushfire risk assessment and management report, specifically for the development of the Merredin Battery, a battery storage initiative proposed approximately 6.50km south west of the Merredin townsite.

The site is intended to be unstaffed, except for inspection and maintenance visits.

Merredin Battery will connect to Western Power's network via the neighbouring station to the south.



- NOTES:
1. CONCEPT ONLY, SUBJECT TO CHANGE DURING DETAILED DESIGN.
  2. PLANT & EQUIPMENT DIMENSIONS INDICATIVE, PROJECT AREA MAY EXPAND. SETBACKS AND OVERALL FOOTPRINT TO BE ADJUSTED WITHIN PROJECT BOUNDARY FOLLOWING DETAILED FIRE STUDY.
  3. CAR PARKING, EARTHWORKS, INTERSECTION UPGRADES, DRAINAGE, EARTHING, PITS, CULVERTS, SPARE PARTS STORAGE AND TEMP CONSTRUCTION COMPOUND NOT SHOWN.
  4. FIRE WATER ASSUMED CO-LOCATED WITH EXISTING SOLAR FARM.



A	FIRST DRAWN (CONCEPT)	ABC	19.10.23
REV:	DESCRIPTION:	BY:	DATE:
STATUS: <b>NOT FOR CONSTRUCTION</b>			

BRIGHT ENERGY	NOMAD ENERGY
---------------	--------------

PROJECT:	MERREDIN BESS		
TITLE:	OVERALL PROJECT GENERAL ARRANGEMENT PLAN		
SCALE AT A3:	DRAWN:	CHECKED:	APPROVED:
1:1000	ABC	-	-
PROJECT NO:	DRAWING NO:	REVISION:	
NMD01	MBB-GA-00	A	

## 2.2 THE RISK ASSESSMENT OBJECTIVES

Establishing the objectives directs the way the assessment process is conducted, and the type of information reported. Relevant objectives are typically determined by the applicability of one or more of the following three key factors:

1. The type of proposed or existing development. This can include:
  - a) Construction or modification of buildings, structures and infrastructure assets; or
  - b) Subdivision of land.
2. The type of proposed or ongoing land use. This can include:
  - a) Those defined as industrial, commercial or residential; and
  - b) Including those that have a planning classification of 'high risk' or 'vulnerable' - including tourism and event uses.
3. The relevant stage of planning. This can include but is not limited to:
  - a) An existing development and/or use for which an assessment of the necessity for and the potential to improve bushfire resilience is conducted and the consequent lowering of the associated risks identified.
  - b) At the strategic planning stage of new development/use when final details of the proposed development/use are not fully known and therefore relevant protection measures can potentially be identified and incorporated into design.
  - c) At the final planning stage that requires approval or a 'decision to proceed'. All relevant details of the proposed development/use are known. The requirement at this stage is to inform decision makers by providing an assessment of the residual bushfire risk.

The primary objectives for the subject development and/or use are collated as a summary in Table 2.1.

Table 2.1: Identifying the risk assessment objectives for the subject development/use.

RISK ASSESSMENT OBJECTIVES - INFORMATION TO BE DERIVED
<p><b>Identify:</b> The types of bushfire prone vegetation (considering factors that include components, arrangement and fuel loads), that exist onsite and offsite.</p>
<p><b>Determine:</b> The relative threat levels each bushfire hazard attack mechanism (direct and indirect) presents. Determine if the broader physical landscape surrounding the subject development/use has the potential to increase or decrease the levels of those threats.</p>
<p><b>Identify:</b> All at risk physical elements that are exposed to the potential threats of the bushfire hazard.</p>
<p><b>Identify:</b> Assets that owners/operators are prepared to lose from consequential fire resulting from a bushfire event, rather than apply sufficient protection measures i.e., the asset loss risk is to be retained. This may be due to cost or practicability. Consideration the consequent risk from asset abandonment and the availability of person risk mitigation measures.</p>
<p><b>Identify:</b> All at risk human elements that are exposed to the potential threats of the bushfire hazard.</p>
<p><b>Identify:</b> Bushfire protection measures that have or can be applied to reduce bushfire hazard threat levels to the greatest extent allowable and practicable.</p>
<p><b>Identify:</b> Bushfire protection measures that have or can be applied to reduce the exposure and vulnerability of buildings/structures, infrastructure and other physical assets, to the potential threats of the bushfire hazard. The intent being to increase asset resilience to the threats to the greatest extent practicable.</p>

## RISK ASSESSMENT OBJECTIVES - INFORMATION TO BE DERIVED

**Identify:** Bushfire protection measures that have or can be applied to reduce the exposure and vulnerability of persons to the potential threats of the bushfire hazard to the greatest extent practicable.

**Applicable to New Development and/or Use:** Inform relevant persons (planners / designers / operators / owners), at the appropriate planning stage, of available bushfire protection measures to be incorporated into siting, design, construction, education and management, to optimise bushfire performance.

Identify site specific protection measures, from the defined sets of bushfire protection measure principles, that have the potential to be applied as a package of protection measures. The intent is to achieve at least a tolerable level of risk to persons and property by ensuring that:

- Buildings, structures and other physical assets are resilient against bushfire hazard threats, to the greatest extent practicable.
- Persons have their exposure and vulnerability to bushfire hazard threats reduced, to the greatest extent practicable.

Provide implementation advice as necessary.

**Applicable to Existing Development and/or Use:** Inform relevant persons (planners / designers / operators / owners), regarding the current levels of asset resilience to bushfire threats and person safety to identify the inherent level of risk from a bushfire event.

Identify protection measures that can be implemented to improve resilience and safety and result in a lower residual risk.

Assess the standard of the current application of any protection measures and provide recommendations to improve as necessary.

Identify site specific protection measures (from the defined sets of bushfire protection measure principles) that have the potential to be applied as a package of protection measures to:

- Improve the bushfire resilience of buildings, structures and other physical assets to the greatest extent practicable; and
- Reduce persons exposure and vulnerability to bushfire hazard threats to the greatest extent practicable.

Provide implementation advice as necessary.

**Assess:** The indicative residual risk levels to inform planners / designers / operators / owners and/or relevant decision makers.

This is to be achieved through the application of the following information that has been established by the bushfire consultant:

- The process for determining relative threat, exposure and vulnerability levels;
- the indicative risk matrix; and
- the risk tolerance scale.

(Refer to Section 2.3.4, Appendix 2 and the glossary for additional information).



## 2.3 THE APPLIED RISK ASSESSMENT PROCESS

### 2.3.1 THE DEFINITION OF RISK

For the applied risk assessment process, the relevant risks are the potential for loss of life, injury, or destroyed or damaged assets which results in personal loss and economic loss due to disruption of services and/or repair or replacement of buildings and infrastructure. The source of the risk is either the bushfire as a natural hazard, or onsite activity/accident which may result in onsite fire.

### 2.3.2 THE ASSESSMENT PROCESS (FRAMEWORK)

To conduct and report the risk assessment process, Bushfire Prone Planning has adapted the understanding of disaster risk as described by the United Nations Office for Disaster Risk Reduction (UNDRR) and shown in Figure 2.2.

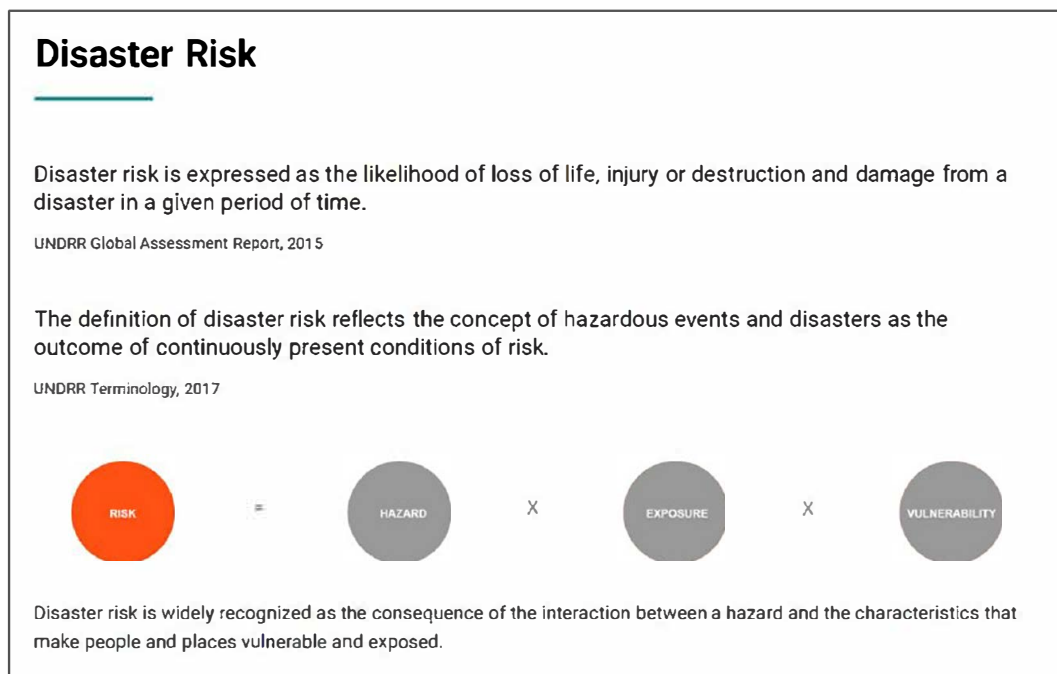


Figure 2.2: Understanding disaster risk (Source: United Nations Office for Disaster Risk Reduction [46]).

Although the UNDRR approach is designed to address disaster risk at large scale strategic levels, it can justifiably be applied to all scales of planning because it is focused on natural hazards and establishes a concept that can be readily adapted. The rationale for adopting this approach, rather than the methodology established by the National Emergency Risk Assessment Guidelines (AIDR 2020, NERAG), is provided in Appendix 1.

Also utilised within this assessment approach are relevant principles and measures to be applied in the development of bushfire risk mitigation strategies that are detailed in the Bushfire Verification Method Handbook [14].

### PROCESS OVERVIEW

The risk presented by a natural hazard (such as a bushfire) is a consequence of the interaction between the potential threats associated with the hazard and the exposure and vulnerability of any elements at risk from those threats (the 'exposed elements').

The application of available protection measures will lower the risk by:

1. Reducing the number and/or level of the hazard threats; and/or
2. Reducing the level of exposure and/or vulnerability of the elements at risk.

Figure 2.3 illustrates the framework of the adapted risk assessment process (refer to the glossary for terminology information and Appendix 2 provides greater detail of the risk analysis component of the assessment process).

## THE FRAMEWORK OF BUSHFIRE PRONE PLANNING'S APPLIED RISK ASSESSMENT PROCESS

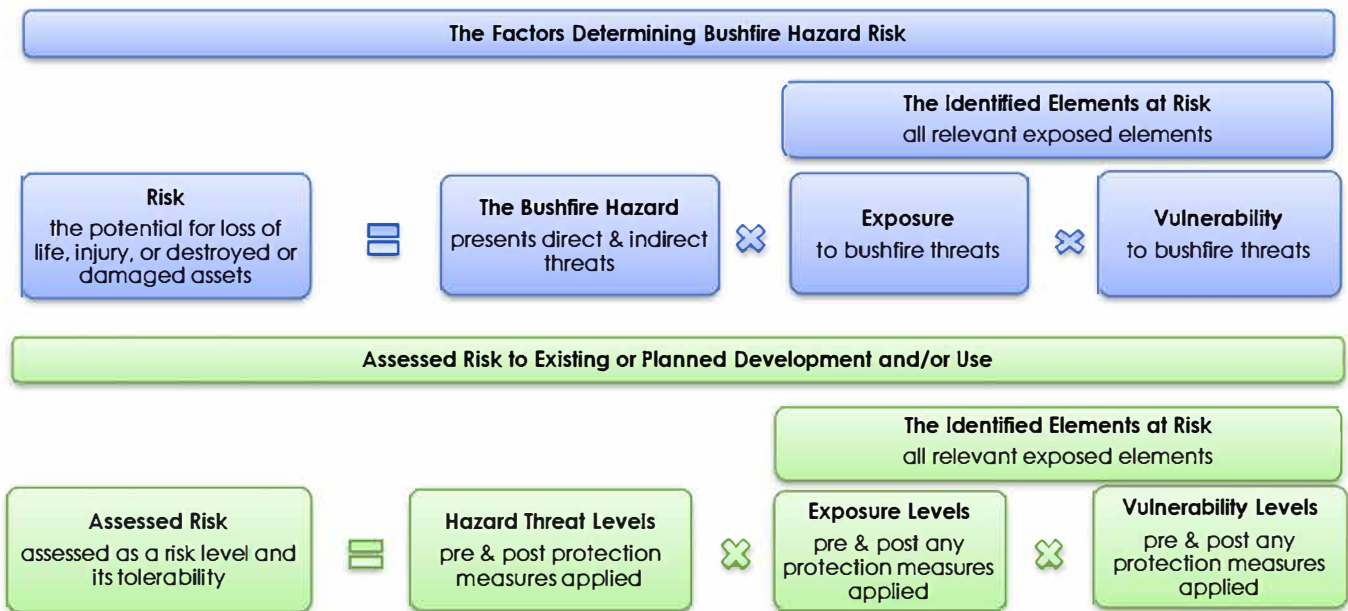


Figure 2.3: Framework of the applied risk assessment process.

### 2.3.3 RISK LEVEL ANALYSIS

(Refer to Appendix 2 and 3 and the Glossary for additional information.)

When the derivation of risk levels is a stated assessment objective, the risk analysis will derive a risk level as a summary outcome. The required risk level analysis can be conducted for either each exposed element separately and/or the proposed or existing development/use overall.

The risk level can be reported as either indicative or determined:

- **Indicative Risk Level:** This is derived based on a comparison of the numbers of protection measures able to be applied with the number of possible measures in the protection measure 'universe'. Appropriate weighting is given to the level of effectiveness of each of the measures. The intent is to provide a qualitative understanding of the level of risk that exists, to assist with making the required decisions.
- **Determined Risk Level:** This is derived using defined sets of risk factor criteria that correspond to each hazard threat level, exposure level and vulnerability level, for the elements at risk. Subsequently, how these defined levels are then applied to establish a determined risk level and its tolerability, is defined by an accepted risk level matrix and risk tolerance scale.

The risk factor criteria must reflect societies preparedness to tolerate risk and should be determined by regulatory authorities exercising their responsibilities. The criteria will vary dependent on development/use type and scale.

Consequently, the risk factor criteria (and potentially the risk level matrix and risk tolerance scale) need to be defined by the regulatory authorities before they can be applied in assessing a determined risk level.

Dependent on the stage of development/use, or to meet differing assessment objectives, the risk level can also be reported as:

- **Inherent Risk:** As the current risk when the assessment has only accounted for the bushfire protection measures that are either already in place (for existing development/use), or are planned to be incorporated into the proposed development/use; or
- **Residual Risk:** As the remaining risk when the assessment has also accounted for the application of any additional protection measures recommended by this report. If there are none, the residual risk is the same as the inherent risk.

### 2.3.4 USING THE ASSESSMENT PROCESS TO MEET THE STATED OBJECTIVES

The reporting objectives (established in Section 2.2) will vary for different types and stages of proposed (or existing) development/use. However, the same base framework is able to be utilised and the process can be adapted to achieve the required outcomes. An objective may not apply to a development, however whether and why/why not that objective applies must be considered.

Figure 2.4 provides further detail of the adopted assessment process, based on the framework shown in Figure 2.3.

### 2.3.5 BUSHFIRE PROTECTION MEASURE EFFECTIVENESS RATINGS

The following effectiveness ratings (refer to Table 2.2) are applied to the applicable bushfire protection measures, as part of the risk assessment process, and as a factor applied in deriving 'relative' threat, exposure and vulnerability levels.

The more effective a bushfire protection measure is, the greater its value in increasing bushfire resilience (buildings/structures), and/or increasing the safety of persons and in decreasing the level of risk associated with bushfire.

The effectiveness ratings incorporate the qualities of:

1. **Independence:** As a qualitative assessment of the extent to which the protection measure has the capacity to reduce threat, exposure and vulnerability levels as a standalone measure as opposed to requiring the cumulative capacity of additional protection measures (an additional one or more as a package); and
2. **Passiveness:** The capacity of protection measures to function without the active involvement of persons.

The rating assumes that the greater the independence and passiveness of a protection measure, the greater is its effectiveness.

Table 2.2: Bushfire protection measure effectiveness ratings.

THE APPLIED BUSHFIRE PROTECTION MEASURE EFFECTIVENESS RATINGS	
Rating / Descriptor	Protective Characteristics and Capability
<b>Very High</b> (Independent and Passive)	Very significant risk reduction as an independent (standalone) measure. Impact on risk reduction is immediate and persistent in all scenarios. Operates passively with no or minimal requirement for ongoing implementation, management and maintenance. A priority measure to be implemented wherever possible.
<b>High</b> (Independent and Passive)	Material risk reduction as an independent (standalone) measure; Operates passively with none or minimal requirement for ongoing implementation, management and maintenance.
<b>Effective</b> (Independent and Active)	Material risk reduction as an independent (standalone) measure; Effectiveness relies on active implementation, management, maintenance and/or response.
<b>Moderate</b> (Dependant and Passive or Active)	Alone the measure will have limited impact on risk reduction. It has additive value when combined with other protection measures to create a 'package' of bushfire protection measures. Effectiveness is achieved both passively and/or with active implementation, management, maintenance and/or response.
<b>Not Relevant</b>	The measure is not relevant to the type of development/use. (Note: this is different to not being able to be applied – it is just not relevant to any configuration of the subject development/use).

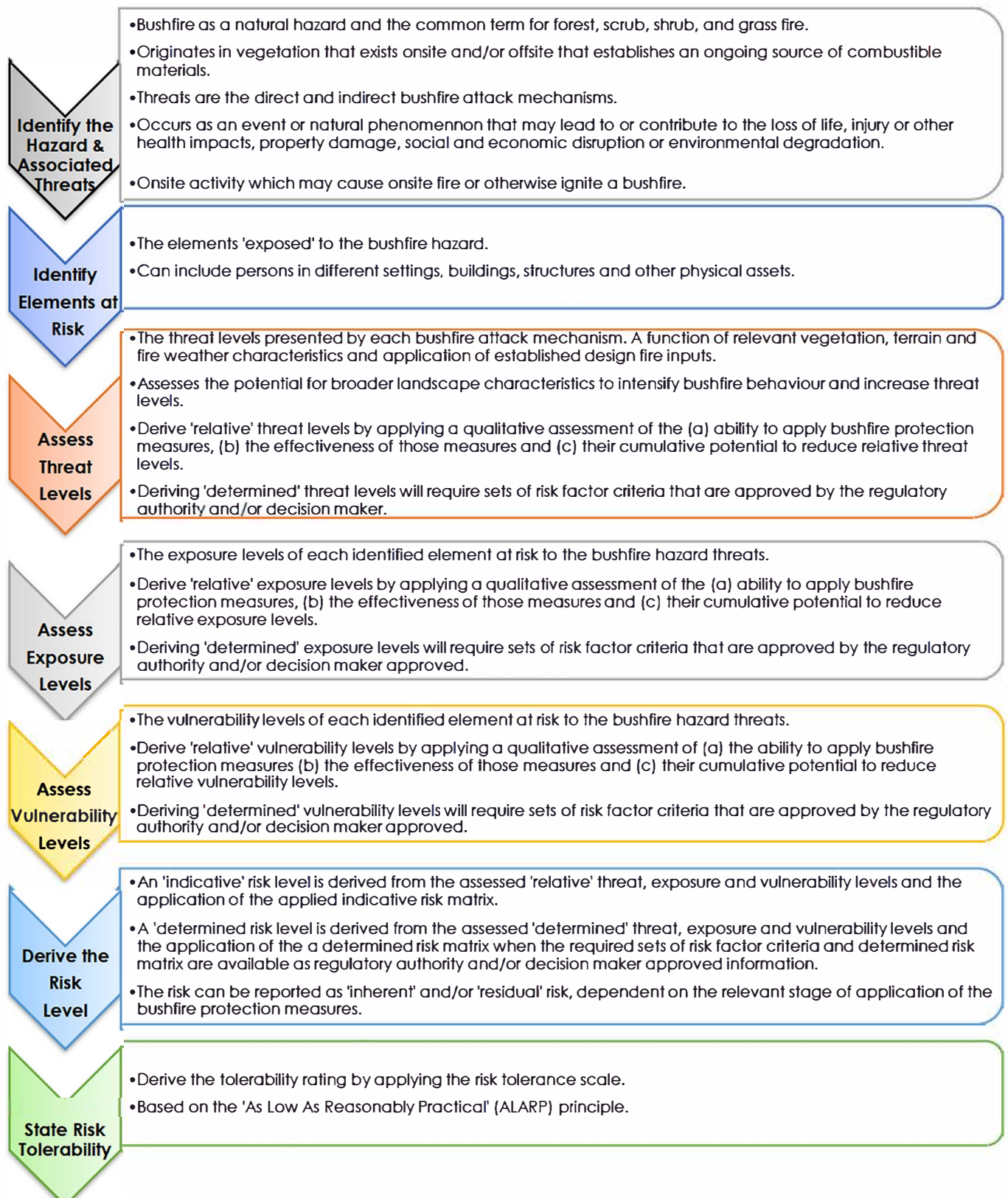


Figure 2.4: Outline of the adapted risk assessment process applied in this report.

## 2.4 THE BUSHFIRE HAZARD - BEHAVIOUR AND ATTACK MECHANISMS

Information regarding bushfire attack mechanisms and the potential influence of the broader landscape on the intensification of fire behaviour, is provided in Appendix 4 and 5. The content of these appendices is outlined below. Providing this information is intended to:

1. Assist those tasked with making design, construction, planning and management decisions (based on the information and assessments presented in this report), to have a better understanding of bushfire hazards where this may not be within their general field of expertise. This knowledge may also benefit development of innovative protection measures to increase the bushfire resilience of buildings/structures and/or improve persons safety and/or reduce bushfire threat levels; and
2. Assist readers understand why the assessment of the bushfire hazard threats and the presentation of the identified protection measures is organised the way it is in this report. It can also assist with guiding the search for additional information when necessary.

### CONTENT OF APPENDIX 4

1. Factors Influencing Bushfire Behaviour
  - Vegetation and other fuels - key characteristics
  - Weather
  - Topography
2. Bushfire Direct Attack Mechanisms
  - Ember attack
  - Radiant heat attack
  - Bushfire flame attack
  - Surface fire attack
3. Bushfire Indirect Attack Mechanisms
  - Debris accumulation
  - Consequential fire
  - Fire driven wind
  - Tree strike and/or obstruction

### CONTENT OF APPENDIX 5

1. Recent bushfire research
2. Dynamic Fire Behaviours
  - Spotting
  - Fire whirl/tornado
  - Junction fire
  - Crown fire
  - Eruptive fire
  - Fire channelling (vorticity-driven lateral spread)
  - Conflagrations
  - Downbursts
  - Pyroconvective events.
3. Drivers of deep flaming
4. Extreme bushfire events
5. Physical requirements of terrain, fuel load (and windspeed) for deep flaming.

### 3 ASSESSMENT SUMMARY

The assessment summary is presented in three parts:

Section 3.1 states the derived bushfire threat levels, and the exposure and vulnerability levels of each element at risk – as the factors from which the risk levels are derived.

Section 3.2 shows the type of risk level that is to be reported, states the derived risk levels and the tolerability of that risk - for each exposed element and each identified area of bushfire prone vegetation.

Section 3.3 presents a summary of the bushfire protection measures that can be applied and are currently implemented or are recommended to be implemented. The operational document in which the measures should be identified is noted.

#### 3.1 THE ASSESSED THREAT, EXPOSURE AND VULNERABILITY LEVELS ESTABLISHING THE RISK LEVEL

Table 3.1: The assessed threat levels of the bushfire hazard.

ASSESSED HAZARD THREAT LEVELS <sup>1</sup>		
Bushfire Prone Vegetation Onsite and Offsite	Relative Threat Level <sup>2</sup>	
	Inherent	Residual
All bushfire prone vegetation within the subject lots, and within 150m of the proposed development. All vegetation within the Lot is considered onsite vegetation and vegetation beyond the Lot boundary is considered off site.	Moderate	Low
All bushfire prone vegetation within the broader locality (10km radius) including along access routes.	Low	

<sup>1</sup> Refer to Section 6 for detailed assessment information.  
<sup>2</sup> Refer to Appendix 2 for explanatory information.

Table 3.2: The assessed exposure and vulnerability levels for each exposed element to the stated area of bushfire prone vegetation.

ASSESSED EXPOSURE AND VULNERABILITY LEVELS OF IDENTIFIED ELEMENTS AT RISK <sup>1</sup>				
Vegetation Area / Location	All bushfire prone vegetation within 100m from the Merredin Battery site.			
Elements At Risk <sup>2</sup>	Relative Exposure Level <sup>3</sup>		Relative Vulnerability Level <sup>3</sup>	
Description	Inherent	Residual	Inherent	Residual
Persons located onsite and temporarily offsite	Moderate		Moderate	Low
Persons on access/egress routes (in vehicles) or pathways	High		Moderate	
Buildings/Structures - NCC Classes 1-10	Moderate	Low	Moderate	Very Low
Fixed (hard) infrastructure assets – Merredin Battery (BESS units and associated infrastructure)	Moderate	Very Low	Moderate	Low

<sup>1</sup> Refer to Sections 7 and 8 for detailed assessment information.  
<sup>2</sup> Refer to their identification in Section 5.  
<sup>3</sup> Refer to Appendix 2 for explanatory information.

## 3.2 THE ASSESSED RISK LEVEL ASSOCIATED WITH A BUSHFIRE EVENT AND ITS TOLERABILITY

Table 3.3: Identifying the 'type' of risk level being assessed and reported in this report.

THE TYPE OF RISK LEVEL DERIVED FROM THE ASSESSMENT <sup>1</sup>			
Indicative Risk		Determined Risk	
Inherent	Residual	Inherent	Residual
✓	✓	☐	☐

<sup>1</sup> Refer to Section 2, Appendix 2 and the glossary for explanatory information (inherent/residual corresponds to the level that available protection measures have been considered in the assessment with 'residual' including recommended measures).

Table 3.4: The tolerability of the assessed risk levels for each exposed element and corresponding to the identified areas of bushfire prone vegetation.

THE ASSESSED BUSHFIRE RISK LEVEL AND TOLERABILITY <sup>2</sup>					
<b>Vegetation Area / Location</b>	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.				
<b>Elements At Risk <sup>1</sup></b>	<b>Indicative Risk Level <sup>2</sup></b>		<b>Inherent Risk Tolerability (ALARP) <sup>3</sup></b>	<b>Residual Risk Tolerability (ALARP) <sup>3</sup></b>	<b>Adjusted Residual Risk Tolerability (ALARP) <sup>4</sup></b>
<b>Description</b>	<b>Inherent</b>	<b>Residual</b>			
Persons located onsite and temporarily offsite	<b>M7</b>	<b>L5</b>	Tolerable but NOT ALARP	Acceptable	N/A
Buildings/Structures - NCC Classes 1-10	<b>M7</b>	<b>VL3</b>	Tolerable but NOT ALARP	Acceptable	N/A
Fixed (hard) infrastructure assets – Merredin Battery (BESS units and associated infrastructure)	<b>M7</b>	<b>VL3</b>	Tolerable but NOT ALARP	Acceptable	N/A
<b>Vegetation Area / Location</b>	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.				
<b>Elements At Risk <sup>1</sup></b>	<b>Indicative Risk Level <sup>2</sup></b>		<b>Inherent Risk Tolerability (ALARP) <sup>3</sup></b>	<b>Residual Risk Tolerability (ALARP) <sup>3</sup></b>	<b>Adjusted Residual Risk Tolerability (ALARP) <sup>4</sup></b>
<b>Description</b>	<b>Inherent</b>	<b>Residual</b>			
Persons on access/egress routes in vehicles	<b>M7</b>		Acceptable as IS ALARP	Acceptable	Acceptable
Supporting Comments:					
The inherent risk tolerability is considered to be TOLERABLE, however it is 'reasonably practical' for the inherent risk level of 'MODERATE' to be lowered with the application of the assessed available and recommended bushfire protection measures.					
The residual risk tolerability is considered to be ACCEPTABLE because it is assessed as not being 'reasonably practical' for the residual risk level of 'LOW' or 'VERY LOW' to be further lowered by the application any additional bushfire protection measures.					
Measures are not available to reduce the indicative inherent risk to persons on access routes. This results in an Acceptable tolerability as it is subject to the ALARP principle. The tolerability is adjusted through Section 3.3 below.					
<sup>1</sup> Refer to their identification in Section 5.					

<sup>2</sup> Refer to Section 2, Appendix 2 and the glossary for explanatory information (inherent/residual corresponds to the level that available protection measures have been considered in the assessment with 'residual' including recommended measures).

<sup>3</sup> Refer to Appendix 3 for information supporting the application of the tolerance scale.

<sup>4</sup> Refer to Section 3.2.1 for adjustment justification when applicable.

### 3.3 ADJUSTMENT OF RESIDUAL RISK TOLERABILITY

Development/use scenarios can exist where a higher level of residual risk might be considered as tolerable or acceptable. Such a situation may exist when the exposed element is not persons and the economic cost due to the loss or damage of assets and/or disruption of services, is a risk that is retained by the owners as an informed decision. Consideration of the knock-on risk implications to persons who might be associated with these elements, or other nearby elements at risk, will be part of the tolerability adjustment assessment.

There may also be isolated scenarios where the limits for tolerability of risk need to be established at lower residual risk levels i.e. an additional margin of safety is required. The rationale for any residual risk tolerance adjustment is presented below.

ELEMENTS AT RISK SUBJECT TO ADJUSTMENT OF RISK TOLERANCE	
Element At Risk [Section 5.2]	Adjustment Rationale
Persons on access/egress routes in vehicles	<p>The site is intended to be unstaffed. It is unlikely that persons will be present during a bushfire emergency for evacuation to be necessary.</p> <p>Any visitors, contractors, or staff onsite will be accessing temporarily for maintenance, inspections etc and will have vehicles immediately available. The emergency procedure is to evacuate on identification of a bushfire and this has been established as a requirement of site induction.</p>



### 3.4 INFORMATIVE MECHANISMS – RECOMMENDED ACTIONS

#### 3.4.1 ADDITIONAL BUSHFIRE PROTECTION MEASURES - RECOMMENDED BY BUSHFIRE CONSULTANT

##### 3.4.1.1 THREAT REDUCING MEASURES - BUSHFIRE HAZARD

BUSHFIRE HAZARD THREAT REDUCTION			
RECOMMENDED ADDITIONAL BUSHFIRE PROTECTION MEASURES			
The Protection Mechanism	Ref No	Brief Description <sup>1</sup>	Recommendation Details
Prevent Bushfire ignition and/or severity by managing the fuels	1.4	Remove onsite bushfire fuel	A BAL-29 APZ is required for planning approval. A 10kW/m <sup>2</sup> APZ is additionally required so BESS units and infrastructure (electrical components) are unlikely to be compromised due to radiant heat during a bushfire. There is no native vegetation on site, therefore permission by the decision maker and local government is not required.
	1.7	Reduce onsite consequential fire fine fuels:	It is required that all fine fuels are removed or maintained below 2t/ha within the APZ.
Prevent bushfire ignition by managing heat energy sources	1.10	Operational procedures - fire safe principles	Operating procedures have not yet been prepared. No ongoing works are proposed which could ignite a bushfire, except during an accident or component failure. It is advised that any hot/hazardous works are not undertaken during a Total Fire Ban or on a day with a Fire Danger Rating of Extreme or Catastrophic or under a Local Govt imposed Harvest, Vehicle movement and hot works ban.
Prevent bushfire ignition by managing the interactions of heat energy sources and fuels	1.16	Shielding of ignition sources	BESS units and associated infrastructure are comprised of metal exterior. Electrical cabling to and from the BESS units and associated infrastructure are underground, and any exposed cables can be shielded by non-combustible material.
	1.17	Separation of ignition sources	Fire within the facility (infrastructure, batteries or stored equipment) ignited by site operation/accident/failure may ignite vegetation. The 10kW/m <sup>2</sup> APZ to be applied around the infrastructure is considered appropriate in reducing the risk of igniting a bushfire. The removal of consequential fire hazards within the APZ minimises the potential for spread of fire beyond the asset.
<sup>1</sup> The full description of each bushfire protection measure and the detail of the assessment is presented in Section 6.1.			

### 3.4.1.2 EXPOSURE REDUCING MEASURES – ALL STRUCTURES AND ASSETS

ALL STRUCTURES AND ASSETS EXPOSURE REDUCTION RECOMMENDED ADDITIONAL BUSHFIRE PROTECTION MEASURES			
The Protection Mechanism	Ref No	Brief Description <sup>1</sup>	Recommendation Details
Establish sufficient separation from relevant bushfire hazard threats	4.1, 6.1	Siting of buildings / structures / campsites considering potential high wind exposure	<p>An APZ is to be established around electrical components and infrastructure. This APZ will ensure exposure to the bushfire hazard threat of radiant heat will be limited to a maximum radiant heat flux of 10 kW/m<sup>2</sup> (calculated with an assumed flame temperature of 1090K) by providing the required separation distances from the bushfire hazard. The 10m portion of the APZ immediately around BESS infrastructure must be entirely and permanently non-vegetated (sealed, compacted limestone, gravel, mineral earth etc).</p> <p>A BAL-29 APZ is required for all Class 1-10 buildings onsite. It is possible to locate the buildings within the 10kW/m<sup>2</sup> APZ applied to BESS infrastructure such that additional vegetation clearing is not required.</p>
	4.7, 6.7	Separation from stored and constructed combustible items (consequential fire fuels)	All non-structural combustible materials are to be removed within 10m of assets. This includes but is not limited to; waste, leaf litter, machinery, grasses, vehicles, fuel, furniture, and timber. When storage of flammable items or materials are stored on site temporarily (for maintenance etc), separation distances must be complied with. This requirement is to be included in the Site Operating Procedures document.
Establish shielding from relevant bushfire hazard threats	4.9 6.9	Constructed barrier – shielding from consequential fire	Ensure all subfloor spaces are sealed or enclosed with non-combustible solid material or ember screening mesh (corrosion-resistant steel, bronze, or aluminium with an aperture <2mm).
	6.12	Shield operation critical non-structural elements	<p>Exposed electrical cabling to be shielded from radiant heat and consequential fire by burying underground or shielding with non-combustible material – common electrical cabling reaches its critical point at &gt;10kWm<sup>2</sup>.</p> <p>Exposed plumbing (poly pipe) is to be buried or shielded with non-combustible material – maximum exposure 120 degrees Celsius.</p>
<sup>1</sup> The full description of each bushfire protection measure, the detail of the assessment and any recommendation, is presented in Section 7.3.1. and Section 7.4.1.			

### 3.4.1.3 VULNERABILITY REDUCING MEASURES - PERSONS

#### PERSONS VULNERABILITY REDUCTION RECOMMENDED ADDITIONAL BUSHFIRE PROTECTION MEASURES

The Protection Mechanism	Ref No	Brief Description <sup>1</sup>	Recommendation Details
Provision of bushfire emergency information and education	7.5	Bushfire Protection Measures to be Implemented are Published in the Relevant Operational Documents:	The site Emergency Management Plan (document title pending), is to include responses to bushfire emergencies. The immediately procedure is to evacuate in the appropriate direction away from the fire, and inform DFES Comcen of the status of the BESS facility.
Onsite persons capable of managing a bushfire emergency	7.11	Onsite persons available to manage bushfire emergency procedures	The development is proposed to be unstaffed. It is recommended that the staff member managing emergency procedures has training in general bushfire emergency procedures, and has specific knowledge of the site procedures in response to bushfire. This staff member should be easily contactable.
Onsite persons capable of managing a bushfire emergency are available	7.14	External emergency response services available	It is recommended that the Merredin Volunteer Fire and Rescue Service are to be invited to inspect and familiarise with the site. Provide information in site fire response procedures. This invitation may be annual or ad-hoc.

<sup>1</sup> The full description of each bushfire protection measure, the detail of the assessment and any recommendation, is presented in Section 8.1.1 & 8.2.1.

### 3.4.1.4 VULNERABILITY REDUCING MEASURES – STRUCTURES AND ASSETS

STRUCTURES AND ASSETS VULNERABILITY REDUCTION			
RECOMMENDED ADDITIONAL BUSHFIRE PROTECTION MEASURES			
The Protection Mechanism	Ref No	Brief Description <sup>1</sup>	Recommendation Details
Construction design and materials	9.3	Construction materials for external and internal cavity building elements	The construction of proposed structures is currently unknown. They will likely be primarily masonry, steel, aluminium and cement sheeting. It is recommended non-combustible elements are included where practical.
	11.7	Construction materials – non-structural essential elements	Use non-combustible or products with high heat ratings to assist with maintaining their operability.
	9.7, 11.7	Construction of electricity supply	Exposed electrical cabling to be shielded from radiant heat and consequential fire by burying underground or shielding with non-combustible material – common electrical cabling reaches its critical point at >10kWm <sup>2</sup> . Exposed plumbing (poly pipe) is to be buried or shielded with non-combustible material – maximum exposure 120 degrees Celsius.
	11.8	Minimise re-entrant detail to minimise debris and ember accumulation	Where the electrical cabling contacts the ground or any arrangement of associated structures creates a 'pocket' for accumulation of debris, this should be rectified by design or filling with non-combustible material such as mineral earth. Consideration should be given to making the arrangement self-cleaning through wind action to the greatest extent possible. These measures will reduce accumulation and/or make the management (clearing) of accumulated debris easier. E.g. cable raking to be $\geq 100$ mm above ground.
	9.11, 11.11	Minimise construction cavities to minimise debris and ember accumulation	Ensure all subfloor spaces are sealed or enclosed with non-combustible solid material or ember screening mesh (corrosion-resistant steel, bronze, or aluminium with an aperture <2mm).
	9.13	Screen and seal gaps and penetrations	All Class 1-10 buildings (including non-habitable structures) must have ember screening/sealants installed on any gaps and penetrations. It is recommended that ember screens are installed to BESS units and all other cabinets over intake/exhaust vents and other gaps to the interior cavity or accessing any combustible elements. Ember screening mesh is corrosion-resistant steel, bronze, or aluminium with an aperture <2mm.
	11.13	Screen and seal gaps and penetrations	The manufacturer or appropriate engineers should be contacted to enquire if it is possible to apply ember screening to intake/exhaust vents and other paths of entry to the interior cavity or accessing any combustible elements of BESS

**STRUCTURES AND ASSETS VULNERABILITY REDUCTION**  
**RECOMMENDED ADDITIONAL BUSHFIRE PROTECTION MEASURES**

The Protection Mechanism	Ref No	Brief Description <sup>1</sup>	Recommendation Details
			<p>cabinets. This ember screening would be applicable to the exterior of the battery cabinet, not internal components. The intention is to prevent both ember ingress and debris accumulation.</p> <p>Ember screening mesh is corrosion-resistant steel, bronze, or aluminium with an aperture &lt;2mm.</p>
	9.16, 11.16	Landscaping construction - fences and walls:	Any security fences or other potential fuel loads should be constructed using non-combustible material.
Availability of a firefighting response capability	9.17, 11.17	Firefighting water supply	<p>The following requirements apply to the firefighting water supply. The specifications will be confirmed at the detailed design stage.</p> <p><u>Access</u></p> <ul style="list-style-type: none"> <li>• Firefighting water access points (hydrants, hard suction, or drafting) must be clearly identifiable, visible from internal roads, and unobstructed.</li> <li>• The water tank(s) must be located at the vehicle access point to the development (northern entry gate).</li> <li>• An all-weather hardstand turnaround area meeting the requirements of the Guidelines for Planning in Bushfire Prone Areas v1.4 (Explanatory Note E3.3) must be provided within 4 metres of both the static water storage tank(s) and any independent hard suction points (hydrants).</li> <li>• Site Operating Procedures must include that access routes must be unobstructed at all times.</li> </ul> <p><u>Siting</u></p> <ul style="list-style-type: none"> <li>• The water tank(s) must be positioned &gt;10m from BESS cabinets and associated infrastructure.</li> <li>• The water tank(s) should apply a BAL-29 APZ at a minimum. It is possible to locate the tank within the 10kW/m<sup>2</sup> APZ applied to BESS infrastructure such that additional vegetation clearing is not required.</li> </ul> <p><u>Construction</u></p> <ul style="list-style-type: none"> <li>• The static firefighting water supply must be calculated per AS 2419. Based on the submitted layout the required supply will be 288,000L. This water supply is intended to address bushfire and non-bushfire emergencies.</li> <li>• The static water storage tank(s) must be an above-ground water tank constructed of concrete or steel.</li> <li>• An external water level indicator must be installed on static water storage tank(s) and be visible from internal roads and the adjoining turnaround area.</li> <li>• Signage indicating 'FIRE WATER' and the tank capacity must be fixed to each tank.</li> </ul>

**STRUCTURES AND ASSETS VULNERABILITY REDUCTION**  
**RECOMMENDED ADDITIONAL BUSHFIRE PROTECTION MEASURES**

The Protection Mechanism	Ref No	Brief Description <sup>1</sup>	Recommendation Details
			<ul style="list-style-type: none"> <li>The hard-suction point must be protected from mechanical damage (eg. bollards) where vehicle contact is possible.</li> <li>Couplings at hard suction points are required to be 125mm Storz fittings (<i>Guidelines v1.4 s2.2.2.1</i>). DFES Built Environment and the Merredin Volunteer Fire and Rescue Service should be contacted for input on appropriate couplings and adaptors.</li> </ul>
	11.19	Firefighting equipment passively operated	<p>The BESS units have active monitoring and electrical fault safety devices which ensure the units only remain operational within their intended operating environment, with an automated shut-down system.</p> <p>It is recommended that automatic fire suppression systems are installed and maintained, as appropriate to the BESS details and recommended by the manufacturer.</p>
	11.20	Firefighting equipment operability maintained	Operating and maintenance procedures are to be developed to ensure regular maintenance of firefighting supply and infrastructure.

<sup>1</sup> The full description of each bushfire protection measure, the detail of the assessment and any recommendation, is presented in Sections 8.3.1 & 8.4.1.

## 4 IDENTIFICATION OF THE ELEMENTS AT RISK

Elements at risk are those exposed to the bushfire hazard threats identified in Section 5. This section establishes the generic list of possible elements at risk and identifies the exposed elements of the subject development/use.

Table 4.1: Identification of the elements at risk for which this risk assessment and management report is produced.

THE ELEMENTS AT RISK (THE EXPOSED ELEMENTS)	
Type Description	Identification of Relevant Elements
<b>Persons located onsite:</b> as part of site operations or visitors) and <b>Persons temporarily offsite as part of site operations:</b> (e.g. tourism day trips)	✓
<b>Persons on Access/Egress Routes (in Vehicles):</b> i.e., roads, driveways, access ways	✓
<b>Buildings - NCC Class 1 &amp; 2:</b> residential - of a domestic nature	
<b>Buildings - NCC Class 3:</b> residential – of long term or transient nature, for unrelated people	
<b>Buildings – NCC Class 5:</b> offices for professional or commercial purposes	
<b>Buildings – NCC Class 6:</b> shops selling retail goods or services to the public	
<b>Buildings – NCC Class 7:</b> warehouses & carparks - storage – wholesale goods / vehicles	
<b>Buildings – NCC Class 8:</b> factory / workshop / laboratory - in which a process is carried out	
<b>Buildings – NCC Class 9:</b> health care / residential care / assembly	
<b>Buildings or Structures – NCC Class 10:</b> non-habitable – shed / carport / garage / fence / retaining wall etc.	✓
<b>Non-Building Accommodation:</b> caravans / camper trailers / tents etc	
<b>Fixed (Hard) Infrastructure Assets:</b> telecommunications / power generation / transport / water supply / waste management	✓
<b>Livestock/Animals:</b> as part of commercial or private operations (saleyards / events / wildlife sanctuaries).	

Table 4.2: Description of the elements at risk that are subject to assessment for the proposed/existing development and/or use.

ELEMENT AT RISK DETAIL FOR THE SUBJECT DEVELOPMENT/USE	
Elements At Risk	Element Description
Persons located onsite and temporarily offsite	The site is not expected to have permanent staffing. Regular visitation by staff will complete monitoring, cleaning and general maintenance of the Project. Major maintenance that might be required would include replacement of equipment which may include battery modules, inverters, switchgear, transformers, or other infrastructure as needed. This would involve larger numbers of personnel for limited periods as required.
Persons on access/egress routes in vehicles	Staff and/or emergency services accessing to / egressing from the facility.
Buildings/Structures - NCC Classes 1-10	The facility is expected to include maintenance and storage sheds, which may contain valuable/combustible assets. These have been assessed Class 10a buildings.

Fixed (hard) infrastructure assets	BESS developments include battery cabinets, inverters, power skid transformers, and transformers.
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## 5 IDENTIFICATION OF THE BUSHFIRE HAZARD

### ONSITE AND OFFSITE VEGETATION – RATIONALE FOR SEPARATE IDENTIFICATION

The approach adopted in this report is to separately identify onsite and offsite bushfire prone vegetation when the distinction exists, and it is necessary.

#### Onsite Vegetation

This is considered to be vegetation that exists on a given lot or lots or a large area of land that can be considered a tenement (e.g. a mining tenement) and for which the owner or occupier has certain rights to conduct activities upon. The 'onsite' land is the subject site on which the existing or proposed development and/or use is to be conducted.

The existence of these rights makes it more likely that an authority will exist to make and maintain any required changes to the extent and the composition of any bushfire prone vegetation that exists 'onsite'. The only constraint will be any environmental conditions established by relevant authorities.

#### Offsite Vegetation

This is considered to be vegetation that exists external to what can be considered 'onsite'. For these lands the owner/operator does not normally have any authority to modify or manage this bushfire prone vegetation to reduce threats and maintain that reduction in perpetuity. Rather, the authority for modifying and managing 'offsite' vegetation resides with a third party such as another landowner or a government authority.

#### Implications for Risk Assessment and Implementation of Relevant Protection Measures

- It is likely to be near certain that a greater number of relevant bushfire protection measures can be established on land identified as 'onsite' compared to land that is identified as 'offsite'.
- A responsibility can be established for owners and/or operators of onsite land to ensure the ongoing maintenance of those protection measures.
- In comparison, management of offsite vegetation requires the establishment of enforceable vegetation management agreements if any reduction in threat level is to be achieved and accounted for in the threat level assessment. These can be problematic to establish.

The required assessment of the broader landscape's influence on bushfire hazard threat levels will most likely be considering vegetation and terrain that is external to the subject development/use site and therefore needs to be separately identified.

For the proposal (BESS Merredin), the risk assessment will consider the hazard posed by bushfire prone vegetation at two scales:

- The vegetation within the subject lots and within 150m of the proposed development area, which presents the direct bushfire hazard (including following AS3959 BAL Methodology); and
- The vegetation within the broader locality, nominally to a 10km radius. This vegetation impacts access routes, the severity of potential landscape-scale fires impacting the immediate (150m) surrounds, and may impact the site with medium to long range ember attack and smoke.

## 5.1 ONSITE/LOCAL BUSHFIRE PRONE VEGETATION










Map I.D. / Area No. / Location		All bushfire prone vegetation within the subject lots, and within 150m of the proposed development. Refer to Figure 5.1.	
Classification or Exclusion Clause		Class G Grassland	Effective Slope (deg)
			Upslope or flat 0 Downslope >0-5
Types Identified	Sown pasture G-26      Open herbfield G-27		
Description & Classification Justification	The vegetation onsite and the surrounding areas is predominantly open herbfield (crop land) or sown pastures with very small areas mainly onsite that are native grasses and saltbush.		
Post Development Assumptions:	APZs will be established as described in the BMP, to limit radiant heat flux exposure to BESS assets to a maximum 10kW/m <sup>2</sup> .		
			
Herbfield/cultivated pasture		Herbfield/cultivated pasture	
			
Native grass and saltbush		Heavy timber (Salmon gum)	

Figure 5.1



### Classified Vegetation & Topography (Existing)

Lot 5 on Plan D067824, Area : 61.5116ha  
Robertson Road  
MERREDIN  
SHIRE OF MERREDIN

----- LEGEND -----

-  Lot 5
-  Battery Development Extent
-  Proposed Infrastructure
-  150m Assessment Area
-  Photo & Direction

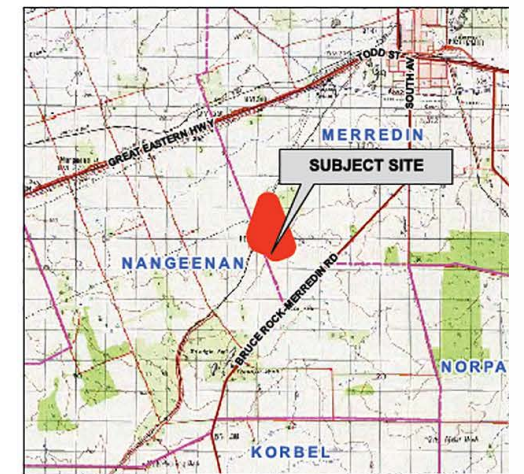
Classified Vegetation

-  Class G - Grassland
-  Exclusion 2.2.3.2



Metres

----- LOCALITY -----



AERIAL IMAGERY: Landgate/SLIP



Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metr  
 Map by: Elissa Edward 01-11-202  
 SCALF (A31) 1:200



Disclaimer and Limitation: This map has been prepared for bushfire management planning purposes only. All depicted areas, contours and any dimensions shown are subject to survey. Bushfire Prone Planning does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.

## 5.2 OFFSITE/REGIONAL BUSHFIRE PRONE VEGETATION

Map I.D. / Area No. / Location	All bushfire prone vegetation within the broader locality (10km radius) including along access routes. Refer to Figure 5.2.		
Classification or Exclusion Clause	Class G Grassland	Effective Slope (deg)	Flat 0 Downslope >0-5
	Class B Woodland		
	Class E Mallee		
Types Identified	Open herbfield G-27	Low woodland B-07	Tall shrubland E-15
Description & Classification Justification	<p>The vegetation onsite is largely grassland with small, fragmented sections of scrubland and or mallee. Some adjoining sections are relatively "closed" scrub with some Mallee and/or Salmon gum scattered and would not be considered to increase the threat.</p> <p>The proposed site is surrounded by open fields and the existing solar farm and associated infrastructure.</p> <p>The area is gently undulating and all areas are either upslope or 0-5 degrees downslope relative to development locations.</p>		

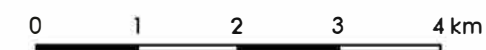
Figure 5.2

### Location Map

Lot 5 on Plan D067824, Area : 61.5116ha  
 Robertson Road  
 MERREDIN  
 SHIRE OF MERREDIN

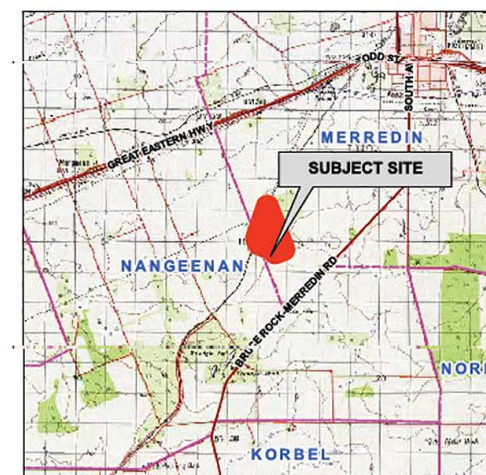
----- LEGEND -----

- Lot 5
  - Battery Development Extent
  - Reserves
- DFES Stations**
- Bush Fire Brigade
  - State Emergency Service Unit
  - Volunteer Fire & Rescue Service
- DBCAs Legislated Lands and Waters**
- Conservation Park
  - Nature Reserve



Kilometres

----- LOCALITY -----



AERIAL IMAGERY: Landgate/SLIP



Coordinate System: GDA 1994 MGA Zone 5  
 Projection: Universal Transverse Mercator Units: Metr  
 Map by: Elissa Edward 25-10-202  
 SCALE (A3): 1 : 7500



Disclaimer and Limitation: This map has been prepared for bushfire management planning purposes only. All depicted areas, contours and any dimensions shown are subject to survey. Bushfire Prone Planning does not guarantee that this map is without flaw of any kind and disclaims all liability for any errors, loss or other consequence which may arise from relying on any information depicted.

### 5.3 THE BROADER LANDSCAPE/ENVIRONMENT AND ITS POTENTIAL TO INTENSIFY FIRE BEHAVIOUR

More recent research into bushfire propagation has highlighted the role of environmental factors that are responsible for dynamic bushfire propagation and subsequent extreme fire development. Dynamic fire propagation arises from complex interactions between the terrain, the atmosphere and the fire. The intensified fire behaviour of an extreme bushfire event will significantly increase the threat levels generated by the bushfire attack mechanisms. Refer to Appendix 5 for an explanation of dynamic fire behaviours (DFBs) and their involvement in extreme bushfire events.

Consequently, in assessing the bushfire hazard threat levels to which the at risk elements could be exposed, the potential for dynamic bushfire propagation and subsequent development of extreme bushfire events within the broader landscape surrounding a subject site, must be assessed. The results of this assessment are incorporated into the assessed bushfire hazard threat levels for each attack mechanism in Section 5.5.

Table 5.1: Broader landscape assessment – the potential for extreme fire events to increase threat levels.

ASSESSING THE POTENTIAL FOR AN EXTREME BUSHFIRE EVENT TO DEVELOP AND INCREASE THE LEVEL OF THREATS IMPACTING THE SUBJECT SITE			
Relevant Physical Factors <sup>1</sup>	Factor Existence in Surrounding Landscape	Potential to Increase Bushfire Threat Levels	Assessment Comments
Physical factors more typically associated with conflagrations that are more likely to exist as large surface based bushfire events			
Large continuous areas of bushfire prone vegetation	Insignificant / Unlikely to Occur	Low	The proposed site is located in an area surrounded predominantly by open cleared pasture farm land that is managed by grazing and crops, canola and stubble to the south, west and north and the nature reserve 500 metres to the north. The reserve is predominately mulga and other acacia species, mallee and less than 10% trees.  The reserve vegetation has the potential to produce short distance embers and firebrands, up to 700 metres (based on Mike Scott's experience). Ember attack will be minimal. There is minor scrub with <10% larger mallee and salmon gum timber which are scattered. Mostly surrounded by grasses and crop residues.
Heavier fuel loads	Insignificant / Unlikely to Occur		Areas on road verge and small pockets of remanent vegetation have heavier fuel loads (<20t/ha), however the surrounding vegetation, pasture and crop supports approximately 4.5t/ha, and scrub approximately <(1.6t/ha).
Fuel types (bark) that produce significant quantities of embers / firebrands (spotting) and can be long lasting;	Possible to Occur		The reserve vegetation has coarse tight bark and when the bark sheds from some acacias, there is potential to produce short distance embers and firebrands, up to 700 metres (based on Mike Scott's experience).

**ASSESSING THE POTENTIAL FOR AN EXTREME BUSHFIRE EVENT TO DEVELOP AND INCREASE THE LEVEL OF THREATS IMPACTING THE SUBJECT SITE**

Relevant Physical Factors <sup>1</sup>	Factor Existence in Surrounding Landscape	Potential to Increase Bushfire Threat Levels	Assessment Comments
Sufficient area of land and vegetation to support multiple fires of scale	Possible to Occur		Significant threat being the risk of fast moving grass fires of large scale due to crop/pasture and native grasses on unmanaged land.
Terrain that can facilitate development of topographically modified winds (e.g. scarp or foehn-like)	Does Not Exist		
Strong synoptic winds (i.e., not fire driven)	Possible to Occur		The landscape is relatively flat. Strong easterly winds are common during the summer.
Physical factors with identified links to deep flaming and the development of pyroconvective, coupled atmosphere, bushfire events			
Terrain slopes of approximately 24° or greater - or some degrees lower with greater wind speeds (increases potential for eruptive fire).	Does Not Exist	Low	The local topography is flat with minor undulation.
Rugged terrain with local relief in the order of at least 300m (increases potential for eruptive fire).	Does Not Exist		
Terrain with leeward slopes >20-25 degrees (increases potential for vorticity-driven lateral spread)	Does Not Exist		
Wind speed in excess of approximately 20 km/hr (increases potential for vorticity-driven lateral spread)	Likely to Occur		The wheat belt area will experience seasonal winds that could easily sustain wind speeds greater than 20 km/hr during summer.
Fuel moisture content around 5% or less (associated with vorticity-driven lateral spread)	Likely to Occur		Less than 5% moisture in any fuels will potentially increase the rate of spread.
Sufficiently sized areas (scale) of bushfire prone vegetation to potentially support deep flaming and supply the required quasi-instantaneous energy release.	Does Not Exist		Deep flaming will not be supported in the grass fuels and flat terrain.
Atmospheric instability to create opportunity for atmospheric coupling and violent pyroconvection.	Possible to Occur		It will be assumed, as a minimum, that at most locations, the potential for vertical movement of air without any resistance to that movement (e.g. temperature inversions) can always exist. That is, it is not sufficiently risk averse to assume that atmospheric instability will never exist – different temperature air masses can always interact as a consequence of the passage of different weather systems at any location.

**ASSESSING THE POTENTIAL FOR AN EXTREME BUSHFIRE EVENT TO DEVELOP AND INCREASE THE LEVEL OF THREATS IMPACTING THE SUBJECT SITE**

Relevant Physical Factors <sup>1</sup>	Factor Existence in Surrounding Landscape	Potential to Increase Bushfire Threat Levels	Assessment Comments
<sup>1</sup> These are physical terrain / environment factors that are either required for certain dynamic fire behaviours or will enhance the potential for and the development of an extreme bushfire event.			



## 5.4 ASSESSMENT OF VEGETATION CHARACTERISTICS DRIVING BUSHFIRE ATTACK MECHANISM THREAT LEVELS

This qualitative assessment derives the **base threat levels** of identified areas of bushfire prone vegetation by accounting for:

1. Fuel types, arrangement and quantities; and
2. The existence of relevant characteristics within the broader landscape that have the potential to intensify bushfire behaviour and increase threat levels.

Note: This assessment does not account for the existence or potential application of threat reducing protection measures or the level of exposure and vulnerability of elements at risk. These are accounted for in subsequent steps of the risk assessment process that results in the derivation of inherent and/or residual risk levels.

Table 5.2: The assessed potential for bushfire attack mechanisms originating from vegetation to adversely impact exposed elements.

CHARACTERISTICS ASSESSMENT OF THE BUSHFIRE PRONE VEGETATION AND ITS POTENTIAL TO IMPACT <sup>1</sup> ELEMENTS AT RISK – THE BASE THREAT LEVEL		
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.	
Identified Characteristics that will Contribute to the Severity of the Attack Mechanism and Consequent Base Threat Level to All Elements at Risk		Base Threat Level (the relative potential for adverse impact on exposed elements)
Direct Bushfire Attack Mechanisms		
<p><b>Ember Attack:</b> This threat level is strongly correlated with the existence of bark fuels.</p> <p>The varied typical rates of spread and residence time for flame fronts in different vegetation types is also incorporated into the threat level assessment (these impact on time available to make decisions and time exposed to threats).</p>	<p>Ember Attack can result from both immediate and regional vegetation. Other attack mechanisms below have not considered vegetation within the broader locality.</p> <p>Within the subject lot: The grass type fuels are finer fuels and will produce very little, short distance small embers with short lives. The majority of these embers will be consumed as part of the flame front which will have a residence time (the flaming phase at a point on the ground) typically less than 10 seconds. Consequently these embers present a limited threat to the BESS units and associated infrastructure, and any accumulated debris. The longer distance woodland fuels present a limited threat due to their distance from the site, the impacting grassfire being unlikely to dislodge firebrands, and the bark types of the local mallee and salmon gum.</p>	Very Low

CHARACTERISTICS ASSESSMENT OF THE BUSHFIRE PRONE VEGETATION AND ITS POTENTIAL TO IMPACT <sup>1</sup> ELEMENTS AT RISK – THE BASE THREAT LEVEL

Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.	
<p><b>Radiant Heat Attack:</b> This threat level is a function of fuel characteristics (size, shape, quantity, type, arrangement and moisture content) and the landscape and weather factors that can intensify fire behaviour.</p> <p>Larger flame sizes and higher temperatures produce higher levels of heat.</p> <p>The varied typical rates of spread and residence time for flame fronts in different vegetation types is also incorporated into the threat level assessment (these impact on time available to make decisions and time exposed to threats).</p>	<p>Fine fuel loads for the grassland (pasture) vegetation ranges from 2-4 t/ha, with 2 t/ha being more common due to livestock grazing. The location being in the eastern wheatbelt and considered marginal rainfall the grassland vegetation is unlikely to reach the levels near or above 2t/ha</p> <p>The modelled solid portion flame lengths for the identified grassland vegetation type, on land ranging from flat to 0-5 degrees downslope, are up to 7m to 9m. These are shorter to medium flame lengths.</p> <p>The potential impact of the radiant heat transfer is going to be moderated by the short residence time (the flaming phase at a point on the ground) for the flame front. For much of the identified grassland vegetation types, the residence time will typically be less than 10 seconds. The residual radiant heat after the passage of the fire front will be low.</p> <p>There are no areas of woodlands of concern that would have potential to impact the site or facilities/infrastructure in the event of a bush fire.</p>	<p>Low</p>
<p><b>Bushfire Flame Attack:</b> This threat level is a function of potential flame lengths which are significantly influenced by fine fuel loads and the slope of the land on which the fire is burning.</p> <p>The varied typical rates of spread and residence time for flame fronts in different vegetation types is also incorporated into the threat level assessment (these impact on time available to make decisions and time exposed to threats).</p>	<p>Fine fuel loads for the identified grassland and scrub vegetation types range from 2 – 4.5 t/ha with the lower quantities typically associated with grazed grassland complex. These are low to moderate fine fuel loads.</p> <p>The modelled solid portion flame lengths for the identified grassland types, on land ranging from flat to 0-5 degrees downslope, are up to 7m and 9m. These are shorter to medium flame lengths. The modelled flame lengths for woodland in the same range are 12m to 16m. The setbacks from the grassland vegetation types due to both siting and APZ dimensions provided within the BMP are more than double these flame lengths (&lt;9m length vs &gt;20m setback).</p>	<p>Low</p>
<p><b>Surface Fire Attack:</b> This threat level is a function of the existence of intermittent surface fuels surrounding and leading up to exposed elements.</p>	<p>Grassland does not accumulate significant surface fuels/debris. All vegetation areas have sufficient setback that this hazard is negligible.</p>	<p>Low</p>
<p>Indirect Bushfire Attack Mechanisms</p>		

CHARACTERISTICS ASSESSMENT OF THE BUSHFIRE PRONE VEGETATION AND ITS POTENTIAL TO IMPACT <sup>1</sup> ELEMENTS AT RISK – THE BASE THREAT LEVEL

<b>Vegetation Area / Location</b>	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.	
<b>Debris Accumulation:</b> This threat level is a function of having a source of vegetative debris, its extent and proximity to exposed elements.	There will be limited debris accumulation due to predominantly grassland vegetation. Some debris will exist within treed areas.	Low
<b>Consequential Fire:</b> This threat level is a function of the existence of accumulated debris (fine fuels) and stored or constructed combustible / flammable items that exist either as part of the site use or operations or are adjoining/adjacent buildings/structures (heavy fuels).	The potential for debris accumulation has been assessed. There will be no stored combustible/flammable materials adjacent to the element at risk (the BESS and supporting infrastructure). There are no other structures that could become a consequential fire, excepting those to which the same bushfire protection measures will be applied (APZs, ember screening etc).	Very Low
<b>Fire Driven Wind:</b> This threat level is correlated with the potential for development of extreme bushfire events (refer to Appendix 5).		N/A
<b>Tree Strike and Obstruction:</b> This threat level is a function of the existence of trees, their proximity to exposed elements and an exposed element that can subsequently be vulnerable to other bushfire attack mechanisms due to damage or obstruction.	The proposed location of the facility is relatively clear, but some trees will exist within 50m. The element may be considered at risk where the setback from the tree is <1.5x the mature height of that tree.	N/A
<sup>1</sup> Refer to glossary.		

## 5.5 THE MODELLED BUSHFIRE - POTENTIAL RADIANT HEAT TRANSFER AND FLAME LENGTH

For the identified vegetation the modelled (design) fire will apply the most applicable fire behaviour and radiant heat models in determining the level of threat presented by the flame contact and radiant heat direct attack mechanisms of fire.

These models will be either those applied to Bushfire Attack Level (BAL) determination within AS 3959:2018 or other models as identified and justified in this report. The information in this section states the levels of radiant heat transfer at the stated distances from the element at risk in either BAL ratings or kW/m<sup>2</sup> (and flame lengths as relevant).

This information is considered in assessing threat levels in Section 5. Refer to Appendix 7 for additional information.

Table 5.3 Vegetation separation distances corresponding to radiant heat transfer levels.

THE CALCULATED VEGETATION SEPARATION DISTANCES CORRESPONDING TO THE STATED LEVEL OF RADIANT HEAT <sup>1</sup>									
Vegetation Classification		Separation Distances Corresponding to Stated Level of Radiant Heat (metres)							
		Bushfire Attack Level						Maximum Radiant Heat Flux	
Area	Class	BAL-FZ	BAL-40	BAL-29	BAL-19	BAL12.5	BAL-LOW	10 kW/m <sup>2</sup>	2 kW/m <sup>2</sup>
1	(G) Grassland	<7	7-<9	9-<14	14-<20	20-<50	>50	21.8	-
2	(G) Grassland	<6	6-<8	8-<12	12-<17	17-<50	>50	21.2	-
3	(G) Grassland	<6	6-<8	8-<12	12-<17	17-<50	>50	21.2	-
4	Excluded cl 2.2.3.2(e)	-	-	-	-	-	-	-	-

<sup>1</sup> All calculation input variables are presented in Table 3.2. A copy of radiant heat calculator output for each area of classified vegetation are presented in Appendix A2.

## 6 BUSHFIRE HAZARD THREAT LEVELS ASSESSMENT

### SUMMARY OF THE QUALITATIVE ASSESSMENT PROCESS

1. Identify all protection measures (grouped by protection principle) that are available to reduce threat levels and rate their effectiveness;
2. Produce a numerical summary of all potential threat reducing protection measures that are available and determine their application status;
3. Assess the potential threat reducing impact of the package of protection measures that is able to be applied. The effectiveness rating weights the potential impact of an individual measure; and
1. Derive the threat level, for each identified area of bushfire prone vegetation, by accounting for:
  - The relevant characteristics of the vegetation as they influence the bushfire attack mechanisms and establish the base threat level;
  - The potential threat increasing influence of the broader landscape; and
  - The impact of the applied package of protection measures in reducing threat levels (refer to Section 2.3.3 and Appendix 2 for additional risk assessment process information).

### 6.1 PROTECTION MEASURES AVAILABLE TO REDUCE BUSHFIRE THREAT LEVELS AND THEIR APPLICATION STATUS

Table 6.1: For the stated area of vegetation, all available bushfire protection measures for preventing or reducing the potential for fire ignition and eliminating or reducing its threat levels.

PROTECTION MEASURES TO REDUCE BUSHFIRE THREAT LEVELS		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>Vegetation Area / Location</b>	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
<b>PROTECTION PRINCIPLE - PREVENT FIRE IGNITION AND/OR SEVERITY BY CONTROLLING THE FUEL:</b> Eliminate or reduce vegetation fuel loads, modify their properties (vegetation types and the arrangement of the fuels). Maintain the measures over time to eliminate bushfire or lower the severity of fire behaviours and the consequent threat levels. The measures may conflict with desired / regulated environmental conservation outcomes and this remains a potential limitation.						
1.1	<b>Remove Offsite Bushfire Fuel:</b> Remove fuel permanently by clearing bushfire prone vegetation when an authority exists.	Very High	N/A	N/A	N/A	N/A
1.2	<b>Reduce Offsite Bushfire Fuel:</b> Programmed hazard reduction burning when an authority exists to conduct and maintain (refer to Appendix 6 for additional information).	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: Vegetation types onsite would not respond to hazard reduction burning as minimal debris can accumulate, and burning will encourage weed growth, thereby increasing the hazard.</i>						

PROTECTION MEASURES TO REDUCE BUSHFIRE THREAT LEVELS		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
1.3	<b>Reduce Offsite Bushfire Fuel:</b> Mechanical fuel reduction to modify composition of vegetation types and/or the arrangement of fuels and maintain the modification over time e.g. reduce canopy, limit higher threat bark types, minimise 'ladder' fuels' - when an authority exists to conduct and maintain.	High	Yes	No	No	No
Informative and/or Site Specific Comment/Assessment: Mechanical fuel reduction (slashing/sprayed) will be required to maintain the offsite grassland to low threat.						
1.4	<b>Remove Onsite Bushfire Fuel:</b> Remove fuel permanently by clearing bushfire prone vegetation when approved.	Very High	Yes	No	Yes	Yes
Informative and/or Site Specific Comment/Assessment: A BAL-29 APZ is required for planning approval. A 10kW/m2 APZ is additionally required so BESS units and infrastructure (electrical components) are unlikely to be compromised due to radiant heat during a bushfire. There is no native vegetation on site, therefore permission by the decision maker and local government is not required.						
1.5	<b>Reduce Onsite Bushfire Fuel:</b> Programmed hazard reduction burning (refer to Appendix 6 for additional information).	Not Relevant	N/A	N/A	N/A	N/A
Informative and/or Site Specific Comment/Assessment: Vegetation (grassland) onsite would not respond to hazard reduction burning as minimal debris can accumulate and burning will encourage weed growth.						
1.6	<b>Reduce Onsite Bushfire Fuel:</b> Mechanical fuel reduction to modify composition of vegetation types and/or the arrangement of fuels and maintain the modification over time e.g. reduce canopy, limit higher threat bark types, minimise 'ladder' fuels' - when approved. Refer to the planned APZ.	Effective	Yes	No	Yes	Yes
Informative and/or Site Specific Comment/Assessment: The grassland will be slashed, sprayed or grazed.						
1.7	<b>Reduce Onsite Consequential Fire Fine Fuels:</b> Apply the specifications for an Asset Protection Zone (APZ) surrounding the exposed element(s) to ensure this area contains minimal consequential fire fuels and is maintained in a low threat state. The specifications are established in the Guidelines [22] within the <i>Explanatory Notes for Element 2 of the Bushfire Protection Criteria and Schedule 1: Standards for Asset Protection Zones</i> .	Effective	Yes	No	No	Yes
Informative and/or Site Specific Comment/Assessment: It is required that all fine fuels are removed or maintained below 2t/ha within the APZ. Land management plans and procedures are to be in place to ensure ongoing compliance by regular maintenance.						
1.8	<b>Reduce Road Verge Fuel:</b> Road verges of designated evacuation routes are subject to fuel load reduction, tree management and ongoing maintenance when an authority exists to conduct and maintain.	Not Relevant	N/A	N/A	N/A	N/A
1.9	<b>Greater Enforcement Applied to Compliance with the Local Government's Fire Break and Fuel Load Notice:</b> Inform the relevant landowners of the high level of enforcement that will be applied under the authority conferred through Section 33 of the Bush Fires Act 1954, including any amendments.	Effective	Yes	No	No	No

PROTECTION MEASURES TO REDUCE BUSHFIRE THREAT LEVELS		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<i>Informative and/or Site Specific Comment/Assessment: The bushfire protection measures within the BMP far exceed that of the Firebreak Notice and it is a condition of approval that the site must be compliant with the local government firebreak Notice.</i>						
<b>PROTECTION PRINCIPLE – PREVENT FIRE IGNITION BY CONTROLLING HEAT ENERGY SOURCES:</b> Fire prevention focussed on potential ignition sources from human actions and/or faulty or poorly designed equipment. Natural causes of ignition (lightning) cannot be controlled and are a limitation.						
1.10	<b>Operational Procedures:</b> Apply fire safe principles to site operation procedures including: <ul style="list-style-type: none"> <li>Eliminating or reducing the potential for open air creation of fire, embers or sparks; and</li> <li>Closing identified high risk operations when a bushfire event exists.</li> </ul> Ensure safe practices are carried out via appropriate guidelines, protocols, signage and education.	Moderate	Yes	No	No	Yes
<i>Informative and/or Site Specific Comment/Assessment: Operating procedures have not yet been prepared. No ongoing works are proposed which could ignite a bushfire, except during an accident or component failure. It is advised that any hot/hazardous works are not undertaken during a Total Fire Ban or on a day with a Fire Danger Rating of Extreme or Catastrophic or under a Local Govt imposed Harvest, Vehicle movement and hot works ban.</i>						
1.11	<b>Operational Procedures:</b> Ensure proper management of hazard reduction burning as an unintended ignition source.	Not Relevant	N/A	N/A	N/A	N/A
1.12	<b>Equipment Design:</b> Apply fire safe design principles to equipment, vehicles, and energy transmission etc. Design to control rate of energy release and eliminate/reduce potential for open air creation of fire, embers or sparks.	Moderate	Yes	No	Yes	No
<i>Informative and/or Site Specific Comment/Assessment: To be included in equipment design at purchase stage. All equipment must meet minimum national standards and standards associated with BESS requirements, and this is considered adequate.</i>						
1.13	<b>Legal Enforcement:</b> Impose restrictions on source of ignition operations by enforcing total fire bans.	Effective	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: Onsite activity capable of igniting a fire is controlled by the Standard Operating Procedures.</i>						
1.14	<b>Legal Enforcement:</b> Reduce arson events by monitoring / enforcement / penalties.	Moderate	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: Unlikely to have any impact given the scale of relevant vegetation and the population density of the region.</i>						
1.15	<b>Education:</b> Educate persons to reduce the occurrence of accidental ignitions in vegetation by persons and/or vehicles, particularly with regard to road reserves.	Moderate	Yes	No	No	No
<b>PROTECTION PRINCIPLE - PREVENT FIRE IGNITION BY CONTROLLING HEAT ENERGY SOURCE AND FUEL INTERACTIONS:</b> Fire prevention focussed on limiting potential ignition sources by preventing a source and a fuel being able to interact.						

PROTECTION MEASURES TO REDUCE BUSHFIRE THREAT LEVELS		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
1.16	<p><b>Shielding of Ignition Sources:</b> Utilise physical barriers (shielding) between bushfire fuels and heat energy sources such as electricity generation / transmission, fuel supplies, stored flammable products etc.</p> <p>Examples include appropriate walls, enclosures, and underground transmission of electricity or liquid/gas fuels.</p>	Moderate	Yes	No	Yes	Yes
<p><i>Informative and/or Site Specific Comment/Assessment:</i> BESS units and associated infrastructure are comprised of metal exterior. Electrical cabling to and from the BESS units and associated infrastructure are underground, and any exposed cables can be shielded by non-combustible material.</p>						
1.17	<p><b>Separation of Ignition Sources:</b> Establish sufficient separation distance between bushfire fuels and heat energy sources such as electricity generation / transmission, fuel supplies, stored flammable products etc.</p>	Effective	Yes	No	Yes	Yes
<p><i>Informative and/or Site Specific Comment/Assessment:</i></p> <p>Fire within the facility (infrastructure, batteries or stored equipment) ignited by site operation/accident/failure may ignite vegetation. The recommended 10kW/m<sup>2</sup> APZ to be applied around the infrastructure is considered appropriate in reducing the risk of igniting a bushfire. The likelihood of flame contact in such an event is negligible. Radiant heat flux in battery fires is relatively low, the Victorian Big Battery Fire (July 2021) required only a 20m exclusion zone for personnel. Note the 10kW/m<sup>2</sup> APZ proposed is also &gt;20m. The recommendations provided include the removal of consequential fire hazards within the APZ, and thus minimising the potential for spread of fire beyond the asset.</p>						
1.18	<p><b>Equipment Design:</b> Through design and materials, control heat energy transfer via conduction, convection and radiation of heat energy.</p>	Moderate	Yes	No	No	No
<p><i>Informative and/or Site Specific Comment/Assessment:</i></p> <p>The design of equipment is appropriate. Shielding cables will minimise flame length and help contain a fire.</p>						
<p><sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><sup>2</sup> <b>Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing 'inherent' risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> <li>• Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> </ul> </li> </ul>						



PROTECTION MEASURES TO REDUCE BUSHFIRE THREAT LEVELS	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> <ul style="list-style-type: none"> <li><b>Additionally Recommend:</b> Protection measures that:               <ul style="list-style-type: none"> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> </li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p>					

## 6.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 6.2: For the stated area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

BUSHFIRE THREAT REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Prevent Fire Ignition and/or Severity by Controlling the Fuel	Very High	1	1	-	1	-
	High	-	-	-	-	-
	Effective	3	3	-	1	2
	Moderate	-	-	-	-	-
	Not Relevant	5	-	-	-	-
Prevent Fire Ignition by Controlling Heat Energy (Ignition) Sources	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	1	1	-	-	-
	Moderate	4	3	-	1	1
	Not Relevant	1	-	-	-	-
Prevent Fire Ignition by Controlling Heat Energy Source and Fuel Interactions	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	-	-	-	-	-
	Moderate	3	3	-	2	2
	Not Relevant	-	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>
	<b>High</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Effective</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>1</b>	<b>2</b>
	<b>Moderate</b>	<b>7</b>	<b>6</b>	<b>-</b>	<b>3</b>	<b>3</b>
	<b>Not Relevant</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Totals</b>	<b>18</b>	<b>14</b>	<b>-</b>	<b>4</b>	<b>5</b>

<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining.

<sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.

### 6.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (THREAT REDUCTION)

Table 6.3: The potential impact of the applied protection measures in reducing threat levels in the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (THREAT REDUCTION)								
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Threat Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	Minimal	Medium	Significant	Significant	Minimal	Medium	Minimal	Medium
Existing, Planned and Recommended (applied to residual risk)	Medium				Minimal			
	Medium	Very Significant	Very Significant	Very Significant	Significant	Significant	Minimal	Medium
	Very Significant				Significant			
<sup>1</sup> Corresponds to the stage at which the risk level is to be reported i.e. inherent or residual (refer to Section 2.3.3) <sup>2</sup> Refer to Appendix 4 for explanatory information.								

#### Assessment Comments:

Ember attack will likely exist regardless of the APZ due to location of the native vegetation reserve to the NNE of the site.

'Existing and Planned' measures include the acceptable solutions to the Bushfire Protection Criteria, and therefore assumes the minimum BAL-29 APZ maintained to Schedule 1 of the *Guidelines*.

## 6.4 ASSESSED HAZARD THREAT LEVELS

Assessed as a function of the base threat levels of the bushfire hazard (refer to Section 5.5) and the number and effectiveness of protection measures that will be applied and their ability to reduce the base levels of threat from the identified areas of bushfire prone vegetation (Note: This assessment is independent of the exposure level and vulnerability level assessments).

Table 6.4: The assessed threat levels corresponding to the stated area of bushfire prone vegetation.

ASSESSED HAZARD THREAT LEVELS								
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Threat Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	Low	Very Low	Very Low	Low	Low	Very Low	Moderate	Very Low
	Moderate							
Existing, Planned and Recommended (applied to residual risk)	Very Low	Very Low	Very Low	Very Low	Low	Very Low	Moderate	Very Low
	Low							
Vegetation Area / Location	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.							
Existing and Planned (applied to inherent risk)	Very Low	Very Low	Very Low	Very Low	Very Low	Very Low	Low	Very Low
	Low							

<sup>1</sup> Corresponds to the stage at which the risk level is to be reported i.e. inherent or residual (refer to Section 2.3.3).  
<sup>2</sup> Refer to Appendix 2 for explanatory information.

### Assessment Comments:

As identified in Section 5.3, there are a number of protection measures that can be applied to reduce the potential bushfire threat levels presented by the bushfire prone vegetation.

The protection measures will ensure the threat levels generated by a bushfire via the direct and indirect bushfire attack mechanisms, will be reduced. This includes the proposed APZ (as described within the associated BMP) and shielding of exposed cables where possible/practical.

There is little aside from the regular removal of accumulated debris against relevant infrastructure and strict management of the APZ, that operations management can do post-construction and during operation. From a preparation as opposed to a response perspective, this will ensure the threat levels generated by a bushfire (via the direct and indirect bushfire attack mechanisms), will be reduced.

For bushfire prone vegetation within the broader locality, inherent risk only is applied as treatments are not available. The ratings are on the base hazard posed, not the exposure or vulnerability of assets to the hazard.

## 7 EXPOSURE LEVEL ASSESSMENT OF THE ELEMENTS AT RISK

### SUMMARY OF THE QUALITATIVE ASSESSMENT PROCESS

4. Identify all protection measures (grouped by protection principle) that are available to reduce exposure levels and rate their effectiveness;
5. Produce a numerical summary of all potential exposure reducing protection measures that are available and determine their application status;
6. Assess the potential exposure reducing impact of the package of protection measures that is able to be applied. The effectiveness rating weights the potential impact of an individual measure; and
7. Derive the exposure level of the identified element at risk, to the threats presented by each identified area of bushfire prone vegetation (refer to Section 2.3.3 and Appendix 2 for additional risk assessment process information).

### 7.1 PERSONS ONSITE OR TEMPORARILY OFFSITE

#### 7.1.1 PROTECTION MEASURES AVAILABLE TO REDUCE EXPOSURE LEVELS AND THEIR APPLICATION STATUS

Table 7.1: All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK: PERSONS LOCATED ONSITE AND TEMPORARILY OFFSITE</b>						
<b>PROTECTION PRINCIPLE – SEPARATION FROM THE HAZARD:</b> To ensure that the persons are located or re-located at a sufficient distance from the bushfire hazard to ensure the level of exposure to the threats, and the associated risk of persons death or injury, is contained within acceptable parameters.						
2.1	<b>Stay Away from the Subject Site:</b> In response to a pre-determined fire danger rating and/or total fire ban or set months of the year (bushfire season), prevent access to, occupancy or operation of the subject site (i.e. closure of use). The relevant conditions and the requirement to stay away will be established through a Bushfire Emergency Plan.	Very High	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: The site does not have regular staffing. Suitable egress and shelter locations are available so the measure is not necessary. Local Govt. imposed Harvest and Vehicle movement, hots works bans will also need to be considered.</i>						
2.2	<b>Stay Within the Subject Site – Remote Hazard:</b> For offsite tourism operations, all associated persons (staff, guests, visitors), in response to a pre-determined fire danger rating and/or total fire ban, will remain on-site as better communication and sheltering options exist on-site. The relevant conditions and the requirement to stay will be established through a Bushfire Emergency Plan.	Not Relevant	N/A	N/A	N/A	N/A

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
2.3	<b>Relocate Away from Remote Hazard - Safer Offsite Location Available:</b> For offsite tourism operations (where persons are to be moved offsite as part of operations e.g., tourism day trips), a suitable offsite alternative safer location(s) is identified as a destination should the subject site and/or the route back to the subject site, be impacted by a bushfire event. That is, two safer locations will exist.	Not Relevant	N/A	N/A	N/A	N/A
2.4	<b>Evacuate from the Subject Site: Safer Offsite Location(s) Available:</b> A building/area is accessible from the subject site as an evacuation destination. The offsite location exists at a sufficient distance away ensuring that the destination and the subject site are very unlikely to be simultaneously impacted by a bushfire event.	Moderate	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: The site does not have regular staffing. Any attending staff will have their own vehicle immediately available and will self-evacuate. There are multiple directions for evacuation to safer place by road.</i>						
2.5	<b>Relocate Within the Subject Site - Safer Onsite Area:</b> Provide an accessible area located in the open (i.e. not in an enclosed building), within the subject site and on which persons can assemble and that will not be subject to radiant heat flux in excess of 2 kW/m <sup>2</sup> (determined using a flame temperature of 1200 K). Consideration must also be given to potential exposure to embers, adverse weather, availability of water / facilities and the relative importance of these to the specific use proposal.	Moderate	Yes	No	Yes	No
<i>Informative and/or Site Specific Comment/Assessment: The site does not have regular staffing. No areas onsite will be subject to &lt;2kW/m2 radiant heat flux.</i>						
2.6	<b>Relocate Within the Subject Site – Pathway to Safer Onsite Area/Building:</b> To facilitate the lower risk movement, on foot, of persons and firefighters on the site, heavy fuels are excluded from areas adjacent to pathways used to access designated safer locations onsite. The required minimum separation distances are [13] [31]: <ul style="list-style-type: none"> <li>At least 4m from stored heavy fuels (refer to Appendix 4).</li> <li>At least 6m from stored and constructed large heavy fuels (refer to Appendix 4).</li> <li>At least 12m from constructed large heavy fuels that are buildings/structures other than the one being evacuated.</li> </ul> Additionally: <ul style="list-style-type: none"> <li>The pathway/route is constructed of non-combustible materials;</li> <li>No gas bottles are venting towards the pathway/route; and</li> <li>Shrubs are separated from the pathway/route corresponding to a distance to minimise the threats to persons on foot with consideration of their flammability and height.</li> </ul>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: No heavy fuels are stored onsite.</i>						

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
2.7	<b>Pre-emptively Relocate Away from the Subject Site:</b> In response to a pre-determined fire danger rating and/or total fire ban or other established conditions, all persons onsite will pre-emptively relocate offsite for the duration of the existence of the conditions. The relevant conditions and the requirement to pre-emptively relocate will be established through a Bushfire Emergency Plan.	Effective	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: The site does not have regular staffing. Suitable egress and shelter locations are available so the measure is not necessary. Local Govt. imposed Harvest and Vehicle movement, hots works bans will also need to be considered.</i>						
<b>PROTECTION PRINCIPLE – SHIELDING FROM THE HAZARD:</b> To utilise constructed or natural shielding to reduce the exposure of persons to the flame, radiant heat, and ember attack from bushfire and consequential fire.						
2.8	<b>On-site Shelter Building – Community Refuge:</b> For a 'vulnerable land use' (defined by SPP 3.7 [43]), provide a building which is constructed in accordance with the NCC and the ABCB Design and Construction of Community Bushfire Refuges – Information Handbook [20]. Note: preferred floor area per person is an increase from 0.75 m <sup>2</sup> to 1.0 m <sup>2</sup> (Guidelines v1.4) [22].	Not Relevant	N/A	N/A	N/A	N/A
2.9	<b>On-site Shelter Building – No Accommodation in the Site Use:</b> For a 'vulnerable land use' (defined by SPP 3.7 [43]), and for which accommodation is not part of the site use, provide a building that will not be subject to radiant heat flux in excess of 10 kW/m <sup>2</sup> (determined using AS 3959 BAL determination methodology [4] and applying a flame temperature of 1200 K) and constructed to the bushfire standard corresponding to the BAL-29 rating (to provide greater resistance to consequential fire).	Not Relevant	N/A	N/A	N/A	N/A
2.10	<b>On-site Shelter Building – Appropriate Threat Resilience:</b> For other than a 'vulnerable land use' (defined by SPP 3.7 [43]), provide a building that incorporates sufficient design and construction protection measures to reduce the building vulnerability to bushfire and consequential fire threats to an appropriate level (refer to the section of this report that identifies bushfire protection measures to reduce the vulnerability of buildings/structures). Alternatively, provide a building that will not be subject to radiant heat flux in excess of 10 kW/m <sup>2</sup> (determined using AS 3959 BAL determination methodology [4] and applying a flame temperature of 1200 K) and constructed to the bushfire standard corresponding to the BAL-29 rating (to provide greater resistance to consequential fire).	Effective	N/A	N/A	N/A	N/A
2.11	<b>On-site Shelter Structure – Class 10c:</b> Provide a private bushfire shelter (Class 10c building) constructed in accordance with the NCC and the <i>Performance Standard – The design and construction of private bushfire shelter (ABCB 2014)</i> . This is not a standalone measure but an additional measure as a last resort.	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: The site does not have regular staffing and no habitable structures are proposed.</i>						

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
2.12	<p><b>Constructed Barrier – Shield Persons in the Open:</b> Construct walls / fences / landforms as shielding structures that are not buildings, applying appropriate fire resistant / non-combustible construction materials (e.g. masonry, steel, earthworks). These are to withstand the impact of direct bushfire attack mechanisms for the required period of time and provide the required reduction in threat levels to persons in the open.</p> <p>Construction requirements will correspond, as a minimum, to the BAL-FZ requirements for walls as established by AS 3959:2018 [4] and/or the NASH Standard [33] and additionally informed by the research report 'Research and Investigation into the Performance of Residential Boundary Fencing Systems in Bushfires' [29].</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: The site does not have regular staffing and safe (early) evacuation will be the bushfire response.</i>						
2.13	<p><b>Natural Barrier – Shield Persons in the Open:</b> Utilise natural landforms that have the potential to shield persons from the bushfire and consequential fire threats.</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: No such landforms exist.</i>						
2.14	<p><b>Constructed/Natural Barrier – Shielding for Persons on Pathways to Safer Onsite Area/Building:</b> Where possible, alongside pathways to an on-site shelter building/area, utilise walls / fences / landforms as shielding structures constructed using fire resistant / non-combustible construction materials (e.g. masonry, steel, earthworks).</p> <p>These are to withstand the impact of direct bushfire attack mechanisms for the required period of time and provide the required reduction in threat levels to persons (including firefighters) traversing the pathway.</p> <p>Construction can be informed by the BAL-FZ requirements for walls as established by AS 3959:2018 [4] and/or the NASH Standard [33] and additionally informed by the research report 'Research and Investigation into the Performance of Residential Boundary Fencing Systems in Bushfires' [29].</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: No safer onsite location has been identified.</i>						
<p><sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><sup>2</sup> <b>Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing 'inherent' risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> </ul> </li> </ul>						



EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> <ul style="list-style-type: none"> <li><b>Additionally Recommend:</b> Protection measures that:           <ul style="list-style-type: none"> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> </li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p>					

## 7.1.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 7.2: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

EXPOSURE REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Persons located onsite and temporarily offsite					
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Separation from the Hazard	Very High	1	1	-	-	-
	High	-	-	-	-	-
	Effective	1	1	-	-	-
	Moderate	2	2	-	1	-
	Not Relevant	3	-	-	-	-
Shielding from the Hazard	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	-	-	-	-	-
	Moderate	-	-	-	-	-
	Not Relevant	7	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>High</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Effective</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Moderate</b>	<b>2</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>-</b>
	<b>Not Relevant</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Totals</b>	<b>14</b>	<b>4</b>	<b>-</b>	<b>1</b>	<b>-</b>

<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining.

<sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.

### 7.1.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (EXPOSURE REDUCTION)

Table 7.3: For the stated element at risk, The potential impact of the applied protection measures in reducing exposure levels to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (EXPOSURE REDUCTION)								
Element at Risk	Persons located onsite and temporarily offsite							
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accum.	Conseq. Fire	Fire Driven Wind	Tree Strike / Obstruct
Existing and Planned (applied to inherent risk)	Minimal	Medium	Significant	Medium	Minimal	Medium	Minimal	Medium
	Medium				Medium			
<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3 <sup>2</sup> Refer to Appendix 4 for explanatory information.								

### 7.1.4 ASSESSED EXPOSURE LEVELS

Assessed as a function of the capacity to apply sufficient exposure reducing protection measures, their individual effectiveness and their combined impact in reducing the exposure of the identified element at risk (Note: This assessment is independent of the threat level and vulnerability level assessments).

Table 7.4: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED EXPOSURE LEVELS	
Element at Risk	Persons located onsite and temporarily offsite
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	Relative Exposure Level <sup>2</sup>
Existing and Planned (applied to inherent risk)	Moderate
<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3 <sup>2</sup> Refer to Appendix 2 for explanatory information.	

**Assessment Comments:** A shelter building/location has not been identified or recommended as the site is unstaffed.

## 7.2 PERSONS ON ACCESS/EGRESS ROUTES IN VEHICLES

### 7.2.1 PROTECTION MEASURES AVAILABLE TO REDUCE EXPOSURE LEVELS AND THEIR APPLICATION STATUS

Table 7.5: All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK: PERSONS ON ACCESS/EGRESS ROUTES IN VEHICLES</b>						
<b>Access/Egress Route ID:</b>	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.					
<b>PROTECTION PRINCIPLE - SEPARATION FROM ALL BUSHFIRE THREATS:</b> To utilise distance away from all relevant bushfire hazard threats (direct and indirect attack mechanisms) while traversing an access/egress route in a vehicle to lower the exposure of persons to the threats for the expected time on the route.						
3.1	<b>Locating Routes Away from Adjacent Hazards:</b> Existing or to be installed vehicular access/egress route components (roads, access ways, and driveways) are positioned to maximise the distance away from any adjacent bushfire prone vegetation where possible.	Not Relevant	N/A	N/A	N/A	N/A
3.2	<b>Egress Routes Located to Ensure Driving Away from Hazard:</b> Existing or to be installed vehicular access/egress route components (roads, access ways, and driveways) are positioned so that the direction of egress is away from the hazard into lower threat areas.	Not Relevant	N/A	N/A	N/A	N/A
3.3	<b>Greater Road Width:</b> Wider roads will allow for a greater separation distance between traversing vehicles and the bushfire hazard. The incorporation of non-vegetated and trafficable road verges/shoulders and adjacent footpaths can also safely increase effective separation for slower moving vehicles.	Not Relevant	N/A	N/A	N/A	N/A
3.4	<b>Reduce and Maintain Road Verge Fuel to Low Threat State:</b> Road verges, or part off, have vegetation removed or reduced to a minimal fuel, low threat state annually to increase the separation distance from the bushfire hazard. This is practical when an authority exists to conduct the management and will have greater impact as a protection measure if there is certainty it will be carried out.	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: The measures are not under the control of the developer.</i>						
<b>PROTECTION PRINCIPLE - SHIELDING FROM ALL BUSHFIRE THREATS:</b> To utilise constructed or natural shielding to reduce the exposure of persons traversing the access/egress routes to the direct attack mechanisms of bushfire. To assist with ensuring the level of exposure to the threats is survivable for the expected time on the route while travelling in a vehicle.						

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
3.5	<p><b>Vehicle Type – Protection Level:</b> People can only tolerate low levels of radiant heat without some protection. Vehicles provide some protection from low intensity fires (if they stay on cleared area and remain in the vehicle) but they will not protect people in moderate to intense grass fires or in any location where scrub or forest adjoin the road.</p> <p>Protection provided by vehicles with predominantly metal bodies (including roof) and able to be enclosed (glass window), while limited is also still significant. It is particularly significant when compared to other potentially available modes of transport on roads (e.g. open top/backed vehicles, motorbikes, bicycles and being on foot).</p> <p>The availability such vehicles of required capacity can contribute to reduced exposure to the bushfire threats for persons on access/egress routes.</p>	Not Relevant	N/A	N/A	N/A	N/A
<p><i>Informative and/or Site Specific Comment/Assessment: Most evacuees vehicles will have an enclosed cabin, but it is unreasonable for this to be assumed, expected, or required.</i></p>						
3.6	<p><b>Shelter in Place Procedure:</b> In most situations, safe (early) evacuation is considered the emergency procedure which poses the least risk to occupants. In some situations, Shelter-in-place may be considered the safer procedure, particularly where:</p> <ul style="list-style-type: none"> <li>• The type or number of occupants makes evacuation time consuming or otherwise difficult;</li> <li>• The evacuation route(s) available are not suitable for the volume of evacuees;</li> <li>• The route(s) available have poor visibility, gradients, surface quality etc, or;</li> <li>• The routes(s) available are bounded by bushfire prone vegetation of an unacceptable hazard and/or extent.</li> </ul>	Very High	Yes	No	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: Two appropriate access/egress routes are available and any potential occupants (staff) will have local awareness and transportation available. The access/egress routes run through farm land and adjacent to the existing solar installation with Robartson Rd access/egress in a north direction towards the Great Eastern Highway and the town of Merredin, and south direction for approx. 750m before meeting the Bruce Rock – Merredin Rd in an east or west direction.</i></p> <p><i>Safe (early) evacuation is the primary procedure for occupants (staff) during bushfire emergencies. Shelter in place has not been established as a secondary procedure as a suitable open location or building is not available.</i></p>						
<p><b><sup>1</sup> Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><b><sup>2</sup> Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing 'inherent' risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> </ul> </li> </ul>						

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> <ul style="list-style-type: none"> <li><b>Additionally Recommend:</b> Protection measures that: <ul style="list-style-type: none"> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> </li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p>					

## 7.2.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 7.6: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

EXPOSURE REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Persons on access/egress routes in vehicles					
Access/Egress Route ID	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Separation from the Bushfire Hazard	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	-	-	-	-	-
	Moderate	-	-	-	-	-
	Not Relevant	4	-	-	-	-
Shielding from the Bushfire Hazard	Very High	1	1	-	-	-
	High	-	-	-	-	-
	Effective	-	-	-	-	-
	Moderate	-	-	-	-	-
	Not Relevant	1	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>High</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Effective</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Moderate</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Not Relevant</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Totals</b>	<b>6</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining. <sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.						

### 7.2.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (EXPOSURE REDUCTION)

Table 7.6: For the stated element at risk, The potential impact of the applied protection measures in reducing exposure levels to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (EXPOSURE REDUCTION)								
Element at Risk	Persons on access/egress routes in vehicles							
Access/Egress Route ID	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.							
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	Minimal	Minimal	Minimal	Medium	N/A	N/A	Medium	Minimal
	Minimal				Medium			

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 4 for explanatory information.

### 7.2.4 ASSESSED EXPOSURE LEVELS

Assessed as a function of the capacity to apply sufficient exposure reducing protection measures, their individual effectiveness and their combined impact in reducing the exposure of the identified element at risk (Note: This assessment is independent of the threat level and vulnerability level assessments).

Table 7.7: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED EXPOSURE LEVELS	
Element at Risk	Persons on access/egress routes in vehicles
Access/Egress Route ID	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	Relative Exposure Level <sup>2</sup>
Existing and Planned (applied to inherent risk)	High

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 2 for explanatory information.

**Assessment Comments:** The local and regional road network and its proximity to bushfire prone vegetation is not under the control of the landowner. No recommendations have been applied as the development is intended to be unstaffed.

Safe (early) evacuation is the primary procedure for any potential occupants (staff) during bushfire emergencies.

The access/egress routes run through farm land and adjacent to the existing solar installation with Robartson Rd access/egress in a north direction towards the Great Eastern Highway and the town of Merredin, and south direction for approx. 750m before meeting the Bruce Rock – Merredin Rd in an east or west direction.



## 7.3 BUILDINGS AND STRUCTURES NCC CLASSES 1-10

### 7.3.1 PROTECTION MEASURES AVAILABLE TO REDUCE EXPOSURE LEVELS AND THEIR APPLICATION STATUS

Table 7.8 All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK: BUILDINGS/STRUCTURES - NCC CLASSES 1-10</b>						
<b>PROTECTION PRINCIPLE – SEPARATION FROM ALL BUSHFIRE THREATS (SITING):</b> To locate (site) the buildings and attached/adjacent structures at distances away from the direct and indirect attack mechanisms of bushfire (the hazard threats) to reduce their exposure. The required distances will be dependent on the relative threat levels and the degree of bushfire resilience that is or is planned to be incorporated into the exposed elements through design and construction.						
4.1	<p><b>Asset Protection Zone (APZ):</b> Ensure an APZ can be established surrounding the exposed element(s) to create the required separation distance from the bushfire hazard and its threats (the direct and indirect attack mechanisms). This is to be an area containing minimal fire fuels and maintained in a low threat state. The <i>Explanatory Notes for Element 2 of the Bushfire Protection Criteria and Schedule 1: Standards for Asset Protection Zones</i> established in the Guidelines [22] provides the key requirements for establishing and maintaining an APZ.</p> <p>Additional requirements may exist within a relevant local governments firebreak notice, or the responsibilities established by an applicable Bushfire Management Plan (BMP).</p> <p>The required dimensions of the APZ will correspond to the maximum level of radiant heat the exposed element is to be exposed to – or a greater distance if it is stipulated by a different authority (e.g. firebreak notice of BMP). As a minimum avoid dimensions (separation distances) that correspond to BAL-FZ and BAL-40 ratings for any given site/vegetation combination of relevant the parameters (Note: this will also apply to BAL-29 separation distances if flame length modelling indicates potential contact due to specific site and effective slope configurations).</p> <p>The APZ should be contained solely within the boundaries of each lot, except in instances where the neighbouring lot(s) or adjacent public land will be managed in a low-fuel state on an ongoing basis, in perpetuity.</p> <p><b>Note that the APZ does not provide separation from the consequential fire attack mechanism. Separation from consequential fire fuels requires additional assessment and management.</b></p>	Effective	Yes	No	Yes	Yes
<i>Informative and/or Site Specific Comment/Assessment: A BAL-29 APZ can be established for all Class 1-10 buildings onsite. The BESS cabinets and associated infrastructure within the facility are required to establish a &lt;10kW/m2 APZ. This will result in a BAL-12.5 APZ being established around most (if not all) Class 1-10 buildings, exceeding the BAL-29 'Planning' APZ.</i>						
4.2	<b>Siting of Buildings/Structures - Wind:</b> Site the buildings and attached/adjacent structures in locations that have lower wind exposure. Avoid the top and sides of ridges which are especially vulnerable to fire driven winds as well as topographically	Not Relevant	N/A	N/A	N/A	N/A

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
	influenced winds. Winds can directly or indirectly (carrying materials/debris) cause damage to the external building envelope potentially allowing flame, radiant heat and ember entry.					
<i>Informative and/or Site Specific Comment/Assessment: Not possible as the local area has consistent topography.</i>						
4.3	<p><b>Use of Non-Vegetated Areas and/or Public Open Space:</b> Reduce exposure by increasing separation from APZ landscaping vegetation and/or the bushfire hazard by incorporating these lowest threat areas adjacent to buildings/structures and/or adjacent to the bushfire hazard.</p> <p>These lowest threat components of the APZ include non-vegetated areas (e.g. footpaths, paved areas, roads, parking, drainage, swimming pools), formally managed areas of vegetation (public open space and other recreation areas) and services installed in a common section of non-vegetated land. These elements create robust and easier managed asset protection zones.</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: There are few such areas existing or proposed.</i>						
4.4	<p><b>Landscaping - Tree Location:</b> Use separation to minimise the potential for debris accumulation and tree strike damage to the building envelop potentially allowing flame, radiant heat and ember entry to internal spaces.</p> <ul style="list-style-type: none"> <li>The buildings/structures are separated from trees (or trees from buildings) by a distance of at least 1.5 times the height of the tallest tree.</li> <li>Trees that produce significant quantities of debris (fine fuels) during the bushfire season should be located a sufficient distance away from vulnerable exposed elements to ensure debris cannot Drop and accumulate within at least 4m of buildings/structures or be likely to be relocated by wind to closer than 4m to buildings / structures.</li> <li>If the minimum distance cannot be achieved with an existing tree either remove the tree or at least ensure tree branches are sufficiently separated from buildings and attached/adjacent structures (at a minimum to not overhang) to ensure branches cannot fall onto or be blown onto the buildings/structures.</li> </ul>	Moderate	Yes	Yes	Yes	No
<i>Informative and/or Site Specific Comment/Assessment: Trees are not proposed within the APZ.</i>						
4.5	<p><b>Separation of Stored Flammable Products - Gas in Cylinders:</b> To reduce the potential for gas flaring or explosion (consequential fire), installation of LPG cylinders is to apply as a minimum, the principles and requirements established in AS 1596 and LP Gas cylinder safety in bushfire prone areas (Energy Safety – Govt. of WA).</p> <p>Otherwise, the required separation distance is 6m from any combustible materials.</p>	Not Relevant	N/A	N/A	N/A	N/A

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
	Heat from bushfire or consequential fire can be sufficient to cause cylinder pressure to reach critical levels and the pressure relief valve release large quantities of gas (flare). If the cylinder falls over the pressure relief valve may not function correctly, and the cylinder may rupture (explosion).					
<i>Informative and/or Site Specific Comment/Assessment: No gas storage will be on site.</i>						
4.6	<b>Separation from Stored Flammable Products – Fuels / Other Hazardous Materials:</b> Establish sufficient separation distance between the consequential fire fuels and buildings/structures. The required separation distance will be dependent on the fuel and storage type.	Moderate	Yes	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: The BESS units will be installed to manufacturers specification, including separation distances. Fuels and other hazardous material will not be stored on site.</i>						
4.7	<p><b>Separation from Stored and Constructed Combustible Items:</b> These consequential fire fuels include:</p> <ul style="list-style-type: none"> <li>• Stored Combustible Items - Heavy Fuels e.g. building materials, packaging materials, firewood, sporting/playground equipment, outdoor furniture, rubbish bins etc:</li> <li>• Stored Combustible Items – Large Heavy Fuels e.g. vehicles, caravans, boats and large quantities of dead vegetation materials stored as part of site use.</li> <li>• Constructed Combustible Items – Heavy Fuels e.g. landscaping structures including fences, screens, walls, plastic water tanks.</li> <li>• Constructed Combustible Items – Large Heavy Fuels e.g. adjacent buildings/structures including houses, sheds, garages, carports. (Note: If the adjacent structure is constructed to BAL-29 requirements or greater and can implement a significant number of additional bushfire protection measures associated with reducing exposure and vulnerability, these minimum separation distances could be reduced by 30%) [31].</li> </ul> <p>Apply the rule of thumb [13] “assume flames produced from a consequential fire source will be twice as high as the object itself ... where the consequential fire source is a structure, then the maximum eave height is a reasonable measure of maximum height”.</p> <p>Apply the following separation distances from the subject building/structure as a multiple of the height of the consequential fire source and dependent on the construction standard applied to the building/structure [13 and 31]:</p> <ul style="list-style-type: none"> <li>• At least six times the height when the building/structure construction incorporates design and materials that is only intended to resist low levels of radiant heat up to 12.5 kW/m<sup>2</sup>) and no flame contact;</li> </ul>	Moderate	Yes	No	No	Yes

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
	<ul style="list-style-type: none"> <li>Between 4 and 6 six times the height when the building/structure construction incorporates design and materials intended to resist radiant heat up to 29 kW/m<sup>2</sup> and no flame contact.</li> <li>Between 2 and 4 times the height when the building/structure construction incorporates design and materials intended to resist up to 40kW/m<sup>2</sup> and potential flame contact.</li> <li>Less than 2 times the height when the building/structure construction incorporates design and materials intended to resist extreme levels of radiant heat and flame contact.</li> <li>Zero separation distance is required if the building/structure is separated by a non-combustible FRL 60/60/60 rated wall or the potential consequential fire source is fully enclosed by the building/structure.</li> </ul>					
<i>Informative and/or Site Specific Comment/Assessment: When storage of flammable items or materials are stored on site temporarily (for maintenance etc), separation distances must be complied with.</i>						
<b>PROTECTION PRINCIPLE – SHIELDING FROM ALL BUSHFIRE THREATS:</b> To shield buildings and attached/adjacent structures (or other consequential fire fuels) from the direct bushfire attack mechanisms of flame, radiant heat, surface fire and surface migration of embers. To also reduce exposure to the indirect attack mechanism of debris accumulation against buildings/structures and other consequential fire fuels and wind attack.						
4.8	<p><b>Constructed Barrier – Shielding from Bushfire:</b> Walls, fences and/or landforms to shield the subject building/structure from direct and indirect bushfire attack mechanisms and reduce the potential impact of these threats to vulnerable exposed elements.</p> <p>Must be constructed using appropriate fire resistant / non-combustible construction materials (e.g. masonry, steel, earthworks). These are to withstand the impact of direct bushfire attack mechanisms for the required period of time.</p> <p>Apply the bushfire construction standards for external walls subject to the assessed level of radiant heat or flame contact to which the barrier will be exposed (or otherwise to BAL-FZ requirements). These are established by AS 3959:2018 [4] and/or the NASH Standard [33] and additionally informed by the research report 'Research and Investigation into the Performance of Residential Boundary Fencing Systems in Bushfires.' [29]</p>	High	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: The measure is not cost-effective or necessary where greater separation distance can be achieved.</i>						
4.9	<p><b>Constructed Barrier - Shielding from Consequential Fire:</b> Applicable to all consequential fire fuel sources. Install a non-combustible barrier (including complete enclosure when appropriate), of required robustness, that can perform the following as relevant:</p> <ul style="list-style-type: none"> <li>Reduce the exposure of the subject building/structure to the threats of consequential fire; and/or</li> <li>Reduce the exposure of the consequential fire fuels to the bushfire hazard.</li> </ul>	Moderate	Yes	No	No	Yes

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<i>Informative and/or Site Specific Comment/Assessment: Ensure all subfloor spaces are sealed or enclosed with non-combustible solid material or ember screening mesh (corrosion-resistant steel, bronze, or aluminium with an aperture &lt;2mm).</i>						
4.10	<b>Natural Barrier - Landforms:</b> Use existing natural landforms to reduce buildings/structures exposure to radiant heat, and lower wind speeds (prevailing synoptic and/or fire driven).	Not Relevant	N/A	N/A	N/A	N/A
4.11	<b>Planted Barrier - Vegetation Barrier:</b> Use appropriate hedges and trees strategically to reduce (to varying extents) buildings/structures exposure to radiant heat, to filter/trap embers and firebrands, and to lower wind speeds (prevailing synoptic and/or fire driven).	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: Sufficiently low radiant heat flux can be achieved through separation distance.</i>						
4.12	<b>Shield Non-Structural Essential Elements:</b> These are elements essential to the continued operation of the building/structure which are potentially exposed to fire attack mechanisms of both bushfire and consequential fire. They include cabling and plumbing associated with power / data transmission and water / fuel transport. When the use of fire rated materials to the degree necessary is not possible or practical, the application of non-combustible shielding can be applied to reduce exposure to the bushfire threats. Shielding includes underground installation.	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: The building(s) are unlikely to have external essential elements, other than those related to Merredin BESS operation (addressed as a Fixed (Hard) Infrastructure Asset).</i>						
<sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.						
<sup>2</sup> <b>Protection Measure Application Status:</b> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing 'inherent' risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that:               <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> <li>• Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> </ul> </li> </ul>						

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> <ul style="list-style-type: none"> <li><b>Additionally Recommend:</b> Protection measures that:               <ul style="list-style-type: none"> <li>Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> </li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p>					

### 7.3.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 7.9: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

EXPOSURE REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Buildings/Structures - NCC Classes 1-10					
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Separation from the Hazard	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	1	1	-	1	1
	Moderate	3	3	2	1	1
	Not Relevant	3	-	-	-	-
Shielding from the Hazard	Very High	-	-	-	-	-
	High	1	1	-	-	-
	Effective	-	-	-	-	-
	Moderate	1	1	-	-	1
	Not Relevant	3	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	-	-	-	-	-
	<b>High</b>	1	1	-	-	-
	<b>Effective</b>	1	1	-	1	1
	<b>Moderate</b>	4	4	2	-	2
	<b>Not Relevant</b>	6	-	-	-	-
	<b>Totals</b>	<b>12</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>3</b>

<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining.

<sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.

### 7.3.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (EXPOSURE REDUCTION)

Table 7.10: For the stated element at risk, The potential impact of the applied protection measures in reducing exposure levels to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (EXPOSURE REDUCTION)								
Element at Risk	Buildings/Structures - NCC Classes 1-10							
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accum.	Conseq. Fire	Fire Driven Wind	Tree Strike / Obstruct
Existing and Planned (applied to inherent risk)	Medium	Medium	Medium	Significant	Significant	Medium	Medium	Medium
	Medium				Medium			
Existing, Planned and Recommended (applied to residual risk)	Significant	Very Significant	Very Significant	Very Significant	Significant	Significant	Significant	Very Significant
	Very Significant				Significant			

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 4 for explanatory information.

**Assessment Comments:** The comparison considers the BAL-29 APZ required for planning approval, against the recommended setbacks and additional measures. Objects should be positioned away from relevant assets to reduce the capacity for consequential fire spread.

### 7.3.4 ASSESSED EXPOSURE LEVELS

Assessed as a function of the capacity to apply sufficient exposure reducing protection measures, their individual effectiveness and their combined impact in reducing the exposure of the identified element at risk (Note: This assessment is independent of the threat level and vulnerability level assessments).

Table 7.11: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED EXPOSURE LEVELS	
Element at Risk	Buildings/Structures - NCC Classes 1-10
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	Relative Exposure Level <sup>2</sup>
Existing and Planned (applied to inherent risk)	Moderate
Existing, Planned and Recommended (applied to residual risk)	Low

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 2 for explanatory information.



## 7.4 FIXED (HARD) INFRASTRUCTURE ASSETS

### 7.4.1 PROTECTION MEASURES AVAILABLE TO REDUCE EXPOSURE LEVELS AND THEIR APPLICATION STATUS

Table 7.12: All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK: FIXED (HARD) INFRASTRUCTURE ASSETS</b>						
<b>PROTECTION PRINCIPLE – SEPARATION FROM ALL BUSHFIRE THREATS (SITING):</b> To locate (site) the buildings and attached/adjacent structures at distances away from the direct and indirect attack mechanisms of bushfire (the hazard threats) to reduce their exposure. The required distances will be dependent on the relative threat levels and the degree of bushfire resilience that is or is planned to be incorporated into the exposed elements through design and construction.						
6.1	<p><b>Asset Protection Zone (APZ):</b> Ensure an APZ can be established surrounding the exposed element(s) to create the required separation distance from the bushfire hazard and its threats (the direct and relevant indirect attack mechanisms).</p> <p>This is to be an area containing minimal fire fuels and maintained in a low threat state. The <i>Explanatory Notes for Element 2 of the Bushfire Protection Criteria and Schedule 1: Standards for Asset Protection Zones</i> established in the Guidelines [22] provides the key requirements for establishing and maintaining an APZ.</p> <p>Additional requirements may exist within a relevant local governments firebreak notice, or the responsibilities established by an applicable Bushfire Management Plan (BMP).</p> <p>The required dimensions of the APZ will correspond to the maximum level of radiant heat the exposed element is to be exposed to – or a greater distance if it is stipulated by a different authority (e.g. firebreak notice or BMP). As a minimum avoid dimensions (separation distances) that correspond to BAL-FZ and BAL-40 ratings for any given site/vegetation combination of the relevant parameters. Note that this will also apply to BAL-29 separation distances if flame length modelling indicates potential contact due to specific site and effective slope configurations.</p> <p>The APZ should be contained solely within the boundaries of each lot, except in instances where the neighbouring lot(s) or adjacent public land will be managed in a low-fuel state on an ongoing basis, in perpetuity.</p> <p><b>Note that the APZ does not provide separation from the consequential fire attack mechanism. Separation from consequential fire fuels requires additional assessment and management.</b></p>	Effective	Yes	No	Yes	Yes
<p><i>Informative and/or Site Specific Comment/Assessment:</i> The required separation distance is a function of the relevant levels of the bushfire threats (attack mechanisms) presented by the vegetation and the relevant vulnerabilities of the identified elements at risk (the BESS System and associated infrastructure).</p>						

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<p>The relevant threats are the flame lengths and the potential for radiant heat transfer as determined from the design fire modelling for the vegetation types that have been identified.</p> <p>BESS technologies are continuing to develop and the critical heat flux thresholds of assets may vary slightly between engineering designs. The exterior and structural components of battery cabinets are non-combustible, generally being metal, fibrous cement, mineral wool etc. A battery cabinet is a sea container-sized with a series of battery racks installed. A single battery rack consists of battery cells (each cell connected into a module), and a control box with chiller. Power and computer cabling is associated within and between racks. These are the relevant components regarding potential for fire.</p> <ul style="list-style-type: none"> <li>The individual batteries have been found to be highly resistant to conductive heat. Applied temperatures exceeding 400 degrees Celsius destroyed, but did not ignite, running battery cells. See <i>UL 9540A Test Method for Evaluating Thermal Runaway Fire Propagation in Cell Energy Storage Systems, Third Edition</i> (UL LLC; 8 July 2020). Other trigger/failure conditions must be met for battery cells to ignite (mechanical rupture, flame contact, product failure etc).</li> <li>Control boxes are computers which will apply thermal throttling and thermal shutdown if internal temperatures exceed a determined threshold. Once a computer system is shut down in this scenario, the threshold is expected to be that of the cabling (below).</li> <li>Associated cabling (both power transmission and computer). Common electrical cabling reaches its critical point at &gt;12kW/m<sup>2</sup> (Kaczorek-Chrobak et al. 2007) [49]. Electrical cabling and components are expected to exceed this standard, being industrial and high capacity, however the 12kW threshold is adopted for the highest potential vulnerability.</li> </ul> <p><b>Recommendation:</b> An APZ is to be established around electrical components and infrastructure. This APZ will ensure exposure to the bushfire hazard threat of radiant heat will be limited to a maximum radiant heat flux of 10 kW/m<sup>2</sup> (calculated with an assumed flame temperature of 1090K) by providing the required separation distances from the bushfire hazard. The 10m portion of the APZ immediately around the assets must be entirely and permanently non-vegetated (sealed, compacted limestone, gravel, mineral earth etc).</p>						
6.2	<p><b>Siting of Buildings/Structures - Wind:</b> Site the buildings/structures/infrastructure in locations that have lower wind exposure. Avoid the top and sides of ridges which are especially vulnerable to fire driven winds as well as topographically influenced winds. Winds can directly or indirectly (carrying materials/debris) cause damage to the external building envelope potentially allowing flame, radiant heat and ember entry.</p>	Not Relevant	N/A	N/A	N/A	N/A
<p><i>Informative and/or Site Specific Comment/Assessment: Not possible as the proposed facility is extensive and the topography is consistent (flat to very gentle slope).</i></p>						
6.3	<p><b>Use of Non-Vegetated Areas and/or Public Open Space:</b> Reduce exposure by increasing separation from APZ landscaping vegetation and/or the bushfire hazard by incorporating these lowest threat areas adjacent to buildings/structures and/or adjacent to the bushfire hazard.</p> <p>These lowest threat components of the APZ include non-vegetated areas (e.g. footpaths, paved areas, roads, parking, drainage, swimming pools), formally managed areas of vegetation (public open space and other recreation areas) and services installed in a common section of non-vegetated land. These elements create robust and easier managed asset protection zones.</p>	Not Relevant	N/A	N/A	N/A	N/A
<p><i>Informative and/or Site Specific Comment/Assessment: There are no such areas existing or proposed.</i></p>						

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
6.4	<p><b>Landscaping - Tree Location:</b> Use separation to minimise the potential for debris accumulation and tree strike damage to the building envelop potentially allowing flame, radiant heat and ember entry to internal spaces.</p> <ul style="list-style-type: none"> <li>The buildings/structures are separated from trees (or trees from buildings) by a distance of at least 1.5 times the height of the tallest tree.</li> <li>Trees that produce significant quantities of debris (fine fuels) during the bushfire season should be located a sufficient distance away from vulnerable exposed elements to ensure debris cannot drop and accumulate within at least 4m of buildings/structures or be likely to be relocated by wind to closer than 4m to buildings / structures.</li> <li>If the minimum distances cannot be achieved with an existing tree either remove the tree or at least ensure tree branches are sufficiently separated from buildings and attached/adjacent structures (at a minimum to not overhang) to ensure branches cannot fall onto or be blown onto the buildings/structures.</li> </ul>	Moderate	Yes	Yes	Yes	No
<i>Informative and/or Site Specific Comment/Assessment: Trees are not proposed within the &lt;10kW/m2 APZ.</i>						
6.5	<p><b>Separation from Stored Flammable Products - Gas in Cylinders:</b> To reduce the potential for gas flaring or explosion (consequential fire), installation of LPG cylinders is to apply as a minimum, the principles and requirements established in AS 1596 and LP Gas cylinder safety in bushfire prone areas (Energy Safety – Govt. of WA).</p> <p>Otherwise, the required separation distance is 6m from any combustible materials.</p> <p>Heat from bushfire or consequential fire can be sufficient to cause cylinder pressure to reach critical levels and the pressure relief valve release large quantities of gas (flare). If the cylinder falls over the pressure relief valve may not function correctly, and the cylinder may rupture (explosion).</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: No gas storage will be on site.</i>						
6.6	<p><b>Separation from Stored Flammable Products – Fuels / Other Hazardous Materials:</b> Establish sufficient separation distance between the consequential fire fuels and buildings/structures. The required separation distance will be dependent on the fuel and storage type.</p>	Moderate	Yes	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: The BESS units will be installed to manufacturers specification, including separation distances. Fuels and other hazardous material will not be stored on site.</i>						
6.7	<p><b>Separation from Stored and Constructed Combustible Items:</b> These consequential fire fuels include:</p> <ul style="list-style-type: none"> <li>Stored Combustible Items - Heavy Fuels e.g. building materials, packaging materials, rubbish bins etc:</li> </ul>	Moderate	Yes	No	No	Yes

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>• Stored Combustible Items – Large Heavy Fuels e.g. vehicles, caravans and large quantities of dead vegetation materials stored as part of site use.</li> <li>• Constructed Combustible Items – Heavy Fuels e.g. landscaping structures including fences, screens, walls, plastic water tanks.</li> <li>• Constructed Combustible Items – Large Heavy Fuels e.g. adjacent buildings/structures including houses, sheds, garages, carports. (Note: If the adjacent structure is constructed to BAL-29 requirements or greater and can implement a significant number of additional bushfire protection measures associated with reducing exposure and vulnerability, these minimum separation distances could be reduced by 30%) [31].</li> </ul> <p>Apply the rule of thumb [13] “assume flames produced from a consequential fire source will be twice as high as the object itself ... where the consequential fire source is a structure, then the maximum eave height is a reasonable measure of maximum height”.</p> <p>Apply the following separation distances from the subject building/structure as a multiple of the height of the consequential fire source and dependent on the construction standard applied to the building/structure [13 and 31]:</p> <ul style="list-style-type: none"> <li>• At least six times the height when the building/structure construction incorporates design and materials that is only intended to resist low levels of radiant heat up to 12.5 kW/m<sup>2</sup>) and no flame contact;</li> <li>• Between 4 and 6 six times the height when the building/structure construction incorporates design and materials intended to resist radiant heat up to 29 kW/m<sup>2</sup> and no flame contact.</li> <li>• Between 2 and 4 times the height when the building/structure construction incorporates design and materials intended to resist up to 40kW/m<sup>2</sup> and potential flame contact.</li> <li>• Less than 2 times the height when the building/structure construction incorporates design and materials intended to resist extreme levels of radiant heat and flame contact.</li> <li>• Zero separation distance is required if the building/structure is separated by a non-combustible FRL 60/60/60 rated wall or the potential consequential fire source is fully enclosed by the building/structure.</li> </ul>					
<p><i>Informative and/or Site Specific Comment/Assessment: All non-structural combustible materials are to be removed within 10m of assets. This includes but is not limited to; waste, leaf litter, machinery, grasses, vehicles, fuel, furniture, and timber. When storage of flammable items or materials are stored on site temporarily (for maintenance etc), separation distances must be complied with. This requirement is to be included in the Site Operating Procedures document.</i></p>					
<p><b>PROTECTION PRINCIPLE – SHIELDING FROM ALL BUSHFIRE THREATS:</b> To shield buildings and attached/adjacent structures (or other consequential fire fuels) from the direct bushfire attack mechanisms of flame, radiant heat, surface fire and surface migration of embers. To also reduce exposure to the indirect attack mechanism of debris accumulation against buildings/structures and other consequential fire fuels and wind attack.</p>					

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
6.8	<p><b>Constructed Barrier – Shielding from Bushfire:</b> Walls, fences and/or landforms to shield the subject building/structure from direct and indirect bushfire attack mechanisms and reduce the potential impact of these threats to vulnerable exposed elements.</p> <p>Must be constructed using appropriate fire resistant / non-combustible construction materials (e.g. masonry, steel, earthworks). These are to withstand the impact of direct bushfire attack mechanisms for the required period of time.</p> <p>Apply the bushfire construction standards for external walls subject to the assessed level of radiant heat or flame contact to which the barrier will be exposed (or otherwise to BAL-FZ requirements). These are established by AS 3959:2018 [4] and/or the NASH Standard [33] and additionally informed by the research report 'Research and Investigation into the Performance of Residential Boundary Fencing Systems in Bushfires.' [29]</p>	High	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: The measure is not cost-effective or necessary where greater separation distance can be achieved.</i>						
6.9	<p><b>Constructed Barrier - Shielding from Consequential Fire:</b> Applicable to all consequential fire fuel sources. Install a non-combustible barrier (including complete enclosure when appropriate), of required robustness, that can perform the following as relevant:</p> <ul style="list-style-type: none"> <li>Reduce the exposure of the subject building/structure to the threats of consequential fire; and/or</li> <li>Reduce the exposure of the consequential fire fuels to the bushfire hazard.</li> </ul>	Moderate	Yes	No	No	Yes
<i>Informative and/or Site Specific Comment/Assessment: Ensure all subfloor spaces are sealed or enclosed with non-combustible solid material or ember screening mesh (corrosion-resistant steel, bronze, or aluminium with an aperture &lt;2mm).</i>						
6.10	<p><b>Natural Barrier - Landforms:</b> Use existing natural landforms to reduce buildings/structures exposure to radiant heat, and lower wind speeds (prevailing synoptic and/or fire driven).</p>	Not Relevant	N/A	N/A	N/A	N/A
6.11	<p><b>Natural Barrier – Vegetation:</b> Use appropriate hedges and trees strategically to reduce (to varying extents) buildings/structures exposure to radiant heat, to filter/trap embers and firebrands, and to lower wind speeds (prevailing synoptic and/or fire driven).</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: Sufficiently low radiant heat flux can be achieved through separation distance.</i>						
6.12	<p><b>Shield Non-Structural Essential Elements:</b> These are elements essential to the continued operation of the built asset which are potentially exposed to fire attack mechanisms of both bushfire and consequential fire. They include cabling and plumbing associated with power / data transmission and water / fuel transport.</p> <p>When the use of fire rated materials to the degree necessary is not possible or practical, the application of non-combustible shielding can be applied to reduce exposure to the threats. Shielding includes underground installation.</p>	Moderate	Yes	No	Partly	Yes

EXPOSURE REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<p><i>Informative and/or Site Specific Comment/Assessment: Exposed electrical cabling to be shielded from radiant heat and consequential fire by burying underground or shielding with non-combustible material – common electrical cabling reaches its critical point at &gt;10kWm2.</i></p> <p><i>Exposed plumbing (poly pipe) is to be buried or shielded with non-combustible material – maximum exposure 120 degrees Celsius.</i></p>					
<p><sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><sup>2</sup> <b>Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing 'inherent' risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> <li>• Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> </li> <li>• <b>Additionally Recommend:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>• Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p> </li> </ul>					

## 7.4.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 7.13: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

EXPOSURE REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Fixed (hard) infrastructure assets					
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Separation from the Hazard	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	1	1	-	1	1
	Moderate	3	3	2	1	1
	Not Relevant	3	-	-	-	-
Shielding from the Hazard	Very High	-	-	-	-	-
	High	1	1	-	-	-
	Effective	-	-	-	-	-
	Moderate	2	2	-	1	2
	Not Relevant	2	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	-	-	-	-	-
	<b>High</b>	1	1	-	-	-
	<b>Effective</b>	1	1	-	1	1
	<b>Moderate</b>	5	5	2	2	3
	<b>Not Relevant</b>	5	-	-	-	-
	<b>Totals</b>	<b>12</b>	<b>7</b>	<b>2</b>	<b>3</b>	<b>4</b>

<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining.

<sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.

### 7.4.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (EXPOSURE REDUCTION)

Table 7.14: For the stated element at risk, The potential impact of the applied protection measures in reducing exposure levels to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (EXPOSURE REDUCTION)								
Element at Risk	Fixed (hard) infrastructure assets							
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	Medium	Significant	Medium	Significant	Significant	Medium	Medium	Medium
	Medium				Medium			
Existing, Planned and Recommended (applied to residual risk)	Very Significant	Very Significant	Very Significant	Very Significant	Significant	Very Significant	Significant	Very Significant
	Very Significant				Significant			

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 4 for explanatory information.

**Assessment Comments:** The BAL-29 APZ required for planning approval limits potential exposure to bushfire impacts. However, the assessed vulnerability of the Merredin BESS (Section 8.4) necessitates a greatly reduced exposure.

### 7.4.4 ASSESSED EXPOSURE LEVELS

Assessed as a function of the capacity to apply sufficient exposure reducing protection measures, their individual effectiveness and their combined impact in reducing the exposure of the identified element at risk (Note: This assessment is independent of the threat level and vulnerability level assessments).

Table 7.15: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED EXPOSURE LEVELS	
Element at Risk	Fixed (hard) infrastructure assets
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.
Exposure Reducing Protection Measures Applied to Assessment <sup>1</sup>	Relative Exposure Level <sup>2</sup>
Existing and Planned (applied to inherent risk)	Moderate
Existing, Planned and Recommended (applied to residual risk)	Very Low

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 2 for explanatory information.

**Assessment Comments:** The applied APZ and additional restrictions on combustible materials greatly reduces relative exposure.



## 8 VULNERABILITY LEVEL ASSESSMENT OF THE ELEMENTS AT RISK

### SUMMARY OF THE QUALITATIVE ASSESSMENT PROCESS

1. Identify all protection measures (grouped by protection principle) that are available to reduce vulnerability levels and rate their effectiveness;
2. Produce a numerical summary of all potential vulnerability reducing protection measures that are available and determine their application status;
3. Assess the potential vulnerability reducing impact of the package of protection measures that is able to be applied. The effectiveness rating weights the potential impact of an individual measure; and
4. Derive the vulnerability level of the identified element at risk, to the threats presented by each identified area of bushfire prone vegetation (refer to Section 2.3.3 and Appendix 2 for additional risk assessment process information).

### 8.1 PERSONS ONSITE OR TEMPORARILY OFFSITE

#### 8.1.1 PROTECTION MEASURES AVAILABLE TO REDUCE VULNERABILITY LEVELS AND THEIR APPLICATION STATUS

Table 8.1: All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK: PERSONS LOCATED ONSITE AND TEMPORARILY OFFSITE</b>						
<b>PROTECTION PRINCIPLE – TRANSPORT AND MULTIPLE EVACUATION DESTINATIONS AND ROUTES AVAILABLE</b>						
7.1	<b>Sufficient Evacuation Transport Available:</b> Ensure that all persons likely to be on site have access to transport. This can be through own vehicles, facility vehicles, a formal arrangement with an external provider or a combination of these.	Effective	Yes	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: The location is relatively remote from settlements (no public transport). All visitors must necessarily have their own transport.</i>						
7.2	<b>Multiple Safer Offsite Locations Available:</b> Increasing the route and destination options decreases vulnerability of persons as the exposed element.  Multiple buildings/areas are accessible from the subject site as evacuation destinations. The offsite locations exist at a sufficient distance from the subject site ensuring that the destination and the subject site are very unlikely to be simultaneously impacted by a bushfire event.  For the most robust scenario:	Very High	No	Yes	No	No

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
	<ul style="list-style-type: none"> <li>Multiple access/egress route are available to the safer locations from the subject site;</li> <li>The entirety of at least two routes is unlikely to be simultaneously impacted by a bushfire event; and</li> <li>The availability of water and amenities corresponding to person numbers increases the effectiveness of the measure.</li> </ul>					
<i>Informative and/or Site Specific Comment/Assessment: Two-way access/egress is available. The access/egress routes run through farm land and adjacent to the existing solar installation with Robartson Rd access/egress in a north direction towards the Great Eastern Highway and the town of Merredin, and south direction for approx. 750m before meeting the Bruce Rock – Merredin Rd in an east or west direction. Safe (early) evacuation is the primary procedure for any occupants (staff) during bushfire emergencies.</i>						
<b>PROTECTION PRINCIPLE – PROVISION OF BUSHFIRE EMERGENCY INFORMATION AND EDUCATION</b>						
7.3	<p><b>Bushfire Emergency Plan:</b> Is produced and appropriately located within the site of the subject development/use. It is an operational document that details site specific preparation, response, recovery and review procedures.</p> <p>It is produced for use by the site owners, managers, operators and occupants (as relevant).</p>	Effective	Yes	No	No	No
7.4	<p><b>Bushfire Emergency Poster:</b> A poster is prominently displayed, for the attention of all persons onsite. It presents the key emergency contacts, information sources and response procedures in the event of a bushfire event.</p> <p>It has increased value attached to its display when there are no bushfire emergency trained persons onsite or no persons that are familiar with the site and local area.</p>	Moderate	Yes	No	No	No
7.5	<p><b>Bushfire Protection Measures to be Implemented are Published in the Relevant Operational Documents:</b> The relevant documents can include the Bushfire Management Plan (BMP), the Bushfire Emergency Plan (BEP), the Site Emergency Plan (as required to be developed by the operators of 'high risk' land uses), and any relevant documents associated with a projects design phase.</p> <p>The purpose of this measure is to ensure the application of relevant protection measures, that have been identified in this Bushfire Risk Assessment and Management Report, will be acted upon through responsibilities created by the operational documents.</p>	Effective	Yes	No	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: The development is proposed to be unstaffed. Visitors will be inducted staff/contractors familiar with emergency procedures and preparation/display of separate bushfire emergency procedures is not necessary. Additionally, evacuation (in the direction away from the bushfire) is the only bushfire response procedure.</i></p> <p><i>The site Emergency Management Plan (document title pending), is to include responses to bushfire emergencies. The immediately procedure is to evacuate in the appropriate direction away from the fire, and inform DFES Comcen of the status of the BESS facility.</i></p>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
7.6	<p><b>Prominent Display of Information Stating Safe Early Evacuation is the Primary Procedure:</b> For the subject development/use evacuation in the event of a bushfire within the locality has or is likely to be determined as the primary response procedure and that it must be conducted early. This option is available.</p> <p>The emphasis on early rather than a late evacuation is important. Analysis of past events identify that most people who die in bushfires are caught in the open, either in vehicles or on foot, because they have left their property too late. For evacuation to provide the safest response for occupants, it must be conducted early. Being on roads when a bushfire is close is a high risk action. Otherwise, sheltering-in-place is likely to provide greater protection to persons – particularly when a suitable onsite shelter place is identified.</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: Occupants will be site staff only, who will be aware of the emergency response procedure.</i>						
7.7	<p><b>Egress Pathway Signage:</b> Where pathways exist onsite for occupants to relocate to an identified safer onsite location, appropriate signage to guide unfamiliar persons can reduce their vulnerability.</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: Staff will be familiar with the site. The safer onsite location is obvious.</i>						
7.8	<p><b>Trained Personnel Onsite:</b> Operational persons (staff) are provided with bushfire emergency management training, aligned with the subject site's prepared Bushfire Emergency Plan (BEP). The intent also includes identifying the specific roles and persons to fill any required responsibilities that have determined through the BEP construction process.</p>	Moderate	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: The development is proposed to be unstaffed.</i>						
7.9	<p><b>Build Community Resilience Through Education:</b> When relevant to the type and scale of proposed development/use, the delivery of effective education programs can result in lowering the vulnerability of the community to a bushfire event, once the information has been acted upon and packages of protection measures put in place.</p> <p>Local government develops an ongoing program of innovative and leading edge community and landowner education that builds on the information presented within this Bushfire Risk Assessment and Management Report.</p> <p>Subsequent implementation of recommended/required protection measures can be encouraged through legislation, education, audits, enforcement and penalties as appropriate.</p> <p>Examples of such community education programs exist in various jurisdictions. The CSIRO (2020) Climate and Disaster Resilience Overview Report in 'Recommendation No. 5' [18] encourages collaboration with research agencies on the issue of building community resilience.</p>	Not Relevant	N/A	N/A	N/A	N/A
7.10	<p><b>Encourage 'Property Bushfire Resilience Assessments':</b> Local government to promote (and potentially incentivise) the conducting of these assessments and the implementation of any recommendations. These assessments address bushfire</p>	Not Relevant	N/A	N/A	N/A	N/A

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
	hazard threat levels and the level of exposure and vulnerability of buildings and persons. It identifies appropriate protection measures to increase bushfire resilience.					
<b>PROTECTION PRINCIPLE – A BUSHFIRE EMERGENCY FIREFIGHTING CAPABILITY EXISTS (RESPONSE)</b>						
7.11	<p><b>Personnel Onsite Can Manage Bushfire Emergency Procedures:</b> Different categories of persons can perform this role in different scenarios, with potentially varying levels of expertise and effectiveness. These include:</p> <ul style="list-style-type: none"> <li>Appropriately trained person(s) will be onsite at all times, or able to be onsite at short notice. They are trained in bushfire emergency procedures in general and have specific knowledge of site preparation, response and recovery procedures from the required Bushfire Emergency Plan), and the environment in which the development/use exists. This person(s) may have the official title of fire warden.</li> <li>An untrained person familiar with the local area will be onsite at all times. They have knowledge and instruction gained from the required Bushfire Emergency Plan for the subject development/use and will ensure the preparation, response and recovery procedures established by the required Bushfire Emergency Plan are conducted appropriately and provide emergency event guidance to any other persons onsite.</li> </ul>	Effective	Yes	No	No	Yes
<i>Informative and/or Site Specific Comment/Assessment: The development is proposed to be unstaffed. It is recommended that the staff member managing emergency procedures has training in general bushfire emergency procedures, and has specific knowledge of the site procedures in response to bushfire. This staff member should be easily contactable.</i>						
7.12	<p><b>Personnel Onsite Can Operate Firefighting Equipment:</b> Such person(s) is suitably capable of maintaining and operating any installed firefighting water supply and associated pumps, hoses/nozzles and sprinklers.</p>	Moderate	Yes	No	Yes	No
<i>Informative and/or Site Specific Comment/Assessment: Staff will receive basic instruction on operation of firefighting equipment and procedures for suppression or prevention of fire spread associated with BESS facilities.</i>						
7.13	<p><b>Locations of Vulnerable Persons are Registered:</b> Relevant department of local government and their emergency services maintains a register of the location of land uses that are likely to result in a number of 'vulnerable' persons residing onsite, so that their needs can be addressed as a priority in a bushfire emergency. The subject development/use would exist on that register.</p>	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: No vulnerable persons will be onsite.</i>						
7.14	<p><b>External Emergency Services Available:</b> An emergency service with a bushfire response capability is located within a realistic operational distance of the subject development/use. Bushfire services include volunteer bushfire brigades, volunteer fire and emergency services, DFES career fire and Rescue Service or Parks and Wildlife.</p>	Effective	No	Yes	No	Yes

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<p>Even if an emergency service response capability exists, effectiveness will be limited by number of resources and their availability likelihood at the crucial time.</p> <p><i>Bushfire Verification Method – Handbook s6.6 [14] states “During significant bushfires, there will be conflicting demands on fire brigade resources and reliance should not be placed on fire brigade intervention to protect a specific property.</i></p> <p><i>Prior to the 2009 Black Saturday fires, an early evacuation or stay and defend policy was in place and data from major fires indicated that the presence of occupants significantly increased the probability of house survival (refer Table 7.1).</i></p> <p><i>However, in response to the subsequent Royal Commission findings there is now a greater emphasis on early evacuation. Whilst this is expected to reduce fatalities by reducing the numbers of people at risk, a negative consequence will be an increase in property losses for buildings constructed to similar standards. It should therefore be assumed that there will be no fire brigade or occupant intervention with respect to protecting a specific property.”</i></p>						
<p><i>Informative and/or Site Specific Comment/Assessment: It is recommended that the Merredin Volunteer Fire and Rescue Service are to be invited to inspect and familiarise with the site. Provide information in site fire response procedures. This invitation may be annual or ad-hoc.</i></p>						
<p><sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><sup>2</sup> <b>Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing ‘inherent’ risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> <li>• Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the ‘Guidelines for planning in bushfire prone areas’, DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the ‘Guidelines for planning in bushfire prone areas’, DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing ‘inherent’ risk levels (refer to Glossary).</p> </li> <li>• <b>Additionally Recommend:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> </ul> </li> </ul>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p>					

### 8.1.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 8.2: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

VULNERABILITY REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Persons located onsite and temporarily offsite					
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Transport and Multiple evacuation destinations and routes available	Very High	1	-	1	-	-
	High	-	-	-	-	-
	Effective	1	1	1	-	-
	Moderate	-	-	-	-	-
	Not Relevant	-	-	-	-	-
Provision of bushfire emergency information and education	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	2	2	-	-	1
	Moderate	2	2	-	-	-
	Not Relevant	4	-	-	-	-
A bushfire emergency firefighting capability exists (response)	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	2	1	1	-	2
	Moderate	1	1	-	1	-
	Not Relevant	1	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
	<b>High</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Effective</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>-</b>	<b>3</b>
	<b>Moderate</b>	<b>4</b>	<b>3</b>	<b>-</b>	<b>1</b>	<b>-</b>
	<b>Not Relevant</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Totals</b>	<b>14</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>3</b>

<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining.

<sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.

### 8.1.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (VULNERABILITY REDUCTION)

Table 8.3: For the stated element at risk, The potential impact of the applied protection measures in reducing vulnerability levels to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (VULNERABILITY REDUCTION)								
Element at Risk	Persons located onsite and temporarily offsite							
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	N/A	Significant	Significant	N/A	Minimal	Significant	N/A	N/A
	Significant				Medium			
Existing, Planned and Recommended (applied to residual risk)	N/A	Significant	Significant	N/A	Significant	Very Significant	N/A	N/A
	Significant				Very Significant			

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 4 for explanatory information.

**Assessment Comments:** Persons are not vulnerable to direct ember attack or surface fire impacts. Recommendations are for training and site responses.

### 8.1.4 ASSESSED VULNERABILITY LEVELS

Assessed as a function of the capacity to apply sufficient vulnerability reducing protection measures, their individual effectiveness and their combined impact in reducing the vulnerability of the identified element at risk (Note: This assessment is independent of the threat level and exposure level assessments).

Table 8.4: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED VULNERABILITY LEVELS	
Element at Risk	Persons located onsite and temporarily offsite
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.
Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup>	Relative Vulnerability Level <sup>2</sup>
Existing and Planned (applied to inherent risk)	Moderate
Existing, Planned and Recommended (applied to residual risk)	Low

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 2 for explanatory information.

**Assessment Comments:** After training and response procedures are made available to staff/visitors and emergency services are familiar with the site, there is little more that can be done to improve vulnerability.



## 8.2 PERSONS ON ACCESS/EGRESS ROUTES (IN VEHICLES) OR PATHWAYS

### 8.2.1 PROTECTION MEASURES AVAILABLE TO REDUCE VULNERABILITY LEVELS AND THEIR APPLICATION STATUS

Table 8.5: All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK:</b> PERSONS ON ACCESS/EGRESS ROUTES IN VEHICLES						
<b>Access/Egress Route ID:</b> All bushfire prone vegetation within the broader locality (10km radius) including along access routes.						
<p><b>PROTECTION PRINCIPLE – APPLY BEST (SAFER) ROAD DESIGN AND CONSTRUCTION (MATERIALS):</b> The application of as many of the following protection measures as possible ensures a greater level of safety for users and lowers the associated risk when roads need to be used to evacuate to a safer offsite location in potentially high stress situations within a threatening environment.</p> <p>Safety for persons using the route is increased through reducing the likelihood of vehicle/terrain or vehicle/vehicle accidents and the ability to maintain travelling speed.</p>						
8.1	<p><b>Road Width:</b> Ensure appropriate width roads are installed. Wider roads allow safer passing of the anticipated traffic that can be travelling in both directions (e.g. emergency services travelling towards the emergency event). The effectiveness of road width to reduce vulnerability is also a function of the required carriage capacity - which may be increased by the proposed development/use when it will increase traffic intensity.</p> <p>The incorporation of non-vegetated and trafficable road verges/shoulders and adjacent footpaths can also be considered to increase effective width for slower moving vehicles (providing additional separation from the hazard and passing opportunities).</p>	High	No	Yes	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: The measure is not under the control of the landowner/developer. The access/egress routes run through farm land and adjacent to the existing solar installation with Robartson Rd access/egress in a north direction towards the Great Eastern Highway and the town of Merredin, and south direction for approx. 750m before meeting the Bruce Rock – Merredin Rd in an east or west direction. Both roads are approx. 8-10m wide giving safe passage for evacuation and emergency responding vehicles.</i></p>						
8.2	<p><b>Road Gradient:</b> Ensure appropriate road gradients are available. Lower gradients ensure traction and speed can be maintained and can also be associated with driver visibility. Appropriate gradients will depend on the constructed surface materials and the weights and tractive capability of expected vehicle types.</p>	High	No	Yes	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: The measure is not under the control of the landowner/developer. The local topography is gently undulating rather than rugged.</i></p>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
8.3	<b>Road Clearance:</b> Ensure appropriate clearance can exist and is established. Sufficient horizontal and vertical clearances from obstructions ensure unhindered movement of all possible vehicle types;	High	No	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: The measure is not under the control of the landowner/developer. The minimum horizontal clearance is the road width of 8m and generally 10m. Trees and powerlines do not overhang the road, so vertical clearance is unrestricted.</i>						
8.4	<b>Road Surface Materials:</b> Ensure that roads are constructed of materials that will provide the necessary traction (also a function of gradient), can support the weight of all expected vehicle types and remain operational in all weather. The required supportive capacity also applies to associated structures such as bridges.	High	No	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: The measure is not under the control of the landowner/developer. Robartson Rd and Bruce Rock -Merredin Rd are designed to carry heavy and industrial vehicles. There is no limitation for the residential vehicles (&lt;2 ton) used by site staff.</i>						
8.5	<b>Driver Visibility and Road Ahead Signage:</b> Ensure that road design provides high levels of visibility ahead (at least in the absence of smoke and embers) and informative signage indicating relevant 'up ahead' route information (includes information stating distance to turnaround area for narrow roads in more remote locations). Good visibility is associated with the avoidance 'blind' corners and crests to the greatest extent possible.	High	No	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: The measure is not under the control of the landowner/developer. Robartson Rd and Bruce Rock- Merredin Rd have long straight sections (&gt;1km) and gentle curves (&lt;30 degrees).</i>						
8.6	<b>Road / Pathway Length:</b> Shorter distances to safer locations reduce the length of time persons remain vulnerable to bushfire threats.	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: The measure is not under the control of the landowner/developer. Robartson Rd and Bruce Rock- Merredin Rd are &gt;10km to a safer offsite location (Merredin Townsite) or to a westerly direction through farmland. This is addressed in Section 7.2.1.</i>						
8.7	<b>Interconnected Roads:</b> Ensuring that the design of the road network provides through roads and avoids dead-end roads, provides the choice of alternative routes for drivers to minimise close contact with a bushfire event. Otherwise vehicles and persons can be trapped.	High	No	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: The measure is not under the control of the landowner/developer. Some minor side roads in the area are no through-roads. All major roads are through-roads.</i>						
<b>PROTECTION PRINCIPLE – EVACUEES SELF-SUFFICIENT (LOCAL AWARENESS AND TRANSPORT):</b> The 'type' of persons that will be present on the site of the proposed development/use influences their degree of vulnerability to both bushfire threats and to risk associated with vehicular accidents in a stressful environment. Persons that have local knowledge, are self-supportive, have their own transport and are physically and mentally capable present the lowest degree of vulnerability for this factor.						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
This contrasts with persons who meet the SPP 3.7 definition of 'vulnerable' where the most vulnerable are likely to be less effective at making the required decisions and carrying out the required actions in the timeframe required. They are likely to be dependent on others for both information and transport and will not have any local knowledge.						
8.8	<b>Self Sufficient Persons with Local Awareness:</b> These are the type of persons that will be present on the site of the proposed development/use.	Effective	Yes	Yes	No	No
8.9	<b>Persons Onsite Have Own Transport:</b> There is no need to have arrangements in place for external provision of evacuation vehicles.	Effective	Yes	Yes	No	No
<i>Informative and/or Site Specific Comment/Assessment: Staff must necessarily have their own transport to access the site.</i>						
<p><sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><sup>2</sup> <b>Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing 'inherent' risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> <li>• Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> </li> <li>• <b>Additionally Recommend:</b> Protection measures that: <ul style="list-style-type: none"> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>• Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p> </li> </ul>						

## 8.2.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 8.6: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

VULNERABILITY REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Persons on access/egress routes in vehicles					
Access/Egress Route ID	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Road Design and Construction (Materials)	Very High	-	-	-	-	-
	High	6	-	6	-	-
	Effective	-	-	-	-	-
	Moderate	-	-	-	-	-
	Not Relevant	1	-	-	-	-
Evacuees Self-Sufficient in Transport and Local Knowledge	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	2	2	2	-	-
	Moderate	-	-	-	-	-
	Not Relevant	-	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	-	-	-	-	-
	<b>High</b>	<b>6</b>	-	<b>6</b>	-	-
	<b>Effective</b>	<b>2</b>	<b>2</b>	<b>2</b>	-	-
	<b>Moderate</b>	-	-	-	-	-
	<b>Not Relevant</b>	<b>1</b>	-	-	-	-
	<b>Totals</b>	<b>9</b>	<b>2</b>	<b>8</b>	-	-

<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining.

<sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.

### 8.2.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (VULNERABILITY REDUCTION)

Table 8.7: For the stated element at risk, the assessed impact of the applied protection measures corresponding to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (VULNERABILITY REDUCTION)								
Element at Risk	Persons on access/egress routes in vehicles							
Access/Egress Route ID	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.							
Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	Minimal	Medium	Significant	Significant	N/A	N/A	Minimal	Significant
	Medium				Medium			
<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3 <sup>2</sup> Refer to Appendix 4 for explanatory information.								

**Assessment Comments:** No recommendations are applicable. The inherent and residual risk are the same. The combination of suitable transportation, awareness, and quality of egress route(s) is weighed against the landscape-scale forests bounding the route and length of route to a low threat destination (>13km).

### 8.2.4 ASSESSED VULNERABILITY LEVELS

Assessed as a function of the capacity to apply sufficient vulnerability reducing protection measures, their individual effectiveness and their combined impact in reducing the vulnerability of the identified element at risk (Note: This assessment is independent of the threat level and exposure level assessments).

Table 8.8: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED VULNERABILITY LEVELS	
Element at Risk	Persons on access/egress routes in vehicles
Access/Egress Route ID	All bushfire prone vegetation within the broader locality (10km radius) including along access routes.
Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup>	Relative Vulnerability Level <sup>2</sup>
Existing and Planned (applied to inherent risk)	Moderate
<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3 <sup>2</sup> Refer to Appendix 2 for explanatory information.	


**Assessment Comments:** The vulnerability of persons on access routes is assessed as Moderate and cannot be practically improved.

### 8.3 BUILDINGS AND STRUCTURES NCC CLASSES 1-10

#### 8.3.1 PROTECTION MEASURES AVAILABLE TO REDUCE VULNERABILITY LEVELS AND THEIR APPLICATION STATUS

Table 8.9: All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK: BUILDINGS/STRUCTURES - NCC CLASSES 1-10</b>						
<p><b>PROTECTION PRINCIPLE – DESIGN AND CONSTRUCTION (MATERIALS):</b> Increase bushfire resilience through the application of beneficial design and construction, including using non-combustible materials and minimising the use of vulnerable materials, to the greatest extent possible. Practicality and cost will be key considerations in determining the viability of applying protection measures in differing scenarios, but this should be determined with due consideration of threat levels and the importance of the elements at risk.</p> <p>The constructed systems should utilise the following properties to the greatest extent possible: <b>reliability</b> (which requires their durability over time, low maintenance and being unlikely to change over time), <b>robustness</b> (which limits damage spread from minor sources, continue to protect when thermally loaded and protects vulnerable elements), <b>resilience</b> (which enables their return to a functional state following an overload) and <b>redundancy</b> (which ensures the fate of the subject building/structure is not reliant on the effective performance of a single element). Refer to the glossary for additional explanation.</p> <p>The principle is also applicable to constructed consequential fire fuels.</p>						
9.1	<p><b>Construction to a Standard - AS 3959:2018 [4]:</b> Apply the specified requirements to construction. These are intended to reduce the risk of building ignition from bushfire direct attack mechanisms. Note that the indirect attack mechanisms and the threats presented by consequential fire fuels are not specifically considered.</p> <p><i>“The standard is primarily concerned with improving the ability of buildings ... to better withstand attack from bushfire thus giving a measure of protection to the building occupants (until the fire front passes), as well as to the building itself”.</i></p> <p>The AS 3959 approach adopts a strategy that relies on the integrity of the building’s exterior envelope (i.e., the cladding of roof/wall/eaves, floor supporting structures/flooring and all penetrations) to resist all bushfire exposure conditions and environmental actions thereby protecting all structural construction elements behind it, including allowable combustible materials. It provides protection by:</p> <ul style="list-style-type: none"> <li>Using specified materials that provide ignition resistance (tolerance of radiant heat and flames). Higher BAL ratings impose increased construction requirements for these exterior envelope materials;</li> <li>Specifying precise gap control (applicable to all bushfire attack levels) for the exterior envelope of the building to prevent ember entry); and</li> <li>Attached and adjacent structures (within 6m) must also comply with the Standard.</li> </ul>	High	N/A	N/A	N/A	N/A
<p><i>Informative and/or Site Specific Comment/Assessment: Structures (storage sheds and switchrooms etc) do not have a general structure which can comply with AS 3959 or NASH.</i></p>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
9.2	<p><b>Construction to a Standard – NASH Standard [33]:</b> Apply the specified requirements to construction. The Standard: <i>“Sets out acceptable construction requirements for residential and low-rise buildings in bushfire prone areas to reduce the risk of ignition from bushfire attack involving embers, radiant heat and direct flame impingement using non-combustible materials. Buildings constructed in accordance with this Standard are intended to provide a sheltering envelope during the passage of a bushfire flame front. They do not constitute ‘last resort’ private bushfire shelters as defined in the NCC. The Standard is based on achieving ignition resistance through non-combustible construction using conventional building materials and a level of redundancy to provide a high level of performance in extreme bushfire events and an increased probability that unattended buildings will survive such events.”</i></p> <p>Key attributes of the Standard include:</p> <ul style="list-style-type: none"> <li>Materials used anywhere on the building envelope (see shaded part of diagram below), must be non-combustible except for a small amount allowed externally that includes flooring, window frames, doors and external decorative trim. The building envelope is comprised of a framed roof/ceiling system, an external wall system and a floor system;</li> </ul>  <ul style="list-style-type: none"> <li>The same construction requirements apply for all BAL ratings up to BAL-40 (except for external doors and windows which apply AS 3959 requirements). An additional benefit of this is the built in resistance to the direct attack mechanisms of consequential fire when lower BAL ratings apply.</li> <li>It does not rely on eliminating ember entry to the roof space, wall cavities and floor system as these are non-combustible construction. Embers only need to be kept from entering the internal living/operating spaces.</li> <li>It is ember tolerant without unrealistic workmanship, supervision and maintenance requirements;</li> <li>The combination of a non-combustible cladding and cavities is a robust solution that enables the building to be configured so that failure or damage to one element does not lead to the inevitable failure of the building or a breach of the habitable envelope; and</li> <li>Attached and adjacent structures (within 6m) must also comply with the Standard.</li> </ul>	Not Relevant	N/A	N/A	N/A	N/A
<p><i>Informative and/or Site Specific Comment/Assessment: Structures (storage sheds and switchrooms etc) do not have a general structure which can comply with AS 3959 or NASH.</i></p>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
9.3	<p><b>Construction Materials – External And Internal Cavity Building Elements:</b> Excluding internal living or operation spaces, to the degree necessary, utilise materials resistant to fire attack mechanisms of flame and radiant heat (preferably non-combustible) for all relevant building elements, including wall, roof, floor, supporting structures and framing systems.</p>	Very High	Yes	Unknown	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: The construction of proposed structures is currently unknown. They will likely be primarily masonry, steel, aluminium and cement sheeting. It is recommended non-combustible elements are included where practical.</i></p>						
9.4	<p><b>Construction Materials – Consequential Fire Fuels:</b> For constructed large consequential fire fuels, construct using non-combustible materials to the fullest extent possible. These include:</p> <ul style="list-style-type: none"> <li>Surrounding landscaping items - fences/screens, retaining walls, gazebos, plastic water tanks etc;</li> <li>Attached structures - decks, verandahs, stairs, carports, garages, pergolas, patios, etc;</li> <li>Adjacent structures - houses, sheds, garages, carports, etc. Structure to structure fire is a common cause of overall building loss in post bushfire event assessments [9].</li> </ul>	Very High	Yes	Yes	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: Adjoining heavy constructed fuels are not proposed as part of the relevant buildings.</i></p>						
9.5	<p><b>Construction – Resistant To High Wind:</b> Apply construction measures to prevent the type of building damage from wind that will open or create gaps (from the wind itself or carried projectiles) and allow the entry of embers, radiant heat and flames.</p> <p>This type of damage is typically superficial damage. Building codes relating to wind (e.g., cyclones) do not necessarily address this superficial type of impact.</p> <p>Additional fixings for building envelope claddings and protection of the most vulnerable elements, such as glazing, from debris impact, are key considerations.</p> <p>Consider applying the principles of the NASH Standard [33] design solution to construction.</p> <p>“Potential wind effects directly associated with bushfire events have been considered in this Standard. Wind actions may affect houses subject to a bushfire attack in various ways including:</p> <ul style="list-style-type: none"> <li>The intensity of flame front activity may produce locally high wind pressures on parts of the building;</li> <li>In the post fire phase, some weakened components on the building envelope may be vulnerable to normal design pressures; and</li> <li>Wind can drive embers into the building envelope.”</li> </ul> <p>Most applicable when the physical requirements exist for the development of an extreme bushfire event within the surrounding broader landscape.</p>	High	Yes	Unknown	No	No



VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
9.6	<p><b>Construction – Gas Supply:</b> All gas cylinders are installed and maintained in accordance with AS 1596. This standard includes requirements for small portable cylinders and larger cylinders used for domestic house supply. These include:</p> <ul style="list-style-type: none"> <li>• Safety release valve shall be directed away from the building and persons access/egress routes;</li> <li>• Metal piping and fittings shall be used on all piping inside the building's cavities and enclosable occupied spaces and the high pressure side of any gas regulators; and</li> <li>• Tethers securing cylinders are to be non-combustible.</li> </ul> <p>The objective is to reduce the risk of local fire against a building and reduce the risk of death or injury, from gas flaring or explosion. The rationale is gas cylinders which have either flared or ruptured are commonly found in post bushfire surveys [9]. The heat from the bushfire or consequential local fire has been sufficient to cause their pressure to reach critical levels beyond which their pressure release valve releases large quantities of LP gas. If these gas cylinders fall over, this pressure release valve may no longer function correctly, meaning that the gas cylinder may continue to increase in pressure with continued heating until the cylinder ruptures. The resulting explosion includes a pressure wave and large ball of flame which can threaten nearby life and buildings.</p>	Not Relevant	N/A	N/A	N/A	N/A
<p><i>Informative and/or Site Specific Comment/Assessment:</i> No gas storage will be on site.</p>						
9.7	<p><b>Construction - Electricity Supply:</b> Cabling to be shielded (includes installing underground within subject property boundary) from applicable bushfire attack mechanisms.</p> <p>The objective is to assist with continuity of supply for essential site operations and/or electrically driven firefighting pumps. It also reduces the risk of electrocution to any persons onsite and reduces potentially additional sources of fire ignition. It is common in bushfires for power infrastructure to burn and collapse or be impacted by falling trees or branches while power lines are still live. Removing this risk may be appropriate for some sites.</p>	Moderate	Yes	No	Partly	Yes
<p><i>Informative and/or Site Specific Comment/Assessment:</i> Exposed electrical cabling to be shielded from radiant heat and consequential fire by burying underground or shielding with non-combustible material – common electrical cabling reaches its critical point at &gt;12kWm<sup>2</sup>.</p> <p>Exposed plumbing (poly pipe) is to be buried or shielded with non-combustible material – maximum exposure 120 degrees Celsius.</p>						
9.8	<p><b>Minimise Debris and Ember Accumulation – Re-Entrant Detail:</b> Avoid or minimise the accumulation of unburnt debris and embers by avoiding re-entrant details and/or adopting aerodynamic forms that will self-shed windblown debris and embers. For example:</p> <ul style="list-style-type: none"> <li>• Simple building/structure footprints that avoid re-entrant corners in access ways, at wall/floor, wall/ground, roof/wall junctions and around doors, vents, windows; and</li> <li>• Simple roof layouts that avoid valleys and minimise the number of ridges that need protection details (e.g. skillion roofs).</li> </ul>	High	Yes	Unknown	No	No

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
9.9	<p><b>Minimise Debris and Ember Accumulation – Trapping Surfaces:</b> Avoid or minimise the use of exposed combustible surfaces that can trap and accumulate embers. These can include:</p> <ul style="list-style-type: none"> <li>Horizontal, or shallow angle surfaces e.g. exposed wall/roof framework, roofs, decking, verandahs, steps, windowsills; and</li> <li>Vertical surfaces with rough textured cladding (e.g. sawn timber).</li> </ul>	Moderate	Yes	Unknown	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: The design of Class 1-10 buildings is unknown at this stage, but are likely to be simple rectangular structures without complex features.</i></p>						
9.10	<p><b>Minimise Debris and Ember Accumulation – Roof Plumbing:</b> All roof plumbing (gutters, valleys) is protected from the accumulation of debris and embers that can result in direct fire attack mechanisms immediately adjacent to any combustible elements within the roof cavity.</p>	Moderate	Yes	No	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: There will be few to no trees within the APZ and leaf litter accumulation will be very slow.</i></p>						
9.11	<p><b>Minimise Debris and Ember Accumulation – Construction Cavities:</b> Apply designs that lower the potential for accumulation of embers and debris within cavity spaces of buildings/structures. Examples include concrete floor slab on the ground and solid masonry walls.</p>	Moderate	Yes	Unknown	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: Ensure all subfloor spaces are sealed or enclosed with non-combustible solid material or ember screening mesh (corrosion-resistant steel, bronze, or aluminium with an aperture &lt;2mm).</i></p>						
9.12	<p><b>Minimise Flame/Radiant Heat/Ember/Debris Entry - External Openings:</b> Limit potential sites for entry through the external envelope to internal spaces and combustible materials within (as consequential fire fuels).</p>	High	Yes	No	Yes	No
9.13	<p><b>Screening and Sealing - Gaps and Penetrations:</b> Apply fire rated sealants and/or install metal screening (corrosion resistant steel, bronze, aluminium &lt;2mm aperture).</p> <p>All external construction and penetration gaps with apertures greater than 2mm will allow ember entry (and potentially debris) to internal cavities and combustible materials within (as consequential fire fuels).</p> <p>This includes gaps in roofs, walls, doors, windows and their surrounding trims – including those associated with penetrations, vents, weepholes, poor workmanship and material deterioration and movement over time (maintenance). Internal fire is difficult to see and extinguish.</p>	Moderate	Yes	No	Yes	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: All Class 1-10 buildings (including non-habitable structures) must have ember screening/sealants installed on any gaps and penetrations.</i></p>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
9.14	<b>Screening - External Doors and Windows:</b> Metal screens (corrosion resistant steel, bronze, aluminium <2mm aperture) installed over non-openable and/or openable parts of windows and doors to prevent ember entry to internal spaces containing combustible materials (consequential fire fuels) and reduce radiant heat load on vulnerable surfaces.	Moderate	Yes	No	No	No
9.15	<b>Shutters - External Doors and Windows:</b> Fire rated shutters installed to significantly increase bushfire resistance of the vulnerable building elements. Any requirement for onsite manual activation is a potential limitation to effectiveness.	Moderate	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: The measures are excessive for the radiant heat flux exposure of &lt;10kW/m2.</i>						
9.16	<b>Landscaping Construction - Fences and Walls:</b> Non-combustible materials are used for fences, walls (including retaining walls), screens, garden edging, play equipment and other built structures - as potential consequential fire fuels. Where relevant, the capacity to resist high winds, to minimise potential for impact damage to subject building/structure, should also be incorporated.	Moderate	Yes	No	No	Yes
<i>Informative and/or Site Specific Comment/Assessment: Any security fences or other potential fuel loads should be constructed using non-combustible material.</i>						
<b>PROTECTION PRINCIPLE – FIREFIGHTING CAPABILITY:</b> Provide sufficient, reliable and bushfire resilient water supply and delivery capability as is necessary for active and/or passive systems.						
9.17	<b>Firefighting Water Supply:</b> Have a dedicated static supply of firefighting water for the protection of buildings/structures before and after the passage of a bushfire front. Adequate water supply is critical for any firefighting operation, particularly where property protection is the intent. This is necessary when: <ul style="list-style-type: none"> <li>A water supply additional to a reticulated water supply is required to counter the loss of firefighting water as a protection measure, should the reticulated supply be interrupted;</li> <li>It is the only source of firefighting water.</li> </ul> All tanks shall be non-combustible. Aside from losing water, failure of combustible tank can provide an additional heat or load to a vulnerable building element. Metal piping and fittings shall be used for any above ground components. The limitation to the effectiveness of the measure is the requirement for persons to be present and have the minimum required operational knowledge and/or access to appropriate information.	Very High	Yes	No	Yes	Yes
9.18	<b>Firefighting Equipment – Active Operation:</b> In addition to a dedicated water supply, appropriate firefighting equipment is installed (pumps, hoses, sprinklers etc). These will be resilient to bushfire impact, to the extent necessary, through the application of appropriate equipment materials and protection (shielding or separation from the hazard). The limitation to the effectiveness of the measure is the requirement for persons to be present and have the minimum required operational knowledge and/or access to appropriate information.	Not Relevant	N/A	N/A	N/A	N/A

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<p><i>Informative and/or Site Specific Comment/Assessment: Measure 11.18 discusses firefighting water supply to the site. The Merredin Battery facility will be supplied with a minimum 288kL firefighting water supply. This will provide an ample supply for any Class 1-10 buildings.</i></p> <p><i>The design and bushfire protection measures assumes no active defence of the site. Attendance of emergency services or response by site staff would be additional to the protection measures applied.</i></p>						
9.19	<p><b>Firefighting Equipment – Passive Operation:</b> In addition to a dedicated water supply, appropriate water dispensing apparatus are installed (e.g. pumps, plumbing and sprinklers) that are automatically activated. These will be resilient to bushfire impact, to the extent necessary, through the application of appropriate equipment materials and protection (shielding or separation from the hazard).</p>	Not Relevant	N/A	N/A	N/A	N/A
9.20	<p><b>Firefighting Equipment – Maintain Operability:</b> Where water pumps, shutters or other active/passive protection measures rely on the continued supply of electricity, establish barriers (shielding) or separation from potential damaging factors (e.g. falling trees/branches, fire, or other impact sources). For example, bury transmission systems to the greatest extent possible.</p>	Not Relevant	N/A	N/A	N/A	N/A
<p><i>Informative and/or Site Specific Comment/Assessment: Passive operations are not proposed for Class 1-10 buildings.</i></p>						
9.21	<p><b>Firebreaks – Primarily for Access:</b> Installation and maintenance of firebreaks to remove vegetation, limit surface fire progression and facilitate firefighting access / backburning.</p>	Moderate	Yes	Yes	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: The site is currently compliant with the Shire of Merredin Firebreak Notice.</i></p>						
<p><b>PROTECTION PRINCIPLE – MANAGEMENT AND MAINTAINING EFFECTIVENESS OF APPLIED PROTECTION MEASURES:</b> To ensure the retention of the level of bushfire resilience that has been established through the implementation of appropriate bushfire protection measures, formal and enforceable responsibilities are created.</p>						
9.22	<p><b>Formal Management/Maintenance Plan – Actions and Responsibilities:</b> Through a bushfire management plan, site operations emergency plan, bushfire emergency plan, operational annual works plan and/or a 'firebreak' notice, a mechanism is put in place to ensure that:</p> <ul style="list-style-type: none"> <li>The required management and maintenance of applied bushfire protection measures is conducted on a regular basis – with the interval dependent on the necessary frequency that will maintain full effectiveness; and</li> <li>The relevant protection measures are known and understood; and</li> <li>Responsibilities are created</li> </ul> <p>The different documents will be able to satisfactorily perform this function to differing extents.</p>	Effective	Yes	No	No	Yes

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<i>Informative and/or Site Specific Comment/Assessment:</i> The different documents will be able to satisfactorily perform this function to differing extents.					
<p><sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><sup>2</sup> <b>Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing 'inherent' risk levels (refer to Glossary);</li> <li>• <b>Planned:</b> Protection measures that:             <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> <li>• Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> </li> <li>• <b>Additionally Recommend:</b> Protection measures that:             <ul style="list-style-type: none"> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>• Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p> </li> </ul>					

### 8.3.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 8.10: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

VULNERABILITY REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Buildings/Structures - NCC Classes 1-10					
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Design and Construction (Materials)	Very High	2	2	1	-	1
	High	4	3	-	-	-
	Effective	-	-	-	-	-
	Moderate	8	8	-	1	4
	Not Relevant	2	-	-	-	-
Firefighting Capability	Very High	1	1	-	1	1
	High	-	-	-	-	-
	Effective	-	-	-	-	-
	Moderate	1	1	1	-	-
	Not Relevant	3	-	-	-	-
Management and Maintaining Effectiveness of Applied Protection Measures	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	1	1	-	-	1
	Moderate	-	-	-	-	-
	Not Relevant	-	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>
	<b>High</b>	<b>4</b>	<b>4</b>	<b>-</b>	<b>1</b>	<b>1</b>
	<b>Effective</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>
	<b>Moderate</b>	<b>9</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>4</b>
	<b>Not Relevant</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Totals</b>	<b>22</b>	<b>17</b>	<b>2</b>	<b>3</b>	<b>7</b>

<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining.

<sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.

### 8.3.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (VULNERABILITY REDUCTION)

Table 8.11: For the stated element at risk, The potential impact of the applied protection measures in reducing vulnerability levels to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (VULNERABILITY REDUCTION)								
Element at Risk	Buildings/Structures - NCC Classes 1-10							
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	Minimal	Significant	Significant	Medium	Significant	Medium	Medium	Medium
	Medium				Medium			
Existing, Planned and Recommended (applied to residual risk)	Very Significant	Significant	Significant	Very Significant	Very Significant	Significant	Significant	Medium
	Very Significant				Significant			

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 4 for explanatory information.

**Assessment Comments:** The protection measures concentrate on reducing the vulnerability of building(s) to Ember Attack, including ember screening, construction materials, enclosing subfloor cavities, and preventing leaf litter/debris accumulation.

### 8.3.4 ASSESSED VULNERABILITY LEVELS

Assessed as a function of the capacity to apply sufficient vulnerability reducing protection measures, their individual effectiveness and their combined impact in reducing the vulnerability of the identified element at risk (Note: This assessment is independent of the threat level and exposure level assessments).

Table 8.12: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED VULNERABILITY LEVELS	
Element at Risk	Buildings/Structures - NCC Classes 1-10
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.
Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup>	Relative Vulnerability Level <sup>2</sup>
Existing and Planned (applied to inherent risk)	Moderate
Existing, Planned and Recommended (applied to residual risk)	Very Low

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3  
<sup>2</sup> Refer to Appendix 2 for explanatory information.

**Assessment Comments:** Class 1-10 buildings will be robust against bushfire impacts.

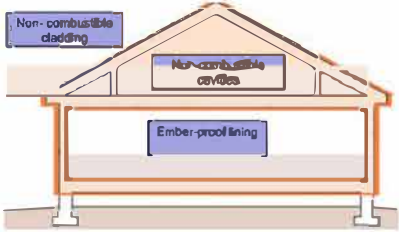
## 8.4 FIXED (HARD) INFRASTRUCTURE ASSETS

### 8.4.1 PROTECTION MEASURES AVAILABLE TO REDUCE VULNERABILITY LEVELS AND THEIR APPLICATION STATUS

Table 8.13: All available protection measures to reduce exposure of the stated element at risk to bushfire hazard threats and their application to the subject development/use.

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<b>ELEMENT AT RISK: FIXED (HARD) INFRASTRUCTURE ASSETS</b>						
<p><b>PROTECTION PRINCIPLE – DESIGN AND CONSTRUCTION (MATERIALS):</b> Increase bushfire resilience through the application of beneficial design and construction, including using non-combustible materials and minimising the use of vulnerable materials, to the greatest extent possible. Practicality and cost will be key considerations in determining the viability of applying protection measures in differing scenarios, but this should be determined with due consideration of threat levels and the importance of the elements at risk.</p> <p>The constructed systems should utilise the following properties to the greatest extent possible: <b>reliability</b> (which requires their durability over time, low maintenance and being unlikely to change over time), <b>robustness</b> (which limits damage spread from minor sources, continue to protect when thermally loaded and protects vulnerable elements), <b>resilience</b> (which enables their return to a functional state following an overload) and <b>redundancy</b> (which ensures the fate of the subject building/structure is not reliant on the effective performance of a single element). Refer to the glossary for additional explanation.</p> <p>The principle is also applicable to constructed consequential fire fuels.</p>						
11.1	<p><b>Construction to a Standard - AS 3959:2018 [4]:</b> Use the principles and requirements established in the Standard, for buildings in general, and apply to the infrastructure assets where they have merit.</p> <p>These are intended to reduce the risk of building ignition from bushfire direct attack mechanisms. Note that the indirect attack mechanisms and the threats presented by consequential fire fuels are not specifically considered. Key attributes of the Standard that may have relevance to other built assets include:</p> <ul style="list-style-type: none"> <li>The AS 3959 strategy that relies on the integrity of the building's exterior envelope (i.e., the cladding of roof/wall/eaves, floor supporting structures/flooring and all penetrations) to resist all bushfire exposure conditions and environmental actions thereby protecting all structural construction elements behind it, including allowable combustible materials.</li> <li>Using specified materials that provide ignition resistance (tolerance of radiant heat and flames). Higher BAL ratings impose increased construction requirements for these exterior envelope materials;</li> <li>Specifying precise gap control (applicable to all bushfire attack levels) for the exterior envelope of the building to prevent ember entry); and</li> <li>Attached and adjacent structures (within 6m) must also comply with the Standard.</li> </ul>	Not Relevant	N/A	N/A	N/A	N/A
11.2	<p><b>Construction to a Standard – NASH Standard [33]:</b> Use the principles and requirements established in the Standard, for residential and low-rise buildings, and apply to the infrastructure assets where they have merit.</p>	Not Relevant	N/A	N/A	N/A	N/A



VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<p>Key attributes of the Standard that may have relevance to other built assets include:</p> <ul style="list-style-type: none"> <li>Materials used anywhere on the building envelope (see shaded part of diagram below), must be non-combustible (except for a small number of smaller building elements). The building envelope is comprised of a framed roof/ceiling system, an external wall system and a floor system;</li> </ul>  <ul style="list-style-type: none"> <li>The same construction requirements apply for all BAL ratings up to BAL-40 (except for external doors and windows which apply AS 3959 requirements). An additional benefit of this is the built in resistance to the direct attack mechanisms of consequential fire when lower BAL ratings apply.</li> <li>It does not rely on eliminating ember entry to the roof space, wall cavities and floor system as these are non-combustible construction. Embers only need to be kept from entering the internal living/operating spaces.</li> <li>It is ember tolerant without unrealistic workmanship, supervision and maintenance requirements;</li> <li>The combination of a non-combustible cladding and cavities is a robust solution that enables the building to be configured so that failure or damage to one element does not lead to the inevitable failure of the building or a breach of the habitable envelope; and</li> <li>Attached and adjacent structures (within 6m) must also comply with the Standard.</li> </ul>						
11.3	<p><b>Construction Materials – External and Internal Cavity Building Elements:</b> Excluding internal living or operation spaces, to the degree necessary, utilise materials resistant to fire attack mechanisms of flame and radiant heat (preferably non-combustible) for all relevant building elements, including wall, roof, floor, supporting structures and framing systems.</p>	Not Relevant	N/A	N/A	N/A	N/A
11.4	<p><b>Construction Materials – Consequential Fire Fuels:</b> For constructed large consequential fire fuels, construct using non-combustible materials to the fullest extent possible. These can include attached structures, adjacent structures and surrounding landscaping items.</p>	Very High	Yes	Partly	Partly	Yes
<p><i>Informative and/or Site Specific Comment/Assessment:</i></p> <ul style="list-style-type: none"> <li>Battery modules will be self-contained through highly insulated steel encasing used to encapsulate modules.</li> <li>Cabinets and fencing will be non-combustible (metal or mineral).</li> </ul>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>Installation of thermally insulated steel vents within the thermal roof protecting the units from flame impingements and hot gas intrusion.</li> </ul>						
11.5	<p><b>Construction – Resistant To High Wind:</b> Apply construction measures to prevent the type of building damage from wind that will open or create gaps (from the wind itself or carried projectiles) and allow the entry of embers, radiant heat and flames.</p> <p>This type of damage is typically superficial damage. Building codes relating to wind (e.g., cyclones) do not necessarily address this superficial type of impact.</p> <p>Additional fixings for building envelope claddings and protection of the most vulnerable elements, such as glazing, from debris impact, are key considerations.</p> <p>Consider applying the principles of the NASH Standard [33] design solution to construction.</p> <p>"Potential wind effects directly associated with bushfire events have been considered in this Standard. Wind actions may affect buildings subject to a bushfire attack in various ways including:</p> <ul style="list-style-type: none"> <li>The intensity of flame front activity may produce locally high wind pressures on parts of the building;</li> <li>In the post fire phase, some weakened components on the building envelope may be vulnerable to normal design pressures; and</li> <li>Wind can drive embers into the building envelope."</li> </ul> <p>Most applicable when the physical requirements exist for the development of an extreme bushfire event within the surrounding broader landscape.</p>	High	Yes	Yes	No	No
<p><i>Informative and/or Site Specific Comment/Assessment:</i></p> <p>The BESS units and associated structures are fixed to the ground and have limited vulnerabilities.</p>						
11.6	<p><b>Construction – Gas Supply:</b> All gas cylinders are installed and maintained in accordance with AS 1596 (for domestic house supply) as a guide. The requirement of the standard includes:</p> <ul style="list-style-type: none"> <li>Safety release valve shall be directed away from the building and persons access/egress routes;</li> <li>Metal piping and fittings shall be used on all piping inside the building's cavities and enclosable occupied spaces and the high pressure side of any gas regulators; and</li> <li>Tethers securing cylinders are to be non-combustible.</li> </ul> <p>The objective is to reduce the risk of local fire against a building and reduce the risk of death or injury, from gas flaring or explosion. The rationale is gas cylinders which have either flared or ruptured are commonly found in post bushfire surveys [9]. The heat from the bushfire or consequential local fire has been sufficient to cause their pressure to reach critical levels beyond which their pressure release valve releases large quantities of LP gas. If these gas cylinders fall</p>	Not Relevant	N/A	N/A	N/A	N/A

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
	over, this pressure release valve may no longer function correctly, meaning that the gas cylinder may continue to increase in pressure with continued heating until the cylinder ruptures. The resulting explosion includes a pressure wave and large ball of flame which can threaten nearby life and buildings.					
11.7	<b>Construction Materials – Non-Structural Essential Elements:</b> Utilise fire/radiant heat rated products (rated to the level determined as necessary), for the construction of non-structural elements that are essential to the continued operation of the built asset and are exposed to a bushfire hazard. These include cabling and plumbing associated with power / data transmission and water / fuel transport.	High	Yes	No	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment:</i></p> <p>Use non-combustible or products with high heat ratings to assist with maintaining their operability.</p> <p>Recommend shielding - These include cabling and plumbing associated with power / data transmission.</p>						
11.8	<p><b>Minimise Debris and Ember Accumulation – Re-Entrant Detail:</b> Avoid or minimise the accumulation of unburnt debris and embers by avoiding re-entrant details and/or adopting aerodynamic forms that will self-shed windblown debris and embers. For example:</p> <ul style="list-style-type: none"> <li>• Simple building/structure footprints that avoid re-entrant corners in access ways, at wall/floor, wall/ground, roof/wall junctions and around doors, vents, windows; and</li> <li>• Simple roof layouts that avoid valleys and minimise the number of ridges that need protection details (e.g. skillion roofs).</li> </ul>	High	Yes	Yes	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment:</i></p> <p>The structure design and construction allow for little debris accumulation.</p> <p>Where the electrical cabling contacts the ground or any arrangement of associated structures creates a 'pocket' for accumulation of debris, this should be rectified by design or filling with non-combustible material such as mineral earth. Consideration should be given to making the arrangement self-cleaning through wind action to the greatest extent possible. These measures will reduce accumulation and/or make the management (clearing) of accumulated debris easier. E.g. cable raking to be 100mm above ground.</p>						
11.9	<p><b>Minimise Debris and Ember Accumulation – Trapping Surfaces:</b> Avoid or minimise the use of exposed combustible surfaces that can trap and accumulate embers. These can include:</p> <ul style="list-style-type: none"> <li>• Horizontal, or shallow angle surfaces e.g. exposed wall/roof framework, roofs, decking, verandahs, steps, windowsills; and</li> <li>• Vertical surfaces with rough textured cladding (e.g. sawn timber).</li> </ul>	Not Relevant	N/A	N/A	N/A	N/A

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
11.10	<b>Minimise Debris and Ember Accumulation – Roof Plumbing:</b> All roof plumbing (gutters, valleys) is protected from the accumulation of debris and embers that can result in direct fire attack mechanisms immediately adjacent to any combustible elements within the roof cavity.	Not Relevant	N/A	N/A	N/A	N/A
11.11	<b>Minimise Debris and Ember Accumulation – Construction Cavities:</b> Apply designs that lower the potential for accumulation of embers and debris within cavity spaces of buildings/structures. Examples include concrete floor slab on the ground and solid masonry walls.	Not Relevant	N/A	N/A	N/A	N/A
<i>Informative and/or Site Specific Comment/Assessment: The battery modules are contained within simple structures without the above components.</i>						
11.12	<b>Minimise Flame/Radiant Heat/Ember/Debris Entry - External Openings:</b> Limit potential sites for entry to internal spaces through the external envelope and combustible materials within (as consequential fire fuels).	High	Yes	No	No	Yes
11.13	<b>Screening and Sealing - Gaps And Penetrations:</b> Apply fire rated sealants and/or install metal screening (corrosion resistant steel, bronze, aluminium <2mm aperture). All external construction and penetration gaps with apertures greater than 2mm will allow ember entry (and potentially debris) to internal cavities and combustible materials within (as consequential fire fuels). This includes gaps in roofs, walls, doors, windows and their surrounding trims – including those associated with penetrations, vents, weepholes, poor workmanship and material deterioration and movement over time (maintenance). Internal fire is difficult to see and extinguish.	Moderate	Yes	No	No	Yes
<i>Informative and/or Site Specific Comment/Assessment: The manufacturer or appropriate engineers should be contacted to enquire if it is possible to apply ember screening to intake/exhaust vents and other paths of entry to the interior cavity or accessing any combustible elements of BESS cabinets. This ember screening would be applicable to the exterior of the battery cabinet, not internal components. The intention is to prevent both ember ingress and debris accumulation. Ember screening mesh is corrosion-resistant steel, bronze, or aluminium with an aperture &lt;2mm.</i>						
11.14	<b>Screening - External Doors and Windows:</b> Metal screens (corrosion resistant steel, bronze, aluminium <2mm aperture) installed over non-openable and/or openable parts of windows and doors to prevent ember entry to internal spaces containing combustible materials (consequential fire fuels) and reduce radiant heat load on vulnerable surfaces.	Moderate	Yes	No	No	No
11.15	<b>Shutters - External Doors and Windows:</b> Fire rated shutters Installed to significantly increase bushfire resistance of the vulnerable building elements. Any requirement for onsite manual activation is a potential limitation to effectiveness.	Moderate	Yes	No	No	No
<i>Informative and/or Site Specific Comment/Assessment: Any doors/windows will not be open during a bushfire event.</i>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
11.16	<p><b>Landscaping Construction - Fences and Walls:</b> Non-combustible materials are used for fences, walls (including retaining walls), screens and other built structures - as potential consequential fire fuels.</p> <p>Where relevant, the capacity to resist high winds, to minimise potential for impact damage to subject building/structure, should also be incorporated.</p>	Moderate	Yes	No	Partly	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: Any security fences or other potential fuel loads should be constructed using non-combustible material.</i></p>						
<p><b>PROTECTION PRINCIPLE – FIREFIGHTING CAPABILITY:</b> Provide sufficient, reliable and bushfire resilient water supply and delivery capability as is necessary for active and/or passive systems.</p>						
11.17	<p><b>Firefighting Water Supply:</b> Have a dedicated static supply of firefighting water for the protection of buildings/structures before and after the passage of a bushfire front. Adequate water supply is critical for any firefighting operation, particularly where property protection is the intent. This is necessary when:</p> <ul style="list-style-type: none"> <li>A water supply additional to a reticulated water supply is required to counter the loss of firefighting water as a protection measure, should the reticulated supply be interrupted;</li> <li>It is the only source of firefighting water.</li> </ul> <p>All tanks shall be non-combustible. Aside from losing water, failure of combustible tank can provide an additional heat or load to a vulnerable building element. Metal piping and fittings shall be used for any above ground components. The limitation to the effectiveness of the measure is the requirement for persons to be present and have the minimum required operational knowledge and/or access to appropriate information.</p>	Very High	Yes	No	Yes	Yes
11.18	<p><b>Firefighting Equipment – Active Operation:</b> In addition to a dedicated water supply, appropriate mobile firefighting appliances are available quickly and/or fixed firefighting equipment is installed (pumps, hoses, sprinklers etc). Where equipment is installed, this will be resilient to bushfire impact, to the extent necessary, through the application of appropriate equipment materials and protection (shielding or separation from the hazard).</p> <p>The limitation to the effectiveness of the measure is the requirement for persons to be present and have the minimum required operational knowledge and/or access to appropriate information.</p>	Very High	Yes	No	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: Battery Energy Storage Systems do not have an applicable firefighting water supply under the state or national requirements. A nominal supply of 50,000L would meet the planning requirements for the proposal under SPP 3.7.</i></p> <p>The State of Victoria Country Fire Authority has produced an applicable document, which is being used as the source of the appropriate water supply for the Merredin Battery project. The Design Guidelines and Model Requirements – Renewable Energy Facilities (CFA March 2022) does not lay out these specifications in a single format and some criteria are applicable to the Victorian planning system. A summary of all applicable measures to align with the document are provided below.</p>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>							
			Possible	Exists	Planned	Additionally Recommend				
<p>Informative and/or Site Specific Comment/Assessment: The following requirements apply to the firefighting water supply. The specifications will be confirmed at the detailed design stage.</p> <p><u>Access</u></p> <p>Firefighting water access points (hydrants, hard suction, or drafting) must be clearly identifiable, visible from internal roads, and unobstructed.</p> <p>The water tank(s) must be located at the vehicle access point to the development (northern entry gate).</p> <p>An all-weather hardstand turnaround area meeting the requirements of the Guidelines for Planning in Bushfire Prone Areas v1.4 (Explanatory Note E3.3) must be provided within 4 metres of both the static water storage tank(s) and any independent hard suction points (hydrants).</p> <p>Site Operating Procedures must include that access routes must be unobstructed at all times.</p> <p><u>Siting</u></p> <p>The water tank(s) must be positioned &gt;10m from BESS cabinets and associated infrastructure.</p> <p>The water tank(s) should apply a BAL-29 APZ at a minimum. It is possible to locate the tank within the 10kW/m<sup>2</sup> APZ applied to BESS infrastructure such that additional vegetation clearing is not required.</p> <p><u>Construction</u></p> <p>The static firefighting water supply must be calculated per AS 2419. Based on the submitted layout the required supply will be 288,000L. This water supply is intended to address bushfire and non-bushfire emergencies.</p> <p>The static water storage tank(s) must be an above-ground water tank constructed of concrete or steel.</p> <p>An external water level indicator must be installed on static water storage tank(s) and be visible from internal roads and the adjoining turnaround area.</p> <p>Signage indicating 'FIRE WATER' and the tank capacity must be fixed to each tank.</p> <p>The hard-suction point must be protected from mechanical damage (eg. bollards) where vehicle contact is possible.</p> <p>Couplings at hard suction points are required to be 125mm Storz fittings (Guidelines v1.4 s2.2.2.1). DFES Built Environment and the Merredin Volunteer Fire and Rescue Service should be contacted for input on appropriate couplings and adaptors.</p>										
11.19	<p><b>Fire Fighting Equipment – Passive Operation:</b> In addition to a dedicated water supply, appropriate water dispensing apparatus are installed (e.g. pumps, plumbing and sprinklers) that are automatically activated. These will be resilient to bushfire impact, to the extent necessary, through the application of appropriate equipment materials and protection (shielding or separation from the hazard).</p>	High	Yes	No	Yes	Yes				
<p>Informative and/or Site Specific Comment/Assessment:</p> <p>The BESS units have active monitoring and electrical fault safety devices which ensure the units only remain operational within their intended operating environment, with an automated shut-down system.</p>										

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES		Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
<p><i>It is recommended that automatic fire suppression systems are installed and maintained, as appropriate to the BESS details and recommended by the manufacturer. This measure is not applied to reduce the vulnerability or risk posed, as the methodology for this Risk Assessment <b>assumes</b> that fire occurs.</i></p>						
11.20	<p><b>Fire Fighting Equipment – Maintain Operability:</b> Where water pumps, shutters or other active/passive protection measures rely on the continued supply of electricity, establish barriers (shielding) or separation from potential damaging factors (e.g. falling trees/branches, fire, or other impact sources). For example, bury transmission systems to the greatest extent possible.</p>	Moderate	Yes	No	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: Operating and maintenance procedures are to be developed to ensure regular maintenance.</i></p>						
11.21	<p><b>Firebreaks – Primarily for Access:</b> Installation and maintenance of firebreaks to remove vegetation, limit surface fire progression and facilitate firefighting access / backburning.</p>	Moderate	Yes	Yes	No	No
<p><i>Informative and/or Site Specific Comment/Assessment: The site is currently compliant with the Shire of Merredin Firebreak Notice.</i></p>						
<p><b>PROTECTION PRINCIPLE – MANAGEMENT AND MAINTAINING EFFECTIVENESS OF APPLIED PROTECTION MEASURES:</b> To ensure the retention of the level of bushfire resilience that has been established through the implementation of appropriate bushfire protection measures, formal and enforceable responsibilities are created.</p>						
11.22	<p><b>Formal Management/Maintenance Plan – Actions and Responsibilities:</b> Through a bushfire management plan, site operations emergency plan, bushfire emergency plan, operational annual works plan and/or a ‘firebreak’ notice, a mechanism is put in place to ensure that:</p> <ul style="list-style-type: none"> <li>• The required management and maintenance of applied bushfire protection measures is conducted on a regular basis – with the interval dependent on the necessary frequency that will maintain full effectiveness; and</li> <li>• The relevant protection measures are known and understood; and</li> <li>• Responsibilities are created</li> </ul> <p>The different documents will be able to satisfactorily perform this function to differing extents.</p>	Effective	Yes	No	No	Yes
<p><i>Informative and/or Site Specific Comment/Assessment: The different documents will be able to satisfactorily perform this function to differing extents.</i></p>						
<p><sup>1</sup> <b>Protection Measure Effectiveness Rating:</b> Refer to section 2.3.5 for explanation and defining.</p> <p><sup>2</sup> <b>Protection Measure Application Status:</b></p> <ul style="list-style-type: none"> <li>• <b>Possible:</b> Protection measures that can potentially be applied to the proposed development/use;</li> <li>• <b>Exists:</b> Protection measures already implemented by existing components of the proposed development/use. These measures are accounted for in assessing ‘inherent’ risk levels (refer to Glossary);</li> </ul>						

VULNERABILITY REDUCING PROTECTION MEASURES – ALL AVAILABLE MEASURES	Effectiveness Rating <sup>1</sup>	Application Status <sup>2</sup>			
		Possible	Exists	Planned	Additionally Recommend
<ul style="list-style-type: none"> <li>• <b>Planned:</b> Protection measures that:               <ul style="list-style-type: none"> <li>• Are incorporated into the site plans;</li> <li>• Exist in an <u>approved</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), alternative solutions and any additional recommended protection measures - for which a responsibility for their implementation has been created and approved; and/or</li> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and are comprised of the applicable acceptable solutions (established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), that can be met and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These planned measures are accounted for in assessing 'inherent' risk levels (refer to Glossary).</p> </li> <li>• <b>Additionally Recommend:</b> Protection measures that:               <ul style="list-style-type: none"> <li>• Exist in a <u>yet to be submitted</u> Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and comprise alternative solutions and/or additional recommended protection measures (that can and should be implemented in the opinion of the bushfire consultant), and for which a responsibility for their implementation can be created in the BMP; and/or</li> <li>• Are developed in the process of producing this risk assessment and management report and for which a responsibility for their implementation can be created in the BMP.</li> </ul> <p>These additionally recommended measures, along with existing and planned measures, are accounted for in assessing 'residual' risk levels (refer to Glossary).</p> </li> </ul>					



## 8.4.2 NUMBER ANALYSIS OF AVAILABILITY VERSUS APPLICATION OF PROTECTION MEASURES

Table 8.14: For the stated element at risk and area of bushfire prone vegetation, the summarised number of bushfire protection measures that can be applied (and their corresponding effectiveness rating), is compared to the number available.

VULNERABILITY REDUCING PROTECTION MEASURES – SUMMARY NUMBERS						
Element at Risk	Fixed (hard) infrastructure assets					
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.					
The Protection Principle	Effectiveness Rating <sup>1</sup>	Numbers of Protection Measures				
		Total Available	Application Status <sup>2</sup>			
			Possible	Exists	Planned	Additionally Recommend
Design and Construction (Materials)	Very High	1	1	1	-	-
	High	4	4	2	-	3
	Effective	-	-	-	-	-
	Moderate	4	4	-	-	2
	Not Relevant	6	-	-	-	-
Firefighting Capability	Very High	2	2	-	1	2
	High	1	1	-	1	1
	Effective	-	-	-	-	-
	Moderate	2	2	1	-	1
	Not Relevant	1	-	-	-	-
Management and Maintaining Effectiveness of Applied Protection Measures	Very High	-	-	-	-	-
	High	-	-	-	-	-
	Effective	1	1	-	-	1
	Moderate	-	-	-	-	-
	Not Relevant	-	-	-	-	-
<b>Total Numbers</b>	<b>Very High</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>
	<b>High</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>4</b>
	<b>Effective</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>1</b>
	<b>Moderate</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>-</b>	<b>3</b>
	<b>Not Relevant</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
	<b>Totals</b>	<b>22</b>	<b>15</b>	<b>4</b>	<b>2</b>	<b>10</b>
<sup>1</sup> Protection Measure Effectiveness Rating: Refer to section 2.3.5 for explanation and defining. <sup>2</sup> Protection Measure Application Status: Refer to table footnotes on previous page.						

### 8.4.3 ASSESSED IMPACT OF APPLIED PROTECTION MEASURES (VULNERABILITY REDUCTION)

Table 8.15: For the stated element at risk, The potential impact of the applied protection measures in reducing vulnerability levels to the stated area of bushfire prone vegetation.

ASSESSED IMPACT OF APPLIED MEASURES (VULNERABILITY REDUCTION)								
Element at Risk	Fixed (hard) infrastructure assets							
Vegetation Area / Location	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.							
Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup>	The Bushfire Hazard Threats <sup>2</sup>							
	Direct Attack Mechanisms				Indirect Attack Mechanisms			
	Embers	Radiant Heat	Flame	Surface Fire	Debris Accumulation	Consequential Fire	Fire Driven Wind	Tree Strike / Obstruction
Existing and Planned (applied to inherent risk)	Medium	Medium	Medium	Medium	Medium	Medium	N/A	N/A
	Medium				Medium			
Existing, Planned and Recommended (applied to residual risk)	Very Significant	Very Significant	Significant	Significant	Significant	Significant	N/A	N/A
	Very Significant				Significant			

<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3

<sup>2</sup> Refer to Appendix 4 for explanatory information.

#### Assessment Comments:

The most significant of the available vulnerability reducing protection measures are associated with:

- Ensuring that the design and construction of the BESS units and associated structures can limit locations for accumulation of debris and facilitates self-cleaning by the wind;
- Ensuring that the design and the materials used in the construction of any structures adjacent to the BESS units and associated infrastructure are non-combustible to the greatest extent possible, to remove the threat of consequential fire from this source; and
- Having firefighting resources available (reticulated supply, hydrant and tank) to extinguish consequential fires and cool battery cabinets.
- Having the BESS units fitted with active monitoring and electrical fault safety devices which ensure the units only remain operational within their intended operating environment, with an automated shut-down system.

The package of protection measures play a significant role in changing the vulnerability of the Merredin Battery infrastructure.

### 8.4.4 ASSESSED VULNERABILITY LEVELS

Assessed as a function of the capacity to apply sufficient vulnerability reducing protection measures, their individual effectiveness and their combined impact in reducing the vulnerability of the identified element at risk (Note: This assessment is independent of the threat level and exposure level assessments).

Table 8.16: For the stated element at risk, the assessed exposure level corresponding to the stated area of bushfire prone vegetation.

ASSESSED VULNERABILITY LEVELS	
Element at Risk	Fixed (hard) infrastructure assets

<b>Vegetation Area / Location</b>	All bushfire prone vegetation within the subject lots, and within 150m of the proposed development.	
<b>Vulnerability Reducing Protection Measures Applied to Assessment <sup>1</sup></b>	<b>Relative Vulnerability Level <sup>2</sup></b>	
Existing and Planned (applied to inherent risk)	Moderate	
Existing, Planned and Recommended (applied to residual risk)	Low	
<sup>1</sup> Corresponds to the stage of risk level being reported i.e. inherent or residual. Refer to Section 2.3.3 <sup>2</sup> Refer to Appendix 2 for explanatory information.		

**Assessment Comments:** The Merredin Battery as the element at risk is not vulnerable to the impacts of radiant heat and flame contact. The protection measures available to reduce the Merredin Battery vulnerability are robust and materially address the direct attack mechanisms of bushfire.

Consequently, for this scenario, considering the bushfire protection measures, the relative residual vulnerability level is Low.

## APPENDIX 1: RATIONALE FOR THE SELECTION OF THE APPLIED RISK ASSESSMENT PROCESS

The following information regarding the selection and adaptation of the risk assessment process applied in this report is presented to help inform persons tasked with understanding this report.

### KEY DRIVERS

Bushfire Prone Planning has considered the following key drivers in determining the most appropriate risk assessment process to apply:

#### 1. The relevant hazard types.

Bushfire hazards are a natural hazard rather than a human-induced hazard (refer to glossary and see limitations of ISO 31000 in the next section). Natural processes and phenomena present unique types of threats.

Consequently, the assessment process needs to be able to specifically deal with the unique characteristics of bushfire hazards in a way that derives meaningful risk-based information that can be readily interpreted and applied.

A logical framework is needed around which the development of bushfire protection measures (risk treatments) can be constructed, assessed and understood by those tasked with making decisions based on the provided information.

#### 2. The relevant risks to be addressed.

The specific risks are limited to the potential loss of life, injury, or destroyed or damaged assets that are associated with a bushfire hazard. These originate from the hazard's direct and indirect bushfire attack mechanisms and the response of persons and property to these threats.

#### 3. The complexity and/or scale of proposed development/use.

For different development/use proposals, there are significant differences in the types of information required for the hazard risk assessments and the derivation of operationally useful information that is to be applied to mitigating the associated risks.

These differences include scale e.g. from development or activities on a single lot to development or activities within a region.

Also, different uses may be able to tolerate different levels of risk. For example the Guidelines v1.4 cl 5.5.2 establish that "different tourism land uses ... may require different levels of risk management".

Consequently, the applied risk management process needs to be able to accommodate these differences and remain both logical, useable and efficient to compile. It needs to be capable of being relatively easy to scale up or down to provide a relevant and actionable report.

### LIMITATIONS OF ISO 31000:2018 AND NERAG

The approach adopted by Bushfire Prone Planning (BPP) contrasts with the typical approach historically used in various Australian jurisdictions. This historical approach conducts the risk management process by applying the *National Emergency Risk Assessment Guidelines (AIDR 2020, NERAG)*.

However, the considered view of BPP is that the *NERAG* approach is unable to effectively provide (a) the required assessment methodology for assessing risk associated with a bushfire hazard or (b) evaluate the impact of specific bushfire protection measures - to the level of detail and relevance required for the planning of development and uses. That is, the key drivers determining the suitable methodology cannot be satisfied.

It is not practical to fully justify the above statement here, but the following is noted:

The determination of pre and post treatment risk levels is a key objective of *NERAG*. These are determined as the product of consequence and likelihood ratings. These ratings have the following inherent weaknesses in meeting the risk assessment requirements for a natural bushfire hazard:

1. Consequence ratings are derived from a set of established qualitative and quantitative criteria - which are very broad based and have less relevance at smaller scales of development/use. No direct link between the application of a risk treatment(s) and how they can justifiably be assessed as being able to alter a consequence level is established; and

- Likelihood ratings of both the emergency event and the consequences are difficult to separate. They are derived from a set of established quantitative (probability) criteria. They also typically look backward and not forward and their determination is problematic with respect to sourcing relevant and sufficient data.

Varying the levels of likelihood has limited applicability when the pragmatic requirement is to assume an emergency event will occur. The level of risk to which the at risk elements are exposed and vulnerable when a bushfire does occur, should have the most relevance to planning its location, design and construction, or allowing it.

The determination of level of relevant risks by relying on the accuracy and relevance of the probability of the bushfire occurring should be given much less weighting. A more robust reduction in risk will result from being protected by something more physical/tangible than probability.

Also relevant is that the *NERAG* state they are “primarily focussed on assessing emergency risks” and that they are “structured to align broadly with relevant sections of *ISO 31000:2018 – Risk Management Guidelines*”.

*ISO 31000:2018* states that its intended use is “... to provide guidelines on managing risk faced by organisations”.

The key point is that organisational risk is derived from a ‘human-induced hazard’ rather than a natural hazard (refer to the glossary). However, it is the bushfire natural hazard that is the source of risk being addressed by requirements established by SPP 3.7 and the associated Guidelines.

Consequently, it is BPP’s considered opinion that applying *ISO 31000:2018* and *NERAG* (in its current form) to assessing risk associated with a bushfire hazard has significant application and relevance limitations.

### THE APPLIED ADAPTED RISK ASSESSMENT APPROACH

In acknowledging the key drivers, and the limitations of the risk management process developed by *ISO 31000* and adapted by *NERAG*, Bushfire Prone Planning has adapted the understanding of disaster risk that is used by the United Nations Office for Disaster Risk Reduction (*UNDRR*).

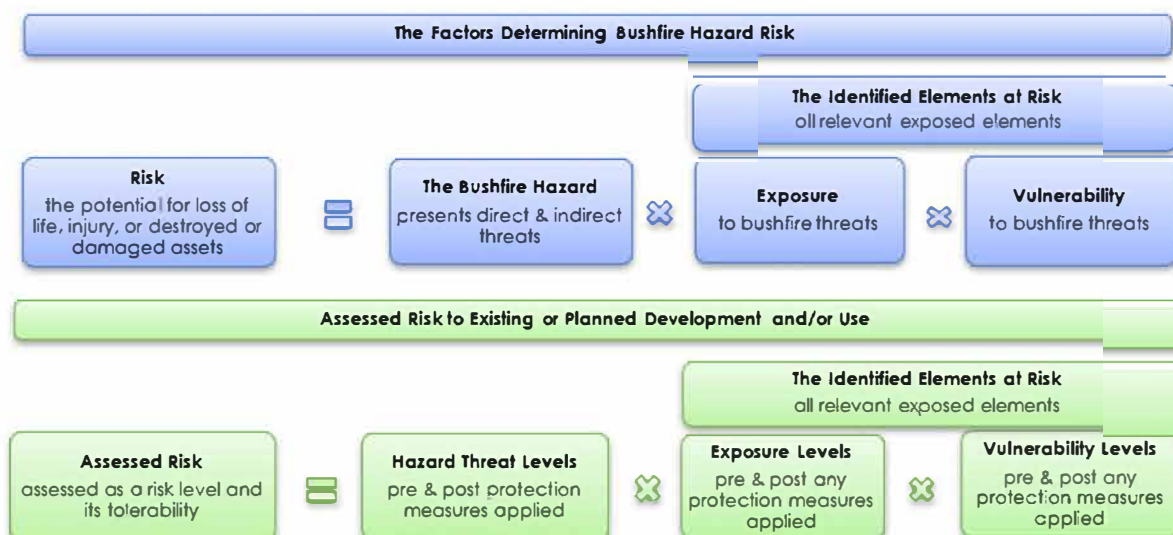
Although the *UNDRR* approach is designed to addresses disaster risk at large scale strategic levels, it can justifiably be applied to all scales of planning because it is focused on natural hazards and establishes a concept that can be readily adapted.

The risk assessment report that is developed applying this process presents relevant, logical, comprehensive and practical facts, to appropriately inform those persons tasked with either:

- Planning the siting, design, construction and management of development/use to ensure an appropriate level of bushfire resilience is achieved and limiting associated risks to tolerable levels; or
- With making pragmatic planning approval decisions.

The Figure below (copy of Figure 2.3) illustrates the framework of the adapted risk assessment process (refer to the glossary for terminology information and Appendix 2 provides greater detail of the risk analysis component of the assessment process).

**THE FRAMEWORK OF BUSHFIRE PRONE PLANNING’S APPLIED RISK ASSESSMENT PROCESS**



## APPENDIX 2: RISK LEVEL ANALYSIS – ADDITIONAL EXPLANATION

### INDICATIVE RISK LEVELS

Justification for reporting indicative risk levels is based on the following factors:

1. There is a finite 'universe' of bushfire protection measure principles that can be applied to reducing hazard threats and the exposure and vulnerability of at risk elements;
2. There will be a range of development/use specific protection measures associated with each protection measure principle. The number of available protection measures will vary dependent on the type and scale of development/use, but effectively there will also be a practical limit; and
3. Bushfire protection measures will vary in their standalone effectiveness at mitigating risk (refer to section 2.3.5);

Consequently, an indication of the level of risk – for a given development/use - can be gained by:

1. Assessing 'relative' threat levels.
2. Deriving 'relative' exposure and vulnerability levels by:
  - a) Assessing how many protection measure principles and associated measures are applicable and can be applied;
  - b) Assessing the relative effectiveness of each protection measure; and
  - c) Comparing the numbers of applied protection measures with the number of possible measures in the protection measure 'universe'.
3. Making a qualitative assessment of the potential impact of the applied protection measures (including appropriate weighting given to their individual effectiveness) that can reduce the relative threat, exposure and vulnerability levels.
4. Derive the indicative risk level by applying the risk matrix shown as Table A2.1 and establish the tolerability of the risk by applying the risk tolerance scale of Table A3.2, Appendix 3.

Providing an indicative risk level establishes a qualitative understanding of the level of risk that potentially exists and is intended to inform and assist with making various planning decisions.

Deriving indicative risk levels is essentially a compilation and assessment of physical facts rather than determinations of what is to constitute different levels of threat, exposure and vulnerability and subsequently intolerable, tolerable and acceptable levels of risk for every development/use scenario.

An indicative risk level can be derived from an assessment of the site, the planned development/use and the knowledge and experience of the bushfire practitioner – such that an opinion can be provided regarding risk levels.

### DETERMINED RISK LEVELS

Reporting determined risk levels will require reference information being available to the assessor so that 'determined' levels of threat, exposure and vulnerability can be established (this contrasts with the 'relative' levels required in deriving an indicative risk level).

The required reference information are the risk factor criteria, the risk level matrix and the risk tolerability scale.

#### Risk Factor Criteria

The required risk factor criteria will establish:

- What factors are to define the different 'determined' levels of hazard threats;
- What factors are to define the different 'determined' levels of exposure of elements at risk; and
- What factors are to define the different 'determined' levels of vulnerability of elements at risk.

#### Risk Level Matrix

The matrix will establish how the 'determined' levels of threat, exposure and vulnerability are to be applied in deriving the 'determined' risk level. Different sets of matrices to account for different development types, uses and scales will be required. The rationale for this statement includes:

- Different development types, uses and scales are potentially capable of tolerating different levels of risk and still be considered by the relevant authority (who are reflecting the understood society/community position), to remain acceptable;
- Recognition that different levels of risk can be tolerated by different development, use and scale is indicated in the Guidelines v1.4 where cl 5.5.2 establishes that “different tourism land uses ... may require different levels of risk management”; and
- To account for the variation, one risk level matrix could establish a moderate determined risk level for a given development type/use/scale and combination of threat, exposure and vulnerability levels.

For the same combination of threat, exposure and vulnerability levels but for a different development type/use/scale, a different risk level matrix could establish an extreme determined risk level; and

### Risk Tolerance Scale

After the ‘determined’ risk level has been derived from the risk assessment process, a methodology is required to classify the risk level as either unacceptable, tolerable or acceptable. Currently Bushfire Prone Planning is applying the ALARP principle and associated risk tolerance scale (refer to Appendix 3).

#### The Current Limitations to Deriving a Determined Risk Level

The required reference information (i.e. the risk factor criteria, sets of risk matrices and the risk tolerance scale) is necessarily required to be provided by the relevant regulatory authorities /decision makers. The rationale for this statement is:

1. The information must reflect the expectations and understanding and accepting of risk as held by society and communities, and directed through its governing bodies;
2. The information must be standardised to the greatest extent possible so that it provides an acceptable and trusted basis on which the determined risk level can be derived and be relied upon in making decisions.
3. Properly establishing the reference information cannot be justifiably relegated to individual assessors with varied expertise, qualification and without any approved responsibility to provide such information. Their expertise might more appropriately be utilised in assisting the responsible authorities to establish the information.

Where the required reference information has not been established and provided by the responsible authorities, determined risk levels cannot be the final outcome when using this risk assessment process. Currently, this reference information does not exist.

### HOW THE LIKELIHOOD OF A BUSHFIRE EVENT OCCURRING HAS BEEN DEALT WITH

The approach taken with the applied risk assessment process is to apply the pragmatic assumption that a bushfire will occur. It is assumed it can occur within any timeframe and could result in loss or life or injury, or unacceptable damage to property and or unacceptable disruption to services. This approach accepts that the requirements for fire of fuel, ignition source and oxygen will always exist. That is:

- The fire fuels being considered will always be there unless physically removed permanently;
- A potential ignition source will always exist through lightning and/or human activities; and
- The potential for adverse fire weather conditions to exist at some point within each year will always be present.

This contrasts with applying a quantitative approach based on the historical record of past bushfire event and determining the mathematical probability of a future event. This approach is problematic to achieving increased bushfire resilience at all stages of existing or proposed development/use for these reasons:

- Historical data may not be available or have enough data sets to be accurate. It cannot account for future changes in climate that may result in a different occurrence period. Consequently, further assumptions need to be made;
- Siting, design and construction of development to resist bushfire threats is much easier, more practical (and likely economical), to incorporate at initial planning stages rather than the retro-establishment of protection measures when circumstances change or tolerance of risk decreases;

- Time spent conducting historical research, performing statistical calculations and modifying risk levels, apart from being costly, is likely better spent assessing potential threat, exposure and vulnerability levels and developing appropriate protection measures; and
- The likelihood of occurrence cannot modify the levels of hazard threats, exposure or vulnerability. It can only be applied to reduce the overall risk level. That is, it would be applied as a modifying factor via the established risk level matrix and not the established risk factor criteria. The validity of incorporating such a factor may be indicated when, despite the existence of vegetation that can burn, there are other mitigating physical conditions that exist at the specific site that make the likelihood of ignition and severity of bushfire behaviour very low. How this is applied would need to be established by the authority establishing the relevant risk level matrix.

Table A2.1: Risk matrix for deriving indicative risk levels from the assessed relative levels of threat, exposure and vulnerability.

INDICATIVE RISK LEVEL MATRIX						
Relative Threat Level (a)	Relative Exposure Level (b)	Relative Vulnerability Level (c)				
		Very Low (1)	Low (2)	Moderate (3)	High (4)	Extreme (5)
Very Low (1)	Very Low (1)	VL1	VL2	VL3	L4	L5
	Low (2)	VL2	VL3	L4	L5	L6
	Moderate (3)	VL3	L4	L5	L6	M7
	High (4)	L4	L5	L6	M7	M8
	Extreme (5)	L5	L6	M7	M8	H9
Low (2)	Very Low (1)	VL2	VL3	L4	L5	L6
	Low (2)	VL3	L4	L5	L6	M7
	Moderate (3)	L4	L5	L6	M7	M8
	High (4)	L5	L6	M7	M8	H9
	Extreme (5)	L6	M7	M8	H9	H10
Moderate (3)	Very Low (1)	VL3	L4	L5	L6	M7
	Low (2)	L4	L5	L6	M7	M8
	Moderate (3)	L5	L6	M7	M8	H9
	High (4)	L6	M7	M8	H9	H10
	Extreme (5)	M7	M8	H9	H10	H11
High (4)	Very Low (1)	L4	L5	L6	M7	M8
	Low (2)	L5	L6	M7	M8	H9
	Moderate (3)	L6	M7	M8	H9	H10
	High (4)	M7	M8	H9	H10	H11
	Extreme (5)	M8	H9	H10	H11	E12
Extreme (5)	Very Low (1)	L5	L6	M7	M8	H9
	Low (2)	L6	M7	M8	H9	H10
	Moderate (3)	M7	M8	H9	H10	H11
	High (4)	M8	H9	H10	H11	E12
	Extreme (5)	H9	H10	H11	E12	E13

Indicative risk level key: VL = very low, L = low, M = moderate, H = high, E = extreme.

The qualitative relative levels are assigned a numerical value.

The indicative risk value is calculated as = (a + b + c) – 2 and range from 1 (lowest) to 13 (greatest).

The indicative risk levels are derived from an assigned a numerical range: very low = 1-3, low = 4-6, moderate = 7-8, high = 9-11, extreme = 12-13.



## APPENDIX 3: THE ALARP PRINCIPLE AND THE RISK TOLERANCE SCALE APPLIED

The following information is intended to provide an understanding of the ALARP principle and provide justification for its application in this risk assessment report.

### THE ALARP PRINCIPLE

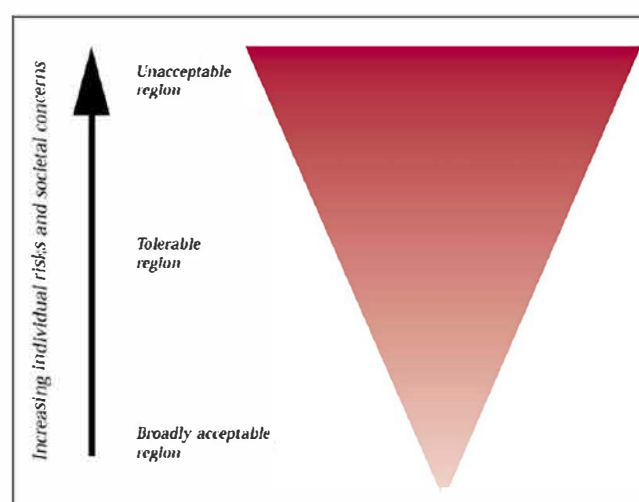
The As Low as Reasonably Practicable (ALARP) principle is based on the belief it is not possible to completely eliminate all risk involved, there will always be a certain level of risk remaining known as residual risk. The term is used to express the expected level of residual risk within a system, activity or, relevant to this document, within a proposed development/use, when good practice, judgement and duty of care are applied to decisions and operations.

The origins of the ALARP (As Low as Reasonably Practicable) principle are from United Kingdom case law and their regulatory framework. It is applied by their Health and Safety Executive (HSE) and is used by regulators and companies around the world as it provides a logical basis for managing risks – including its adaption for use in the following Australian guidelines:

- Australian Institute for Disaster Resilience, 2020; Land use Planning for Disaster Resilient Communities;
- WA Department of Mines, Industry Regulation and Safety, 2020; Petroleum safety and major hazard facility – guide. ALARP demonstration;
- NOPSEMA (Australia’s offshore energy regulator), 2020; ALARP and risk assessment guidance notes;
- Department of Planning Lands and Heritage (DPLH), 2019; Coastal hazard risk management and adaptation planning guidelines;
- Planning Institute of Australia, 2015; National Land Use Planning Guidelines for Disaster Resilient Communities; and
- NERAG 2010, an earlier version of NERAG 2020, applied the ALARP Principle.

The ALARP principle has been defined by the United Kingdom Health and Safety Executive (HSE-UK, 2001) to depict the concept that efforts to reduce risk should be continued until the incremental cost in doing so is grossly disproportionate to the value of the incremental risk reduction achieved (see figure). Incremental cost is defined in terms of time, effort, finance or other expenditure of resources – including loss of natural resources. Usually, each incremental reduction in risk will require a greater expenditure of resources.

This concept is depicted in Figure A3.1 where the triangle represents the decreasing risk and the diminishing proportional benefit as risk is reduced. There are also three regions shown in the figure into which general levels of residual risk can fall. The residual risk should fall either in the broadly acceptable region, or near the bottom of the tolerable region. This approach allows higher levels of safety to be provided where it is feasible.



**Figure A3.1:** HSE framework for the tolerability of risk (source: HSE-UK, 2001)

Moving up the triangle from the region considered broadly acceptable, through a tolerable region (for which a greater range of risk can be considered), to an unacceptable region, represents increasing levels of 'risk' for a particular hazard or hazardous activity (determined through relevant risk analysis). Table A3.1 describes the risks that define each region.

**Table A3.1:** The risks associated with the risk tolerance regions (adapted from HSE-UK, 2001)

THE ALARP PRINCIPLE – DEFINING THE REGIONS OF RISK TOLERANCE	
<b>Unacceptable Region</b>	<p>For practical purposes, a particular risk falling into this region is regarded as unacceptable whatever the level of benefits associated with the activity.</p> <p>Any activity, practice or use of land giving rise to risks falling in this region would, as a matter of principle, be not approved unless the activity or practice can be modified to reduce the degree of risk so that it falls in one of the regions below, or there are exceptional reasons for the activity, practice or use to be retained.</p>
<b>Tolerable Region</b>	<p>Risks in this region are typical of the risks from activities that people are prepared to tolerate in order to secure benefits, in the expectation that:</p> <ul style="list-style-type: none"> <li>• The nature and level of the risks are properly assessed, and the results used properly to determine control measures. The assessment of the risks needs to be based on the best available scientific evidence and, where evidence is lacking, on the best available scientific advice;</li> <li>• The residual risks are not unduly high and kept as low as reasonably practicable. This is the region to which the ALARP principle applies; and</li> <li>• The risks are periodically reviewed to ensure that they still meet the ALARP criteria, for example, by ascertaining whether further or new control measures need to be introduced to take into account changes over time, such as new knowledge about the risk or the availability of new techniques for reducing or eliminating risks.</li> <li>• In practice and where possible, the intent should be that residual risk continues to be driven down the tolerable range so that it falls either in the broadly acceptable region or is near the bottom of the tolerable region, in keeping with the duty to ensure health, safety and welfare so far as is reasonably practicable as per the ALARP principal.</li> </ul>
<b>Broadly Acceptable Region</b>	<p>Risks falling into this region are generally regarded as insignificant and adequately controlled. Regulators would not usually require further action to reduce risks unless reasonably practicable measures are available.</p> <p>The levels of risk characterising this region are comparable to those that people regard as insignificant or trivial in their daily lives. They are typical of the risk from activities that are inherently not very hazardous or from hazardous activities that can be, and are, readily controlled to produce very low risks.</p>
<p><b>Note:</b> The risk tolerability framework is a conceptual model. The factors and processes that ultimately decide whether a risk is unacceptable, tolerable or broadly acceptable are dynamic in nature and are sometimes governed by the particular circumstances, time and environment in which the activity, practice or use occurs or is proposed. Standards change and public expectations vary between societies and change with time.</p>	

## RISK TOLERANCE SCALE

The application of a risk tolerance scale is necessary to:

1. Identify which exposed elements must be given priority for the development and application of bushfire protection measures; and
2. Where planning approval is being sought, identify if the determined residual risk levels can be considered as tolerable or acceptable and therefore capable of being approved for this factor, or not.

The risk tolerance scale to be applied within the risk assessment report, when the required risk factor criteria and risk level matrix are available, is established in Table A3.2.

**Table A3.2:** The applied risk tolerance scale

APPLIED RISK TOLERANCE SCALE - INCORPORATING THE ALARP PRINCIPLE		
Indicative / Determined Risk Level	Tolerability Description and Action Required	Risk Tolerance Level <sup>1</sup>
<b>Extreme</b>	<p>The risks are unacceptable and require immediate implementation of risk management measures to eliminate or reduce risk to tolerable or acceptable levels.</p> <p>Proposed development giving rise to risks in this region would not be approved unless there are exceptional reasons for the development to proceed.</p>	<b>Unacceptable</b>
<b>High</b>	<p>The risks are the most severe that can be tolerated but not unduly high. They require monitoring in the short term as risk management measures are likely to be needed in the short term given the intent should be to drive residual risk lower down the tolerable range where possible.</p>	<b>Intolerable</b> - if <u>not</u> ALARP -
		<b>Tolerable</b> - if ALARP -
<b>Moderate</b>	<p>The risk is approaching an acceptable level. It can be tolerated and requires monitoring in the short to medium term. Need to consider potential changes over time in the risk and/or techniques for reducing/eliminating risk.</p> <p>Risk management measures may be needed to reduce risk to more acceptable levels where possible – or accept the risk.</p>	<b>Tolerable</b> - if <u>not</u> ALARP -
		<b>Acceptable</b> - if ALARP -
<b>Low</b>		<b>Acceptable</b>
<b>Very Low</b>		
<sup>1</sup> Refer to the glossary for definitions of the tolerance levels.		

## APPLICATION JUSTIFICATION

The following is taken from the 'National Land Use Planning Guidelines for Disaster Resilient Communities' (Planning Institute of Australia, 2015) and is also referred to in the document 'Land use Planning for Disaster Resilient Communities' (Australian Institute for Disaster Resilience, 2020).

*Of relevance to planners in the NERAG is the ALARP principle and how it is used in evaluating risks. According to NERAG, the ALARP principle is applied to define boundaries between risks that are generally intolerable, tolerable or broadly acceptable. The ALARP principle will help to prioritise a risk hierarchy and determine which risks require action and which do not. Those that are broadly acceptable naturally require little, if any, action while risks that are at an intolerable level require attention to bring them to a tolerable level.*

*According to NERAG, it is entirely appropriate and accepted practice that risks may be tolerated, provided that the risks are known and managed.*

The ALARP principle is particularly relevant to planners and other built environment professionals as it provides the means to categorise risks according to their severity, and to assign risk treatment options accordingly.

It is important to note that the effect each hazard has on a community and its settlement is different, and therefore land use planning and building responses may not always be appropriate to treat the risk borne by a particular hazard. Equally, the effectiveness or strength of response provided by land use planning or building may not be sufficient to fully address the risk.

In addition, it is likely that through a normal natural hazard management process a range of treatment measures will be proposed, tested and implemented to provide a comprehensive approach to risk treatment that may involve other measures working in concert with land use planning or building responses.

The manner in which land use planning and building responses are deployed to treat specific instances of natural hazard risk will vary depending on location, information availability, community views, broader development intent for the settlement under analysis and the effect of complementary risk treatment measures.

However, the ALARP principle provides a good reference for demonstrating the land use responses for the various ALARP risk categories. Generally speaking, in areas of intolerable risk the strongest land use planning and building responses should apply. Conversely, in areas of acceptable risk only minimal controls should apply, if at all.

The most complex risk category for which to prescribe treatment from a land use and building perspective is those areas of tolerable risk. Such risks in existing settlements may not be sufficiently concerning to warrant severe use restrictions or relocation, however they will need treatment over time to ensure the risk does not increase. Treatment options in this instance may include limiting vulnerable uses in this area, restricting significant intensification of development, and promoting resilient urban design. Such areas of tolerable risk are also best avoided from a greenfield perspective to limit increases in future risk and costs associated with infrastructure failure in these locations that could otherwise been avoided.

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## APPENDIX 4: THE BUSHFIRE HAZARD – BEHAVIOUR AND ATTACK MECHANISMS

### FACTORS INFLUENCING BUSHFIRE BEHAVIOUR

There are three primary factors that influence the intensity, speed and spread of a bushfire. Any increase in these behaviours will result in greater threat levels, to exposed elements, from the bushfire attack mechanisms.

1. **VEGETATION AND OTHER FUELS:** Key characteristics that will influence fire behaviour include:
  - **Fuel size and shape** – anything less than 6mm diameter/thickness is considered a fine fuel and will ignite and burn quickly. Larger/heavier fuels take longer to ignite but burn for longer, so the threat exists for longer;
  - **Fuel load** – the quantity of available fuel (t/ha) will influence the size of the fire. In particular it is the fine fuel load that determines the intensity of the bushfire and the flame sizes. Vegetation type and period over which it can accumulate will determine fuel loads;
  - **Vegetation type** – this influences the size, shape and quantity of available fuels. For bushfire purposes vegetation types include the classifications of forest, woodland, scrub, shrubland and grassland (with total fuel loads typically decreasing in that order);
  - **Fuel arrangement** – will influence two factors of fire behaviour (1) the speed and intensity of burning and (2) how much of the total fuels are likely to be involved in the fire simultaneously. The first factor is a function of how densely packed or aerated the fuels are with the more available arrangement burning with greater intensity. The second factor is a function of the availability of 'ladder' fuels (i.e. near surface, elevated and bark fuels) to carry fire up the vegetation profile, and the continuity of fuels to carry the fuel across the land; and
  - **Fuel moisture content** – drier fuels will ignite easily and burn quickly. The inherent moisture content of the vegetative fuels is a function of the vegetation type and arrangement and/or the positioning of the vegetation complex near readily available sources of moisture.

Greater quantities of finer, dryer, aerated and connected fuels will result in more severe behaviours and elevated bushfire threat levels. Large extents of vegetation (broader landscape scale) can have additional implications for the development of extreme bushfire events and the consequent increase in bushfire threat levels (refer to Appendix 5 for additional information).

2. **WEATHER:** Adverse fire weather that results in more severe behaviours and elevated threat levels includes strong winds, high temperatures, low relative humidity and extended periods of these factors.

Weather events at the broader landscape scale can have implications for the development of extreme bushfire events and consequent increase in bushfire threat levels (refer to Appendix 5 for additional information).

3. **TOPOGRAPHY:** The physical terrain can influence the severity of fire behaviour. At a local scale, it is the influence of ground slope on the rate a fire spreads, that is most relevant. Fire travels faster up slopes (rule of thumb is a doubling of speed for every 10 degrees increase in slope). Greater rates of spread increase fire intensity and the resultant threat levels.

At the broader landscape scale, the impact of topography can be significant and includes establishing the potential for development of certain dynamic fire behaviours that can lead to extreme bushfire events and elevated threat levels (refer to Appendix 5 for additional information).

### BUSHFIRE DIRECT ATTACK MECHANISMS

**EMBER ATTACK:** Ember attack is the most common way for structures to ignite in a bushfire. Scientific research indicates that at least 80% of building losses from past Australian bushfires can be attributed to ember/firebrand attack (mostly in isolation but also in combination with radiant heat), and the resultant consequential fires. (Leonard J.E. et.al; 2004 – Bianchi R. et.al. 2005 - Bianchi R. et.al. 2006).

Embers are the primary ignition source for consequential fire:

- They accumulate around and on vulnerable parts of structures (roofs, gutters, doors, windows, re-entrant corners)
- They enter gaps in structures envelopes to vulnerable internal cavities and spaces.
- They ignite surface materials such as walls and decks and any accumulated vegetative debris.

Embers can attack structures for a significant length of time before and after the passage of the fire front, as well as during. This potential length of exposure is an important factor in the consideration of the level of threat embers present.

An ember is a small particle of burning material that is transported in the winds that accompany a bushfire (larger particles can exist as firebrands from certain vegetation types). Typically these consist of plant materials such as bark, leaves and twigs that exist as part of the standing vegetation or has collected or been placed on the ground.

Of the plant materials, bark is the predominant source of embers but built timber elements will also produce embers.

Bark is the primary source of embers and spotting in Australian eucalypt forests due to the key attributes of ease of ignition, extended burnout time and the favourable size to weight ratio and aerodynamic properties. Differences in these attributes strongly influence the spotting potential from different forest types – and therefore the potential hazard rating of the bark.

The type of tree bark will determine the size, shape and number of embers/firebrands which, along with the prevailing fire behaviour and weather conditions will dictate the spotting distances and density of ignitions.

**Fine fibrous barks** - including stringybarks (e.g. jarrah), have loosely attached fibrous flakes and can produce massive quantities of embers (prolific spotting) for shorter (up to 0.75 km) and medium distances (up to 5 km).

Short distance spotting (including ember showers) are generally the result of embers and firebrands blown directly ahead of the fire with little or no lofting. Density tends to decrease with distance from the fire front.

Medium distance spotting results from embers and firebrands that are lofted briefly in a convection column or blown from an elevated position (e.g., from tree tops on ridges). With sufficient density and coalescing spot fires, this can rapidly increase the size of a fire (deep flaming) leading to dynamic fire behaviours and extreme fire events.

**Ribbon/candle type barks** - have longer burnout time, extended flight paths and are more likely to be responsible for longer distance spotting > 5 km (with up to 30 km having been authenticated). This results from significant lofting of large firebrands (e.g. curled hollow tubes of bark that can burn for 40 minutes) in well-developed convection columns. These develop as separate, independent fires. Very long distance spotting requires intense fire, maintenance of a strong convection column (to lift firebrands aloft) and strong winds aloft (to transport the firebrands).

**Other bark types** - that include coarsely fibrous (e.g. marri) / slab or smooth / platy and papery barks - produce lower quantities of embers and shorter distance spotting. Their highest bark hazard ratings that are lower than fine fibrous or ribbon barks.

*(Sources: CSIRO Climate and Disaster Resilience Report 2020 and Overall Fuel Hazard Assessment Guide 4<sup>th</sup> edition July 2010, Victoria DSE and Cruz, MG (2021) The Vesta Mk 2 rate of fire spread model: a user's guide. CSIRO).*

*The importance of establishing protection measures to mitigate the potential impact of consequential fire ignited by the ember attack mechanism, cannot be overstated.*

**RADIANT HEAT ATTACK:** This heat radiates in all directions from a bushfire and can potentially be felt hundreds of meters away. The amount of heat that a flame can transfer to other objects is influenced by the flame size and its temperature. These are a function of the characteristics of the fuels being burnt including fuel size, dryness, structure, arrangement and quantity. The bushfire is additionally influenced by the weather and topography factors that can intensify fire behaviour (described at end of this section).

Radiant heat:

- Can damage or destroy elements that are vulnerable to higher levels of heat;
- Can dry and heat vegetation and other fuels (combustible materials such as timber) to a temperature at which they ignite or are more easily ignited by existing flames or embers; and
- Is an extremely significant threat to people when they are not physically shielded. Protective clothing can provide only limited protection.

**BUSHFIRE FLAME ATTACK:** When flames make contact with structures they can flow over, under and around – impacting surfaces not directly facing the bushfire.

Flames will be longer when fine fuel loads are higher and will move faster up slopes and generally, slower down slopes.

Flame temperatures are highest in the lower parts of the flame and decrease towards the tip. The flame has two distinct regions - the lower solid body flame and the upper part that is a transitory flame (intermittently present). Both flame regions can damage structures.

Note: AS 3959:2018 *Construction of buildings in bushfire prone areas*, establishes both the construction requirements corresponding to each Bushfire Attack Level (BAL) and the methodology for determining a BAL. For a bushfire modelled using this methodology, the derived flame length only provides an estimate of the solid body flame length.

**SURFACE FIRE ATTACK:** These are low intensity fires (less than 0.5m high) burning along the ground consuming mostly intermittent fine fuels such as vegetation debris, litter, and mulches. They are typically patchy and erratic in their direction and short lived (<40 seconds) when burning in the absence of heavier fuels.

Typically these fires will be on the land immediately surrounding buildings and associated structures and other heavy fuels. Their importance as a threat is the bringing of direct flame contact, higher radiant heat and embers closer to these exposed elements.

## BUSHFIRE INDIRECT ATTACK MECHANISMS

**DEBRIS ACCUMULATION:** The relevant debris are combustible fine fuels that can accumulate (by falling or being windblown) in close proximity to subject structures and their surrounding structures and other heavy fuels. This makes the burning of these structures/fuels much easier and more likely through the ignition of the accumulated debris by ember attack.

This debris can accumulate over long time periods (years) in locations such as:

- On horizontal or close to horizontal surfaces and rough timber surfaces;
- Within re-entrant corners and roof gutters/valleys;
- Against vertical surfaces; and
- Within internal spaces /cavities and under sub-floors when gaps are present.

The potential threat level will be determined by:

- The presence of vegetation types that produce quantities of debris with those that produce in the driest and hottest part of the year presenting a greater threat;
- The extent of this vegetation; and
- The proximity of this vegetation to the exposed and vulnerable structures.

### CONSEQUENTIAL FIRE:

Consequential fire is the burning of vulnerable (combustible/flammable) materials, items and structures that exist within the area surrounding the subject building or structure – the surrounding vulnerable elements.

The burning of these surrounding vulnerable elements can result in the subject building/ structure being exposed to the direct fire attack mechanisms (threats) of flame, radiant heat, embers and surface fire from a close distance.

These are threats that are separate from and additional to the threats generated by the bushfire front itself - which can be and often is, a considerable distance away.

***The importance of establishing protection measures to mitigate the potential impact of consequential fire cannot be overstated.***

Consequential fire fuels consist of both fine and heavy fuels.

#### Fine fuels:

- Dead plant material such as leaves grass, bark and twigs thinner than 6mm (or live material less than 3mm thick that can be consumed in a fire involving dead material); and
- Originate from the indirect bushfire attack mechanism of 'debris accumulation' and potentially from other areas of landscaped vegetation.

#### Heavy and Large Heavy Fuels:

- **Stored combustible / flammable items:**
  - Building materials, packaging materials, firewood, sporting/playground equipment, outdoor furniture, matting, rubbish bins etc;
  - Large quantities of dead vegetation materials stored as part of site use;

- Liquids and gases; and
- Vehicles, caravans and boats, etc.
- **Constructed combustible items:**
  - Surrounding landscaping items - fences/screens, retaining walls, gazebos, plastic water tanks etc;
  - Attached structures - decks, verandahs, stairs, carports, garages, pergolas, patios, etc;
  - Adjacent structures - houses, sheds, garages, carports, etc. Structure to structure fire is a common cause of overall building loss in post bushfire event assessments [9].

**FIRE DRIVEN WIND:** Severe bushfires are commonly accompanied by high winds due to the prevailing weather conditions. Localised high winds can be induced by the bushfire. When the required factors exist, the bushfire can couple with the atmosphere (pyro-convective) resulting in extreme bushfire events and gusty, severe windspeeds.

These winds can directly damage the external envelope of a building or structure by pressure (low and high) or the carriage of varying types of solid debris. This provides openings for other bushfire attack mechanisms to enter and ignite internal cavities.

**TREE STRIKE/OBSTRUCTION:** Branches or trees, subject to strong winds and/or tree burnout, can:

- Damage the envelope of a structure creating openings for direct attack mechanisms of bushfire (or consequential fire) to ignite internal cavities or living space:
- Fall and obstruct access to or egress from, a structure or site being impacted by bushfire.

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## APPENDIX 5: THE BROADER LANDSCAPE AND EXTREME BUSHFIRE EVENTS

The content of this appendix is an overview of information that supports the assessment approach of section 5.4 of this report. It considers the risk implications arising from what is being learnt from the latest research work within the bushfire science of dynamic fire propagation and extreme fire development.

Any potential for extreme fire events to develop in the broader landscape surrounding the subject site, will result in increased in bushfire hazard threat levels to exposed elements and must be accounted for in the risk assessment.

The selected compilation of information is taken from various sources including peer reviewed research papers [references 1-3, 12, 15, 21, 27, 28, 41, 42].

### RECENT BUSHFIRE RESEARCH

Traditionally, bushfire modelling conducted to determine rates of spread, intensity, flame lengths, radiant heat etc and provide measurements of threat levels, has been based on the quasi-steady fire state (i.e. a fire propagating under constant and uniform fuel, weather and topography – after it has finished its growth phase).

More recent research has provided important insights into the dynamic nature of fire spread in the landscape and identified local drivers of bushfire risk and highlighted the role of environmental factors that are significant for large and extreme fire development.

These environmental factors include aspects of the vertical structure of the atmosphere, meso-scale fire weather processes (e.g., sea breezes, cold fronts, squall lines, convective complexes), interactions between the fire and the atmosphere, and the modification of fire weather and fire behaviour due to the local topography.

From this work, a number of processes that can contribute significantly to the level of risk posed by a bushfire have been identified. These include:

- Extreme fire weather processes;
- Dynamic fire propagation; and
- Violent pyroconvection and pyrogenic winds.

Of particular relevance to this risk assessment are the topographic aspects of the broader landscape surrounding the subject site and the potential it might present for dynamic fire propagation, development of extreme fire events and therefore increased bushfire hazard threat levels and consequent risk.

### DYNAMIC FIRE BEHAVIOURS

Dynamic fire behaviours (DFBs) result from interactions between the physical factors of fuel, terrain, fire weather conditions, atmosphere and different parts of the bushfire itself. They are physical phenomenon that involve rapid changes of fire behaviour and occur under specific conditions.

Certain DFBs occur at various scales and time frames (e.g. spotting), others only at large scales (e.g., conflagrations and pyroconvective events) and others at small scales and short time spans (e.g. junction fires, fire whirls). The following fire behaviours are considered DFBs:

#### Spotting

The production of embers/firebrands, carried by the wind/convective currents that ignite spot fires ahead of the bushfire front. Under extreme conditions, with the necessary fuels, mass spotting events can occur. Dependent on fuel types, winds and convective currents, embers can be consumed by the fire front itself or travel tens of kilometres. Spot fire occurrence can be so prevalent that spotting becomes the dominant propagation mechanism – with the fire spreading as a cascade of spot fires forming a 'pseudo' front.

#### Fire Whirl / Tornado

Various sized (<1m - >150m) spinning vortices of ascending hot air and gases that carry smoke, debris, and flame. The intensity of larger whirls compares to tornados. Can induce fire spread contrary to prevailing wind and ignite spot fires away from the fire front.

#### Junction Fire

Is associated with merging fire fronts that produces very high rates of spread and have the potential to generate fire whirls / tornadoes.

## Crown Fire

Types of tree crown fires have been categorised according to their degree of dependence on the surface fire phase - passive, active, independent - with the last two being considered dynamic fire behaviour.

Active crown fire is "a fire in which a solid flame develops in the crowns of trees, but the surface and crown phases advance as a linked unit dependent on each other."

Independent crown fires "advance in the tree crowns alone, not requiring any energy from the surface fire to sustain combustion or movement."

For a crown fire to start, a surface fire of sufficient intensity is first necessary. The distance between the heat source at the ground surface and the canopy-fuel layer will determine how much of the surface fire's energy is dissipated before reaching the fuels at the base of the canopy. The higher the canopy base, the lower the chance of crowning.

The existence of trees themselves, separated from surface fuels, can offer a degree of protection by absorbing radiant heat, trapping embers and shielding from winds. Necessary considerations include:

- Eliminating understorey fuels;
- Species Issue: Understanding the extent to which the trees will contribute to fuels (leaves/bark/twigs etc) that accumulate on the ground and when moved (wind) become involved in consequential fire away from the tree during the fire season. This needs to be considered against the maintenance capability (regular removal of material) of the responsible entity; and
- Species / Positioning Issue: Requirements include not being highly flammable, no loose stringy bark, less able to trap embers, not being prone to branches breaking in high winds potentially causing structural damage to buildings (allowing ember entry) and keeping crowns separated as an additional measure of safety and allow wind to permeate rather than be totally blocked.

## Eruptive Fire

Behaviour where the head fire accelerates rapidly on sufficiently steep terrain with sufficiently strong wind – as a result of fire plume attachment to the surface, bathing it in flames ahead of the front (pre-heating).

### Fire Channelling / VLS (vorticity-driven lateral spread)

Behaviour where rapid lateral fire spread, in generated vortices, occurs across a sufficiently steep leeward slope in a direction approximately transverse to the prevailing winds. This results in the rapid increase in width of the fire front. VLS are highly effective at producing mass spotting events.

## Conflagrations

These are large, intense, destructive fires. They have a moving front as distinguished from a fire storm (blow up / pyroconvective fire). With sufficient vegetation extent, fuel loads and the development of dynamic fire behaviours, the large amounts of heat and moisture released can cause its plume to rise into the atmosphere and develop large cumulus or cumulonimbus flammagenitus cloud (pyrocumulus or pyrocumulonimbus). Where the extent of vertical development is limited (e.g. a stable atmosphere, or insufficient flaming zone), the fire is likely to remain a surface based event.

## Downbursts

These are strong wind downdrafts associated with convective columns of heated air (and associated cloud forms). The consequent falling columns of cooled air induce an outburst of strong winds on or near the ground that radially spread causing fire spread in directions contrary to the prevailing wind.

## Pyroconvective Event

A pyro-convective event is an extreme manifestation of a conflagration that develops in an unstable atmosphere and can transition into a towering pyrocumulus or a pyrocumulonimbus (pyroCb's) that can extend to the upper troposphere or lower stratosphere. With the fire/atmosphere coupling, it has evolved beyond a purely surface based fire into dynamic fire propagation rather than quasi-steady propagation. In the violent pyroconvective system:

- As a fire's plume reaches higher into the atmosphere, larger scale mixing can cause drier and higher-momentum upper air to be transferred back to the surface, thereby further exacerbating the potential for more intense fire behaviour, including fire spread contrary to the prevailing wind direction;
- Pyrogenic winds can cause considerable damage to structures, directly or indirectly, increasing their vulnerability to bushfire attack mechanisms; and

- The pyroCb's carry dense ember loads, fire and other burning debris and generate lightning, all with very little rain or hail that would typically occur with an ordinary thunderstorm.

## DRIVERS OF DEEP FLAMING

Deep flaming is the fire condition when the active flaming zone is unusually large and flame-front intensity is simultaneously great, resulting in large quasi-instantaneous energy release.

Deep flaming can be produced by numbers of mechanisms on varying terrain (flat, undulating or rugged) when a large enough area of sufficiently heavy fuels is present. These mechanisms include:

- Very strong winds – so the head fire advances more rapidly than the back of the flaming zone;
- Change in wind direction – so the long flank of a fire is transformed into a fast running head fire;
- Eruptive fire behaviour – where steep slopes can cause a fire to accelerate rapidly;
- Vorticity-driven lateral spread (wind channelling) – where strong winds and steep terrain interact to rapidly drive a fire laterally, accompanied by downwind mass spotting and consequent coalescing of spot fires forming large areas of flame (can include the DFB of 'junction fire').

Research has identified strong links between:

- Eruptive fire behaviour, VLS and the occurrence of deep flaming; and
- The development of deep flaming and extreme bushfire events.

## EXTREME BUSHFIRE EVENTS

Extreme bushfire events create disproportionate risks to human and environmental. Their development is affected by dynamic feedback processes that result in unpredictable behaviour, and the worsening of rates of spread and intensities - even when environmental conditions are consistent.

The term 'extreme bushfire' is applied in the recent bushfire science literature in two ways:

1. Where it refers to large, intense bushfires in which one or more DFBs are simultaneously involved; and
2. Where it more specifically refers to a fire that exhibits deep or widespread flaming in an atmospheric environment conducive to the development of violent pyroconvection, often manifesting as towering pyrocumululus (pyroCu) or pyrocumulonimbus (pyroCb) storm(s) – also referred to as blow-up fire event(s).

A distinguishing feature of these types of fires is that they involve a coupling of the fire with an unstable atmosphere to a much greater vertical extent, well above the mixed layer, which modifies or maintains the fire's propagation (e.g. through mass spotting, blustering winds and lightning);

**Relevance to Risk Assessment:** Given that this risk assessment is concerned with identifying the potential for the broader landscape surrounding the subject site to increase bushfire risk, the following common aspects of the two above descriptions are relevant:

- An extreme fire is a large intense fire, so it requires a sufficient area and sufficient fuels in which to develop; and
- An extreme fire of scale requires the formation of deep flaming to develop.

Consequently, the risk assessment is primarily focused on the extent and fuel types/loads of bushfire prone vegetation and the existence of terrain (topography) properties necessary for the relevant dynamic fire behaviours - rather than the potential for adverse fire weather / atmospheric conditions - whose likely occurrence can be assumed as possible.

Note also that the second description requires an unstable atmosphere - to enable deep/violent pyroconvection and subsequent significant cloud formation and latent heat release. This is not essential for the first. Consequently, this identifies a potential difference between the two defined extreme bushfire events to be considered when assessing risk:

- Large, intense bushfires can occur without deep convective column development. These fires remain as surface fires (essentially wind-driven fires), with a greater predictability of behaviour; and
- Large, intense bushfire that couple with an unstable atmosphere are no longer surface based. They are associated with a higher level of energy, chaos, and nonlinearity due to the enhanced (fire-induced)

interaction between the boundary layer and the free troposphere, which may introduce factors that act to maintain or enhance widespread flaming. The fire behaviour is much more unpredictable.

## PHYSICAL REQUIREMENTS OF TERRAIN, FUEL LOAD (AND WINDSPEED) FOR DEEP FLAMING

The dynamic fire behaviours of eruptive fire and VLS and associated mass spotting, along with potential for topographically modified winds to develop, are strongly linked with the development of deep flaming, which is a prerequisite for extreme bushfire events.

There are certain environmental thresholds that are required to be met for these dynamic fire behaviours to occur. These are described below and form part of the assessment of the bushfire hazard in Section 5.5.

### Eruptive Fire Behaviour

Eruptive fires are characterised by a rapid acceleration of the head fire rate of spread (exponential increases in rate of spread have been observed). It results in a rapid deepening of the flaming zone (larger area of active flame), from which heat is released into the atmosphere.

Eruptive fire results from the interaction between the slope of the terrain and the fire's plume. In the absence of wind, plume attachment can be expected on terrain that is inclined at roughly 24° or more and the effects of wind could cause plume attachment on slopes inclined at angles of 24° or lower. Consequently, the primary topographic requirement for eruptive fire is sufficiently steep terrain and sufficiently strong wind.

"This mode of fire propagation is completely contrary to that expected under the quasi-steady fire spread paradigm ... eruptive fire behaviour poses a serious threat to the successful containment of a bushfire and provides a mechanism that can substantially elevate the risk posed by a bushfire in areas that are prone to its occurrence".

Rugged terrain (areas with local topographic relief >300m), is particularly prone to eruptive fire (and dynamic fire behaviours in general).

### Fire Channelling (Vorticity-Driven Lateral Spread)

Fire channelling (VLS) exists when a fire exhibits rapid spread in a direction transverse to the synoptic winds as well as in the usual downwind direction. It is characterised by intense lateral and downwind spotting and production of extensive flaming zones.

VLS is highly effective at producing mass spotting events. A link between deep flaming events caused by VLS and the formation of pyroCb has been demonstrated. Under extreme conditions, spot fire occurrence can be so prevalent that spotting becomes the dominant propagation mechanism.

VLS can only be expected to occur on parts of the landscape, and under certain fire weather conditions. VLS occurrence depends critically on the following:

- o Leeward slopes greater than 20-25° are required;
- o Wind direction must be within 30-40° of the topographic aspect;
- o Wind speed in excess of about 20 km h<sup>-1</sup> are required;
- o Generally VLS is only observed in heavy forest fuel types with load in excess of 15-20 t ha; and
- o Fuel moisture content – dense spotting and downwind extension of the flaming zone are far more likely when fuel moisture contents are around 5% or less.

### Topographically Modified Surface Winds - Downslope Winds

In WA the scarp winds are the well-known local occurrence of downslope winds. Similar meteorological phenomena (typically as foehn winds) occur in the lee of mountain ranges in many parts of the world, particularly on ranges with gentle windward and steep leeward slopes.

Scarp winds are nocturnal, strong and gusty winds that develop near the base of the scarp through summer months. The local mechanism is for a synoptic easterly flow, causing air to rise to the top of the scarp from further inland, at which point it is cooler and denser than the surrounding air mass. This produces an unstable situation and consequently the air flows down the scarp as a turbulent density current.

There are implications for enhanced fire activity for a fire located in a region of downslope winds, as they provide a clear mechanism for rapid, irregular direction of fire spread as well as turbulent transport of firebrands and plume development. If a 'hydraulic jump' is also present, the strong vertical motion in the jump region is a mechanism for lofting and dispersal of firebrands further ahead of the bushfire front.

## APPENDIX 6: HAZARD REDUCTION BURNING – ADDITIONAL INFORMATION

The following information provides supporting guidance to the relevant bushfire protection measures that reduce bushfire hazard threat levels by reducing fuel levels.

### 1. SIGNIFICANT AREAS (LARGER) AREAS OF BUSHFIRE PRONE VEGETATION

#### Annually

Prior to the bushfire season ensure the following management of the identified areas of vegetation is conducted:

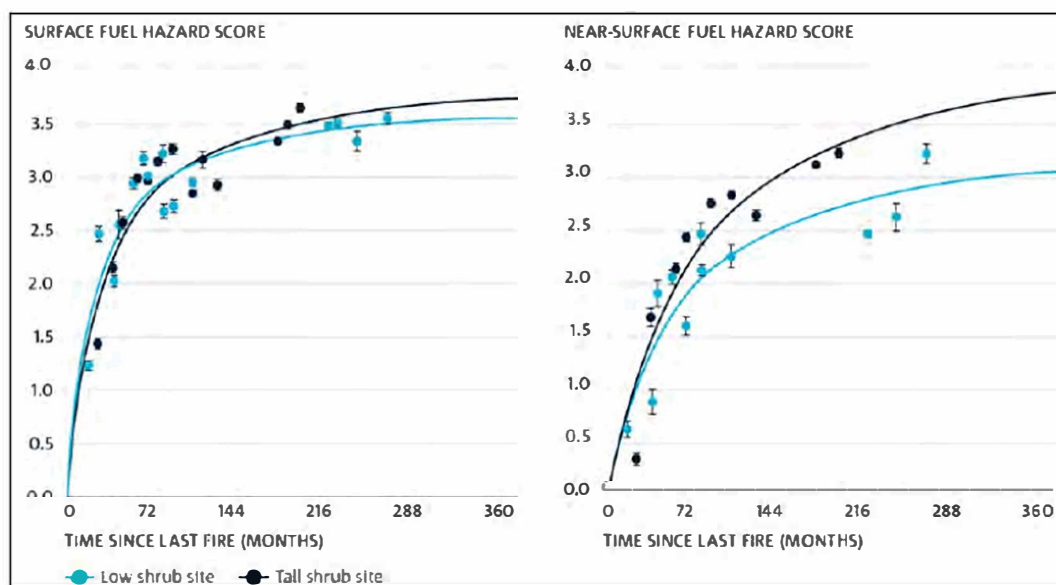
- Maintain the pruning of all trees and tall shrubs to a height of at least 2m from the ground and remove the material; and
- Remove any dead trees (that are not habitat trees), fallen branches and dead shrubs.

#### Burn Interval

Conduct hazard reduction burns at intervals that will ensure surface and near surface fuel loads (i.e. fine fuels – accumulated leaf litter, combustible plant materials and twigs up to 6mm diameter) remain less than 8 t/ha at all times.

It is likely the burning interval will need to be shorter than that which is typically currently conducted. The following statement and data from the Climate and Disaster Technical Report, CSIRO, 2020 [17] indicates the requirement for increased frequency of hazard reduction due to the rapid increase in surface and near surface fuel loads after hazard reduction burning.

*“The only study published on the dynamics and structure of fine fuel in dry eucalypt forest following prescribed fire is that of Gould et al. (2011) utilising data to drive an exponential fuel accumulation relation for the key fuel attributes of surface fuel hazard and near-surface fuel hazard. In this study of time since fire in jarrah forest (Eucalyptus marginata), it was found that, over the 20-year period of the study (1979-1999) while surface fuel loads continued to increase indefinitely (up to and beyond 20 years), attributes such as percent cover and hazard score essentially plateaued after 6-9 years. Similarly, near-surface fuel loads were found to stop increasing significantly after 15-18 years whereas near-surface height and hazard score stopped increasing significantly after 9-12 years and 12-15 years, respectively (Figure 14). Bark hazard was found to be affected by hazard reduction burning for up to 12 years after hazard reduction burning”*



*“Figure 14 Recovery of surface (left) and near-surface fuel hazard (right) in Jarrah Forest following hazard reduction burning. Under these conditions these fuel attributes returned to equivalent long unburnt state after approximately 12-15 years but the response in the first few years following burning is extremely rapid, **achieving 75% of fuel hazard within 4 years (surface) and 5-7 years (near-surface) depending on presence of shrub layer (Redrawn from Gould et al. 2011)”***

## 2. THE BROADER LANDSCAPE

The following information has merit for consideration and is taken from the peer reviewed paper 'A framework for prioritising prescribed burning on public land in Western Australia'; Howard T. et al, DBCA and DFES; *International Journal of Wildland Fire* 2020, 29, 314-325.

To develop and apply this protection measure it is likely interested entities, such as local government will need to engage and work with the relevant state government agency responsible for the identified areas of vegetation.

The collaboration will be necessary to establish the required indicators of acceptable risk - as they are determined through the application of the following published framework - and to establish a responsibility to conduct the ongoing management of these areas of vegetation to maintain compliance with the established indicators.

### KEY RELEVANT POINTS FROM THE FRAMEWORK (QUOTED)

#### Introduction to the framework:

- *The framework provides principles and a rationale for programming fuel management with indicators to demonstrate that bushfire risk has been reduced to an acceptable level.*
- *Each bushfire risk management zone is divided into fire management areas, based on the management intent. These are areas where fuels will be managed primarily to minimise the likelihood of fire causing adverse impacts on human settlements or critical infrastructure, to reduce the risk of bushfire at the landscape scale or to achieve other land management outcomes. Indicators of acceptable bushfire risk are defined for each fire management area and are modified according to the distribution of assets and potential fire behaviour in the landscape.*
- *The framework establishes principles and a rationale for programming fuel management and, critically, provides indicators that demonstrate that bushfire risk has been reduced to an acceptable level. The acceptable level of bushfire risk is determined through a risk assessment and prioritisation process.*

#### Principles for managing bushfire risk applied in the framework:

- **Consistent with international standard:** *The regional risk framework commits to applying risk management in a manner that is consistent with AS ISO 31000: 2018 Risk management guidelines (Standards Australia 2018). This involves adherence to the principles of risk management, and applying the risk management process to the identification, assessment and treatment of risk.*
- **Fuels are managed to reduce the harm:** *Managing the fuel available to burn is critical to managing the threat posed by bushfire. The available fuel, and its structure, affect the speed and intensity of a bushfire, which, in turn, determine both its potential to cause damage and suppression difficulty. Done at appropriate temporal and spatial scales, managing the quantity, structure and distribution of fuel available has been demonstrated to be an effective and efficient way to reduce the severity and extent of damage by bushfires.*
- **Fuel management does not eliminate risk:** *Fuel management aims to reduce the negative consequences of bushfires rather than prevent their occurrence. Given the importance of fire to maintaining ecosystem health and resilience, it is neither desirable nor feasible to eliminate bushfire from natural landscapes and it is recognised that both planned and unplanned fire can have benefits. Fuel management aims to reduce risk to an acceptable level by greatly enhancing and supporting the effectiveness of other measures, including bushfire law, fire suppression, urban planning, building codes for fire-prone areas and community preparedness.*
- *Fuel management is planned and integrated. Bushfire management puts people first, risk is managed at an appropriate scale and ecological requirements are considered when managing fuel.*

#### Framework for managing bushfire risk by prescribed burning:

- *The framework identifies bushfire risk management zones (BRMZ), recognises different fuel types (and associated fuel accumulation and fire behaviour models), classifies public lands within each zone into fire management areas (FMA) - with the Settlement-Hazard Separation classification being the relevant fire management area for the Mundaring town centre - and develops indicators of acceptable risk.*
- **Bushfire Risk Management Zones:** *The framework identifies eight bushfire risk management zones (BRMZ) characterised by broad consistency of land use, asset distribution, fire environment (vegetation, fuels and climate) and fire management practices that combine to create a characteristic risk profile (Fig. 2). The Southwest zone includes the majority of the state's population, urban development and infrastructure.*
- **Fuel Types:** *The framework recognises 13 broad types across Western Australia. Fuel types are based primarily on structural attributes of the vegetation that influence fire behaviour. For each fuel type, best available information*

has been assembled regarding post-fire patterns of fuel accumulation, fire ecology, including the requirements of fire sensitive species and communities, harmful fire regimes and fire regimes compatible with ecosystem health. Where possible, the framework assigns each fuel type appropriate fuel accumulation and fire behaviour models and identifies the key weather attributes required to model fire behaviour. These models are used when setting indicators of acceptable bushfire risk, which are defined for different fuels according to the rates of fuel accumulation and the fire behaviour they may support.

- **Fire Management Areas:** Public lands within each BRMZ are further classified into four fire management areas (FMAs) characterised as Settlement-Hazard Separation, Critical Infrastructure Buffer, Landscape Risk Reduction and Remote Area Management. These FMAs are defined by the primary intent of fuel management, which is a function of potential fire behaviour and the type and distribution of assets characteristic of the area. The framework recognises six classes of assets that may be affected by bushfire: settlements, dispersed populations, critical infrastructure, protected species and communities, economic assets and other assets (non-critical infrastructure, ecological, cultural).
- The Settlement-Hazard Separation FMA provides an area proximal to settlements where fuels are managed relatively intensively to minimise the likelihood of a bushfire being sustained, damaging properties or endangering people. Here, fuel management to protect settlements takes precedence over other land management objectives, though other land management outcomes can be pursued to the extent that they do not conflict with the primary management intent.
- The extent of the area described by each FMA varies according to the fuel type and the BRMZ in which it occurs ... The breadth of the Settlement-Hazard Separation FMA is calculated to be sufficient to significantly reduce the likelihood of damage to assets from direct flame contact, radiant heat and ember attack and to provide adequate opportunity for fire suppression. This calculation is based on a combination of data derived from fire behaviour models and expert practitioner judgement. The Settlement-Hazard Separation FMAs are the largest in forest fuels that are prone to long-range spotting, severe ember storms and crown fire behaviour.
- **Indicators of Acceptable Bushfire Risk:** Are set for bushfire-prone fuel types in each FMA ... Indicators are expressed in terms of the proportion of the landscape that is managed such that the treated fuels will not support a head fire of an intensity that precludes effective suppression action under weather conditions corresponding to the 95th percentile fire danger index ... Weather conditions (air temperature, relative humidity, wind speed) corresponding to the 95th percentile FFDI are identified and used as inputs to fire behaviour models for calculating forward rate of spread and fire intensity (Table 1).
- The intent of fuel management is to reduce the quantity and alter the arrangement of fuels such that a bushfire is likely to spread more slowly, burn with lower intensity, be easier to suppress and cause less damage.
- **The indicators of acceptable risk for the Settlement-Hazard Separation FMA for open eucalypt forest and tall/open eucalypt forest is a target of 60% of fuel less than threshold intensity for a distance of 5km surrounding settlements.**

As an open eucalypt forest example at the Perth rural urban interface, the fuel age and load to achieve threshold fire intensity under weather conditions representing 95<sup>th</sup> percentile values of the FFDI for the Bickley location are stated as 5 years and 8 t/ha.

## APPENDIX 7: BUSHFIRE ATTACK LEVELS AND BAL CONTOUR MAPS EXPLAINED

Bushfire attack levels are determined using the methodology established by AS 3959:2018 Construction of buildings in bushfire prone areas. The Standard defines a bushfire attack level (BAL) as a "means of measuring the severity of a building's exposure to ember attack, radiant heat and direct flame contact, using increments of radiant heat expressed in kW/m<sup>2</sup>."

Each BAL rating represents a set range of radiant heat flux (see table below). The amount of radiant heat and flame lengths generated by a bushfire is dependent on many factors that are modelled using the Standard's fire behaviour and flame length models. Key factors include vegetation type, terrain and a range of fire weather factors.

The variation that can exist in these factors results in different separation distances, away from bushfire prone vegetation, corresponding to a given BAL rating.

In assessing risk, knowing the separation distances away from each identified area of classified vegetation that correspond to a BAL rating, assists with evaluating threat levels from that bushfire hazard and the exposure levels of elements at risk.

Bushfire Attack Level	Explanation [Source AS3959:2018]
<b>BAL – LOW</b>	There is insufficient risk to warrant specific construction requirements but there is still some risk. <i>Important Note: For AS3959:2018 purposes, BAL-LOW will exist at 100m from classified vegetation (50m for Grassland).</i> <i>However, embers/firebrands from certain vegetation types can ignite spot fires ahead of the fire front for significant distances – short range spotting up to 740m, medium range spotting up to 5km and long range spotting has been authenticated up to 30km.</i>
<b>BAL – 12.5</b>	There is a risk of ember attack. Construction elements are expected to be exposed to heat flux not greater than 12.5 kW/m <sup>2</sup>
<b>BAL – 19</b>	There is a risk of ember attack and burning debris ignited by windborne embers and a likelihood of exposure to radiant heat. The construction elements are expected to be exposed to a heat flux not greater than 19 kW/m <sup>2</sup> .
<b>BAL – 29</b>	There is an increased risk of ember attack and burning debris ignited by windborne embers and a likelihood of exposure to an increased level radiant heat. The construction elements are expected to be exposed to a heat flux not greater than 29 kW/m <sup>2</sup> .
<b>BAL – 40</b>	There is a much increased risk of ember attack and burning debris ignited by windborne embers, a likelihood of exposure to a high level of radiant heat and some likelihood of direct exposure to flames from the fire front. The construction elements are expected to be exposed to a heat flux not greater than 40kW/m <sup>2</sup> .
<b>BAL – FZ (Flame Zone)</b>	There is an extremely high risk of ember attack and burning debris ignited by windborne embers, and a likelihood of exposure to an extreme level of radiant heat and direct exposure to flames from the fire front. The construction elements are expected to be exposed to a heat flux greater than 40 kW/m <sup>2</sup> .

### THE BAL CONTOUR MAP - ILLUSTRATING THE CALCULATED SEPARATION DISTANCES CORRESPONDING TO BAL RATINGS

The BAL contour map illustrates different coloured contour intervals extending out from each different area of classified bushfire prone vegetation. The minimum and maximum distances of each contour, from each area of vegetation, is a diagrammatic representation of the calculated separation distances that correspond to each BAL rating. These take into account the specific site conditions.

Each coloured contour represents a different bushfire attack level and anything within that contour will be subject to that BAL rating and its corresponding level of radiant heat.



## ADDENDUM 1

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### 1. ADDENDUM SUB-HEADING

## GLOSSARY

	APPLIED TERMINOLOGY
<b>Consequence</b>	<p>The outcome of an event or situation expressed qualitatively or quantitatively, being a loss, injury, disadvantage or gain. In the emergency risk management context, consequences are generally described as the effects on persons, society, the environment and the economy. <i>(Source: DPLH 2019)</i></p> <p>An impact on the natural, economic, built or social environments as a result of the hazard. The consequences are influenced by the vulnerability of elements at risk, by the exposure of elements at risk to the hazard, and by the characteristics of the hazard. <i>(Source: PIA, 2015).</i></p> <p>The outcome of an event that affects objectives. Can be a range of consequences; can be certain or uncertain; can have positive or negative effects; can be expressed qualitatively or quantitatively; can escalate through knock-on effects. <i>(Source: ISO Guide 73:2009)</i></p>
<b>Controls</b>	<p>A measure that maintains and/or modifies risk. Controls include, but are not limited to, any process, policy, device, practice, or other conditions and/or actions which maintain and/or modify risk. <i>(Source: AIDR Knowledge Hub; Glossary)</i></p> <p>A control is any measure or action that modifies or regulates risk. Controls include any policy, procedure, practice, process, technology, technique, method, or device that modifies or regulates risk. Risk treatments become controls, or modify existing controls, once they are implemented. <i>(Source: Praxiom)</i></p> <p><i>Note: 'Protection Measures' and 'Risk Treatments' will be alternative terms used in this risk assessment report.</i></p>
<b>Decision Maker</b>	<p>The Minister for Planning, State Administrative Tribunal, Western Australian Planning Commission, Development Assessment Panel, any other State decision-making authorities, and/or the relevant local government and their delegates that make decisions regarding the application of this Policy. <i>(Source: SPP 3.7)</i></p> <p>For proposed development or use that is not subject to planning approval, the relevant decision makers are those tasked with the development and management of a development or use. Typically this might be an existing development/use for which an improved bushfire performance is being sought.</p>
<b>Elements At Risk</b>	<p>The population, buildings and civil engineering works economic activities, public services and infrastructure, etc. exposed to hazards. <i>(Australian Institute for Disaster Resilience, 2019)</i></p>
<b>Exposure</b>	<p>Refers to the people and things in the path of potential hazards. <i>(Source: AIDR LUPDRC, 2020)</i></p> <p>The elements within a given area that have been, or could be, subject to the impact of a particular hazard. Bushfire exposure can refer to property that may be endangered by a fire burning in another structure or by a bushfire. <i>(Source: AIDR Knowledge Hub; Glossary)</i></p> <p>The situation of people, infrastructure, housing, production capacities and other tangible human assets located in hazard prone areas. Measures of exposure can include the number of people or types of assets in an area. These can be combined with the specific vulnerability and capacity of the exposed elements to any particular hazard to estimate the quantitative risks associated with that hazard in the area of interest. <i>(Source: UNDRR, 2017)</i></p>

<p><b>Hazard</b></p>	<p>A process, phenomenon or human activity that may cause loss of life, injury or other health impacts, property damage, social and economic disruption or environmental degradation.</p> <p>Hazards may be natural, anthropogenic or socionatural in origin.</p> <ul style="list-style-type: none"> <li>• <b>Natural hazards</b> are predominantly associated with natural processes and phenomena (note: disasters often follow natural hazards, but there is no such thing a natural disaster);</li> <li>• <b>Anthropogenic hazards</b> are human-induced – being induced entirely or predominantly by human activities and choices;</li> <li>• <b>Socionatural hazards</b> are associated with a combination of natural and anthropogenic factors, including environmental degradation and climate change.</li> </ul> <p>Hazards may be single, sequential or combined in their origin and effects. Each hazard is characterized by its location, intensity or magnitude, frequency and probability.</p> <p><i>(Source: UNDRR Terminology 2017)</i></p> <p>A source of potential harm or a situation with a potential to cause loss. A potential or existing condition that may cause harm to people, or damage to property or the environment. A source of risk. <i>(Source: AIDR Knowledge Hub; Glossary)</i></p>
<p><b>Hazardous Event</b></p>	<p>The manifestation of a hazard in a particular place during a particular period of time.</p> <p>[Severe hazardous events can lead to a disaster as a result of the combination of hazard occurrence and other risk factors.]</p> <p><i>(Source: United Nations Office for Disaster Risk Reduction, 2017)</i></p>
<p><b>Hazard Identification</b></p>	<p>The process of recognising that a hazard exists and defining its characteristics. <i>(Australian Institute for Disaster Resilience, 2019)</i></p>
<p><b>Hazard - Bushfire</b></p>	<p>A fuel complex, defined by amount, type condition, arrangement, and location, that determines the degree of hazard. <i>(Source: AIDR Knowledge Hub; Glossary)</i></p> <p>The term 'bushfire hazard' in this assessment report is intended to refer to both bushfire prone vegetation and the associated potential bushfire event itself. The term 'bushfire' is being applied as the common term for forest, scrub, shrub, and grass fire events.</p>
<p><b>Hazard - Urban Fire</b></p>	<p>1. Susceptibility of a material to burn. 2. The presence of combustible materials. 3. A process or activity posing a fire risk if not adequately controlled. <i>(Source: AIDR Knowledge Hub; Glossary)</i></p>
<p><b>Hazardous Material</b></p>	<p>A substance or material which has been determined by an appropriate authority to be capable of posing an unreasonable risk to health, safety and property. <i>(Source: AIDR Knowledge Hub; Glossary)</i></p>
<p><b>Impact</b></p>	<p>Describes as a quantitative or qualitative measure, the relative potential ability of a threat to adversely affect an exposed element or of a protection measure to reduce threat, exposure or vulnerability levels and consequently, risk levels.</p>
<p><b>Likelihood</b></p>	<p>Chance of something happening. The likelihood level reflects the probability of <b>both the emergency event and the estimated consequences</b> occurring as a result of the event. <i>(Source: AIDR NERAG, 2020)</i></p> <p>In risk management terminology, the word 'likelihood' is used to refer to the chance of something happening, whether defined, measured or determined objectively or subjectively, qualitatively or quantitatively, and described using general terms or mathematically - such as a probability or a frequency over a given time period. <i>(Source: ISO Guide 73:2009)</i></p>

	<p>The chance of an event occurring. Likelihood may be represented as a statistical probability (such as Annual Exceedance Probability), or where this is not possible, it can be represented qualitatively using such measures as 'likely', 'possible', and 'rare'. (Source: PIA, 2015).</p>
<b>Mitigation</b>	<p>The lessening or minimizing of the adverse impacts of a hazardous event. The adverse impacts of hazards, in particular natural hazards, often cannot be prevented fully, but their scale or severity can be substantially lessened by various strategies and actions. Mitigation measures include engineering techniques and hazard-resistant construction as well as improved environmental and social policies and public awareness. (Source: UNDRR, 2017)</p>
<b>Reliability</b>	<p>Refers to the expected reliability of a designed solution (protection measure). Over time it will be a function of:</p> <ul style="list-style-type: none"> <li>• Its initial likely reliability;</li> <li>• Its durability which may or may not be a function of maintenance;</li> <li>• The level of maintenance required;</li> <li>• The likelihood of solution being modified over time; and</li> <li>• The influence of other adjoining/adjacent structures or stored materials that may be installed after the initial construction.</li> </ul> <p>(Adapted from Kelly M. et al; <i>Structural Design Options for Residential Buildings in Bushfire Areas</i>, Australasian Structural Engineering Conference November 2016)</p>
<b>Resilience</b>	<p>The ability of a system, community or society exposed to hazards to resist, absorb, accommodate, adapt to, transform and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions through risk management. (United Nations Office for Disaster Risk Reduction, 2017)</p> <p>Is that property of a building, system, or community that facilitates its return to a functional state following an overload. In the context of bushfire damage, resilience will be maximised when:</p> <ul style="list-style-type: none"> <li>• There is a high probability of an attacked building remaining fit for purpose; and</li> <li>• There is a low time and cost to make badly damaged buildings fit for purpose.</li> </ul> <p>(Adapted from Kelly M. et al; <i>Structural Design Options for Residential Buildings in Bushfire Areas</i>, Australasian Structural Engineering Conference November 2016)</p>
<b>Robustness</b>	<p>Refers to that property of structural systems that seeks to achieve proportionality of damage to the severity of an overloading event. It will be maximised when bushfire design solutions:</p> <ul style="list-style-type: none"> <li>• Have few 'weak links' that allow progressive spread of damage from minor sources;</li> <li>• Consist of materials and assemblies that retain physical properties when thermally loaded beyond their design capacity; and</li> <li>• Include protection of inherently vulnerable and brittle elements. Such as openings to internal parts of structures (including doors and windows) and essential services that maintain required functioning (e.g. cabling and plumbing).</li> </ul> <p>(Adapted from Kelly M. et al; <i>Structural Design Options for Residential Buildings in Bushfire Areas</i>, Australasian Structural Engineering Conference November 2016)</p> <p>As a design principle it means that the design and materials are not easily damaged or compromised, and do not require manual operation or intervention to work (Source: State Government of Queensland, CSIRO, 2020)</p>

<b>Redundancy</b>	<p>Refers to design that ensures the fate of the subject building/structure is not reliant on the effective performance of a single element. (State Government of Queensland, CSIRO, 2020)</p> <p>An example is a roof system that does not rely solely on the roof cladding to resist bushfire threats. It has additional layers of resistance including non-combustible roof/ceiling framing, insulation and ceiling lining, and the sealing/screening of gaps into internal operating spaces.</p>
<b>Risk</b>	<p>Disaster risk is the potential loss of life, injury, or destroyed or damaged assets which could occur to a system, society or a community in a specific period of time, determined probabilistically as a function of hazard, exposure, vulnerability and capacity. (Source: UNDRR, 2017)</p> <p>Disaster risk is a product of a hazard (a sudden event or shock), exposure (the people and things in the path of potential hazards), vulnerability (the potential for those people and things to be adversely impacted by a hazard) and the capacity (the ability for those people and assets and systems to survive and adapt). (Source: ADR LUPDRC, 2020)</p> <p>Risk is the chance of something happening that will have an impact upon objectives. It is measured in terms of consequences and likelihood. In <u>emergency management</u> it is a concept used to describe the likelihood of harmful consequences arising from the interaction of hazards, communities and the environment. (Source: PIA, 2015)</p>
<b>Risk Management</b>	<p>Disaster risk management is the application of disaster risk reduction policies and strategies to prevent new disaster risk, reduce existing disaster risk and manage residual risk, contributing to the strengthening of resilience and reduction of disaster losses. (Source: UNDRR, 2017)</p> <p>Coordinated activities of an organisation or a government to direct and control risk. The risk management process includes the activities of:</p> <ul style="list-style-type: none"> <li>• Communication and consultation;</li> <li>• Establishing the context;</li> <li>• Risk Assessment (risk identification, risk analysis, risk evaluation);</li> <li>• Risk Treatment; and</li> <li>• Monitoring and Review. (Source: ADR NERAG, 2020)</li> </ul>
<b>Risk Identification</b>	<p>Process of finding, recognising and describing sources of risks, their causes and their potential consequences. (Source: ISO Guide 73:2009)</p> <p>It is a process used to find, recognise, and describe the risks that could affect the achievement of objectives. (Source: Praxiom)</p>
<b>Risk Source</b>	<p>An element which, alone or in combination, has the intrinsic potential to give rise to risk. (Source: ISO Guide 73:2009)</p>
<b>Risk Assessment</b>	<p>Disaster risk assessment is a qualitative or quantitative approach to determine the nature and extent of disaster risk by analysing potential hazards and evaluating existing conditions of exposure and vulnerability that together could harm people property, services and livelihoods and the environment on which they depend. Assessments include the identification of hazards; a review of the technical characteristics of hazards such as their location, intensity, frequency, and probability; the analysis of exposure and vulnerability, including the physical, social, health, environmental and economic dimensions; and the evaluation of the effectiveness of prevailing and alternative coping capacities with respect to likely risk scenarios. (Source: UNDRR, 2017)</p> <p>The overall process of risk identification, risk analysis and risk evaluation. (Source: ISO Guide 73:2009)</p>

<p><b>Risk Analysis</b></p>	<p>The process to comprehend the nature of risk and determine the level of risk. Provides the basis for risk evaluation and decisions about risk treatment. <i>(Source: ISO Guide 73:2009)</i></p> <p>Is a process that is used to understand the nature, sources, and causes of the risks that you have identified and to estimate the level of risk. It is also used to study impacts and consequences and to examine the controls that currently exist. How detailed your risk analysis ought to be will depend upon the risk, the purpose of the analysis, the information you have, and the resources available. <i>(Source: Praxiom)</i></p> <p>In this risk assessment report, risk analysis is the part of the risk assessment process that assesses the hazard threat levels, identifies the protection measures (and their effectiveness) that can be applied and derives the levels of exposure and vulnerability of the identified elements at risk, based on the ability to apply protection measures.</p> <p>From this information indicative risk levels can be derived. Where relevant sets of risk factor criteria and a risk level matrix have been established by the relevant authorities, a determined risk level can be derived.</p> <p>The required risk level analysis can be conducted for either each exposed element separately and/or the proposed or existing development/use overall.</p>
<p><b>Risk Evaluation</b></p>	<p>The process used to determine risk management priorities by evaluating and comparing the level of risk against predetermined standards, target risk levels or other criteria. <i>(Source: PIA, 2015)</i></p> <p>In this risk assessment report, it is the process of classifying the acceptability of the levels of risk, derived from the risk analysis, by reference to an established risk tolerance scale. The relevant tolerance scale will be that derived from the application of the 'as low as reasonably practicable' principle – 'ALARP' (refer to Appendix 3 for further information).</p> <p>This process can only be conducted when <u>determined</u> risk levels have been derived.</p>
<p><b>Risk Factor Criteria</b></p>	<p>In this risk assessment report, the risk factor criteria establish the parameters that will define the different hazard threat levels, the different levels of exposure of elements at risk and the different levels of vulnerability of elements at risk. Different sets of risk factor criteria can exist corresponding to different development types, uses and scale. They are applied as part of the risk analysis.</p> <p>These criteria are established by the relevant authorities as they must reflect societies preparedness to tolerate risk and be determined by those authorities exercising their responsibilities.</p>
<p><b>Risk Level Matrix</b></p>	<p>In this risk assessment report, the risk level matrix establishes how the assessed levels of hazard threats, exposure and vulnerability are to be analysed in deriving a determined risk level. It is applied as part of the risk analysis.</p> <p>The matrix is established by the relevant authorities as they must reflect societies preparedness to tolerate risk and be determined by those authorities exercising their responsibilities.</p>
<p><b>Risk Tolerance Scale</b></p>	<p>In this risk assessment report the applied risk tolerance scale defines the acceptability of determined risk levels based on the 'as low as reasonably practical' principle (ALARP).</p> <p>The risk tolerance scale can be applied within the risk assessment report when the required risk factor criteria and risk level matrix are available.</p>
<p><b>Risk - Inherent</b></p>	<p>In this risk assessment report, inherent risk is considered to be current risk after accounting for existing and any 'planned' protection measures (controls / risk treatments) but before the application of any additional protection measures that have been identified and recommended by the bushfire consultant – and which subsequently determines the residual risk (this approach is supported by the relevant information sourced from the two references below).</p>

	<p>'Planned' protection measures are those that are incorporated into the site development plans and those that exist in an approved Bushfire Management Plan (BMP) and/or Bushfire Emergency Plan (BEP) and for which a responsibility for their implementation has been created.</p> <p>If a BMP or BEP is yet to be developed or is being developed concurrently, the additional protection measures it contains (including any that are part of relevant 'acceptable solutions' established by the 'Guidelines for planning in bushfire prone areas', DPLH as amended), are considered to be additionally recommended protection measures.</p> <p><b>1. Source: <a href="http://www.fairinstitute.org">www.fairinstitute.org</a></b></p> <p><i>"Confusion exists between Inherent Risk and Residual Risk ... Here are the standard definitions of the two concepts:</i></p> <ul style="list-style-type: none"> <li>• <i>Inherent risk represents the amount of risk that exists in the absence of controls.</i></li> <li>• <i>Residual risk is the amount of risk that remains after controls are accounted for.</i></li> </ul> <p><i>Sounds straightforward. But these two terms seem to fall apart when put into practice. Applying the above definitions to the clients' scenario uncovered the fact that the 'inherent' risk being described was not a 'no controls' environment, but rather, one that only excluded some controls.</i></p> <p><i>The flaw with inherent risk is that in most cases, when used in practice, it does not explicitly consider which controls are being included or excluded. A truly inherent risk state, in our example, would assume no employee background checks or interviews are conducted and that no locks exist on any doors. This could lead to almost any risk scenario being evaluated as inherently high. Treating inherent risk therefore can be quite arbitrary. According to Jack Jones, author of Measuring and Managing Information Risk: A FAIR Approach and creator of the FAIR model, much more realistic and useful definitions would be:</i></p> <ul style="list-style-type: none"> <li>• <i>Inherent risk is current risk level given the existing set of controls rather than the hypothetical notion of an absence of any controls; and</i></li> <li>• <i>Residual risk would then be whatever risk level remain after additional controls are applied."</i></li> </ul> <p><b>2. Source: Wikipedia:</b></p> <p><i>Inherent risk, in risk management is:</i></p> <ul style="list-style-type: none"> <li>• <i>an assessed level of raw or untreated risk; that is, the natural level of risk inherent in a process or activity without doing anything to reduce the likelihood or mitigate the severity of a mishap, or the amount of risk before the application of the risk reduction effects of controls; or</i></li> <li>• <i>Another definition is that inherent risk is the current risk level given the existing set of controls, which may be incomplete or less than ideal, rather than an absence of any controls.</i></li> </ul>
<p><b>Risk - Residual</b></p>	<p>In this risk assessment report, residual risk is that which remains after the application of protection measures that are additional to those that already exist or are 'planned' and that establish the inherent risk (see Risk – Inherent in glossary)</p> <p>It is the disaster risk that remains in unmanaged form, even when effective disaster risk reduction measures are in place, and for which emergency response and recovery capacities must be maintained. The presence of residual risk implies a continuing need to develop and support effective capacities for emergency services, preparedness, response and recovery, together with socioeconomic policies such as safety nets and risk transfer mechanisms, as part of a holistic approach. (Source: <i>UNDRR, 2017</i>)</p> <p>It is the risk left over after you've implemented a risk treatment option. It's the risk remaining after you've reduced the risk, removed the source of the risk, modified the</p>

	<p>consequences, changed the probabilities, transferred the risk, or retained the risk. (Source: Praxiom)</p> <p>It is the risk remaining after any risk treatment has been applied to reduce its potential likelihood and/or its potential consequences. Residual risk can also be any risk that is chosen to be retained rather than treated (Source: AIDR LUPDRC, 2020)</p> <p>Residual risk can contain unidentified risk. Residual risk can also be known as retained risk. (Source: ISO Guide 73:2009)</p>
<b>Risk Level - Determined</b>	<p>Magnitude of a risk or a combination of risks. In this risk assessment report, as an outcome of the risk analysis, a determined risk level is derived from:</p> <ol style="list-style-type: none"> <li>1. The determination of threat, exposure and vulnerability levels by reference to an established set of risk factor criteria that corresponds to each risk level (for each factor); and</li> <li>2. The determination of the risk level by reference to an established risk level matrix that incorporates threat, exposure and vulnerability levels.</li> </ol>
<b>Risk Level - Indicative</b>	<p>Magnitude of a risk or a combination of risks. In this risk assessment report, as an outcome of the risk analysis, an indicative risk level is derived from analysis of the number of bushfire protection measures able to be implemented compared to the number of measures available, and the relative effectiveness of each at reducing threat, exposure and/or vulnerability levels.</p> <p>Overall, more applicable and applied measures is better and the measures with a higher effectiveness rating have greater weighting in the analysis.</p>
<b>Risk - Acceptable</b>	<p>Risks that do not need further treatment. The expression acceptable level of risk refers to the level at which it is decided that further restricting or otherwise altering the activity is not worthwhile e.g. additional effort will not result in significant reductions in risk levels. (Source: DPLH, 2019)</p> <p>That level of risk that is sufficiently low that society is comfortable with it. Society does not generally consider expenditure in further reducing such risks justifiable. (Source: AIDR Knowledge Hub)</p> <p>Acceptable risk or tolerable risk is an important sub-term (of disaster risk). The extent to which a disaster risk is deemed acceptable or tolerable depends on existing social, economic, political, cultural, technical and environmental conditions. (Source: UNDRR, 2017)</p> <p><b>Note:</b> <i>It is generally accepted that nothing can be absolutely free of risk, everything under some circumstance can cause harm. There are differing levels of risk and consequently levels of safety. In practice, attaining zero risk is not possible. Nevertheless, after risk avoidance, reduction/mitigation, transfer or acceptance - the residual risk may be determined as acceptable, as judged by the participants in an activity and decision makers (who apply societies expectations). For certain land uses, the residual risk may exist at higher levels but still be judged by to be acceptable (or tolerable) on this basis.</i></p>
<b>Risk - Tolerable</b>	<p>The willingness to live with a risk to secure benefits and achieve objectives, on the understanding that it is being properly controlled. 'Tolerability' does not mean 'acceptability'. Tolerating a risk does not mean that it is regarded as negligible, or something we may ignore, but rather as something that needs to be kept under review and reduced further, if deemed necessary. (Source: DPLH, 2019)</p> <p>Certain levels of risk may be tolerated, provided that the risks are known and managed. (Source: AIDR LUPDRC, 2020)</p>



	<p>Risk tolerance is defined as the organisations or stakeholder's readiness to bear the risk, after risk treatment, in order to achieve its objectives. Risk tolerance can be influenced by legal or regulatory requirements. <i>(Source: ISO Guide 73:2009)</i></p> <p>A level of risk that defines the ALARP region, as risks that should be driven to the broadly acceptable region. <i>(Source: PIA, 2015)</i></p>
<b>Risk - Intolerable</b>	<p>A level of risk that is so high that require risk treatment measures whatever their cost, or the elimination of the risk. <i>(Source: PIA, 2015)</i></p> <p>Risk that is unacceptable in any circumstances or at any level. <i>(Source: DPLH, 2019)</i></p>
<b>Risk Treatment</b>	<p>Risk treatment options available as part of the risk management process are generally categorised as follows:</p> <ul style="list-style-type: none"> <li>• Risk Avoidance: Measures taken to avoid risks from natural hazards. Can include avoiding development in hazardous areas, relocating people or assets away from hazardous areas, or developing buffer zones to the hazard;</li> <li>• Risk reduction/mitigation: Measures undertaken to reduce the risks from natural hazards. Includes building control and development controls;</li> <li>• Risk Transfer: Measures taken to transfer the risk from natural hazards from one party to another; and</li> <li>• Risk Acceptance: The acceptance of risk from a natural hazard. Any realised losses will be borne by those parties exposed to the hazard. This is not specifically a treatment option as no action is taken, but it is an option for addressing risk.</li> </ul> <p><i>(Source: AIDR LUPDRC, 2020)</i></p>
<b>Retrofitting</b>	<p>Reinforcement or upgrading of existing structures to become more resistant and resilient to the damaging effects of hazards.</p> <p>Retrofitting requires consideration of the design and function of the structure, the stresses that the structure may be subject to from particular hazards or hazard scenarios and the practicality and costs of different retrofitting options. <i>(Source: UNDRR, 2017)</i></p>
<b>Structural and Non-Structural Measures</b>	<p>Structural measures are any physical construction to reduce or avoid possible impacts of hazards, or the application of engineering techniques or technology to achieve hazard resistance and resilience in structures or systems.</p> <p>Non-structural measures are measures not involving physical construction which use knowledge, practice or agreement to reduce disaster risks and impacts, in particular through policies and laws, public awareness raising, training and education.</p> <p>Common non-structural measures include building codes, land-use planning laws and their enforcement, research and assessment, information resources and public awareness programmes. <i>(Source: UNDRR, 2017)</i></p>
<b>Threats</b>	<p>The mechanisms by which hazards can impact exposed elements.</p>
<b>Vulnerability</b>	<p>The conditions determined by physical, social, economic and environmental factors or processes which increase the susceptibility of an individual, a community, assets or systems to the impacts of hazards. <i>(United Nations Office for Disaster Risk Reduction, 2017)</i></p> <p>The characteristic or property of a community, system or object that makes it susceptible to the damaging effects of a specific hazard.</p> <p>Can be defined according to the responses of people, houses and assets in mitigating the impacts of a hazard. Specifically, it refers to the extent to which a community, building, services or location is likely to be damaged or disrupted by the impacts of a hazard, such as a bushfire.</p>

Building vulnerability refers to weak points in a building caused by its design, construction, use of materials and management (including maintenance). These weak points are identified in the context that they are not able to withstand the level of hazard they are exposed to.

Climate and weather may directly influence the buildings vulnerability through several processes including (i) moisture content of combustible elements around and within buildings (ii) gaps between materials that may shrink and expand due to changes in moisture content and temperature (iii) wind action causing damage or dislocation of elements. *(Source: State Government of Queensland, CSIRO, 2020; Bushfire Resilient Building Guidance for Queensland Homes)*

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## 13. Officer’s Reports – Engineering Services

### 13.1 Budget Amendments – Roads to Recovery & Regional Road Group

<h2 style="margin: 0;">Engineering Services</h2> 	
Responsible Officer:	Amer Tawfik, EMES
Author:	As above
Legislation:	<i>Local Government Act 1995</i>
File Reference:	Nil
Disclosure of Interest:	Nil
Attachments:	Nil

#### Purpose of Report

- Executive Decision
  Legislative Requirement

The purpose of this report is for Council to review and endorse proposed amendments to the 2023/24 Capital Works Budget, in relation to Roads to Recovery (R2R) and Regional Road Group (RRG).

#### Background

The Shire of Merredin (the Shire) 2023/24 Annual Budget was adopted on 1 August 2023. During the budget development process several assumptions were made in relation to expected funding from R2R and RRG. A recent review of these items has identified the following:

- At the time of the preparation of the 2023/24 Annual Budget, only the planned R2R allocation was included and a further \$37,000 was left in the ‘to be allocated’ line;
- An increase to the Works Program on Goldfields Road requires an amendment to be made to both the related income and expense accounts;
- Funds are required to be allocated from R2R funding for necessary works to Nokaning West Road; and
- Amendments are required to some of the General Ledger (GL) numbers currently used in the budget to correctly reflect the asset type that R2R and RRG funding is allocated to. Previously, a number of R2R job numbers were allocated to the ‘ROADC - Roads Outside Built Up - Gravel - Regional Road Group’ GL that were not works to gravel roads.

In addition, the review concluded that co-funded projects utilising both R2R and RRG funding should have separate job numbers for each funding source. For example, if selected works are funded by multiple funding bodies, a separate job number should be allocated for each funding body. This will make the process for reporting and acquittals more efficient and transparent moving forward.

**Comment**

A review of the roads allocations in the Capital Budget identified the following issues that require amendment:

- All R2R funded projects for the 2023/24 financial year need to be allocated under GL 4120145 – ROADC – Roads Outside Built Up Area – Sealed – Roads to Recovery, rather than where they are currently allocated in GL 4120144, 4120146 and 4120147.
- Built-up areas represent streets within Shire Townships (e.g. Merredin). Outside built-up areas represent rural roads (e.g. Nukarni East Road). All R2R funds are to be allocated to works completed on rural sealed roads in the 2023/24 Road Program.
- Works to Goldfields Road needs to be allocated under GL 4120149 – ROADC – Roads Outside Built-up Area – Sealed – Regional Road Group, rather than GL 4120150 – ROADC – Roads Outside Built up – Gravel – Regional Road Group. The R2R funded portion of the Goldfields Road works is allocated in GL 4120145.
- The proposed work on Goldfields Road this financial year is to upgrade and strengthen a sealed section of this road and no allocation is proposed for any gravelled sections.
- The RRG funding split is 2/3 from State Government, and 1/3 from the Shire. R2R funding is used to cover the Shire’s 1/3 contribution towards these projects. To improve transparency, reporting and acquittals, a new approach is proposed by creating separate job numbers to represents R2R expenditure on these RRG co-funded projects.
- The RRG funding included in the budget was revised during the October Budget Review, as detailed in the table below. Further amendments are required due to an increased program.

Road Name	Initial Funding	October Budget Review	Revised Funding Figure	Reason for Change
RRG - Goldfields Rd	\$486,800	\$556,900	\$606,900	The initial budget increased due to an underspend on the same road during the 2022/23 FY

- As this is the final year of the five-year R2R funding cycle, the Shire is tasked with expending all remaining allocated funds prior to the end of the financial year. To allow these funds to be spent, the proposed budget amendment includes an item described as “To be Allocated” (Job R2R000) to allow for the total available funding for the Shire from the R2R program to be accessed. The funds will be used to cover potential cost overruns, such as increased price of oil, which will have direct impact on sealing costs. Alternatively, should surplus funding be available, it could be allocated towards one (1) or more of the following projects:
  - Culvert Replacement – Hines Hills Rd;
  - Vegetation trimming – Nokaning East Rd;
  - Edge Break Repairs – Totadgin Hall Rd;



The intention would be to brief Council, if and when there will be a need to expend the unallocated R2R budget, either to meet increased costs on approved projects or for new projects such as the above to be commenced.

A summary of the proposed budget amendments required to reflect the use of correct GLs, changes to Goldfields Road funding, addition of Nokaning West Road to the program and additional job numbers being allocated that explicitly represent the 1/3 Shire contribution using R2R funding, is outlined below:

Account	Job	Description	2023/24 Current Budget	Amendment	New Budget
<b>4120144</b>		<b>ROADC - Roads Built Up Area - Roads to Recovery</b>			
	R2R000	R2R To be allocated	\$37,000	-\$37,000	\$0
<b>4120145</b>		<b>ROADC - Roads Outside BUA - Sealed - Roads to Recovery</b>			
	R2R017	R2R Fewster Rd - Resurfacing	\$104,600	\$0	\$104,600
	R2R013	R2R Nukarni East Rd - Resurfacing	\$0	\$72,600	\$72,600
	R2R014	R2R Nukarni West Rd - Resurfacing	\$0	\$56,100	\$56,100
	R2R063	R2R Korbalka Rd - Resurfacing	\$0	\$99,400	\$99,400
	R2R072	R2R Crooks Road	\$0	\$54,100	\$54,100
	R2R090	R2R Goldfields	\$0	\$202,300	\$202,300
	R2R003	R2R Bullshead Road	\$0	\$53,400	\$53,400
	R2R001	R2R Chandler Merredin Road	\$0	\$27,300	\$27,300
	R2R012	R2R Nokanning West Road	\$0	\$35,200	\$35,200
	R2R000	R2R To be allocated	\$0	\$94,500	\$94,500
<b>4120146</b>		<b>ROADC - Roads Outside - Gravel - Roads to Recovery</b>			
	R2R013	R2R Nukarni East Rd - Resurfacing	\$72,600	-\$72,600	\$0
<b>4120147</b>		<b>ROADC - Roads Outside BUA - Formed - Roads to Recovery</b>			
	R2R063	R2R Korbalka Rd - Resurfacing	\$99,400	-\$99,400	\$0
	R2R014	R2R Nukarni West Rd - Resurfacing	\$56,100	-\$56,100	\$0
<b>4120149</b>		<b>ROADC - Roads Outside Built Up Area - Sealed - Regional Road Group</b>			
	RRG001	RRG Chandler-Merredin - Resurfacing	\$81,500	-\$27,300	\$54,200
	RRG003	Bullshead Road (RRG)	\$160,000	-\$53,400	\$106,600
	RRG072	Crooks Road (RRG)	\$162,200	-\$54,100	\$108,100
	RRG090	Goldfields Road (RRG)	\$0	\$404,600	\$404,600
<b>4120150</b>		<b>ROADC - Roads Outside Built Up - Gravel - Regional Road Group</b>			
	RRG090	Goldfields Road (RRG)	\$566,900	-\$566,900	\$0
			\$1,340,300	\$132,700	\$1,473,000
<b>3120110</b>		<b>ROADC - Regional Road Group Grants (MRWA)</b>	\$646,900	\$26,700	\$673,600
<b>3120111</b>		<b>ROADC - Roads to Recovery Grant</b>	\$693,200	\$106,000	\$799,200
				\$132,700	

Please note that the proposed expenditure amendments above are offset by additional revenue that will be received from RRG and R2R in GLs 3120110 and 3120111. There will be no effect on the Shire's surplus/deficit.

### Policy Implications

Nil

### Statutory Implications

As outlined in the *Local Government Act 1995* and *Local Government (Functions and General) Regulations 1996*.

### Strategic Implications

#### ∅ Strategic Community Plan

Theme:	4. Communication and Leadership
Service Area Objective:	4.2 Decision Making 4.2.2 The Shire is progressive while exercising responsible stewardship of its built, natural and financial resources
Priorities and Strategies for Change:	Nil
Theme:	5. Places and Spaces
Service Area Objective:	5.3.2 The Shire is continually improving its asset management practices
Priorities and Strategies for Change:	Nil

### Sustainability Implications

#### ∅ Strategic Resource Plan

Nil

### Risk Implications

Risk implications will be mitigated by accepting the proposed budget amendments, the Shire will be able to spend all available funding for the 2023/24 financial year; this will increase the Shire's credibility with R2R and RRG funding bodies.

### Financial Implications

The financial impacts from increased funding allocation to the Shire is potential cash flow issues as there is a lag between completing the work and receiving allocated funding from RRG and R2R. This potentially could place pressure on the Shire's finances for a duration of one to two months.

**Voting Requirements**

Simple Majority

Absolute Majority

**Resolution**

Moved: **Cr Billing**                      Seconded: **Cr Anderson**

**That Council ENDORSES the proposed amendments to the 2023/24 Capital Works Program in relation to projects funded by Regional Road Group and Roads to Recovery, as listed in the table below:**

**83313**

Account	Job	Description	2023/24 Current Budget	Amendment	New Budget
4120144		ROADC - Roads Built Up Area - Roads to Recovery			
	R2R000	R2R To be allocated	\$37,000	-\$37,000	\$0
4120145		ROADC - Roads Outside BUA - Sealed - Roads to Recovery			
	R2R017	R2R Fewster Rd - Resurfacing	\$104,600	\$0	\$104,600
	R2R013	R2R Nukarni East Rd - Resurfacing	\$0	\$72,600	\$72,600
	R2R014	R2R Nukarni West Rd - Resurfacing	\$0	\$56,100	\$56,100
	R2R063	R2R Korbelka Rd - Resurfacing	\$0	\$99,400	\$99,400
	R2R072	R2R Crooks Road	\$0	\$54,100	\$54,100
	R2R090	R2R Goldfields	\$0	\$202,300	\$202,300
	R2R003	R2R Bullshead Road	\$0	\$53,400	\$53,400
	R2R001	R2R Chandler Merredin Road	\$0	\$27,300	\$27,300
	R2R012	R2R Nokanning West Road	\$0	\$35,200	\$35,200
	R2R000	R2R To be allocated	\$0	\$94,500	\$94,500
4120146		ROADC - Roads Outside - Gravel - Roads to Recovery			
	R2R013	R2R Nukarni East Rd - Resurfacing	\$72,600	-\$72,600	\$0
4120147		ROADC - Roads Outside BUA - Formed - Roads to Recovery			
	R2R063	R2R Korbelka Rd - Resurfacing	\$99,400	-\$99,400	\$0
	R2R014	R2R Nukarni West Rd - Resurfacing	\$56,100	-\$56,100	\$0
4120149		ROADC - Roads Outside Built Up Area - Sealed - Regional Road Group			
	RRG001	RRG Chandler-Merredin - Resurfacing	\$81,500	-\$27,300	\$54,200
	RRG003	Bullshead Road (RRG)	\$160,000	-\$53,400	\$106,600
	RRG072	Crooks Road (RRG)	\$162,200	-\$54,100	\$108,100
	RRG090	Goldfields Road (RRG)	\$0	\$404,600	\$404,600
4120150		ROADC - Roads Outside Built Up - Gravel - Regional Road Group			
	RRG090	Goldfields Road (RRG)	\$566,900	-\$566,900	\$0
			\$1,340,300	\$132,700	\$1,473,000
3120110		ROADC - Regional Road Group Grants (MRWA)	\$646,900	\$26,700	\$673,600
3120111		ROADC - Roads to Recovery Grant	\$693,200	\$106,000	\$799,200
				\$132,700	

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

## 14. Officer's Reports – Corporate and Community Services

### 14.1 Statement of Financial Activity – November 2023

<h2>Corporate Services</h2>		
Responsible Officer:	Leah Boehme, EMCS	
Author:	As above	
Legislation:	<i>Local Government Act 1995</i> <i>Local Government (Financial Management) Regulations 1996</i>	
File Reference:	Nil	
Disclosure of Interest:	Nil	
Attachments:	Attachment 14.1A – Statement of Financial Activity Attachment 14.1B – Detailed Statements Attachment 14.1C – Capital Works Progress Attachment 14.1D – Investment Report	

#### Purpose of Report

Executive Decision

Legislative Requirement

For Council to receive the Statements of Financial Activity and Investment Report for the month of November 2023, and be advised of associated financial matters.

#### Background

The Statement of Financial Activity, Detailed Statements, Capital Works Progress and Investment Report are attached for Council's information.

#### Comment

#### Statement of Financial Activity

Regulation 34 of the *Local Government (Financial Management) Regulations 1996* requires the Shire of Merredin (the Shire) to prepare a monthly statement of financial activity for consideration by Council within two (2) months after the end of the month of the report. These reports are included at Attachments 14.1A to D inclusive.

#### Policy Implications

Nil

### Statutory Implications

As outlined in the *Local Government Act 1995* and the *Local Government (Financial Management) Regulations 1996*.

### Strategic Implications

∅ Strategic Community Plan

Theme:	4. Communication and Leadership
Service Area Objective:	4.2.2 The Shire is progressive while exercising responsible stewardship of its built, natural and financial resources
Priorities and Strategies for Change:	Nil

### Sustainability Implications

∅ Strategic Resource Plan

Compliance with the *Local Government (Administration) Regulations 1996* and to also give Council some direction regarding its management of finance over an extended period of time.

### Risk Implications

The Statement of Financial Activity is presented monthly and provides a retrospective picture of the activities at the Shire. Contained within the report is information pertaining to the financial cost and delivery of strategic initiatives and key projects.

To mitigate the risk of budget over-runs or non-delivery of projects, the Chief Executive Officer (CEO) has implemented internal control measures such as regular Council and management reporting and a quarterly process to monitor financial performance against budget estimates.

Materiality reporting thresholds have been established at half the adopted Council levels, which equate to \$10,000 for operating budget line items and \$10,000 for capital items, to alert management prior to there being irreversible impacts.

It should also be noted that there is an inherent level of risk of misrepresentation of the financials through either human error or potential fraud.

The establishment of control measures through a series of efficient systems, policies and procedures, which fall under the responsibility of the CEO as laid out in the *Local Government (Financial Management Regulations) 1996* regulation 5, seek to mitigate the possibility of this occurring.

These controls are set in place to provide daily, weekly, and monthly checks to ensure that the integrity of the data provided is reasonably assured.

### Financial Implications

The adoption on the Statements of Financial Activity is retrospective. Accordingly, the financial implications associated with adopting this are nil.

### Voting Requirements



Simple Majority



Absolute Majority

### Resolution

**Moved: Cr Anderson**

**Seconded: Cr Van Der Merwe**

**83314**

**That Council RECEIVE the Statements of Financial Activity and Investment Report for the period ending 30 November 2023 in accordance with Regulation 34 of the Local Government (Financial Management) Regulations 1996.**

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

**SHIRE OF MERREDIN**

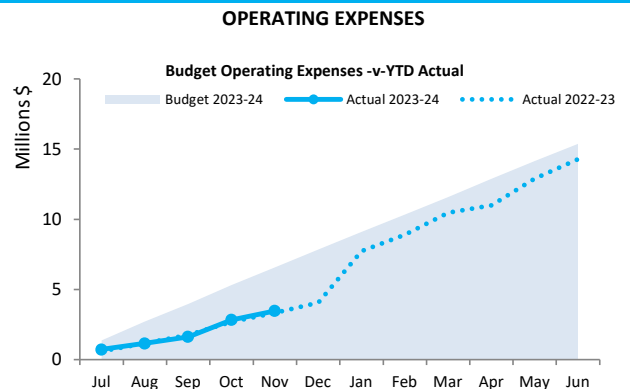
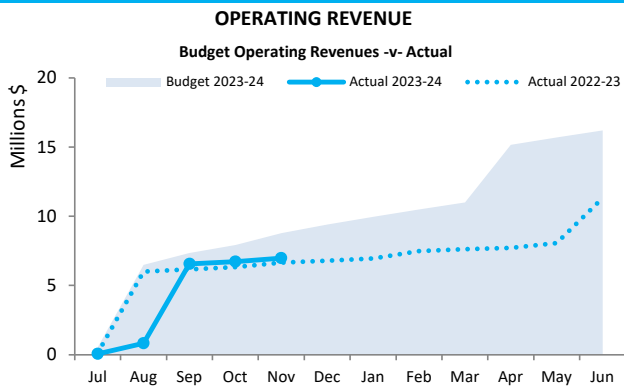
**MONTHLY FINANCIAL REPORT**  
**(Containing the Statement of Financial Activity)**  
**For the period ending 30 November 2023**

*LOCAL GOVERNMENT ACT 1995*  
*LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996*

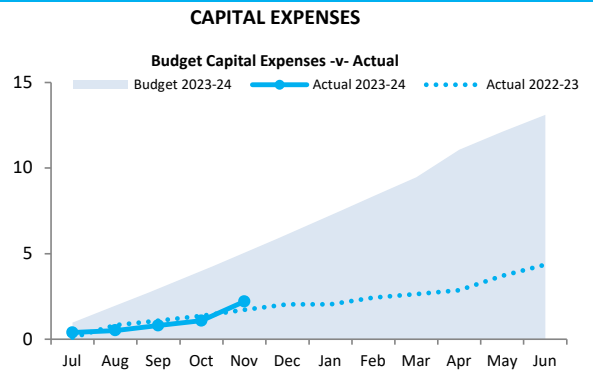
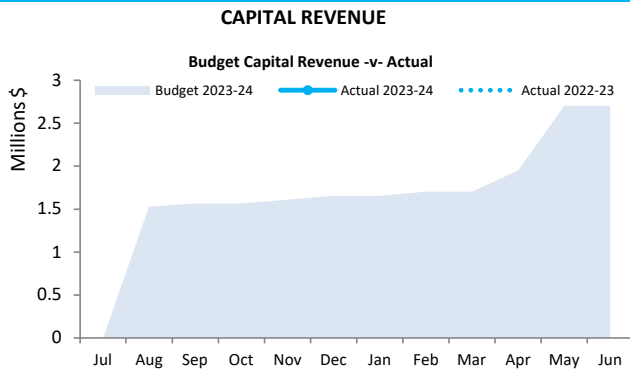
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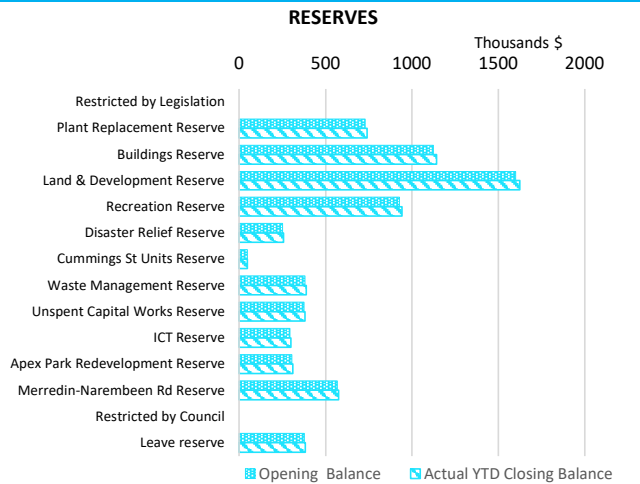
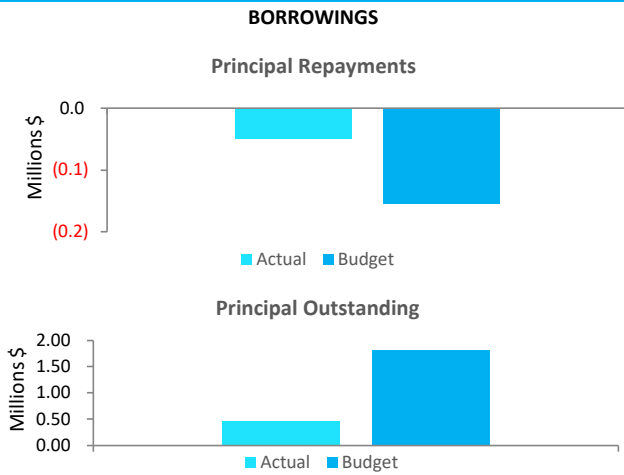
**OPERATING ACTIVITIES**



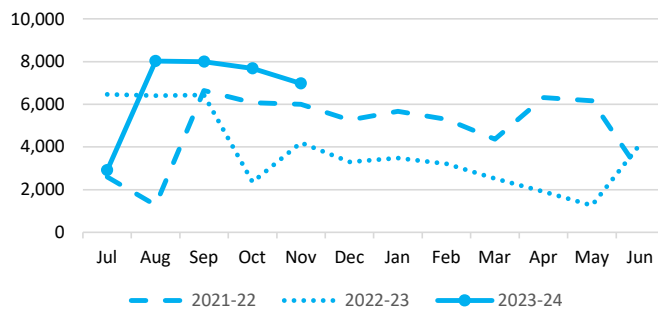
**INVESTING ACTIVITIES**



**FINANCING ACTIVITIES**



**Closing funding surplus / (deficit)**



This information is to be read in conjunction with the accompanying Financial Statements and Notes.



Funding surplus / (deficit) Components

Funding surplus / (deficit)				
	Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
Opening	\$3.93 M	\$3.93 M	\$3.93 M	\$0.00 M
Closing	\$0.01 M	\$7.00 M	\$6.95 M	(\$0.05 M)

Refer to Statement of Financial Activity

Cash and cash equivalents		
	\$12.30 M	% of total
Unrestricted Cash	\$5.24 M	42.6%
Restricted Cash	\$7.06 M	57.4%

Refer to Note 2 - Cash and Financial Assets

Payables		
	\$0.36 M	% Outstanding
Trade Payables	\$0.11 M	
0 to 30 Days		94.0%
Over 30 Days		6.0%
Over 90 Days		0.4%

Refer to Note 5 - Payables

Receivables		
	\$2.34 M	% Collected
Rates Receivable	\$1.65 M	72.7%
Trade Receivable	\$2.34 M	% Outstanding
Over 30 Days		58.1%
Over 90 Days		1.3%

Refer to Note 3 - Receivables

Key Operating Activities

Amount attributable to operating activities			
Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
(\$2.20 M)	\$2.10 M	\$3.50 M	\$1.40 M

Refer to Statement of Financial Activity

Rates Revenue		
	\$5.30 M	% Variance
YTD Actual	\$5.30 M	
YTD Budget	\$5.25 M	1.0%

Refer to Statement of Financial Activity

Operating Grants and Contributions		
	\$0.63 M	% Variance
YTD Actual	\$0.63 M	
YTD Budget	\$0.46 M	35.0%

Refer to Note 11 - Operating Grants and Contributions

Fees and Charges		
	\$0.75 M	% Variance
YTD Actual	\$0.75 M	
YTD Budget	\$0.63 M	19.2%

Refer to Statement of Financial Activity

Key Investing Activities

Amount attributable to investing activities			
Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
(\$3.99 M)	(\$1.30 M)	(\$0.32 M)	\$0.98 M

Refer to Statement of Financial Activity

Proceeds on sale		
	\$0.00 M	%
YTD Actual	\$0.00 M	
Adopted Budget	\$0.21 M	(100.0%)

Refer to Note 6 - Disposal of Assets

Asset Acquisition		
	\$2.21 M	% Spent
YTD Actual	\$2.21 M	
Adopted Budget	\$16.20 M	(86.4%)

Refer to Note 7 - Capital Acquisitions

Capital Grants		
	\$1.87 M	% Received
YTD Actual	\$1.87 M	
Adopted Budget	\$11.96 M	(84.4%)

Refer to Note 7 - Capital Acquisitions

Key Financing Activities

Amount attributable to financing activities			
Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
\$2.27 M	\$2.27 M	(\$0.16 M)	(\$2.43 M)

Refer to Statement of Financial Activity

Borrowings	
Principal repayments	\$0.05 M
Interest expense	\$0.01 M
Principal due	\$0.46 M

Refer to Note 8 - Borrowings

Reserves	
Reserves balance	\$7.09 M
Interest earned	\$0.11 M

Refer to Note 9 - Cash Reserves

This information is to be read in conjunction with the accompanying Financial Statements and notes.

## KEY TERMS AND DESCRIPTIONS FOR THE PERIOD ENDED 30 NOVEMBER 2023

### REVENUE

#### RATES

All rates levied under the *Local Government Act 1995*. Includes general, differential, specified area rates, minimum rates, interim rates, back rates, ex-gratia rates, less discounts and concessions offered. Excludes administration fees, interest on instalments, interest on arrears, service charges and sewerage rates.

#### OPERATING GRANTS, SUBSIDIES AND CONTRIBUTIONS

Refers to all amounts received as grants, subsidies and contributions that are not non-operating grants.

#### NON-OPERATING GRANTS, SUBSIDIES AND CONTRIBUTIONS

Amounts received specifically for the acquisition, construction of new or the upgrading of identifiable non financial assets paid to a local government, irrespective of whether these amounts are received as capital grants, subsidies, contributions or donations.

#### REVENUE FROM CONTRACTS WITH CUSTOMERS

Revenue from contracts with customers is recognised when the local government satisfies its performance obligations under the contract.

#### FEES AND CHARGES

Revenues (other than service charges) from the use of facilities and charges made for local government services, sewerage rates, rentals, hire charges, fee for service, photocopying charges, licences, sale of goods or information, fines, penalties and administration fees. Local governments may wish to disclose more detail such as rubbish collection fees, rental of property, fines and penalties, and other fees and charges.

#### SERVICE CHARGES

Service charges imposed under *Division 6 of Part 6 of the Local Government Act 1995*. *Regulation 54 of the Local Government (Financial Management) Regulations 1996* identifies these as television and radio broadcasting, underground electricity and neighbourhood surveillance services. Exclude rubbish removal charges.

#### INTEREST EARNINGS

Interest and other items of a similar nature received from bank and investment accounts, interest on rate instalments, interest on rate arrears and interest on debtors.

#### OTHER REVENUE / INCOME

Other revenue, which can not be classified under the above headings, includes dividends, discounts, rebates, reimbursements etc.

#### PROFIT ON ASSET DISPOSAL

Excess of assets received over the net book value for assets on their disposal.

## NATURE OR TYPE DESCRIPTIONS

### EXPENSES

#### EMPLOYEE COSTS

All costs associated with the employment of person such as salaries, wages, allowances, benefits such as vehicle and housing, superannuation, employment expenses, removal expenses, relocation expenses, worker's compensation insurance, training costs, conferences, safety expenses, medical examinations, fringe benefit tax, etc.

#### MATERIALS AND CONTRACTS

All expenditures on materials, supplies and contracts not classified under other headings. These include supply of goods and materials, legal expenses, maintenance agreements, communication expenses, advertising expenses, membership, periodicals, publications, hire expenses, rental, postage and freight etc. Local governments may wish to disclose more detail such as contract services, consultancy, information technology, rental or lease expenditures.

#### UTILITIES (GAS, ELECTRICITY, WATER)

Expenditures made to the respective agencies for the provision of power, gas or water. Exclude expenditures incurred for the reinstatement of roadwork on behalf of these agencies.

#### INSURANCE

All insurance other than worker's compensation and health benefit insurance included as a cost of employment.

#### LOSS ON ASSET DISPOSAL

Shortfall between the value of assets received over the net book value for assets on their disposal.

#### DEPRECIATION ON NON-CURRENT ASSETS

Depreciation expense raised on all classes of assets. Excluding Land.

#### INTEREST EXPENSES

Interest and other costs of finance paid, including costs of finance for loan debentures, overdraft accommodation and refinancing expenses.

#### OTHER EXPENDITURE

Statutory fees, taxes, allowance for impairment of assets, member's fees or State taxes. Donations and subsidies made to community groups.

STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 30 NOVEMBER 2023

BY NATURE OR TYPE

	Ref	Current	Budget	YTD Budget	YTD Actual	Forecast 29 June 2024 Closing	Variance \$	Variance %	Var.
	Note	(a)	(b)	(c)	(a)-(b)+(c)	(c) - (b)	((c) - (b))/(b)		
		\$	\$	\$	\$	\$	%		
<b>Opening funding surplus / (deficit)</b>	1(c)	3,934,246	3,934,246	3,934,246	3,934,246	0	0.00%		
<b>Revenue from operating activities</b>									
Rates		5,298,000	5,245,020	5,298,060	5,351,040	53,040	1.01%		
Operating grants, subsidies and contributions	11	922,100	463,564	625,586	1,084,122	162,022	34.95%	▲	
Fees and charges		843,950	627,410	748,120	964,660	120,710	19.24%	▲	
Interest earnings		323,700	134,875	191,072	379,897	56,197	41.67%	▲	
Other revenue		279,600	144,533	111,724	246,791	(32,809)	(22.70%)	▼	
Profit on disposal of assets	6	113,800	47,415	0	66,385	(47,415)	(100.00%)	▼	
		<b>7,781,150</b>	<b>6,662,817</b>	<b>6,974,562</b>	<b>8,092,895</b>	311,745	4.68%		
<b>Expenditure from operating activities</b>									
Employee costs		(4,963,260)	(2,294,065)	(1,772,019)	(4,441,214)	522,046	22.76%	▲	
Materials and contracts		(3,717,590)	(1,628,870)	(1,217,495)	(3,306,215)	411,375	25.26%	▲	
Utility charges		(520,350)	(230,016)	(153,103)	(443,437)	76,913	33.44%	▲	
Depreciation on non-current assets		(5,876,500)	(2,448,560)	(2,152,765)	(5,580,705)	295,795	12.08%	▲	
Interest expenses		(134,600)	(3,835)	(9,738)	(140,503)	(5,903)	(153.92%)		
Insurance expenses		(271,260)	(258,700)	(240,515)	(253,075)	18,185	7.03%		
Other expenditure		(262,200)	(103,705)	(85,876)	(244,371)	17,829	17.19%	▲	
Loss on disposal of assets	6	(11,700)	(4,875)	0	(6,825)	4,875	100.00%		
		<b>(15,757,460)</b>	<b>(6,972,626)</b>	<b>(5,631,511)</b>	<b>(14,416,345)</b>	1,341,115	(19.23%)		
Non-cash amounts excluded from operating activities	1(a)	5,774,400	2,406,020	2,152,765	5,521,145	(253,255)	(10.53%)	▼	
<b>Amount attributable to operating activities</b>		<b>(2,201,910)</b>	<b>2,096,211</b>	<b>3,495,816</b>	<b>(802,305)</b>	1,399,605	66.77%		
<b>Investing activities</b>									
Proceeds from non-operating grants, subsidies and contributions	12	11,963,398	2,270,290	1,869,575	11,562,683	(400,715)	(17.65%)	▼	
Proceeds from disposal of assets	6	205,900	205,900	0	0	(205,900)	(100.00%)	▼	
Proceeds from financial assets at amortised cost - self supporting loans	8	36,800	18,192	18,192	36,800	0	0.00%		
Payments for property, plant and equipment and infrastructure	7	(16,198,028)	(3,791,596)	(2,206,934)	(14,613,366)	1,584,662	41.79%	▲	
<b>Amount attributable to investing activities</b>		<b>(3,991,930)</b>	<b>(1,297,214)</b>	<b>(319,167)</b>	<b>(3,013,883)</b>	978,047	(75.40%)		
<b>Financing Activities</b>									
Proceeds from new debentures	8	1,480,000	1,480,000	0	0	(1,480,000)	(100.00%)	▼	
Transfer from reserves	9	1,339,200	1,339,200	0	0	(1,339,200)	(100.00%)	▼	
Repayment of debentures	8	(154,900)	(154,900)	(49,261)	(49,261)	105,639	68.20%	▲	
Transfer to reserves	9	(395,900)	(395,900)	(109,955)	(109,955)	285,945	72.23%	▲	
<b>Amount attributable to financing activities</b>		<b>2,268,400</b>	<b>2,268,400</b>	<b>(159,216)</b>	<b>(159,216)</b>	(2,427,616)	(107.02%)		
<b>Closing funding surplus / (deficit)</b>	1(c)	<b>8,806</b>	<b>7,001,643</b>	<b>6,951,678</b>	<b>(41,158)</b>	(49,964)	0.71%		

KEY INFORMATION

▲▼ Indicates a variance between Year to Date (YTD) Budget and YTD Actual data as per the adopted materiality threshold.

Refer to Note 14 for an explanation of the reasons for the variance.

This statement is to be read in conjunction with the accompanying Financial Statements and Notes.

### **BASIS OF PREPARATION**

The financial report has been prepared in accordance with Australian Accounting Standards (as they apply to local governments and not-for-profit entities) and interpretations of the Australian Accounting Standards Board, and the *Local Government Act 1995* and accompanying Regulations.

The *Local Government Act 1995* and accompanying Regulations take precedence over Australian Accounting Standards where they are inconsistent.

The *Local Government (Financial Management) Regulations 1996* specify that vested land is a right-of-use asset to be measured at cost, and is considered a zero cost concessionary lease. All right-of-use assets under zero cost concessionary leases are measured at zero cost rather than at fair value, except for vested improvements on concessionary land leases such as roads, buildings or other infrastructure which continue to be reported at fair value, as opposed to the vested land which is measured at zero cost. The measurement of vested improvements at fair value is a departure from AASB 16 which would have required the Shire to measure any vested improvements at zero cost.

Accounting policies which have been adopted in the preparation of this financial report have been consistently applied unless stated otherwise. Except for cash flow and rate setting information, the financial report has been prepared on the accrual basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and liabilities.

#### **THE LOCAL GOVERNMENT REPORTING ENTITY**

All funds through which the Shire controls resources to carry on its functions have been included in the financial statements forming part of this financial report.

All monies held in the Trust Fund are excluded from the financial statements.

### **SIGNIFICANT ACCOUNTING POLICES**

#### **CRITICAL ACCOUNTING ESTIMATES**

The preparation of a financial report in conformity with Australian Accounting Standards requires management to make judgements, estimates and assumptions that effect the application of policies and reported amounts of assets and liabilities, income and expenses.

The estimates and associated assumptions are based on historical experience and various other factors believed to be reasonable under the circumstances; the results of which form the basis of making the judgements about carrying values of assets and liabilities not readily apparent from other sources. Actual results may differ from these estimates.

The balances, transactions and disclosures impacted by accounting estimates are as follows:

- estimation of fair values of certain financial assets
- estimation of fair values of fixed assets shown at fair value
- impairment of financial assets

#### **GOODS AND SERVICES TAX**

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO). Receivables and payables are stated inclusive of GST receivable or payable. The net amount of GST recoverable from, or payable to, the ATO is included with receivables or payables in the statement of financial position. Cash flows are presented on a gross basis. The GST components of cash flows arising from investing or financing activities which are recoverable from, or payable to, the ATO are presented as operating cash flows.

#### **ROUNDING OFF FIGURES**

All figures shown in this statement are rounded to the nearest dollar.

#### **PREPARATION TIMING AND REVIEW**

Date prepared: All known transactions up to 30 November 2023

(a) Non-cash items excluded from operating activities

The following non-cash revenue and expenditure has been excluded from operating activities within the Statement of Financial Activity in accordance with *Financial Management Regulation 32*.

	Notes	Adopted Budget	YTD Budget (a)	YTD Actual (b)	Forecast 29 June 2024 Closing
		\$	\$	\$	
<b>Non-cash items excluded from operating activities</b>					
<b>Adjustments to operating activities</b>					
Less: Profit on asset disposals	6	(113,800)	(47,415)	0	(66,385)
Add: Loss on asset disposals	6	11,700	4,875	0	6,825
Add: Depreciation on assets		5,876,500	2,448,560	2,152,765	5,580,705
<b>Total non-cash items excluded from operating activities</b>		<b>5,774,400</b>	<b>2,406,020</b>	<b>2,152,765</b>	<b>5,521,145</b>

(b) Adjustments to net current assets in the Statement of Financial Activity

The following current assets and liabilities have been excluded from the net current assets used in the Statement of Financial Activity in accordance with *Financial Management Regulation 32* to agree to the surplus/(deficit) after imposition of general rates.

	Notes	Adopted Budget Opening 30 June 2023	Last Year Closing 30 June 2023	Year to Date 30 November 2023
<b>Adjustments to net current assets</b>				
Less: Reserves - restricted cash	9	(7,013,785)	(6,975,873)	(7,085,828)
Less: - Financial assets at amortised cost - self supporting loans	4	(36,834)	(36,834)	(18,642)
Less: User defined		(755,760)	(755,760)	(755,766)
Add: Borrowings	8	99,461	99,461	50,199
Add: Provisions employee related provisions	10	571,585	571,585	571,585
<b>Total adjustments to net current assets</b>		<b>(7,135,333)</b>	<b>(7,097,421)</b>	<b>(7,238,452)</b>

(c) Net current assets used in the Statement of Financial Activity

**Current assets**

Cash and cash equivalents	2	12,218,595	12,218,595	12,301,091
Rates receivables	3	733,267	733,267	1,646,575
Receivables	3	573,714	573,714	2,343,097
Other current assets	4	253,542	253,542	188,686
<b>Less: Current liabilities</b>		<b>0</b>		
Payables	5	(769,443)	(769,443)	(360,172)
Borrowings	8	(99,461)	(99,461)	(50,199)
Contract liabilities	10	(1,306,962)	(1,306,962)	(1,307,362)
Provisions	10	(571,585)	(571,585)	(571,585)
<b>Less: Total adjustments to net current assets</b>	1(b)	<b>(7,097,421)</b>	<b>(7,097,421)</b>	<b>(7,238,452)</b>
<b>Closing funding surplus / (deficit)</b>		<b>3,934,246</b>	<b>3,934,246</b>	<b>6,951,679</b>

**CURRENT AND NON-CURRENT CLASSIFICATION**

In the determination of whether an asset or liability is current or non-current, consideration is given to the time when each asset or liability is expected to be settled. Unless otherwise stated assets or liabilities are classified as current if expected to be settled within the next 12 months, being the Council's operational cycle.

Description	Classification	Unrestricted	Restricted	Total Cash	Trust	Institution	Interest Rate	Maturity Date
		\$	\$	\$	\$			
Municipal Bank Account		3,769,069		3,769,069				
Petty Cash - Admin		950		950				
Float - MRCLC		3,100		3,100				
Municipal Investment Account		1,463,579		1,463,579				
Reserve Bank Account		0	7,064,393	7,064,393				
<b>Total</b>		<b>5,236,698</b>	<b>7,064,393</b>	<b>12,301,091</b>	<b>0</b>			
<b>Comprising</b>								
Cash and cash equivalents		5,236,698	7,064,393	12,301,091	0			
		<b>5,236,698</b>	<b>7,064,393</b>	<b>12,301,091</b>	<b>0</b>			

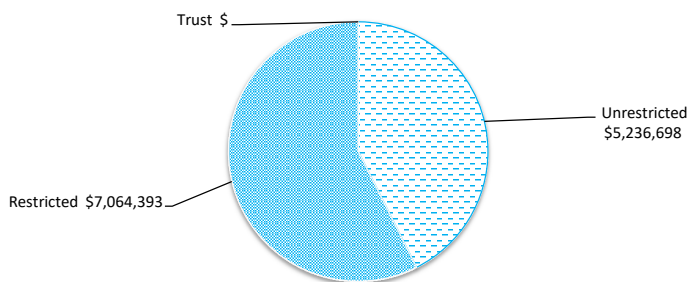
**KEY INFORMATION**

Cash and cash equivalents include cash on hand, cash at bank, deposits available on demand with banks and other short term highly liquid investments with original maturities of three months or less that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value. Bank overdrafts are reported as short term borrowings in current liabilities in the statement of net current assets.

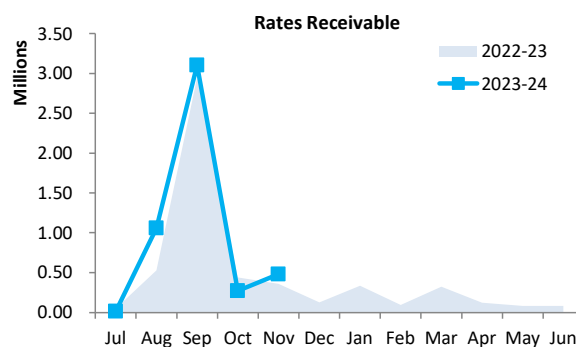
The local government classifies financial assets at amortised cost if both of the following criteria are met:

- the asset is held within a business model whose objective is to collect the contractual cashflows, and
- the contractual terms give rise to cash flows that are solely payments of principal and interest.

Financial assets at amortised cost held with registered financial institutions are listed in this note other financial assets at amortised cost are provided in Note 4 - Other assets.



Rates receivable	30 Jun 2023	30 Nov 2023
	\$	\$
Opening arrears previous years	733,267	733,267
Levied this year		5,298,060
Less - collections to date	0	(4,384,752)
<b>Gross rates collectable</b>	<b>733,267</b>	<b>1,646,575</b>
<b>Net rates collectable</b>	<b>733,267</b>	<b>1,646,575</b>
% Collected	0%	72.7%



Receivables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$	\$
Receivables - general	2,028	844,618	1,023,458	122,723	26,670	2,019,497
Percentage	0.1%	41.8%	50.7%	6.1%	1.3%	
<b>Balance per trial balance</b>						
Sundry receivable						2,019,497
GST receivable						0
Other receivables						19,492
Accrued Income						328,085
Other receivables - Provision for Doubtful Debts						(24,156)
<b>Total receivables general outstanding</b>						<b>2,342,918</b>

Amounts shown above include GST (where applicable)

#### KEY INFORMATION

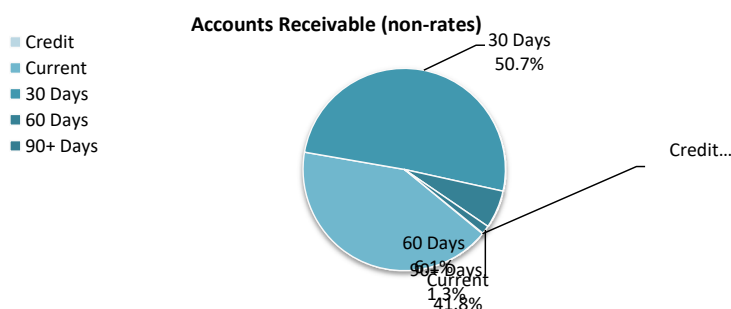
Trade and other receivables include amounts due from ratepayers for unpaid rates and service charges and other amounts due from third parties for goods sold and services performed in the ordinary course of business.

Trade receivables are recognised at original invoice amount less any allowances for uncollectable amounts (i.e. impairment). The carrying amount of net trade receivables is equivalent to fair value as it is due for settlement within 30 days.

#### Classification and subsequent measurement

Receivables which are generally due for settlement within 30 days except rates receivables which are expected to be collected within 12 months are classified as current assets. All other receivables such as, deferred pensioner rates receivable after the end of the reporting period are classified as non-current assets.

Trade and other receivables are held with the objective to collect the contractual cashflows and therefore the Shire measures them subsequently at amortised cost using the effective interest rate method.



Other current assets	Opening Balance 1 July 2023	Asset Increase	Asset Reduction	Closing Balance 30 November 2023
	\$	\$	\$	\$
<b>Other financial assets at amortised cost</b>				
Financial assets at amortised cost - self supporting loans	36,834		(18,192)	18,642
<b>Inventory</b>				
Fuel	32,708	0	(46,664)	(13,956)
<b>Land held for resale</b>				
Cost of acquisition	184,000		0	184,000
<b>Total other current assets</b>	<b>253,542</b>	<b>0</b>	<b>(64,856)</b>	<b>188,686</b>
<b>Amounts shown above include GST (where applicable)</b>				

#### KEY INFORMATION

##### Other financial assets at amortised cost

The Shire classifies financial assets at amortised cost if both of the following criteria are met:

- the asset is held within a business model whose objective is to collect the contractual cashflows, and
- the contractual terms give rise to cash flows that are solely payments of principal and interest.

##### Inventory

Inventories are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale.

##### Land held for resale

Land held for development and resale is valued at the lower of cost and net realisable value. Cost includes the cost of acquisition, development, borrowing costs and holding costs until completion of development.

Borrowing costs and holding charges incurred after development is completed are expensed.

Gains and losses are recognised in profit or loss at the time of signing an unconditional contract of sale if significant risks and rewards, and effective control over the land, are passed onto the buyer at this point.

Land held for resale is classified as current except where it is held as non-current based on the Council's intentions to release for sale.

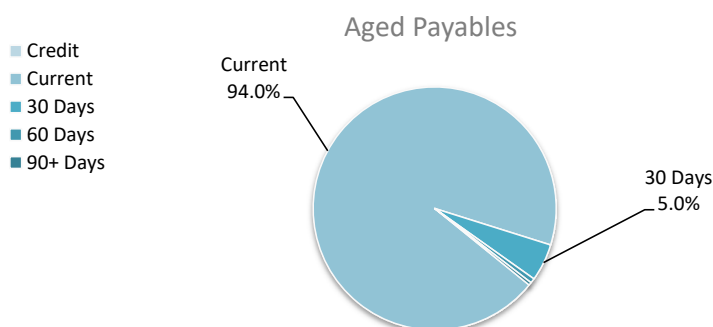


Payables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$	\$
Payables - general	0	107,205	5,660	723	432	114,020
Percentage	0%	94%	5%	0.6%	0.4%	
<b>Balance per trial balance</b>						
Sundry creditors						114,020
Other payables						188,392
Income in Advance						64,116
PAYG						0
<b>Total payables general outstanding</b>						<b>360,172</b>

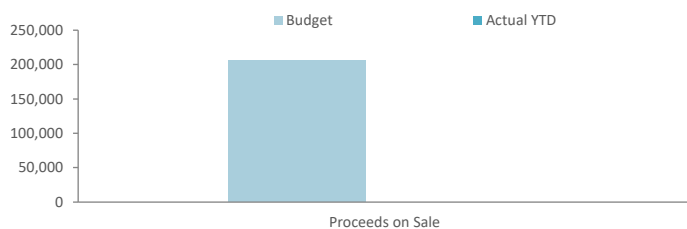
Amounts shown above include GST (where applicable)

**KEY INFORMATION**

Trade and other payables represent liabilities for goods and services provided to the Shire prior to the end of the period that are unpaid and arise when the Shire becomes obliged to make future payments in respect of the purchase of these goods and services. The amounts are unsecured, are recognised as a current liability and are normally paid within 30 days of recognition. The carrying amounts of trade and other payables are considered to be the same as their fair values, due to their short-term nature.



Asset Ref.	Asset description	Budget				YTD Actual			
		Net Book		Profit	(Loss)	Net Book		Profit	(Loss)
		Value	Proceeds			Value	Proceeds		
\$	\$	\$	\$	\$	\$	\$	\$		
<b>Transport</b>									
617	2020 MITSUBISHI SPORT QF	24,200	43,050	18,850	0				
504	2018 MITSUBISHI ASX LS 2WD	2,900	16,700	13,800	0				
278	805 SQUIRREL SELF PROPELLED ELEVATING PLATFORM	10,200	0	0	(10,200)				
483	KUBOTA RTV-X900W	0	7,500	7,500	0				
193	TRAILER RIGID POLMAC 6 TO 10 TONNE	3,100	5,000	1,900	0				
343	BOMAG BW25RH ROAD ROLLER 2011	8,200	40,000	31,800	0				
505	HAKO CITYMASTER 1600	20,000	18,500	0	(1,500)				
489	2015 HINO 300 SERIES 917 DUMP TRUCK	30,100	43,100	13,000	0				
483	2018 Nissan Navara D23 King Cab 4x2 (Ranger)	2,800	14,950	12,150	0				
506	2019 NISSAN NAVARA TRAY TOP (CONSTRUCTION)	2,300	17,100	14,800	0				
		<b>103,800</b>	<b>205,900</b>	<b>113,800</b>	<b>(11,700)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Capital acquisitions	Adopted		YTD Actual	Forecast 30 June Closing	YTD Actual Variance	
	Budget	YTD Budget				
	\$	\$	\$		\$	
Buildings - specialised	512	185,800	15,483	14,016	184,332	(1,468)
Buildings - non-specialised	514	58,800	29,300	13,356	42,856	(15,944)
Plant and equipment	530	735,600	11,700	181,561	905,461	169,861
Infrastructure - roads	540	5,704,000	2,108,250	1,775,969	5,371,719	(332,281)
Infrastructure - Footpaths	560	67,800	28,250	0	39,550	(28,250)
Infrastructure -Drainage	550	70,000	29,165	0	40,835	(29,165)
Infrastructure - Parks & Gardens	570	8,941,528	1,454,448	94,740	7,581,820	(1,359,708)
Infrastructure - Other	590	434,500	115,000	127,293	446,793	12,293
<b>Payments for Capital Acquisitions</b>		<b>16,198,028</b>	<b>3,791,596</b>	<b>2,206,934</b>	<b>14,613,366</b>	<b>(1,584,662)</b>
<b>Capital Acquisitions Funded By:</b>						
	\$	\$	\$			\$
Capital grants and contributions	11,963,398	2,270,290	1,869,575	11,562,683		(400,715)
Borrowings	1,480,000	1,480,000	0	0		(1,480,000)
Other (disposals & C/Fwd)	205,900	205,900	0	0		(205,900)
Cash backed reserves						
Plant Replacement Reserve	(188,200)		0	(188,200)		0
Buildings Reserve	(530,000)		0	(530,000)		0
Waste Management Reserve	(5,000)		0	(5,000)		0
ICT Reserve	(40,100)		0	(40,100)		0
Apex Park Redevelopment Reserve	(308,000)		0	(308,000)		0
Merredin-Narembeen Rd Reserve	(267,900)		0	(267,900)		0
Contribution - operations	3,887,930	(164,594)	337,359	4,389,883		501,953
<b>Capital funding total</b>	<b>16,198,028</b>	<b>3,791,596</b>	<b>2,206,934</b>	<b>14,613,366</b>		<b>(1,584,662)</b>

#### SIGNIFICANT ACCOUNTING POLICIES

Each class of fixed assets within either plant and equipment or infrastructure, is carried at cost or fair value as indicated less, where applicable, any accumulated depreciation and impairment losses.

Assets for which the fair value as at the date of acquisition is under \$5,000 are not recognised as an asset in accordance with *Financial Management Regulation 17A (5)*. These assets are expensed immediately.

Where multiple individual low value assets are purchased together as part of a larger asset or collectively forming a larger asset exceeding the threshold, the individual assets are recognised as one asset and capitalised.

#### Initial recognition and measurement for assets held at cost

Plant and equipment including furniture and equipment is recognised at cost on acquisition in accordance with *Financial Management Regulation 17A*. Where acquired at no cost the asset is initially recognise at fair value. Assets held at cost are depreciated and assessed for impairment annually.

#### Initial recognition and measurement between mandatory revaluation dates for assets held at fair value

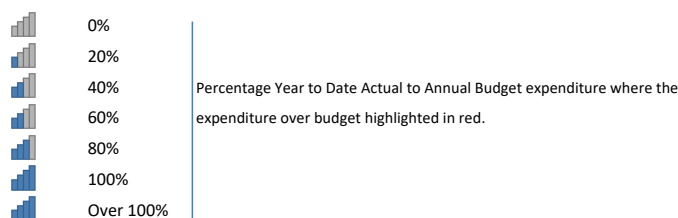
In relation to this initial measurement, cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. For assets acquired at zero cost or otherwise significantly less than fair value, cost is determined as fair value at the date of acquisition. The cost of non-current assets constructed by the Shire includes the cost of all materials used in construction, direct labour on the project and an appropriate proportion of variable and fixed overheads.

Payments for Capital Acquisitions



Capital expenditure total

Level of completion indicators



Level of completion indicator, please see table at the end of this note for further details

Account Description			Adopted			Variance (Under)/Over
			Budget	YTD Budget	YTD Actual	
			\$	\$	\$	\$
4090210	BC032	OTH HOUSE - Building (Capital)	12,300	12,300	9,590.00	(2,710.00)
4090210	BC033	OTH HOUSE - Building (Capital)	17,000	17,000	-	(17,000.00)
4090210	BC035	OTH HOUSE - Building (Capital)	4,500	0	3,766.00	3,766.00
4090210	BC042	OTH HOUSE - Building (Capital)	25,000	0	-	-
4100110	LC041	SAN - Building (Capital)	15,000	5,000	2,138.29	(2,861.71)
4100130		SAN - Plant & Equipment (Capital)	20,000	0	-	-
4100180	LC002	SAN - Infrastructure Other (Capital)	105,000	43,750	29,900.00	(13,850.00)
4100590	EC001	ENVIRON - Infrastructure Other (Capital)	14,500	0	1,828.75	1,828.75
4110110	BC006	HALLS - Building (Capital)	8,000	0	-	-
4110310	BC085	REC - Other Rec Facilities Building (Capital)	44,400	14,800	5,677.28	(9,122.72)
4110320		REC - Other Rec Facilities Building (Capital)	5,600	0	-	-
4110290	SC041	SWIM AREAS - Infrastructure (Capital)	5,000	2,085	-	(2,085.00)
4110290	SC042	SWIM AREAS - Infrastructure (Capital)	15,000	15,000	11,900.00	(3,100.00)
4110290	SC043	SWIM AREAS - Infrastructure (Capital)	15,000	15,000	11,736.40	(3,263.60)
4110370	PC001	REC - Infrastructure Parks & Gardens (Capital)	4,386,185	0	51,691.05	51,691.05
4110370	PC036	REC - Infrastructure Parks & Gardens (Capital)	370,000	123,334	-	(123,334.00)
4110370	PC037	REC - Infrastructure Parks & Gardens (Capital)	194,000	194,000	-	(194,000.00)
4110370	PC007	REC - Infrastructure Parks & Gardens (Capital)	3,381,343	1,127,114	43,048.96	(1,084,065.04)
4110370	PC041	REC - Infrastructure Parks & Gardens (Capital)	580,000	0	-	-
4110370	PC043	REC - Infrastructure Parks & Gardens (Capital)	30,000	10,000	-	(10,000.00)
4110510	BC004	LIBRARY - Library Building (Capital)	21,000	0	-	-
4110610	HC041	HERITAGE - Building (Capital)	40,000	16,665	-	(16,665.00)
4110710	BC002	OTH CUL - Building (Capital)	43,900	14,634	6,200.00	(8,434.00)
4110730		OTH CUL - Plant & Equipment (Capital)	6,100	0	-	-
4120110		ROADC - Building (Capital)	13,500	0	-	-
4120140	RC401	ROADC - Roads Built Up Area - Council Funded	35,000	0	-	-
4120141	RC239	ROADC - Roads Outside BUA - Sealed - Council Funded	4,293,700	1,789,040	1,765,291.93	(23,748.07)
4120144	R2R000	ROADC - Roads Built Up Area - Roads to Recovery	369,700	348,115	-	(348,115.00)
4120149	RRG001	ROADC - Roads Outside BUA - Sealed - Regional Road Group	81,500	0	-	-
4120149	RRG003	ROADC - Roads Outside BUA - Sealed - Regional Road Group	160,000	0	-	-
4120149	RRG072	ROADC - Roads Outside BUA - Sealed - Regional Road Group	162,200	67,585	-	(67,585.00)
4120150	RRG090	ROADC - Roads Outside BUA - Gravel - Regional Road Group	566,900	236,210	-	(236,210.00)
4120165	DC142	ROADC - Drainage Built Up Area (Capital)	70,000	29,165	-	(29,165.00)
4120168	KC000	ROADC - Kerbing (Capital)	35,000	0	-	-
4120170	FC000	ROADC - Footpaths and Cycleways (Capital)	67,800	28,250	-	(28,250.00)
4120330		PLANT - Plant & Equipment (Capital)	703,900	262,460	181,560.58	(80,899.42)
4120790	WC002	WATER - Infrastructure Other (Capital)	100,000	41,665	39,878.32	(1,786.68)
4120790	WC003	MRWN - Upgrade	180,000	0	32,050.00	32,050.00
			<b>16,198,028</b>	<b>4,413,172</b>	<b>2,196,257.56</b>	<b>-2,216,914.44</b>

Repayments - borrowings

Information on borrowings Particulars	Loan No.	1 July 2023	New Loans		Principal Repayments		Principal Outstanding		Interest Repayments	
			Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget
		\$	\$	\$	\$	\$	\$	\$	\$	
<b>Education and welfare</b>										
CEACA Contributions	217	262,693			(31,069)	(62,300)	231,624	200,393	(4,137)	(7,800)
<b>Recreation and culture</b>										
CBD Development	219		0	1,480,000		(55,800)	0	1,424,200	0	(33,600)
		262,693	0	1,480,000	(31,069)	-118,100	231,624	1,624,593	-4,137	-41,400
<b>Self supporting loans</b>										
<b>Education and welfare</b>										
Merretville	215	226,758	0	0	(18,192)	(36,800)	226,758	189,958	(5,601)	(10,700)
		226,758	0	0	(18,192)	-36,800	226,758	189,958	(5,601)	(10,700)
<b>Total</b>		489,451	0	1,480,000	(49,261)	-154,900	458,382	1,814,551	(9,738)	(52,100)
Current borrowings		154,900					50,199			
Non-current borrowings		334,551					408,183			
		489,451					458,382			

All debenture repayments were financed by general purpose revenue.

Self supporting loans are financed by repayments from third parties.

The Shire has no unspent debenture funds as at 30th June 2022, nor is it expected to have unspent funds as at 30th June 2023.

**KEY INFORMATION**

Borrowing costs are recognised as an expense when incurred except where they are directly attributable to the acquisition, construction or production of a qualifying asset. Where this is the case, they are capitalised as part of the cost of the particular asset until such time as the asset is substantially ready for its intended use or sale.

Fair values of borrowings are not materially different to their carrying amounts, since the interest payable on those borrowings is either close to current market rates or the borrowings are of a short term nature. Non-current borrowings fair values are based on discounted cash flows using a current borrowing rate.

**KEY INFORMATION**

At inception of a contract, the Shire assesses if the contract contains or is a lease. A contract is or contains a lease, if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. At the commencement date, a right of use asset is recognised at cost and lease liability at the present value of the lease payments that are not paid at that date. The lease payments are discounted using that date. The lease payments are discounted using the interest rate implicit in the lease, if that rate can be readily determined. If that rate cannot be readily determined, the Shire uses its incremental borrowing rate.

All contracts classified as short-term leases (i.e. a lease with a remaining term of 12 months or less) and leases of low value assets are recognised as an operating expense on a straight-line basis over the term of the lease.

NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 30 NOVEMBER 2023

OPERATING ACTIVITIES  
NOTE 9  
RESERVE ACCOUNTS

Reserve accounts

Reserve name	Opening Balance	Budget Interest Earned	Actual Interest Earned	Budget Transfers In (+)	Actual Transfers In (+)	Budget Transfers Out (-)	Actual Transfers Out (-)	Budget Closing Balance	Actual YTD Closing Balance
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Restricted by Legislation</b>									
Plant Replacement Reserve	729,127	9,200	11,513	-	-	(188,200)	-	550,127	740,640
Buildings Reserve	1,123,227	31,700	17,736	-	-	(530,000)	-	624,927	1,140,963
Land & Development Reserve	1,600,696	22,900	25,276	-	-	0	-	1,623,596	1,625,972
Recreation Reserve	926,656	13,300	14,632	-	-	0	-	939,956	941,288
Disaster Relief Reserve	251,516	3,500	3,972	-	-	0	-	255,016	255,488
Cummings St Units Reserve	46,410	900	733	-	-	0	-	47,310	47,143
Waste Management Reserve	381,063	5,400	6,017	-	-	(5,000)	-	381,463	387,080
Unspent Capital Works Reserve	374,882	2,900	5,920	-	-	0	-	377,782	380,802
ICT Reserve	293,830	4,700	4,640	-	-	(40,100)	-	258,430	298,470
Apex Park Redevelopment Reserve	304,472	1,600	4,808	-	-	(308,000)	-	(1,928)	309,280
Merredin-Narembeen Rd Reserve	566,931	8,500	8,755	285,900	-	(267,900)	-	593,431	575,686
<b>Restricted by Council</b>									
Leave reserve	377,063	5,400	5,954	-	0	-	0	382,463	383,017
	<b>6,975,873</b>	<b>110,000</b>	<b>109,955</b>	<b>285,900</b>	<b>0</b>	<b>(1,339,200)</b>	<b>0</b>	<b>6,032,573</b>	<b>7,085,828</b>

	Note	Opening Balance 1 July 2023	Liability transferred from/(to) non current	Liability Increase	Liability Reduction	Closing Balance 30 November 2023
		\$		\$	\$	\$
<b>Other current liabilities</b>						
<b>Other liabilities</b>						
- Contract liabilities		1,288,770	0	0	0	1,288,770
- Capital grant/contribution liabilities		0	0	0	0	0
- Other liabilities [describe]		18,192	0	400		18,592
<b>Total other liabilities</b>		1,306,962	0	400	0	1,307,362
<b>Employee Related Provisions</b>						
Annual leave		329,317	0			329,317
Long service leave		242,268	0			242,268
<b>Total Employee Related Provisions</b>		571,585	0	0	0	571,585
<b>Total Other Provisions</b>		0	0	0	0	0
<b>Total other current assets</b>		1,878,547	0	400	0	1,878,947
<b>Amounts shown above include GST (where applicable)</b>						

A breakdown of contract liabilities and associated movements is provided on the following pages at Note 11

#### KEY INFORMATION

##### Provisions

Provisions are recognised when the Shire has a present legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

Provisions are measured using the best estimate of the amounts required to settle the obligation at the end of the reporting period.

##### Employee Related Provisions

###### Short-term employee benefits

Provision is made for the Shire's obligations for short-term employee benefits. Short-term employee benefits are benefits (other than termination benefits) that are expected to be settled wholly before 12 months after the end of the annual reporting period in which the employees render the related service, including wages, salaries and sick leave. Short-term employee benefits are measured at the (undiscounted) amounts expected to be paid when the obligation is settled.

The Shire's obligations for short-term employee benefits such as wages, salaries and sick leave are recognised as a part of current trade and other payables in the calculation of net current assets.

###### Other long-term employee benefits

The Shire's obligations for employees' annual leave and long service leave entitlements are recognised as employee related provisions in the statement of financial position.

Long-term employee benefits are measured at the present value of the expected future payments to be made to employees. Expected future payments incorporate anticipated future wage and salary levels, durations of service and employee departures and are discounted at rates determined by reference to market yields at the end of the reporting period on government bonds that have maturity dates that approximate the terms of the obligations. Any remeasurements for changes in assumptions of obligations for other long-term employee benefits are recognised in profit or loss in the periods in which the changes occur. The Shire's obligations for long-term employee benefits are presented as non-current provisions in its statement of financial position, except where the Shire does not have an unconditional right to defer settlement for at least 12 months after the end of the reporting period, in which case the obligations are presented as current provisions.

##### Contract liabilities

An entity's obligation to transfer goods or services to a customer for which the entity has received consideration (or the amount is due) from the customer.

##### Capital grant/contribution liabilities

Grants to acquire or construct recognisable non-financial assets to identified specifications be constructed to be controlled by the Shire are recognised as a liability until such time as the Shire satisfies its obligations under the agreement.



Provider	Unspent operating grant, subsidies and contributions liability					Operating grants, subsidies and contributions revenue			
	Liability 1 July 2023	Increase in Liability	Decrease in Liability (As revenue)	Liability 30 Nov 2023	Current Liability 30 Nov 2023	Adopted Budget Revenue	YTD Budget	YTD Revenue Actual	Forecast 30 June Closing
	\$	\$	\$	\$	\$	\$	\$	\$	
<b>Operating grants and subsidies</b>									
<b>General purpose funding</b>									
GEN PUR - Financial Assistance Grant - General				0		0	82,900	67,915	(14,986)
<b>Law, order, public safety</b>									
ESL BFB - Operating Grant				0		69,200	28,065	30,879	72,014
ESL SES - Operating Grant				0		14,000	11,165	13,401	16,236
<b>Education and welfare</b>									
SENIORS - Reimbursements				0		10,800	4,500	5,601	11,901
WELFARE - Community Development Grants				0		19,500	7,090	2,500	14,910
<b>Housing</b>									
OTH HOUSE - Rental Reimbursements				0		0	0	15,571	15,571
<b>Recreation and culture</b>									
HALLS - Grants				0		0	0	0	0
HERITAGE - Grant	8,000			8,000		20,000	20,000	0	0
<b>Transport</b>									
ROADM - Street Lighting Subsidy				0		20,900	0	0	20,900
ROADM - Road Contribution Income				0		285,900	119,125	194,892	361,667
ROADM - Direct Road Grant (MRWA)				0		251,200	106,835	256,337	400,702
<b>Economic services</b>									
TOURISM - Reimbursements				0		35,800	13,328	2,765	25,237
TOURISM - Other Income Relating to Tourism & Area Promotion				0		43,000	17,596	8,789	34,193
<b>Other property and services</b>									
PWO - Other Reimbursements				0		100	40	0	60
SAL - Reimbursement - Parental Leave				0		0	0	14,445	14,445
POC - Fuel Tax Credits Grant Scheme				0		0	0	12,493	12,493
	8,000	0	0	8,000	0	770,400	463,564	625,586	932,422
<b>TOTALS</b>	8,000	0	0	8,000	0	770,400	463,564	625,586	932,422

Provider	Capital grant/contribution liabilities					Non operating grants, subsidies and contributions revenue			
	Liability 1 July 2023	Increase in Liability	Decrease in Liability (As revenue)	Liability 30 Nov 2023	Current Liability 30 Nov 2023	Adopted Budget Revenue	YTD Budget	YTD Revenue Actual	Forecast 30 June Closing
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Non-operating grants and subsidies</b>									
<b>Community amenities</b>									
DWER - E-Waste Infrastructure Grants	0			0		75,700	31,540	75,680	119,840
DMIRS - EV Charges				0		7,000	0	0	7,000
<b>Recreation and culture</b>									
REC - Grants - Capital						2,100,061	0	0	2,100,061
REC - Grants - LRCI	573,735			573,735		2,124,067	0	0	2,124,067
REC - Grants - BBRF				0		1,520,400	0	0	1,520,400
REC - Other Capital Contributions				0		574,070	0	0	574,070
Audience Development	47,521			47,521				0	0
War Stories Illumination Projections	10,658			10,658				0	0
Heritage Grant	0			0		0		0	0
<b>Transport</b>									
ROADC - Regional Road Group Grants (MRWA)	628,243			628,243		646,900	269,540	548,635	925,995
ROADC - Roads to Recovery Grant				0		693,200	288,835	73,287	477,652
ROADC - Wheatbelt Secondary Freight Network				0		4,032,900	1,680,375	1,142,169	3,494,694
LRCI - Phase 1	14,553			14,553				0	0
WATER - CWSP Grant 1				0		89,100	0	19,804	108,904
WATER - CWSP Grant 2				0		100,000	0	10,000	110,000
Vegetation control	6,060			6,060					0
	<b>1,280,770</b>	<b>0</b>	<b>0</b>	<b>1,280,770</b>	<b>0</b>	<b>11,963,398</b>	<b>2,270,290</b>	<b>1,869,575</b>	<b>11,562,683</b>
<b>TOTALS</b>	<b>1,280,770</b>	<b>0</b>	<b>0</b>	<b>1,280,770</b>	<b>0</b>	<b>11,963,398</b>	<b>2,270,290</b>	<b>1,869,575</b>	<b>11,562,683</b>

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 30 NOVEMBER 2023**

**NOTE 12  
TRUST FUND**

Funds held at balance date which are required by legislation to be credited to the trust fund and which are not included in the financial statements are as follows:

Description	Opening Balance 1 July 2023	Amount Received	Amount Paid	Closing Balance 30 Nov 2023
	\$	\$	\$	\$
	0	0	0	0

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 30 NOVEMBER 2023**

**NOTE 13  
BUDGET AMENDMENTS**

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Code	Description	Council Resolution	Classification	Non Cash	Increase in	Decrease in	Amended Budget
				Adjustment	Cash	Available Cash	Running Balance
				\$	\$	\$	\$
	<b>Budget adoption</b>						0
3050610	ESL SES - Operating Grant				12,801		12,801
2050669	ESL SES - Plant & Equipment \$1,200 to \$5,000 per item					(12,801)	0
2050510	ESL BFB - Operating Grant					(3,721)	(3,721)
2050510	ESL BFB - Operating Grant				1,884		(1,837)
2050586	ESL BFB - Plant & Equipment <\$1,200					(4,837)	(6,674)
SC041	Capital Repairs to Pool Bowl					(15,000)	(21,674)
SC043	Capital Repairs to existing filters replacing laterals and filter media				15,000		(6,674)
9673301	Building Reserve					(80,000)	(86,674)
2110354	REC - MRCLC Initial Maintenance and Repairs				80,000		(6,674)
PC041	Water Tower Reimbursements					(228,900)	(235,574)
3110315	REC - Other Capital Contributions				237,670		2,096
3030211	GEN PUR - FAGS Roads Extra Financial Assistance				50,775		52,871
4120330	PLANT - Plant & Equipment (Capital) Trimble Survey Equipment					(49,000)	3,871
Various	Budget Review Amendments - October 2023				4,935		8,806
PC001	Apex Park Revitalisation				2,364,985		2,373,791
FC000	Footpath					(43,000)	2,330,791
KC000	Kerbing Replacement					(15,000)	2,315,791
9673501	Apex Park Reserve					(55,000)	2,260,791
PC036	Visitor Centre (Building Reserve)					(80,000)	2,180,791
3110313	REC - Grants - LRCI Capital					(71,924)	2,108,867
3110310	REC - Grants - Capital					(2,100,061)	8,806
PC007	CBD Redevelopment				330,943		339,749
3110313	REC - Grants - LRCI Capital					(330,943)	8,806
4110385	Liquidity Loan - Interest				80,000		88,806
3030245	GEN PUR - Interest earned - Reserve Funds					(80,000)	8,806
				<b>0</b>	<b>3,178,993</b>	<b>(3,170,187)</b>	

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 30 NOVEMBER 2023**

**NOTE 14  
EXPLANATION OF MATERIAL VARIANCES**

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date Actual materially.

The material variance adopted by Council for the 2023-24 year is \$10,000 or 10.00% whichever is the greater.

Nature or type	Var. \$	Var. %	Explanation of variances	
			Timing	Permanent
	\$	%		
<b>Revenue from operating activities</b>				
Operating grants, subsidies and contributions	162,022	34.95%	▲ Timing	Timing of Grants received earlier than budgeted.
Fees and charges	120,710	19.24%	▲ Timing	Increase in Shire amenities usage and building services applications
Interest earnings	56,197	41.67%	▲ Timing	Interest Rates have increased
Other revenue	(32,809)	(22.70%)	▼ Timing	Sundry revenue difficult to predict timing.
Profit on disposal of assets	(47,415)	(100.00%)	▼ Timing	Assets not yet disposed
<b>Expenditure from operating activities</b>				
Employee costs	522,046	22.76%	▲ Timing	Staff Vacancy Roles yet to be filled
Materials and contracts	411,375	25.26%	▲ Timing	Expenditure not yet completed.
Utility charges	76,913	33.44%	▲ Timing	Utility costs lower than budgeted. Will be checked at budget review.
Depreciation on non-current assets	295,795	12.08%	▲ Timing	Depreciation lower than budgeted due to asset revals.
Other expenditure	17,829	17.19%	▲ Timing	Timing of other expenditure against budget profile.
Non-cash amounts excluded from operating activities	(253,255)	(10.53%)	▼ Timing	Depreciation lower than budgeted due to asset reval
<b>Investing activities</b>				
Proceeds from non-operating grants, subsidies and contributions	(400,715)	(17.65%)	▼ Timing	Grants not yet received reflected in Capital expenditure
Proceeds from disposal of assets	(205,900)	(100.00%)	▼ Timing	Assets not yet disposed
Payments for property, plant and equipment and infrastructure	1,584,662	41.79%	▲ Timing	Capital expenditure not yet completed reflected in grants not yet received.
<b>Financing activities</b>				
Proceeds from new debentures	(1,480,000)	(100.00%)	▼ Timing	Loan not yet drawn down.
Transfer from reserves	(1,339,200)	(100.00%)	▼ Timing	Reserve transfer not yet complete.
Repayment of debentures	105,639	68.20%	▲ Timing	Loan Payment made in July
Transfer to reserves	285,945	72.23%	▲ Timing	Reserve transfer not yet complete.
<b>Closing funding surplus / (deficit)</b>	<b>(49,964)</b>	<b>0.71%</b>		

30/11/2023



***Income & Expenditure for the period ended***

***November 30 2023***

Prog	SP	Type	COA	Job	Description	Original Budget	Budget		YTD Budget	YTD Actual	Variance (%)
							Amendments	Current Budget			
03	0301	2	2030112		RATES - Valuation Expenses	\$50,000.00	\$0.00	\$50,000.00	\$4,165.00	\$506.36	-87.84%
03	0301	2	2030114		RATES - Debt Collection Expenses	\$60,000.00	\$0.00	\$60,000.00	\$25,000.00	\$4,774.00	-80.90%
03	0301	2	2030118		RATES - Rates Write Off	\$80,000.00	\$0.00	\$80,000.00	\$33,335.00	\$4,687.10	-85.94%
03	0301	2	2030185		RATES - Legal Expenses (not recoverable)	\$3,000.00	\$0.00	\$3,000.00	\$3,000.00	\$0.00	-100.00%
03	0301	2	2030199		RATES - Administration Allocated	\$51,900.00	\$0.00	\$51,900.00	\$21,625.00	\$19,962.96	-7.69%
<b>Operating Expenditure Total</b>						<b>\$244,900.00</b>	<b>\$0.00</b>	<b>\$244,900.00</b>	<b>\$87,125.00</b>	<b>\$29,930.42</b>	
03	0301	3	3030120		RATES - Instalment Admin Fee Received	-\$35,500.00	\$0.00	-\$35,500.00	-\$14,790.00	-\$32,355.68	118.77%
03	0301	3	3030121		RATES - Account Enquiry Charges	-\$500.00	\$0.00	-\$500.00	-\$210.00	\$0.00	-100.00%
03	0301	3	3030122		RATES - Reimbursement of Debt Collection Costs	-\$60,000.00	\$0.00	-\$60,000.00	-\$25,000.00	-\$4,194.00	-83.22%
03	0301	3	3030130		RATES - Rates Levied - Synergy	-\$5,215,600.00	-\$3,200.00	-\$5,218,800.00	-\$5,166,612.00	-\$5,218,868.58	1.01%
03	0301	3	3030140		RATES - Ex-Gratia Rates (CBH, etc.)	-\$77,300.00	-\$1,900.00	-\$79,200.00	-\$78,408.00	-\$79,191.36	1.00%
03	0301	3	3030145		RATES - Penalty Interest Received	-\$32,000.00	\$0.00	-\$32,000.00	-\$13,335.00	-\$20,321.26	52.39%
03	0301	3	3030147		RATES - Pensioner Deferred Interest Received	-\$4,000.00	\$0.00	-\$4,000.00	-\$1,665.00	-\$1,843.63	70.79%
<b>Operating Income Total</b>						<b>-\$5,424,900.00</b>	<b>-\$5,100.00</b>	<b>-\$5,430,000.00</b>	<b>-\$5,300,020.00</b>	<b>-\$5,357,774.51</b>	
<b>Rates Total</b>						<b>-\$5,180,000.00</b>	<b>-\$5,100.00</b>	<b>-\$5,185,100.00</b>	<b>-\$5,212,895.00</b>	<b>-\$5,327,844.09</b>	
03	0302	2	2030211		GEN PUR - Bank Fees & Charges	\$1,100.00	\$0.00	\$1,100.00	\$460.00	\$53.33	-88.41%
<b>Operating Expenditure Total</b>						<b>\$1,100.00</b>	<b>\$0.00</b>	<b>\$1,100.00</b>	<b>\$460.00</b>	<b>\$53.33</b>	
03	0302	3	3030210		GEN PUR - Financial Assistance Grant - General	\$0.00	-\$82,900.00	-\$82,900.00	-\$82,900.00	-\$67,914.50	-18.08%
03	0302	3	3030211		GEN PUR - Financial Assistance Grant - Roads	\$0.00	-\$52,920.00	-\$52,920.00	-\$52,920.00	\$0.00	-100.00%
03	0302	3	3030220		GEN PUR - Charges - Photocopying / Faxing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
03	0302	3	3030245		GEN PUR - Interest Earned - Reserve Funds	-\$110,000.00	-\$80,000.00	-\$190,000.00	-\$79,165.00	-\$88,520.15	11.82%
03	0302	3	3030246		GEN PUR - Interest Earned - Municipal Funds	-\$50,000.00	-\$30,000.00	-\$80,000.00	-\$33,335.00	-\$65,036.79	95.10%
03	0302	3	3030291		Gain on FV Valuation of Assets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Income Total</b>						<b>-\$160,000.00</b>	<b>-\$245,820.00</b>	<b>-\$405,820.00</b>	<b>-\$248,320.00</b>	<b>-\$221,471.44</b>	
<b>Other General Purpose Funding Total</b>						<b>-\$158,900.00</b>	<b>-\$245,820.00</b>	<b>-\$404,720.00</b>	<b>-\$247,860.00</b>	<b>-\$221,418.11</b>	
03	0303	4	4030381		INVEST - Transfer to Employee Entitlement Reserve	\$5,400.00	\$0.00	\$5,400.00	\$2,250.00	\$4,795.37	113.13%
03	0303	4	4030383		INVEST - Transfer to Plant Replacement Reserve	\$9,200.00	\$0.00	\$9,200.00	\$3,835.00	\$9,272.82	141.79%
03	0303	4	4030384		INVEST - Transfer to Building Reserve	\$31,700.00	\$0.00	\$31,700.00	\$13,210.00	\$14,284.87	8.14%
03	0303	4	4030385		INVEST - Transfer to Land and Development Reserve	\$22,900.00	\$0.00	\$22,900.00	\$9,540.00	\$20,357.17	113.39%
03	0303	4	4030386		INVEST - Transfer to ICT Reserve	\$4,700.00	\$0.00	\$4,700.00	\$1,960.00	\$3,736.84	90.66%
03	0303	4	4030387		INVEST - Transfer to Disaster Relief Fund Reserve	\$3,500.00	\$0.00	\$3,500.00	\$1,460.00	\$3,198.72	119.09%
03	0303	4	4030389		INVEST - Transfer to Cummings Street Units Reserve	\$900.00	\$0.00	\$900.00	\$375.00	\$590.23	57.39%
03	0303	4	4030390		INVEST - Transfer to Waste Management Reserve	\$5,400.00	\$0.00	\$5,400.00	\$2,250.00	\$4,846.24	115.39%
03	0303	4	4030391		INVEST - Transfer to Unspent Grants Reserve	\$2,900.00	\$0.00	\$2,900.00	\$1,210.00	\$4,767.64	294.02%
03	0303	4	4030393		INVEST - Transfer to Recreation Facilities Reserve	\$13,300.00	\$0.00	\$13,300.00	\$5,540.00	\$11,784.93	112.72%
03	0303	4	4030394		INVEST - Transfer to Apex Park Redevelopment Reserve	\$1,600.00	\$0.00	\$1,600.00	\$665.00	\$3,872.18	482.28%
03	0303	4	4030395		INVEST - Transfer to Merredin-Narembeen Road	\$8,500.00	\$285,900.00	\$294,400.00	\$122,665.00	\$7,013.14	-94.28%
<b>Capital Expenditure Total</b>						<b>\$110,000.00</b>	<b>\$285,900.00</b>	<b>\$395,900.00</b>	<b>\$164,960.00</b>	<b>\$88,520.15</b>	
03	0303	5	5030383		INVEST - Transfer from Plant Replacement Reserve	-\$188,200.00	\$0.00	-\$188,200.00	-\$94,100.00	\$0.00	-100.00%

03	0303	5	5030384	INVEST - Transfer from Building Reserve	-\$450,000.00	-\$80,000.00	-\$530,000.00	-\$353,334.00	\$0.00	-100.00%
03	0303	5	5030386	INVEST - Transfer from ICT Reserve	-\$40,100.00	\$0.00	-\$40,100.00	\$0.00	\$0.00	
03	0303	5	5030389	INVEST - Transfer from Cummings Street Units Reserve	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
03	0303	5	5030390	INVEST - Transfer from Waste Management Reserve	-\$5,000.00	\$0.00	-\$5,000.00	\$0.00	\$0.00	
03	0303	5	5030394	INVEST - Transfer from Apex Park Redevelopment Reserve	-\$253,000.00	-\$55,000.00	-\$308,000.00	\$0.00	\$0.00	
03	0303	5	5030395	INVEST - Transfer from Merredin/Narambeen Road Reser	-\$245,800.00	-\$22,100.00	-\$267,900.00	\$0.00	\$0.00	
<b>Capital Income Total</b>					<b>-\$1,182,100.00</b>	<b>-\$157,100.00</b>	<b>-\$1,339,200.00</b>	<b>-\$447,434.00</b>	<b>\$0.00</b>	
<b>Reserve Transfers Total</b>					<b>-\$1,072,100.00</b>	<b>\$128,800.00</b>	<b>-\$943,300.00</b>	<b>-\$282,474.00</b>	<b>\$88,520.15</b>	
<b>General Purpose Funding Total</b>					<b>-\$6,411,000.00</b>	<b>-\$122,120.00</b>	<b>-\$6,533,120.00</b>	<b>-\$5,743,229.00</b>	<b>-\$5,460,742.05</b>	
04	0401	2	2040104	MEMBERS - Training & Development	\$45,000.00	\$0.00	\$45,000.00	\$18,750.00	\$14,229.30	-24.11%
04	0401	2	2040109	MEMBERS - Members Travel and Accommodation	\$20,000.00	\$0.00	\$20,000.00	\$8,330.00	\$3,927.76	-52.85%
04	0401	2	2040111	MEMBERS - Mayors/Presidents Allowance	\$13,600.00	\$0.00	\$13,600.00	\$3,400.00	\$3,402.50	0.07%
04	0401	2	2040112	MEMBERS - Deputy Mayors/Presidents Allowance	\$3,400.00	\$0.00	\$3,400.00	\$1,700.00	\$850.00	-50.00%
04	0401	2	2040113	MEMBERS - Members Sitting Fees	\$65,400.00	\$0.00	\$65,400.00	\$16,350.00	\$16,340.00	-0.06%
04	0401	2	2040114	MEMBERS - Communications Allowance	\$2,500.00	\$0.00	\$2,500.00	\$1,040.00	\$496.00	-52.31%
04	0401	2	2040116	MEMBERS - Election Expenses	\$24,500.00	\$22,000.00	\$46,500.00	\$46,500.00	\$715.24	-98.46%
04	0401	2	2040129	MEMBERS - Donations to Community Groups	\$0.00	\$0.00	\$0.00	\$0.00	\$6,000.00	
04	0401	2	2040141	MEMBERS - Subscriptions & Publications	\$85,000.00	\$0.00	\$85,000.00	\$85,000.00	\$64,526.28	-24.09%
04	0401	2	2040186	MEMBERS - Expensed Minor Asset Purchases	\$8,000.00	\$0.00	\$8,000.00	\$3,335.00	\$0.00	-100.00%
04	0401	2	2040187	MEMBERS - Other Expenses	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$420.92	-79.81%
04	0401	2	2040188	MEMBERS - Chambers Operating Expenses	\$800.00	\$0.00	\$800.00	\$335.00	\$0.00	-100.00%
04	0401	2	2040189	MEMBERS - Chambers Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
04	0401	2	2040190	MEMBERS - Minute Binding/Record keeping	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$0.00	-100.00%
<b>Operating Expenditure Total</b>					<b>\$279,200.00</b>	<b>\$22,000.00</b>	<b>\$301,200.00</b>	<b>\$189,325.00</b>	<b>\$110,908.00</b>	
<b>Members Of Council Total</b>					<b>\$279,200.00</b>	<b>\$22,000.00</b>	<b>\$301,200.00</b>	<b>\$189,325.00</b>	<b>\$110,908.00</b>	
04	0402	2	2040211	OTH GOV - Civic Functions, Refreshments & Receptions	\$23,000.00	\$0.00	\$23,000.00	\$9,585.00	\$3,854.55	-59.79%
04	0402	2	2040215	OTH GOV - Printing and Stationery	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
04	0402	2	2040223	OTH GOV - LGIS Risk Expenditure	\$15,200.00	\$0.00	\$15,200.00	\$6,335.00	\$0.00	-100.00%
04	0402	2	2040251	OTH GOV - Consultancy - Strategic	\$172,297.00	-\$19,997.00	\$152,300.00	\$63,460.00	\$8,280.00	-86.95%
04	0402	2	2040265	OTH GOV - Maintenance/Operations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
04	0402	2	2040286	OTH GOV - Expensed Minor Asset Purchases	\$10,000.00	\$0.00	\$10,000.00	\$4,165.00	\$290.00	-93.04%
04	0402	2	2040299	OTH GOV - Administration Allocated	\$414,900.00	\$49,500.00	\$464,400.00	\$193,500.00	\$159,703.72	-17.47%
<b>Operating Expenditure Total</b>					<b>\$635,397.00</b>	<b>\$29,503.00</b>	<b>\$664,900.00</b>	<b>\$277,045.00</b>	<b>\$172,128.27</b>	
04	0402	3	3040220	OTH GOV - Fees & Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
04	0402	3	3040235	OTH GOV - Other Income	-\$14,000.00	\$0.00	-\$14,000.00	-\$5,835.00	-\$6,585.85	12.87%
<b>Operating Income Total</b>					<b>-\$14,000.00</b>	<b>\$0.00</b>	<b>-\$14,000.00</b>	<b>-\$5,835.00</b>	<b>-\$6,585.85</b>	
<b>Other Governance Total</b>					<b>\$635,397.00</b>	<b>\$29,503.00</b>	<b>\$664,900.00</b>	<b>\$277,045.00</b>	<b>\$165,542.42</b>	
<b>Governance Total</b>					<b>\$914,597.00</b>	<b>\$51,503.00</b>	<b>\$966,100.00</b>	<b>\$466,370.00</b>	<b>\$276,450.42</b>	
05	0501	2	2050102	FIRE - Honorarium	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00	
05	0501	2	2050130	FIRE - Insurance Expenses	\$1,600.00	\$0.00	\$1,600.00	\$665.00	\$1,500.00	125.56%
05	0501	2	2050165	FIRE - Maintenance/Operations	\$1,500.00	\$0.00	\$1,500.00	\$625.00	\$408.88	-34.58%
05	0501	2	2050185	FIRE - Legal Expenses	\$2,500.00	\$0.00	\$2,500.00	\$1,040.00	\$0.00	-100.00%



05	0501	2	2050187	FIRE - Other Expenditure							
05	0501	2	2050187 W0081	Fire Breaks	\$4,000.00	\$0.00	\$4,000.00	\$1,665.00	\$5,000.00	200.30%	
05	0501	2	2050187 W0082	Fire Fightings	\$3,500.00	\$0.00	\$3,500.00	\$1,455.00	\$1,872.98	28.73%	
05	0501	2	2050189	FIRE - Building Maintenance							
05	0501	2	2050189 BM070	Bush Fire Sheds Hines Hill - Building Maintenance	\$1,700.00	\$0.00	\$1,700.00	\$710.00	\$147.86	-79.17%	
05	0501	2	2050189 BM071	Bush Fire Sheds Muntadgin - Building Maintenance	\$1,700.00	\$0.00	\$1,700.00	\$710.00	\$0.00	-100.00%	
05	0501	2	2050192	FIRE - Depreciation	\$11,200.00	\$0.00	\$11,200.00	\$4,670.00	\$4,669.58	-0.01%	
05	0501	2	2050199	FIRE - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%	
<b>Operating Expenditure Total</b>					<b>\$132,900.00</b>	<b>\$0.00</b>	<b>\$132,900.00</b>	<b>\$54,750.00</b>	<b>\$53,525.22</b>		
05	0501	3	3050135	FIRE - Other Income	-\$2,500.00	\$500.00	-\$2,000.00	-\$835.00	-\$1,440.74	72.54%	
<b>Operating Income Total</b>					<b>-\$2,500.00</b>	<b>\$500.00</b>	<b>-\$2,000.00</b>	<b>-\$835.00</b>	<b>-\$1,440.74</b>		
<b>Fire Prevention Total</b>					<b>\$128,900.00</b>	<b>\$500.00</b>	<b>\$129,400.00</b>	<b>\$53,915.00</b>	<b>\$52,084.48</b>		
05	0502	2	2050200	ANIMAL - Employee Costs	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%	
05	0502	2	2050210	ANIMAL - Motor Vehicle Expenses	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
05	0502	2	2050212	ANIMAL - Animal Destruction	\$600.00	\$0.00	\$600.00	\$250.00	\$50.00	-80.00%	
05	0502	2	2050216	ANIMAL - Contract Ranger Services	\$120,000.00	\$0.00	\$120,000.00	\$50,000.00	\$43,510.00	-12.98%	
05	0502	2	2050220	ANIMAL - Communication Expenses	\$800.00	\$0.00	\$800.00	\$335.00	\$0.00	-100.00%	
05	0502	2	2050285	ANIMAL - Legal Expenses	\$500.00	\$0.00	\$500.00	\$210.00	\$531.99	153.33%	
05	0502	2	2050286	ANIMAL - Expensed Minor Asset Purchases	\$1,300.00	\$0.00	\$1,300.00	\$540.00	\$0.00	-100.00%	
05	0502	2	2050287	ANIMAL - Other Expenditure	\$2,400.00	\$0.00	\$2,400.00	\$1,000.00	\$1,440.09	44.01%	
05	0502	2	2050288	ANIMAL - Animal Pound Operations	\$1,000.00	\$500.00	\$1,500.00	\$625.00	\$863.25	38.12%	
05	0502	2	2050289	ANIMAL - Animal Pound Maintenance	\$1,000.00	-\$400.00	\$600.00	\$250.00	\$283.41	13.36%	
05	0502	2	2050292	ANIMAL - Depreciation	\$3,100.00	\$0.00	\$3,100.00	\$1,290.00	\$1,287.32	-0.21%	
05	0502	2	2050299	ANIMAL - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%	
<b>Operating Expenditure Total</b>					<b>\$235,400.00</b>	<b>\$100.00</b>	<b>\$235,500.00</b>	<b>\$98,125.00</b>	<b>\$87,891.98</b>		
05	0502	3	3050220	ANIMAL - Pound Fees	-\$1,500.00	\$0.00	-\$1,500.00	-\$625.00	-\$1,125.46	80.07%	
05	0502	3	3050221	ANIMAL - Animal Registration Fees	-\$6,500.00	\$0.00	-\$6,500.00	-\$2,710.00	-\$3,791.25	39.90%	
05	0502	3	3050234	ANIMAL - Other Fees & Charges	-\$200.00	\$0.00	-\$200.00	-\$85.00	-\$50.91	-40.11%	
05	0502	3	3050240	ANIMAL - Fines and Penalties	-\$500.00	-\$400.00	-\$900.00	-\$375.00	-\$860.00	129.33%	
<b>Operating Income Total</b>					<b>-\$8,700.00</b>	<b>-\$400.00</b>	<b>-\$9,100.00</b>	<b>-\$3,795.00</b>	<b>-\$5,827.62</b>		
<b>Animal Control Total</b>					<b>\$226,700.00</b>	<b>-\$300.00</b>	<b>\$226,400.00</b>	<b>\$94,330.00</b>	<b>\$82,064.36</b>		
05	0503	2	2050300	OLOPS - Employee Costs	\$51,400.00	\$0.00	\$51,400.00	\$21,415.00	\$20,064.33	-6.31%	
05	0503	2	2050311	OLOPS - CCTV Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$0.00	-100.00%	
05	0503	2	2050330	OLOPS - Insurance Expenses	\$1,100.00	\$0.00	\$1,100.00	\$1,100.00	\$0.00	-100.00%	
05	0503	2	2050352	OLOPS - Consultants	\$5,000.00	\$0.00	\$5,000.00	\$4,165.00	\$0.00	-100.00%	
05	0503	2	2050392	OLOPS - Depreciation	\$5,400.00	\$0.00	\$5,400.00	\$2,250.00	\$2,235.64	-0.64%	
05	0503	2	2050399	OLOPS - Administration Allocated	\$51,900.00	\$0.00	\$51,900.00	\$21,625.00	\$19,962.96	-7.69%	
<b>Operating Expenditure Total</b>					<b>\$119,800.00</b>	<b>\$0.00</b>	<b>\$119,800.00</b>	<b>\$52,640.00</b>	<b>\$42,262.93</b>		
05	0503	3	3050310	OLOPS - Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
<b>Operating Income Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		
<b>Other Law, Order &amp; Public Safety Total</b>					<b>\$119,800.00</b>	<b>\$0.00</b>	<b>\$119,800.00</b>	<b>\$52,640.00</b>	<b>\$42,262.93</b>		
05	0505	2	2050507	ESL BFB - Clothing & Accessories	\$8,000.00	\$6,000.00	\$14,000.00	\$5,835.00	\$12,480.47	113.89%	

05	0505	2	2050530	ESL BFB - Insurance Expenses	\$22,000.00	\$2,000.00	\$24,000.00	\$10,000.00	\$17,980.09	79.80%
05	0505	2	2050565	ESL BFB - Maintenance Plant & Equipment	\$7,000.00	-\$3,500.00	\$3,500.00	\$1,460.00	\$2,051.37	40.50%
05	0505	2	2050566	ESL BFB - Maintenance Vehicles/Trailers/Boats	\$20,000.00	\$0.00	\$20,000.00	\$8,335.00	\$16,466.80	97.56%
05	0505	2	2050569	ESL BFB - Plant & Equipment \$1,200 to \$5,000 per item	\$4,200.00	\$400.00	\$4,600.00	\$1,915.00	\$4,590.00	139.69%
05	0505	2	2050586	ESL BFB - Plant & Equipment < \$1,200 per item	\$3,000.00	\$4,900.00	\$7,900.00	\$3,290.00	\$5,591.96	69.97%
05	0505	2	2050587	ESL BFB - Other Goods and Services	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$353.38	-57.68%
05	0505	2	2050588	ESL BFB - Utilities, Rates & Taxes	\$2,500.00	\$0.00	\$2,500.00	\$1,040.00	\$1,283.92	23.45%
05	0505	2	2050589	ESL BFB - Maintenance Land & Buildings	\$500.00	\$500.00	\$1,000.00	\$0.00	\$862.52	
<b>Operating Expenditure Total</b>					<b>\$69,200.00</b>	<b>\$10,300.00</b>	<b>\$79,500.00</b>	<b>\$32,710.00</b>	<b>\$61,660.51</b>	
05	0505	3	3050502	ESL BFB - Admin Fee/Commissions	-\$4,000.00	\$0.00	-\$4,000.00	-\$4,000.00	-\$4,000.00	0.00%
05	0505	3	3050510	ESL BFB - Operating Grant	-\$69,200.00	\$1,840.00	-\$67,360.00	-\$28,065.00	-\$30,879.00	10.03%
<b>Operating Income Total</b>					<b>-\$73,200.00</b>	<b>\$1,840.00</b>	<b>-\$71,360.00</b>	<b>-\$32,065.00</b>	<b>-\$34,879.00</b>	
<b>Emergency Services Levy - Bush Fire Brigade Total</b>					<b>-\$4,000.00</b>	<b>\$12,140.00</b>	<b>\$8,140.00</b>	<b>\$645.00</b>	<b>\$26,781.51</b>	
05	0506	2	2050630	ESL SES - Insurances	\$1,000.00	\$0.00	\$1,000.00	\$1,000.00	\$0.00	-100.00%
05	0506	2	2050665	ESL SES - Maintenance Plant & Equipment	\$2,200.00	\$0.00	\$2,200.00	\$915.00	\$865.88	-5.37%
05	0506	2	2050666	ESL SES - Maintenance Vehicles/Trailers/Boats	\$4,000.00	\$0.00	\$4,000.00	\$1,665.00	\$1,302.36	-21.78%
05	0506	2	2050669	ESL SES - Plant & Equipment \$1,200 to \$5,000 per item	\$0.00	\$12,800.00	\$12,800.00	\$5,335.00	\$0.00	-100.00%
05	0506	2	2050686	ESL SES - Plant & Equipment < \$1,200 per item	\$1,100.00	\$0.00	\$1,100.00	\$460.00	\$0.00	-100.00%
05	0506	2	2050687	ESL SES - Other Goods and Services	\$1,200.00	\$0.00	\$1,200.00	\$500.00	\$139.60	-72.08%
05	0506	2	2050688	ESL SES - Utilities, Rates & Taxes	\$4,500.00	\$0.00	\$4,500.00	\$1,875.00	\$1,676.46	-10.59%
05	0506	2	2050689	ESL SES - Maintenance Land & Buildings	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Expenditure Total</b>					<b>\$14,000.00</b>	<b>\$12,800.00</b>	<b>\$26,800.00</b>	<b>\$11,750.00</b>	<b>\$3,984.30</b>	
05	0506	3	3050610	ESL SES - Operating Grant	-\$14,000.00	-\$12,800.00	-\$26,800.00	-\$11,165.00	-\$13,400.50	20.02%
<b>Operating Income Total</b>					<b>-\$14,000.00</b>	<b>-\$12,800.00</b>	<b>-\$26,800.00</b>	<b>-\$11,165.00</b>	<b>-\$13,400.50</b>	
<b>Emergency Services Levy - State Emergency Service Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$585.00</b>	<b>-\$9,416.20</b>	
<b>Law, Order &amp; Public Safety Total</b>					<b>\$471,400.00</b>	<b>\$12,340.00</b>	<b>\$483,740.00</b>	<b>\$202,115.00</b>	<b>\$193,777.08</b>	
07	0704	2	2070400	HEALTH - Employee Costs	\$144,300.00	\$0.00	\$144,300.00	\$61,350.00	\$59,198.99	-3.51%
07	0704	2	2070410	HEALTH - Motor Vehicle Expenses	\$11,000.00	\$0.00	\$11,000.00	\$4,585.00	\$4,123.69	-10.06%
07	0704	2	2070412	HEALTH - Analytical Expenses	\$1,500.00	\$0.00	\$1,500.00	\$627.00	\$943.40	50.46%
07	0704	2	2070413	HEALTH - Control Expenses	\$4,000.00	\$1,000.00	\$5,000.00	\$2,085.00	\$3,522.75	68.96%
07	0704	2	2070485	HEALTH - Legal Expenses	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
07	0704	2	2070487	HEALTH - Other Expenses	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
07	0704	2	2070492	HEALTH - Depreciation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
07	0704	2	2070499	HEALTH - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%
<b>Operating Expenditure Total</b>					<b>\$266,500.00</b>	<b>\$1,000.00</b>	<b>\$267,500.00</b>	<b>\$112,687.00</b>	<b>\$107,714.75</b>	
07	0704	3	3070420	HEALTH - Health Regulatory Fees & Charges	-\$1,500.00	-\$150.00	-\$1,650.00	-\$1,270.00	-\$1,658.21	30.57%
07	0704	3	3070421	HEALTH - Health Regulatory Licenses	-\$9,500.00	\$0.00	-\$9,500.00	-\$3,960.00	-\$9,459.00	138.86%
<b>Operating Income Total</b>					<b>-\$11,000.00</b>	<b>-\$150.00</b>	<b>-\$11,150.00</b>	<b>-\$5,230.00</b>	<b>-\$11,117.21</b>	
<b>Preventative Services - Inspection/Admin Total</b>					<b>\$255,500.00</b>	<b>\$850.00</b>	<b>\$256,350.00</b>	<b>\$107,457.00</b>	<b>\$96,597.54</b>	
07	0705	2	2070553	PEST - Pest Control Programs	\$30,000.00	\$0.00	\$30,000.00	\$12,419.00	\$2,195.11	-82.32%
<b>Operating Expenditure Total</b>					<b>\$30,000.00</b>	<b>\$0.00</b>	<b>\$30,000.00</b>	<b>\$12,419.00</b>	<b>\$2,195.11</b>	
<b>Preventative Services - Pest Control Total</b>					<b>\$30,000.00</b>	<b>\$0.00</b>	<b>\$30,000.00</b>	<b>\$12,419.00</b>	<b>\$2,195.11</b>	

07	0706	2	2070687	PREV OTH - Other Expense	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
<b>Operating Expenditure Total</b>					<b>\$1,000.00</b>	<b>\$0.00</b>	<b>\$1,000.00</b>	<b>\$415.00</b>	<b>\$0.00</b>	
<b>Preventative Services - Other Total</b>					<b>\$1,000.00</b>	<b>\$0.00</b>	<b>\$1,000.00</b>	<b>\$415.00</b>	<b>\$0.00</b>	
<b>Health Total</b>					<b>\$286,500.00</b>	<b>\$850.00</b>	<b>\$287,350.00</b>	<b>\$120,291.00</b>	<b>\$98,792.65</b>	
08	0802	2	2080253	OTHER ED - Scholarships and Awards						
08	0802	2	2080253 W0120	Eric Hind Scholarship	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
08	0802	2	2080253 W0121	Art Aquisition Award	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$1,000.00	140.96%
08	0802	2	2080287	OTHER ED - Other Expenses						
08	0802	2	2080287 W0263	REED	\$6,000.00	\$0.00	\$6,000.00	\$6,000.00	\$6,000.00	0.00%
08	0802	2	2080287 W0264	Merredin Chaplain (Merredin College)	\$3,000.00	\$0.00	\$3,000.00	\$3,000.00	\$0.00	-100.00%
08	0802	2	2080287 W0265	Lutheran Church	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08	0802	2	2080290	OTHER ED - Donations to Community Groups	\$40,000.00	\$0.00	\$40,000.00	\$16,955.00	\$5,230.00	-69.15%
08	0802	2	2080291	OTHER ED - Loss on Disposal of Assets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08	0802	2	2080292	OTHER ED - Depreciation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Expenditure Total</b>					<b>\$51,000.00</b>	<b>\$0.00</b>	<b>\$51,000.00</b>	<b>\$26,785.00</b>	<b>\$12,230.00</b>	
08	0802	4	4080210	OTHER ED - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Other Education Total</b>					<b>\$51,000.00</b>	<b>\$0.00</b>	<b>\$51,000.00</b>	<b>\$26,785.00</b>	<b>\$12,230.00</b>	
08	0804	2	2080470	SENIORS - Loan Interest Repayments					\$9,738.31	
08	0804	2	2080470 LI215	Interest Loan 215	\$11,800.00	\$0.00	\$11,800.00	\$0.00	\$0.00	
08	0804	2	2080470 LI217	Interest Loan 217	\$9,200.00	\$0.00	\$9,200.00	\$3,835.00	\$0.00	-100.00%
08	0804	2	2080492	SENIORS - Depreciation	\$35,900.00	\$0.00	\$35,900.00	\$14,960.00	\$13,796.83	-7.78%
<b>Operating Expenditure Total</b>					<b>\$56,900.00</b>	<b>\$0.00</b>	<b>\$56,900.00</b>	<b>\$18,795.00</b>	<b>\$23,535.14</b>	
08	0804	3	3080401	SENIORS - Reimbursements	-\$10,800.00	\$0.00	-\$10,800.00	-\$4,500.00	-\$5,600.89	24.46%
<b>Operating Income Total</b>					<b>-\$10,800.00</b>	<b>\$0.00</b>	<b>-\$10,800.00</b>	<b>-\$4,500.00</b>	<b>-\$5,600.89</b>	
08	0804	4	4080482	SENIORS - Loan Principal Repayments					\$49,261.42	
08	0804	4	4080482 LP215	Principal Loan 215	\$36,800.00	\$0.00	\$36,800.00	\$0.00	\$0.00	
08	0804	4	4080482 LP217	Principal Loan 217	\$62,300.00	\$0.00	\$62,300.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>					<b>\$99,100.00</b>	<b>\$0.00</b>	<b>\$99,100.00</b>	<b>\$0.00</b>	<b>\$49,261.42</b>	
08	0804	5	5080458	SENIORS - Self Supporting Loan Principal Received	-\$36,800.00	\$0.00	-\$36,800.00	-\$36,800.00	-\$18,192.48	-50.56%
<b>Capital Income Total</b>					<b>-\$36,800.00</b>	<b>\$0.00</b>	<b>-\$36,800.00</b>	<b>-\$36,800.00</b>	<b>-\$18,192.48</b>	
<b>Aged &amp; Disabled - Senior Citizens Centres Total</b>					<b>\$108,400.00</b>	<b>\$0.00</b>	<b>\$108,400.00</b>	<b>-\$22,505.00</b>	<b>\$49,003.19</b>	
08	0807	2	2080712	WELFARE - Youth Events and Programs						
08	0807	2	2080712 W0140	Merredin Youth Activities	\$1,800.00	\$0.00	\$1,800.00	\$750.00	\$0.00	-100.00%
08	0807	2	2080712 W0147	Naidoc Week	\$3,000.00	-\$1,000.00	\$2,000.00	\$2,000.00	\$0.00	-100.00%
08	0807	2	2080712 W0147A	Naidoc Week - Grant Funded	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$963.64	-3.64%
08	0807	2	2080714	WELFARE - Community Services						
08	0807	2	2080714 CD101	Community Development Events	\$700.00	\$0.00	\$700.00	\$295.00	\$0.00	-100.00%
08	0807	2	2080714 CD103	Anzac Day	\$1,400.00	\$0.00	\$1,400.00	\$0.00	\$0.00	
08	0807	2	2080714 CD103A	Anzac Day - Grant Funded	\$2,500.00	\$0.00	\$2,500.00	\$1,040.00	\$0.00	-100.00%
08	0807	2	2080714 CD104	Australia Day	\$800.00	\$0.00	\$800.00	\$0.00	\$0.00	
08	0807	2	2080714 CD104A	Australia Day - Grant Funded	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$4,355.86	

08	0807	2	2080714	CD106	Christmas / Gala Night	\$22,000.00	\$0.00	\$22,000.00	\$9,165.00	\$8,674.95	-5.35%
08	0807	2	2080714	CD106A	Christmas / Gala Night - Grant Funded	\$5,000.00	-\$2,500.00	\$2,500.00	\$1,040.00	\$0.00	-100.00%
08	0807	2	2080714	CD109	Cd Equipment Replacement	\$2,000.00	\$0.00	\$2,000.00	\$666.00	\$24.09	-96.38%
08	0807	2	2080714	CD116	International Food Festival	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$0.00	-100.00%
08	0807	2	2080714	CD116A	International Food Festival - Grant Funded	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$0.00	-100.00%
08	0807	2	2080714	CD123	Early Years Program	\$500.00	\$0.00	\$500.00	\$500.00	\$43.39	-91.32%
08	0807	2	2080714	CD126	Remembrance Day & Long Tan Day	\$1,500.00	\$0.00	\$1,500.00	\$1,500.00	\$200.00	-86.67%
08	0807	2	2080714	CD136	Merredin Show	\$2,500.00	\$0.00	\$2,500.00	\$0.00	\$0.00	
<b>Operating Expenditure Total</b>						<b>\$57,700.00</b>	<b>-\$2,500.00</b>	<b>\$55,200.00</b>	<b>\$19,626.00</b>	<b>\$14,261.93</b>	
08	0807	3	3080710		WELFARE - Youth Grants						
08	0807	3	3080710	CY1147	Naidoc Week	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08	0807	3	3080711		WELFARE - Community Development Grants						
08	0807	3	3080711	CDI103	Anzac Day - Grant Funding	-\$2,500.00	\$0.00	-\$2,500.00	-\$1,045.00	\$0.00	-100.00%
08	0807	3	3080711	CDI104	Australia Day - Grant Funding	-\$10,000.00	\$0.00	-\$10,000.00	-\$4,165.00	-\$8,000.00	92.08%
08	0807	3	3080711	CDI106	Christmas / Gala Night - Grant Funding	-\$5,000.00	\$2,500.00	-\$2,500.00	-\$1,045.00	-\$2,500.00	139.23%
08	0807	3	3080711	CDI116	International Food Festival - Grant Funding	-\$2,000.00	\$0.00	-\$2,000.00	-\$835.00	\$0.00	-100.00%
<b>Operating Income Total</b>						<b>-\$19,500.00</b>	<b>\$2,500.00</b>	<b>-\$17,000.00</b>	<b>-\$7,090.00</b>	<b>-\$10,500.00</b>	
<b>Other Welfare Total</b>						<b>\$38,200.00</b>	<b>\$0.00</b>	<b>\$38,200.00</b>	<b>\$12,536.00</b>	<b>\$3,761.93</b>	
<b>Education &amp; Welfare Total</b>						<b>\$197,600.00</b>	<b>\$0.00</b>	<b>\$197,600.00</b>	<b>\$16,816.00</b>	<b>\$64,995.12</b>	
09	0902	2	2090288		OTH HOUSE - Building Operations						
09	0902	2	2090288	BO030	House 16 Dobson Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,125.00	\$2,644.69	24.46%
09	0902	2	2090288	BO031	House 5 Dobson Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,530.00	\$2,251.28	-11.02%
09	0902	2	2090288	BO032	House 9 Cummings Crescent - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,470.00	\$2,277.44	-7.80%
09	0902	2	2090288	BO033	House 13 Cummings Crescent - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,530.00	\$2,294.69	-9.30%
09	0902	2	2090288	BO034	House 17 Cummings Crescent - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,120.00	\$1,299.34	-38.71%
09	0902	2	2090288	BO035	House 4 Cohn Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,120.00	\$1,675.29	-20.98%
09	0902	2	2090288	BO036	House 10 Cohn Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,120.00	\$1,282.22	-39.52%
09	0902	2	2090288	BO037	House 69A Coronation Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,125.00	\$1,037.45	-51.18%
09	0902	2	2090288	BO038	House 69B Coronation Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,125.00	\$1,085.02	-48.94%
09	0902	2	2090288	BO039	House 15A Carrington Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,125.00	\$1,226.75	-42.27%
09	0902	2	2090288	BO040	House 15B Carrington Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,125.00	\$1,932.67	-9.05%
09	0902	2	2090288	BO041	House 7 King Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,120.00	\$1,995.90	-5.85%
09	0902	2	2090288	BO042	House 44 Jackson Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,120.00	\$1,018.48	-51.96%
09	0902	2	2090288	BO043	House 51 French Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,120.00	\$1,213.39	-42.76%
09	0902	2	2090288	BO044	House 56 Kitchener Road - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,125.00	\$1,586.74	-25.33%
09	0902	2	2090288	BO050	Cummings Unit # 1 - Building Operations	\$3,400.00	\$0.00	\$3,400.00	\$2,230.00	\$525.65	-76.43%
09	0902	2	2090288	BO051	Cummings Unit # 2 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$525.65	-36.67%
09	0902	2	2090288	BO052	Cummings Unit # 3 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$525.65	-36.67%
09	0902	2	2090288	BO053	Cummings Unit # 4 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$525.65	-36.67%
09	0902	2	2090288	BO054	Cummings Unit # 5 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$525.65	-36.67%
09	0902	2	2090288	BO055	Cummings Units Common Area - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$1,069.47	28.85%
09	0902	2	2090288	BO056	Other Housing Expenses	\$0.00	\$0.00	\$0.00	\$0.00	\$757.43	

09	0902	2	2090289	OTH HOUSE - Building Maintenance							
09	0902	2	2090289	BM030 House 16 Dobson Way - Building Maintenance	\$4,000.00	\$0.00	\$4,000.00	\$1,670.00	\$1,003.60	-39.90%	
09	0902	2	2090289	BM031 House 5 Dobson Way - Building Maintenance	\$2,500.00	\$0.00	\$2,500.00	\$1,045.00	\$354.29	-66.10%	
09	0902	2	2090289	BM032 House 9 Cummings Crescent - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$592.03	-71.61%	
09	0902	2	2090289	BM033 House 13 Cummings Crescent - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$537.50	-74.22%	
09	0902	2	2090289	BM034 House 17 Cummings Crescent - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$0.00	-100.00%	
09	0902	2	2090289	BM035 House 4 Cohn Street - Building Maintenance	\$6,000.00	\$2,000.00	\$8,000.00	\$3,330.00	\$181.50	-94.55%	
09	0902	2	2090289	BM036 House 10 Cohn Street - Building Maintenance	\$6,800.00	-\$3,800.00	\$3,000.00	\$1,250.00	\$0.00	-100.00%	
09	0902	2	2090289	BM037 House 69A Coronation Street - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$204.65	-90.18%	
09	0902	2	2090289	BM038 House 69B Coronation Street - Building Maintenance	\$3,000.00	\$0.00	\$3,000.00	\$1,250.00	\$0.00	-100.00%	
09	0902	2	2090289	BM039 House 15A Carrington Way - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$595.27	-28.71%	
09	0902	2	2090289	BM040 House 15B Carrington Way - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$0.00	-100.00%	
09	0902	2	2090289	BM041 House 7 King Street - Building Maintenance	\$2,800.00	\$0.00	\$2,800.00	\$1,165.00	\$2,868.97	146.26%	
09	0902	2	2090289	BM042 House 44 Jackson Way - Building Maintenance	\$12,000.00	-\$6,000.00	\$6,000.00	\$2,500.00	\$0.00	-100.00%	
09	0902	2	2090289	BM043 House 51 French Street - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,080.00	\$0.00	-100.00%	
09	0902	2	2090289	BM044 House 56 Kitchener Road - Building Maintenance	\$6,000.00	\$0.00	\$6,000.00	\$2,500.00	\$1,937.02	-22.52%	
09	0902	2	2090289	W0245 Housing Maintenance	\$7,700.00	\$0.00	\$7,700.00	\$3,210.00	\$0.00	-100.00%	
09	0902	2	2090292	OTH HOUSE - Depreciation	\$165,800.00	\$0.00	\$165,800.00	\$69,085.00	\$70,040.93	1.38%	
09	0902	2	2090299	OTH HOUSE - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%	
<b>Operating Expenditure Total</b>					<b>\$439,200.00</b>	<b>-\$7,800.00</b>	<b>\$431,400.00</b>	<b>\$181,685.00</b>	<b>\$147,518.18</b>		
09	0902	3	3090201	OTH HOUSE - Shire Housing Rental Reimbursements	-\$30,000.00	\$2,000.00	-\$28,000.00	-\$11,665.00	-\$21,290.84	82.52%	
09	0902	3	3090235	OTH HOUSE - Other Income	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
<b>Operating Income Total</b>					<b>-\$30,000.00</b>	<b>\$2,000.00</b>	<b>-\$28,000.00</b>	<b>-\$11,665.00</b>	<b>-\$21,290.84</b>		
09	0902	4	4090210	OTH HOUSE - Building (Capital)							
09	0902	4	4090210	BC030 House 16 Dobson Way - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
09	0902	4	4090210	BC032 House 9 Cummings Crescent - Building (Capital)	\$12,300.00	\$0.00	\$12,300.00	\$12,300.00	\$9,590.00	-22.03%	
09	0902	4	4090210	BC033 House 13 Cummings Crescent - Building (Capital)	\$0.00	\$17,000.00	\$17,000.00	\$17,000.00	\$0.00	-100.00%	
09	0902	4	4090210	BC036 House 10 Cohn Street - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
09	0902	4	4090210	BC035 House 4 Cohn Street - Building (Capital)	\$4,500.00	\$0.00	\$4,500.00	\$0.00	\$3,766.00		
09	0902	4	4090210	BC048 Future Housing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
09	0902	4	4090211	BC048 OTH HOUSING - Land (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
<b>Capital Expenditure Total</b>					<b>\$16,800.00</b>	<b>\$17,000.00</b>	<b>\$33,800.00</b>	<b>\$29,300.00</b>	<b>\$13,356.00</b>		
<b>Other Housing Total</b>					<b>\$426,000.00</b>	<b>\$11,200.00</b>	<b>\$437,200.00</b>	<b>\$199,320.00</b>	<b>\$139,583.34</b>		
09	0903	2	2090389	COM HOUSE - Building Maintenance							
09	0903	2	2090389	BM050 Cummings Unit # 1 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$0.00	-100.00%	
09	0903	2	2090389	BM051 Cummings Unit # 2 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$459.73	-44.61%	
09	0903	2	2090389	BM052 Cummings Unit # 3 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$810.65	-2.33%	
09	0903	2	2090389	BM053 Cummings Unit # 4 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$0.00	-100.00%	
09	0903	2	2090389	BM054 Cummings Unit # 5 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$0.00	-100.00%	
09	0903	2	2090389	BM055 Cummings Units Common Area - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$1,466.35	76.67%	
<b>Operating Expenditure Total</b>					<b>\$12,000.00</b>	<b>\$0.00</b>	<b>\$12,000.00</b>	<b>\$4,980.00</b>	<b>\$2,736.73</b>		
09	0903	3	3090301	COM HOUSE - Cummings Rental Reimbursements	-\$15,000.00	-\$2,000.00	-\$17,000.00	-\$7,085.00	-\$17,575.70	148.07%	

<b>Operating Income Total</b>				<b>-\$15,000.00</b>	<b>-\$2,000.00</b>	<b>-\$17,000.00</b>	<b>-\$7,085.00</b>	<b>-\$17,575.70</b>	
<b>Community Housing Total</b>				<b>-\$3,000.00</b>	<b>-\$2,000.00</b>	<b>-\$5,000.00</b>	<b>-\$2,105.00</b>	<b>-\$14,838.97</b>	
<b>Housing Total</b>				<b>\$423,000.00</b>	<b>\$9,200.00</b>	<b>\$432,200.00</b>	<b>\$197,215.00</b>	<b>\$124,744.37</b>	
10	1001 2	2100111	SAN - Waste Collection	\$391,600.00	\$0.00	\$391,600.00	\$163,165.00	\$138,777.72	-14.95%
10	1001 2	2100113	SAN - Waste Recycling	\$110,500.00	\$5,000.00	\$115,500.00	\$48,125.00	\$39,525.66	-17.87%
10	1001 2	2100117	SAN - General Tip Maintenance						
10	1001 2	2100117	W0075 Merredin Landfill Site	\$405,900.00	\$60,000.00	\$465,900.00	\$194,120.00	\$180,831.51	-6.85%
10	1001 2	2100117	W0076 Muntagin Landfill Site	\$3,000.00	\$0.00	\$3,000.00	\$3,000.00	\$0.00	-100.00%
10	1001 2	2100187	SAN - Other Expenses	\$63,200.00	\$0.00	\$63,200.00	\$0.00	\$0.00	
10	1001 2	2100188	SAN - Building Operations	\$2,600.00	\$0.00	\$2,600.00	\$1,085.00	\$90.00	-91.71%
10	1001 2	2100192	SAN - Depreciation	\$1,800.00	\$0.00	\$1,800.00	\$750.00	\$16,973.16	2163.09%
10	1001 2	2100199	SAN - Administration Allocated	\$155,600.00	\$0.00	\$155,600.00	\$64,835.00	\$59,888.90	-7.63%
<b>Operating Expenditure Total</b>				<b>\$1,134,200.00</b>	<b>\$65,000.00</b>	<b>\$1,199,200.00</b>	<b>\$475,080.00</b>	<b>\$436,086.95</b>	
10	1001 3	3100100	SAN - Contributions & Donations	-\$97,800.00	\$0.00	-\$97,800.00	-\$40,750.00	-\$97,538.00	139.36%
10	1001 3	3100110	SAN - Grants	-\$75,700.00	\$0.00	-\$75,700.00	-\$31,540.00	-\$75,680.00	139.95%
10	1001 3	3100120	SAN - Domestic Refuse Collection Charges	-\$341,000.00	-\$10,700.00	-\$351,700.00	-\$351,700.00	-\$351,723.50	0.01%
10	1001 3	3100125	SAN - Domestic Recycling Service	-\$110,100.00	-\$9,900.00	-\$120,000.00	-\$120,000.00	-\$121,272.40	1.06%
10	1001 3	3100135	SAN - Other Income	-\$85,000.00	\$35,000.00	-\$50,000.00	-\$20,835.00	-\$24,873.60	19.38%
<b>Operating Income Total</b>				<b>-\$709,600.00</b>	<b>\$14,400.00</b>	<b>-\$695,200.00</b>	<b>-\$564,825.00</b>	<b>-\$671,087.50</b>	
10	1001 4	4100110	SAN - Building (Capital)						
10	1001 4	4100110	LC041 Merredin Landfill - Tip Shop	\$15,000.00	\$0.00	\$15,000.00	\$5,000.00	\$2,138.29	-57.23%
10	1001 4	4100180	LC002 E-Waste Recycling & Re-Use Facility	\$105,000.00	\$0.00	\$105,000.00	\$43,750.00	\$29,900.00	-31.66%
<b>Capital Expenditure Total</b>				<b>\$120,000.00</b>	<b>\$0.00</b>	<b>\$120,000.00</b>	<b>\$48,750.00</b>	<b>\$32,038.29</b>	<b>-\$0.89</b>
<b>Sanitation - General Total</b>				<b>\$439,600.00</b>	<b>\$79,400.00</b>	<b>\$519,000.00</b>	<b>-\$84,745.00</b>	<b>-\$232,862.26</b>	
10	1004 2	2100411	STORM - Stormwater Drainage Maintenance	\$68,600.00	\$0.00	\$68,600.00	\$28,580.00	\$2,366.39	-91.72%
<b>Operating Expenditure Total</b>				<b>\$68,600.00</b>	<b>\$0.00</b>	<b>\$68,600.00</b>	<b>\$28,580.00</b>	<b>\$2,366.39</b>	
<b>Urban Stormwater Drainage Total</b>				<b>\$68,600.00</b>	<b>\$0.00</b>	<b>\$68,600.00</b>	<b>\$28,580.00</b>	<b>\$2,366.39</b>	
10	1005 2	2100550	ENVIRON - Contract Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	1005 2	2100587	ENVIRON - Other Expenses						
10	1005 2	2100587	W0101 Ep General	\$6,000.00	\$0.00	\$6,000.00	\$2,495.00	\$134.73	-94.60%
10	1005 2	2100587	W0109 Ep Promoting Electric Vehicles Viability	\$0.00	\$400.00	\$400.00	\$400.00	\$100.00	-75.00%
10	1005 2	2100587	W0115 Ep Skeleton Weed	\$1,700.00	\$0.00	\$1,700.00	\$710.00	\$0.00	-100.00%
10	1005 2	2100599	ENVIRON - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$32,415.00	\$29,944.45	-7.62%
<b>Operating Expenditure Total</b>				<b>\$85,500.00</b>	<b>\$400.00</b>	<b>\$85,900.00</b>	<b>\$36,020.00</b>	<b>\$30,179.18</b>	
<b>Protection Of The Environment Total</b>				<b>\$85,500.00</b>	<b>\$400.00</b>	<b>\$85,900.00</b>	<b>\$36,020.00</b>	<b>\$30,179.18</b>	
10	1006 2	2100600	PLAN - Employee Costs	\$31,900.00	\$0.00	\$31,900.00	\$13,585.00	\$14,059.31	3.49%
10	1006 2	2100610	PLAN - Motor Vehicle Expenses	\$3,300.00	\$0.00	\$3,300.00	\$1,375.00	\$845.29	-38.52%
10	1006 2	2100652	PLAN - Consultants	\$30,000.00	\$0.00	\$30,000.00	\$12,500.00	\$8,910.00	-28.72%
10	1006 2	2100687	PLAN - Other Expenses	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$0.00	-100.00%
10	1006 2	2100699	PLAN - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%
<b>Operating Expenditure Total</b>				<b>\$173,900.00</b>	<b>\$0.00</b>	<b>\$173,900.00</b>	<b>\$72,755.00</b>	<b>\$63,740.52</b>	
10	1006 3	3100620	PLAN - Planning Application Fees	-\$10,000.00	\$0.00	-\$10,000.00	-\$4,165.00	-\$25,841.31	520.44%

10	1006	3	3100635	PLAN - Other Income	\$0.00	\$0.00	\$0.00	\$0.00	-\$272.73	
<b>Operating Income Total</b>					<b>-\$10,000.00</b>	<b>\$0.00</b>	<b>-\$10,000.00</b>	<b>-\$4,165.00</b>	<b>-\$26,114.04</b>	
<b>Town Planning &amp; Regional Development Total</b>					<b>\$163,900.00</b>	<b>\$0.00</b>	<b>\$163,900.00</b>	<b>\$68,590.00</b>	<b>\$37,626.48</b>	
10	1007	2	2100711	COM AMEN - Cemetery Burials	\$17,800.00	\$0.00	\$17,800.00	\$7,420.00	\$5,650.73	-23.84%
10	1007	2	2100788	COM AMEN - Public Conveniences Operations						
10	1007	2	2100788	BO060 Public Cons Barrack Street - Building Operations	\$20,000.00	\$0.00	\$20,000.00	\$8,330.00	\$10,963.16	31.61%
10	1007	2	2100788	BO061 Public Cons Apex Park - Building Operations	\$16,000.00	\$0.00	\$16,000.00	\$6,785.00	\$9,516.02	40.25%
10	1007	2	2100789	COM AMEN - Public Conveniences Maintenance						
10	1007	2	2100789	BM060 Public Cons Barrack Street - Building Maintenance	\$11,000.00	\$0.00	\$11,000.00	\$4,580.00	\$3,248.52	-29.07%
10	1007	2	2100789	BM061 Public Cons Apex Park - Building Maintenance	\$6,000.00	\$0.00	\$6,000.00	\$2,500.00	\$415.55	-83.38%
10	1007	2	2100792	COM AMEN - Depreciation	\$119,300.00	\$0.00	\$119,300.00	\$49,710.00	\$11,444.05	-76.98%
10	1007	2	2100799	COM AMEN - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$32,415.00	\$29,944.45	-7.62%
<b>Operating Expenditure Total</b>					<b>\$267,900.00</b>	<b>\$0.00</b>	<b>\$267,900.00</b>	<b>\$111,740.00</b>	<b>\$71,182.48</b>	
10	1007	3	3100720	COM AMEN - Cemetery Fees (Burial)	-\$20,600.00	\$8,600.00	-\$12,000.00	-\$5,000.00	-\$4,800.43	-3.99%
10	1007	3	3100721	COM AMEN - Cemetery Fees (Niche Wall & Rose Garden)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	1007	3	3100722	COM AMEN - Cemetery Fees (Monuments)	-\$100.00	-\$300.00	-\$400.00	-\$165.00	-\$417.00	152.73%
<b>Operating Income Total</b>					<b>-\$20,700.00</b>	<b>\$8,300.00</b>	<b>-\$12,400.00</b>	<b>-\$5,165.00</b>	<b>-\$5,217.43</b>	
10	1007	4	4100770	COM AMEN - Infrastructure Parks & Ovals (Capital)						
10	1007	4	4100770	CC001 Merredin Cemetery Fencing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Other Community Amenities Total</b>					<b>\$247,200.00</b>	<b>\$8,300.00</b>	<b>\$255,500.00</b>	<b>\$106,575.00</b>	<b>\$65,965.05</b>	
<b>Community Amenities Total</b>					<b>\$1,109,800.00</b>	<b>\$88,100.00</b>	<b>\$1,197,900.00</b>	<b>\$198,770.00</b>	<b>-\$66,825.16</b>	
11	1101	2	2110187	HALLS - Other Expenses						
11	1101	2	2110187	W0100 Art Collection Mtce	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00	
11	1101	2	2110188	HALLS - Town Halls and Public Bldg Operations						
11	1101	2	2110188	BO005 Old Administration Building - Building Operations	\$13,200.00	\$0.00	\$13,200.00	\$5,500.00	\$3,227.52	-41.32%
11	1101	2	2110188	BO006 Womens Rest Centre - Building Operations	\$1,200.00	\$0.00	\$1,200.00	\$500.00	\$809.64	61.93%
11	1101	2	2110188	BO007 Old Town Hall - Building Operations	\$2,500.00	\$100.00	\$2,600.00	\$1,085.00	\$2,130.71	96.38%
11	1101	2	2110188	BO008 Army Cadets Building - Building Operations	\$1,000.00	\$0.00	\$1,000.00	\$337.00	\$325.66	-3.36%
11	1101	2	2110188	BO009 Senior Citizens Centres - Building Operations	\$2,800.00	\$0.00	\$2,800.00	\$1,064.00	\$2,258.43	112.26%
11	1101	2	2110188	BO011 One Night Shelter - Building Operations	\$200.00	\$400.00	\$600.00	\$600.00	\$424.50	-29.25%
11	1101	2	2110188	BO012 Fine Arts Society (Old Lib Building) - Building Operations	\$1,500.00	-\$100.00	\$1,400.00	\$585.00	\$1,355.67	131.74%
11	1101	2	2110188	BO013 Throssel Street (Playgroup) - Building Operations	\$700.00	\$0.00	\$700.00	\$290.00	\$197.07	-32.04%
11	1101	2	2110188	BO083 Nmpc Room 9 Community Room, (Old School Library) - Bu	\$2,000.00	\$0.00	\$2,000.00	\$1,250.00	\$0.00	-100.00%
11	1101	2	2110188	BO084 Nmpps Playgroup - Building Operations	\$700.00	\$150.00	\$850.00	\$850.00	\$650.00	-23.53%
11	1101	2	2110188	BO085 Lutheran Church	\$800.00	\$0.00	\$800.00	\$335.00	\$146.55	-56.25%
11	1101	2	2110189	HALLS - Town Halls and Public Bldg Maintenance						
11	1101	2	2110189	BM005 Old Administration Building - Building Maintenance	\$7,000.00	\$0.00	\$7,000.00	\$2,920.00	\$287.86	-90.14%
11	1101	2	2110189	BM006 Womens Rest Centre - Building Maintenance	\$5,400.00	\$0.00	\$5,400.00	\$2,250.00	\$147.86	-93.43%
11	1101	2	2110189	BM007 Old Town Hall - Building Maintenance	\$8,000.00	\$0.00	\$8,000.00	\$3,335.00	\$937.08	-71.90%
11	1101	2	2110189	BM008 Army Cadets Building - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$147.86	-82.29%
11	1101	2	2110189	BM009 Senior Citizens Centres - Building Maintenance	\$6,000.00	\$0.00	\$6,000.00	\$2,500.00	\$171.87	-93.13%

11	1101	2	2110189	BM010	Muntadgin Hall - Building Maintenance	\$10,000.00	\$0.00	\$10,000.00	\$4,170.00	\$147.86	-96.45%
11	1101	2	2110189	BM011	One Night Shelter - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$104.55	-74.81%
11	1101	2	2110189	BM012	Fine Arts Society (Old Lib Building) - Building Maintenance	\$4,000.00	\$1,000.00	\$5,000.00	\$2,080.00	\$4,420.54	112.53%
11	1101	2	2110189	BM015	Burracoppin Hall - Building Maintenance	\$4,000.00	\$0.00	\$4,000.00	\$1,665.00	\$147.86	-91.12%
11	1101	2	2110189	BM079	Nmps Redevelopment - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
11	1101	2	2110189	BM080	Nmpc Room 6 Archives - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
11	1101	2	2110189	BM081	Nmps Room 7 Meeting Room - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
11	1101	2	2110189	BM082	Nmps Room 8 Wildflower Society Room - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
11	1101	2	2110189	BM083	Nmps Room 9 Community Room, (Old School Library) - Bu	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
11	1101	2	2110189	BM084	Nmps Playgroup - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$647.56	56.04%
11	1101	2	2110189	BM085	Nmps Common Areas	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$147.86	-64.37%
11	1101	2	2110190		HALLS - Asbestos management Plan Implementation	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	
11	1101	2	2110192		HALLS - Depreciation	\$84,000.00	\$0.00	\$84,000.00	\$35,000.00	\$35,494.90	1.41%
11	1101	2	2110199		HALLS - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$32,415.00	\$29,944.45	-7.62%
<b>Operating Expenditure Total</b>						<b>\$249,300.00</b>	<b>\$1,550.00</b>	<b>\$250,850.00</b>	<b>\$102,886.00</b>	<b>\$84,273.86</b>	
11	1101	3	3110110		HALLS - Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1101	3	3110121		HALLS - Local Hall Hire	-\$3,500.00	\$0.00	-\$3,500.00	-\$1,460.00	-\$2,827.10	93.64%
11	1101	3	3110122		HALLS - Lease/Rental Income	-\$1,300.00	\$0.00	-\$1,300.00	-\$540.00	\$0.00	-100.00%
11	1101	3	3110135		HALLS - Other Income	-\$21,000.00	\$0.00	-\$21,000.00	-\$8,750.00	-\$10,614.67	21.31%
<b>Operating Income Total</b>						<b>-\$25,800.00</b>	<b>\$0.00</b>	<b>-\$25,800.00</b>	<b>-\$10,750.00</b>	<b>-\$13,441.77</b>	
11	1101	4	4110110		HALLS - Building (Capital)						
11	1101	4	4110110	BC005	Old Administration Building - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>						<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Public Halls And Civic Centres Total</b>						<b>\$223,500.00</b>	<b>\$1,550.00</b>	<b>\$225,050.00</b>	<b>\$92,136.00</b>	<b>\$70,832.09</b>	
11	1102	2	2110200		SWIM AREAS - Employee Costs	\$154,900.00	\$49,500.00	\$204,400.00	\$86,390.00	\$89,071.38	3.10%
11	1102	2	2110201		SWIM AREAS - Unrecognised Staff Liabilities	\$18,000.00	\$1,500.00	\$19,500.00	\$19,500.00	\$0.00	-100.00%
11	1102	2	2110203		SWIM AREAS - Uniforms	\$400.00	\$0.00	\$400.00	\$0.00	\$0.00	
11	1102	2	2110204		SWIM AREAS - Training & Conferences	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$650.82	-22.06%
11	1102	2	2110288		SWIM AREAS - Building Operations						
11	1102	2	2110288	BO020	Swimming Pool - Building Operations	\$50,000.00	\$0.00	\$50,000.00	\$20,830.00	\$16,290.72	-21.79%
11	1102	2	2110289		SWIM AREAS - Building Maintenance						
11	1102	2	2110289	BM020	Swimming Pool - Building Maintenance	\$20,000.00	\$0.00	\$20,000.00	\$8,330.00	\$2,608.10	-68.69%
11	1102	2	2110292		SWIM AREAS - Depreciation	\$77,200.00	\$0.00	\$77,200.00	\$32,170.00	\$11,046.38	-65.66%
11	1102	2	2110299		SWIM AREAS - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%
<b>Operating Expenditure Total</b>						<b>\$426,200.00</b>	<b>\$51,000.00</b>	<b>\$477,200.00</b>	<b>\$211,265.00</b>	<b>\$159,593.32</b>	
11	1102	3	3110220		SWIM AREAS - Admissions	-\$35,000.00	\$0.00	-\$35,000.00	-\$14,585.00	-\$18,279.14	25.33%
<b>Operating Income Total</b>						<b>-\$35,000.00</b>	<b>\$0.00</b>	<b>-\$35,000.00</b>	<b>-\$14,585.00</b>	<b>-\$18,279.14</b>	
11	1102	4	4110290		SWIM AREAS - Infrastructure Other (Capital)						
11	1102	4	4110290	SC041	Pool Bowl	\$20,000.00	-\$15,000.00	\$5,000.00	\$2,085.00	\$0.00	-100.00%
11	1102	4	4110290	SC042	Pool - Septic System	\$0.00	\$15,000.00	\$15,000.00	\$15,000.00	\$11,900.00	-20.67%
11	1102	4	4110290	SC043	Pool - Filtration System	\$0.00	\$15,000.00	\$15,000.00	\$6,250.00	\$11,736.40	87.78%
<b>Capital Expenditure Total</b>						<b>\$20,000.00</b>	<b>\$15,000.00</b>	<b>\$35,000.00</b>	<b>\$23,335.00</b>	<b>\$23,636.40</b>	<b>-\$0.33</b>



<b>Swimming Areas And Beaches Total</b>				<b>\$411,200.00</b>	<b>\$36,000.00</b>	<b>\$447,200.00</b>	<b>\$198,765.00</b>	<b>\$141,314.18</b>		
11	1103	2	2110300	REC - Employee Costs	\$0.00	\$302,230.00	\$302,230.00	\$302,230.00	\$7,930.75	-97.38%
11	1103	2	2110304	REC - Training & Conferences	\$0.00	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	-100.00%
11	1103	2	2110330	REC - Insurance Expenses	\$48,400.00	\$6,000.00	\$54,400.00	\$54,400.00	\$54,365.61	-0.06%
11	1103	2	2110352	REC - Management Contract MRCLC	\$98,400.00	\$0.00	\$98,400.00	\$41,000.00	\$65,564.00	59.91%
11	1103	2	2110353	REC - MRCLC	\$450,000.00	<b>-\$317,230.00</b>	\$132,770.00	\$55,320.00	\$4,280.76	-92.26%
11	1103	2	2110354	REC - MRCLC Initial Maintenance and Repairs	\$0.00	\$105,000.00	\$105,000.00	\$70,000.00	\$62,601.18	-10.57%
11	1103	2	2110355	REC - MRCLC - Building Operations	\$0.00	\$23,000.00	\$23,000.00	\$23,000.00	\$2,246.79	-90.23%
11	1103	2	2110365	REC - Parks & Gardens Maintenance/Operations						
11	1103	2	2110365 W0001	Apex Park	\$41,800.00	<b>-\$2,000.00</b>	\$39,800.00	\$16,580.00	\$22,411.31	35.17%
11	1103	2	2110365 W0002	Roy Little Park	\$117,100.00	<b>-\$4,500.00</b>	\$112,600.00	\$46,915.00	\$22,492.88	-52.06%
11	1103	2	2110365 W0003	Great Eastern Highway Gardens	\$79,100.00	\$0.00	\$79,100.00	\$31,290.00	\$23,229.72	-25.76%
11	1103	2	2110365 W0004	Lenihan Park	\$4,400.00	\$2,500.00	\$6,900.00	\$2,869.00	\$6,108.47	112.91%
11	1103	2	2110365 W0005	Upper French Ave Park	\$11,000.00	\$0.00	\$11,000.00	\$4,585.00	\$4,175.32	-8.94%
11	1103	2	2110365 W0006	Mary Street Park	\$5,100.00	\$0.00	\$5,100.00	\$2,020.00	\$1,324.91	-34.41%
11	1103	2	2110365 W0007	Barrack Street Park	\$59,400.00	<b>-\$1,000.00</b>	\$58,400.00	\$24,330.00	\$26,161.38	7.53%
11	1103	2	2110365 W0008	Railway Dam	\$800.00	\$1,000.00	\$1,800.00	\$740.00	\$2,542.59	243.59%
11	1103	2	2110365 W0009	Merritville Gardens	\$0.00	\$0.00	\$0.00	\$0.00	\$96.42	
11	1103	2	2110365 W0010	Memorial Park Gardens	\$10,200.00	\$0.00	\$10,200.00	\$4,250.00	\$3,036.55	-28.55%
11	1103	2	2110365 W0011	Fifth Street Gardens	\$500.00	\$0.00	\$500.00	\$205.00	\$85.04	-58.52%
11	1103	2	2110365 W0012	Lower French Avenue Gardens	\$12,350.00	\$0.00	\$12,350.00	\$5,140.00	\$5,731.86	11.51%
11	1103	2	2110365 W0013	Admin Centre Gardens	\$40,950.00	\$0.00	\$40,950.00	\$17,055.00	\$16,539.54	-3.02%
11	1103	2	2110365 W0014	Old Administration Buildings Gardens	\$13,050.00	<b>-\$2,000.00</b>	\$11,050.00	\$4,605.00	\$1,210.37	-73.72%
11	1103	2	2110365 W0015	Library Gardens	\$5,900.00	\$0.00	\$5,900.00	\$2,455.00	\$2,073.03	-15.56%
11	1103	2	2110365 W0016	Gamenya Avenue Gardens	\$1,100.00	\$1,000.00	\$2,100.00	\$870.00	\$1,493.68	71.69%
11	1103	2	2110365 W0017	Burracoppin Townsite	\$15,000.00	\$3,000.00	\$18,000.00	\$7,505.00	\$22,209.71	195.93%
11	1103	2	2110365 W0018	Muntagin Townsite	\$8,100.00	\$0.00	\$8,100.00	\$3,370.00	\$0.00	-100.00%
11	1103	2	2110365 W0019	Hines Hill Townsite	\$4,200.00	\$0.00	\$4,200.00	\$1,745.00	\$401.87	-76.97%
11	1103	2	2110365 W0020	South Avenue Gardens	\$6,600.00	\$0.00	\$6,600.00	\$2,745.00	\$1,064.10	-61.23%
11	1103	2	2110365 W0021	Railway Oval	\$2,600.00	\$0.00	\$2,600.00	\$1,090.00	\$304.02	-72.11%
11	1103	2	2110365 W0022	Bates Street Carpark Gardens	\$1,950.00	\$0.00	\$1,950.00	\$810.00	\$1,253.70	54.78%
11	1103	2	2110365 W0023	Pioneer Park Gardens	\$26,500.00	\$0.00	\$26,500.00	\$11,040.00	\$13,582.06	23.03%
11	1103	2	2110365 W0024	Railway Museum Gardens	\$8,900.00	\$0.00	\$8,900.00	\$3,705.00	\$3,886.65	4.90%
11	1103	2	2110365 W0025	Merredin Peak	\$14,900.00	\$0.00	\$14,900.00	\$6,173.00	\$3,960.20	-35.85%
11	1103	2	2110365 W0026	Dog Park	\$9,400.00	\$0.00	\$9,400.00	\$3,920.00	\$410.55	-89.53%
11	1103	2	2110365 W0030	Independent Water Supply	\$98,350.00	\$0.00	\$98,350.00	\$40,980.00	\$27,385.97	-33.17%
11	1103	2	2110365 W0031	Swimming Pool Gardens	\$8,500.00	\$0.00	\$8,500.00	\$3,575.00	\$2,715.74	-24.04%
11	1103	2	2110365 W0032	Pioneer Cemetery Gardens	\$1,900.00	\$0.00	\$1,900.00	\$750.00	\$4,088.94	445.19%
11	1103	2	2110365 W0033	Cemetery Gardens	\$80,400.00	\$0.00	\$80,400.00	\$32,820.00	\$32,397.56	-1.29%
11	1103	2	2110365 W0034	Parks & Gardens Minor Tools	\$7,500.00	\$0.00	\$7,500.00	\$3,125.00	\$6,658.52	113.07%
11	1103	2	2110365 W0035	Other Parks & Gardens	\$4,800.00	\$0.00	\$4,800.00	\$1,995.00	\$3,921.22	96.55%
11	1103	2	2110365 W0036	Bates Street (Adjacent To Dog Park)	\$150.00	\$350.00	\$500.00	\$410.00	\$455.82	11.18%

11	1103	2	2110366	REC - Town Oval Maintenance/Operations							
11	1103	2	2110366	W0027 Merredin Rec Centre Oval	\$72,000.00	\$0.00	\$72,000.00	\$30,000.00	\$27,482.87	-8.39%	
11	1103	2	2110366	W0028 Merredin Rec Centre Oval	\$13,000.00	\$0.00	\$13,000.00	\$5,420.00	\$14,072.26	159.64%	
11	1103	2	2110366	W0029 Merredin Rec Others	\$62,000.00	\$0.00	\$62,000.00	\$25,835.00	\$13,450.39	-47.94%	
11	1103	2	2110370	REC - Loan Interest Repayments	\$33,600.00	\$0.00	\$33,600.00	\$0.00	\$0.00		
11	1103	2	2110387	REC - Other Expenses							
11	1103	2	2110387	W0160 Operating Expenses	\$21,500.00	\$0.00	\$21,500.00	\$16,250.00	\$2,523.19	-84.47%	
11	1103	2	2110388	W0090 Merredin Recreation Centre Outside Contract	\$10,000.00	-\$9,500.00	\$500.00	\$210.00	\$0.00	-100.00%	
11	1103	2	2110389	REC - Other Rec Facilities Building Maintenance	\$42,000.00	-\$20,000.00	\$22,000.00	\$9,165.00	\$14,417.75	57.31%	
11	1103	2	2110392	REC - Depreciation	\$912,200.00	\$0.00	\$912,200.00	\$380,085.00	\$398,525.73	4.85%	
11	1103	2	2110399	REC - Administration Allocated	\$51,900.00	\$0.00	\$51,900.00	\$21,625.00	\$19,962.96	-7.69%	
<b>Operating Expenditure Total</b>					<b>\$2,517,500.00</b>	<b>\$89,850.00</b>	<b>\$2,607,350.00</b>	<b>\$1,326,207.00</b>	<b>\$950,833.94</b>		
11	1103	3	3110310	REC - Grants	\$0.00	-\$2,100,061.00	-\$2,100,061.00	\$0.00	\$0.00		
11	1103	3	3110313	REC - Grants - LRCI	-\$1,721,200.00	-\$402,867.00	-\$2,124,067.00	\$0.00	\$0.00		
11	1103	3	3110314	REC - Grants - BBRF	-\$1,520,400.00	\$0.00	-\$1,520,400.00	\$0.00	\$0.00		
11	1103	3	3110315	REC - Other Capital Contributions	-\$336,400.00	-\$237,670.00	-\$574,070.00	\$0.00	\$0.00		
11	1103	3	3110335	REC - Other Income	\$0.00	-\$6,000.00	-\$6,000.00	-\$2,500.00	-\$780.16	-68.79%	
<b>Operating Income Total</b>					<b>-\$3,578,000.00</b>	<b>-\$2,746,598.00</b>	<b>-\$6,324,598.00</b>	<b>-\$2,500.00</b>	<b>-\$780.16</b>		
11	1103	4	4110310	REC - Other Rec Facilities Building (Capital)	\$50,000.00	\$0.00	\$50,000.00	\$20,835.00	\$0.00	-100.00%	
11	1103	4	4110330	REC - Plant & Equipment (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
11	1103	4	4110370	REC - Infrastructure Parks & Gardens (Capital)							
11	1103	4	4110370	PC001 Apex Park Revitalisation	\$2,021,200.00	\$2,364,985.00	\$4,386,185.00	\$0.00	\$51,691.05		
11	1103	4	4110370	PC007 Cbd Redevelopment	\$3,050,400.00	\$330,943.00	\$3,381,343.00	\$1,127,114.00	\$43,048.96	-96.18%	
11	1103	4	4110370	PC030A Independent Water Supply Cemetery & Evap Reduction	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
11	1103	4	4110370	PC036 Cbd Redevelopment - Visitor Centre Relocation	\$450,000.00	-\$80,000.00	\$370,000.00	\$123,334.00	\$0.00	-100.00%	
11	1103	4	4110370	PC041 Water Tower Refurbishments	\$351,100.00	\$228,900.00	\$580,000.00	\$0.00	\$0.00		
11	1103	4	4110370	PC042 Playground Shades	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
11	1103	4	4110370	PC043 Replace Softfall - Mrclc Playground	\$30,000.00	\$0.00	\$30,000.00	\$10,000.00	\$0.00	-100.00%	
11	1103	4	4110370	PC101 Basketball Rings - Rec Centre	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
11	1103	4	4110380	REC - Loan Principal Repayments	\$55,800.00	\$0.00	\$55,800.00	\$0.00	\$0.00		
<b>Capital Expenditure Total</b>					<b>\$6,008,500.00</b>	<b>\$2,844,828.00</b>	<b>\$8,853,328.00</b>	<b>\$1,281,283.00</b>	<b>\$94,740.01</b>		
11	1103	5	5110355	REC - New Loan Borrowings	-\$1,480,000.00	\$0.00	-\$1,480,000.00	-\$1,480,000.00	\$0.00	-100.00%	
<b>Capital Income Total</b>					<b>-\$1,480,000.00</b>	<b>\$0.00</b>	<b>-\$1,480,000.00</b>	<b>-\$1,480,000.00</b>	<b>\$0.00</b>		
<b>Other Recreation And Sport Total</b>					<b>\$3,468,000.00</b>	<b>\$188,080.00</b>	<b>\$3,656,080.00</b>	<b>\$1,124,990.00</b>	<b>\$1,044,793.79</b>		
11	1105	2	2110500	LIBRARY - Employee Costs	\$173,400.00	\$0.00	\$173,400.00	\$73,885.00	\$63,597.47	-13.92%	
11	1105	2	2110512	LIBRARY - Book Purchases	\$1,500.00	\$0.00	\$1,500.00	\$703.00	\$1,145.45	62.94%	
11	1105	2	2110513	LIBRARY - Lost Books	\$500.00	\$0.00	\$500.00	\$125.00	\$0.00	-100.00%	
11	1105	2	2110514	LIBRARY - Local History	\$2,500.00	\$0.00	\$2,500.00	\$1,040.00	\$0.00	-100.00%	
11	1105	2	2110521	LIBRARY - Information Technology	\$17,500.00	\$0.00	\$17,500.00	\$7,204.00	\$0.00	-100.00%	
11	1105	2	2110586	LIBRARY - Expensed Minor Asset Purchases	\$5,300.00	\$0.00	\$5,300.00	\$2,210.00	\$0.00	-100.00%	
11	1105	2	2110587	LIBRARY - Other Expenses	\$14,000.00	\$0.00	\$14,000.00	\$5,830.00	\$2,449.60	-57.98%	
11	1105	2	2110588	LIBRARY - Library Building Operations							

11	1105 2	2110588	BO004	North Merredin Library - Building Operations	\$21,500.00	\$0.00	\$21,500.00	\$8,955.00	\$10,459.72	16.80%
11	1105 2	2110589		LIBRARY - Library Building Maintenance						
11	1105 2	2110589	BM004	North Merredin Library - Building Maintenance	\$10,000.00	\$0.00	\$10,000.00	\$4,165.00	\$3,244.09	-22.11%
11	1105 2	2110592		LIBRARY - Depreciation	\$81,500.00	\$0.00	\$81,500.00	\$33,960.00	\$34,119.11	0.47%
11	1105 2	2110599		LIBRARY - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%
<b>Operating Expenditure Total</b>					<b>\$431,400.00</b>	<b>\$0.00</b>	<b>\$431,400.00</b>	<b>\$181,287.00</b>	<b>\$154,941.36</b>	
11	1105 3	3110511		LIBRARY - Other Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1105 3	3110520		LIBRARY - Fees & Charges	-\$1,000.00	\$0.00	-\$1,000.00	-\$415.00	-\$684.75	65.00%
<b>Operating Income Total</b>					<b>-\$1,000.00</b>	<b>\$0.00</b>	<b>-\$1,000.00</b>	<b>-\$415.00</b>	<b>-\$684.75</b>	
11	1105 4	4110510		LIBRARY - Library Building (Capital)						
11	1105 4	4110510	BC004	North Merredin Library - Building (Capital)	\$21,000.00	\$0.00	\$21,000.00	\$0.00	\$0.00	
11	1105 4	4110530		LIBRARY - Plant & Equipment (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>					<b>\$21,000.00</b>	<b>\$0.00</b>	<b>\$21,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Libraries Total</b>					<b>\$451,400.00</b>	<b>\$0.00</b>	<b>\$451,400.00</b>	<b>\$180,872.00</b>	<b>\$154,256.61</b>	
11	1106 2	2110689		HERITAGE - Building Maintenance						
11	1106 2	2110689	W0040	Military Museum Building Mtce	\$4,700.00	\$0.00	\$4,700.00	\$1,960.00	\$1,970.59	0.54%
11	1106 2	2110689	W0048	Railway Museum Building Mtce	\$5,800.00	\$2,000.00	\$7,800.00	\$3,250.00	\$5,177.54	59.31%
11	1106 2	2110689	W0049	Insurance	\$2,400.00	\$4,260.00	\$6,660.00	\$2,775.00	\$6,653.86	139.78%
11	1106 2	2110689	W0050	Heritage Trail Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$415.68	
11	1106 2	2110699		HERITAGE - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%
<b>Operating Expenditure Total</b>					<b>\$116,600.00</b>	<b>\$6,260.00</b>	<b>\$122,860.00</b>	<b>\$51,195.00</b>	<b>\$54,143.59</b>	
11	1106 4	4110610		HERITAGE - Building (Capital)						
11	1106 4	4110610	HC041	Railway Museum - Precinct	\$30,000.00	\$10,000.00	\$40,000.00	\$16,665.00	\$0.00	-100.00%
<b>Capital Expenditure Total</b>					<b>\$30,000.00</b>	<b>\$10,000.00</b>	<b>\$40,000.00</b>	<b>\$16,665.00</b>	<b>\$0.00</b>	
<b>Heritage Total</b>					<b>\$146,600.00</b>	<b>\$16,260.00</b>	<b>\$162,860.00</b>	<b>\$67,860.00</b>	<b>\$54,143.59</b>	
11	1107 2	2110700		OTH CUL - Employee Costs	\$182,500.00	\$0.00	\$182,500.00	\$77,615.00	\$60,720.25	-21.77%
11	1107 2	2110712		OTH CUL - ANZAC Day	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743		OTH CUL - Other Festival Events						
11	1107 2	2110743	CT029	Comedy Gold	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT035	Celtic Illusion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT078	Morning Melodies	\$4,000.00	\$0.00	\$4,000.00	\$1,168.00	\$1,550.00	32.71%
11	1107 2	2110743	CT102	Gateway Merredin Festival	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT122	Hotel California - The Eagles Experience	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT128	The Stories Of Swing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT128A	Stories Of Swing - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT129	Stardust & The Mission	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT129A	Stardust & The Mission - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT130	Merredin Country Music Weekend	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT131	Tony Galati - The Musical	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT131A	Tony Galati - The Musical - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107 2	2110743	CT132	Finucane & Smith	\$5,300.00	\$0.00	\$5,300.00	\$2,210.00	\$0.00	-100.00%
11	1107 2	2110743	CT132A	Finucane & Smith - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

11	1107	2	2110743	CT134	David Scheel	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$2,000.00	139.52%
11	1107	2	2110743	CT141	Kalyakoorl Ngalak Warangka	\$4,500.00	\$0.00	\$4,500.00	\$1,875.00	\$2,500.00	33.33%
11	1107	2	2110743	CT143	Alex & Evie and the Forever Falling	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$3,000.00	
11	1107	2	2110743	CT146	Little Red	\$4,000.00	-\$4,000.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743	CT178	Other Shows	\$27,200.00	\$0.00	\$27,200.00	\$11,335.00	\$2,000.00	-82.36%
11	1107	2	2110744		OTH CUL - In the House						
11	1107	2	2110744	CT200	In The House Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT201	Edward The Emu	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT202	Brass Monkeys	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT203	Grant Funded Wages	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT204	Morning Melodies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110745		OTH CUL - Community & Culture Planning	\$12,900.00	-\$7,900.00	\$5,000.00	\$2,085.00	\$0.00	-100.00%
11	1107	2	2110765		OTH CUL - Theatre Operations	\$10,000.00	\$0.00	\$10,000.00	\$4,170.00	\$729.34	-82.51%
11	1107	2	2110786		OTH CUL - Expensed Minor Asset Purchases	\$4,000.00	\$0.00	\$4,000.00	\$2,666.00	\$0.00	-100.00%
11	1107	2	2110787		OTH CUL - Other Expenses						
11	1107	2	2110787	CTG01	General Operating Costs	\$13,000.00	\$0.00	\$13,000.00	\$5,420.00	\$931.62	-82.81%
11	1107	2	2110787	CTG03	Licenses And Memberships	\$2,000.00	\$0.00	\$2,000.00	\$1,688.00	\$1,580.64	-6.36%
11	1107	2	2110787	CTG04	Marketing & Promotion	\$4,500.00	\$0.00	\$4,500.00	\$2,653.00	\$1,051.28	-60.37%
11	1107	2	2110787	CTG06	Technical Maintenance	\$15,000.00	\$0.00	\$15,000.00	\$5,709.00	\$2,389.10	-58.15%
11	1107	2	2110787	CTG07	Equipment Purchases	\$4,000.00	\$0.00	\$4,000.00	\$1,670.00	\$161.36	-90.34%
11	1107	2	2110787	CTG08	Equipment Purchases	\$9,500.00	-\$9,500.00	\$0.00	\$0.00	\$10,454.27	
11	1107	2	2110787	CTG09	Gardens Maintenance	\$3,000.00	\$0.00	\$3,000.00	\$1,250.00	\$0.00	-100.00%
11	1107	2	2110787	CTG11	External Hire Expenses	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110787	CTG13	Kitchener St Residency Expenses	\$6,000.00	\$0.00	\$6,000.00	\$2,500.00	\$509.09	-79.64%
11	1107	2	2110788		OTH CUL - Building Operations						
11	1107	2	2110788	BO002	Cummin Theatre - Building Operations	\$47,200.00	\$9,500.00	\$56,700.00	\$23,620.00	\$16,846.45	-28.68%
11	1107	2	2110789		OTH CUL - Building Maintenance						
11	1107	2	2110789	BM002	Cummin Theatre - Building Maintenance	\$39,000.00	\$0.00	\$39,000.00	\$16,255.00	\$5,069.51	-68.81%
11	1107	2	2110792		OTH CUL - Depreciation	\$214,200.00	\$0.00	\$214,200.00	\$89,250.00	\$95,599.92	7.11%
11	1107	2	2110799		OTH CUL - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$32,415.00	\$29,944.45	-7.62%
<b>Operating Expenditure Total</b>						<b>\$694,600.00</b>	<b>-\$11,900.00</b>	<b>\$682,700.00</b>	<b>\$286,389.00</b>	<b>\$237,037.28</b>	
11	1107	3	3110710		OTH CUL - Grants - Theatre Shows						
11	1107	3	3110710	CTG029	Commedy Gold 2022 - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG128	The Stories Of Swing - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG129	Stardust + The Mission By The Space Company - Grant Fur	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG131	Tony Galati The Musical - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG132	Finucane & Smith'S Travelling Dance Hall -- Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG134	David Scheel - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110711		OTH CUL - Other Contributions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720		OTH CUL - Fees & Charges						
11	1107	3	3110720	CTGI01	Theatre Hire	-\$20,000.00	\$6,000.00	-\$14,000.00	-\$5,840.00	-\$8,098.73	38.68%
11	1107	3	3110720	CTGI02	Mou Rep Club	-\$1,500.00	\$0.00	-\$1,500.00	-\$625.00	\$0.00	-100.00%

11	1107	3	3110720	CTGI04	Ticket Sales	-\$3,500.00	\$2,000.00	-\$1,500.00	-\$630.00	-\$254.54	-59.60%
11	1107	3	3110720	CTGI05	Ticket Sales Rep Club	-\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTGI06	Inhouse Events	-\$100.00	\$0.00	-\$100.00	-\$40.00	\$0.00	-100.00%
11	1107	3	3110720	CTGI07	Equipment Hire	-\$500.00	\$0.00	-\$500.00	-\$210.00	-\$593.64	182.69%
11	1107	3	3110720	CTGI11	Bar Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTGI14	Technical & Foh Staff	-\$4,500.00	\$2,000.00	-\$2,500.00	-\$1,045.00	-\$979.10	-6.31%
11	1107	3	3110720	CTI029	Comedy Gold 2022	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI035	Celtic Illusion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI078	Morning Melodies	\$0.00	\$0.00	\$0.00	\$0.00	-\$680.85	
11	1107	3	3110720	CTI108	Stardust & The Mission	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI122	Hotel California - The Eagles Experience	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI126	Stardust + The Mission (Regional Arts Victoria)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI128	The Stories Of Swing - Ticket Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI131	Tony Galatie The Musical - Ticket Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI132	Finucane & Smith's Travelling Dance Hall - Ticket Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
					David Scheel - Don't Shoot Piano Player - Tickets						
11	1107	3	3110720	CTI134		\$0.00	\$0.00	\$0.00	\$0.00	-\$856.69	
11	1107	3	3110720	CTI135	Roald Dahl And The Imagination Seekers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI137	Rthe American Rock And Role Experience	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI138	The Wiggles - Summer Holiday Fun Tour - Ticket Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI139	The Alphabet Of Awesome Science	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI140	A Salute To The Crooners	\$0.00	\$0.00	\$0.00	\$0.00	\$54.54	
11	1107	3	3110720	CTI141	Kalyakoorl, Ngalak Warangka (Forever We Sing)	\$0.00	\$0.00	\$0.00	\$0.00	-\$306.13	
11	1107	3	3110720	CTI142	Elvis - The Vegas Years	\$0.00	\$0.00	\$0.00	\$0.00	-\$232.73	
11	1107	3	3110720	CTI143	Alex & Evie and the Forever Falling	\$0.00	\$0.00	\$0.00	\$0.00	-\$27.27	
11	1107	3	3110720	CTI201	Edward The Emu - (Ticket Sales)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
					<b>Operating Income Total</b>	<b>-\$32,100.00</b>	<b>\$12,000.00</b>	<b>-\$20,100.00</b>	<b>-\$8,390.00</b>	<b>-\$11,975.14</b>	
11	1107	4	4110710		OTH CUL - Building (Capital)						
11	1107	4	4110710	BC002	Cummin Theatre - Building (Capital)	\$50,000.00	-\$6,100.00	\$43,900.00	\$14,634.00	\$6,200.00	-57.63%
					<b>Capital Expenditure Total</b>	<b>\$50,000.00</b>	<b>-\$6,100.00</b>	<b>\$43,900.00</b>	<b>\$14,634.00</b>	<b>\$6,200.00</b>	
					<b>Other Culture Total</b>	<b>\$712,500.00</b>	<b>-\$6,000.00</b>	<b>\$706,500.00</b>	<b>\$292,633.00</b>	<b>\$231,262.14</b>	
					<b>Recreation &amp; Culture Total</b>	<b>\$5,413,200.00</b>	<b>\$265,890.00</b>	<b>\$5,679,090.00</b>	<b>\$1,978,506.00</b>	<b>\$1,720,238.80</b>	
12	1201	3	3120110		ROADC - Regional Road Group Grants (MRWA)	-\$673,600.00	\$26,700.00	-\$646,900.00	-\$269,540.00	-\$548,635.09	103.54%
12	1201	3	3120111		ROADC - Roads to Recovery Grant	-\$705,700.00	\$12,500.00	-\$693,200.00	-\$288,835.00	-\$73,287.00	-74.63%
12	1201	3	3120118		ROADC - Wheatbelt Secondary Freight Network (WSFN)	-\$3,443,700.00	-\$589,200.00	-\$4,032,900.00	-\$1,680,375.00	-\$1,142,168.92	-32.03%
					<b>Operating Income Total</b>	<b>-\$4,823,000.00</b>	<b>-\$550,000.00</b>	<b>-\$5,373,000.00</b>	<b>-\$2,238,750.00</b>	<b>-\$1,764,091.01</b>	
12	1201	4	4120140		ROADC - Roads Built Up Area - Council Funded						
12	1201	4	4120140	RC135	Barrack Street (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120140	RC401	Line Marking Program	\$35,000.00	\$0.00	\$35,000.00	\$0.00	\$0.00	
12	1201	4	4120140	RC402	Signage Replacement Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120141		ROADC - Roads Outside BUA - Sealed - Council Funded						
12	1201	4	4120141	RC239	Merredin-Naremben Road (Capital)	\$3,975,600.00	\$318,100.00	\$4,293,700.00	\$1,789,040.00	\$1,763,727.76	-1.41%

12	1201	4	4120142	RC090	Goldfields Road (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$2,868.37	
12	1201	4	4120144		ROADC - Roads Built Up Area - Roads to Recovery						
12	1201	4	4120144	R2R000	To Be Allocated	\$37,000.00	\$0.00	\$37,000.00	\$15,415.00	\$0.00	-100.00%
12	1201	4	4120144	R2R283	Nolan Street (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120145		ROADC - Roads Outside BUA - Sealed - Roads to Recovery						
12	1201	4	4120145	R2R011	Totadgin Hall Road (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120145	R2R072	Crooks Road (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120146	R2R090	Goldfields Road (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$6,386.71	
12	1201	4	4120149		ROADC - Roads Outside BUA - Sealed - Regional Road Group						
12	1201	4	4120149	RRG003	Bullshead Road (Rrg)	\$160,000.00	\$0.00	\$160,000.00	\$0.00	\$0.00	
12	1201	4	4120149	RRG239	Merredin-Narambeen Road	\$0.00	\$0.00	\$0.00	\$0.00	\$2,985.83	
12	1201	4	4120150		ROADC - Roads Outside BUA - Gravel - Regional Road Group						
12	1201	4	4120150	RRG090	Goldfields Road (Rrg)	\$486,800.00	\$80,100.00	\$566,900.00	\$236,210.00	\$0.00	-100.00%
12	1201	4	4120150	RRG015	Goldfields Road (Rrg)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120165		ROADC - Drainage Built Up Area (Capital)						
12	1201	4	4120165	DC142	French Avenue - Drainage Capital	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120170		ROADC - Footpaths and Cycleways (Capital)						
12	1201	4	4120170	FC000	Footpath Construction General (Budgeting Only)	\$110,800.00	-\$43,000.00	\$67,800.00	\$28,250.00	\$0.00	-100.00%
<b>Capital Expenditure Total</b>						<b>\$4,805,200.00</b>	<b>\$355,200.00</b>	<b>\$5,160,400.00</b>	<b>\$2,068,915.00</b>	<b>\$1,775,968.67</b>	
<b>Construction - Streets, Roads, Bridges &amp; Depots Total</b>						<b>-\$17,800.00</b>	<b>-\$194,800.00</b>	<b>-\$212,600.00</b>	<b>-\$169,835.00</b>	<b>\$11,877.66</b>	
12	1202	2	2120211		ROADM - Road Maintenance - Built Up Areas						
12	1202	2	2120211	FM000	Footpath Maintenance General (Budgeting Only)	\$355,000.00	\$0.00	\$355,000.00	\$147,915.00	\$0.00	-100.00%
12	1202	2	2120211	FM140	Coronation Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	FM142	French Avenue - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$493.32	
12	1202	2	2120211	FM145	King Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,724.54	
12	1202	2	2120211	FM146	George Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,062.94	
12	1202	2	2120211	FM153	Throssell Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$8,906.07	
12	1202	2	2120211	FM156	Hart Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$255.08	
12	1202	2	2120211	FM157	Haig Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$737.74	
12	1202	2	2120211	FM171	Hay Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$763.95	
12	1202	2	2120211	FM180	Aspland Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	FM196	Boyd Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	FM198	Princess Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,419.24	
12	1202	2	2120211	FM225	Abattoir Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$341.14	
12	1202	2	2120211	FM277	South Avenue - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	RM102	Insignia Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,431.63	
12	1202	2	2120211	RM104	Insignia Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,096.94	
12	1202	2	2120211	RM113	Dobson Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$399.07	
12	1202	2	2120211	RM133	Parkes Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM135	Barrack Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$8,739.79	
12	1202	2	2120211	RM136	Bates Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,022.13	
12	1202	2	2120211	RM137	Mitchell Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,266.14	

12	1202	2	2120211	RM138	Fifth Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$938.85
12	1202	2	2120211	RM139	Queen Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,060.61
12	1202	2	2120211	RM140	Coronation Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$7,025.80
12	1202	2	2120211	RM141	Duff Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,429.36
12	1202	2	2120211	RM142	French Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$488.30
12	1202	2	2120211	RM144	Woolgar Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$375.72
12	1202	2	2120211	RM145	King Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$963.13
12	1202	2	2120211	RM146	George Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$596.39
12	1202	2	2120211	RM147	Pollock Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$851.71
12	1202	2	2120211	RM148	Caw Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$739.16
12	1202	2	2120211	RM149	Endersbee Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,576.01
12	1202	2	2120211	RM150	Kitchener Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,715.41
12	1202	2	2120211	RM151	Growden Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,095.42
12	1202	2	2120211	RM152	Cunningham Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$304.86
12	1202	2	2120211	RM153	Throssell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,240.14
12	1202	2	2120211	RM154	Mary Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,012.49
12	1202	2	2120211	RM155	Hobbs Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM156	Hart Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM157	Haig Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,115.72
12	1202	2	2120211	RM158	Golf Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$297.52
12	1202	2	2120211	RM159	Allbeury Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,120.64
12	1202	2	2120211	RM160	Craddock Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM161	Jellicoe Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$300.79
12	1202	2	2120211	RM162	Morton Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM163	Farrar Parade - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,040.67
12	1202	2	2120211	RM164	Jubilee Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM165	Hunter Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$232.83
12	1202	2	2120211	RM166	Mill Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,635.91
12	1202	2	2120211	RM167	Council Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM168	Kendall Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$190.31
12	1202	2	2120211	RM169	Snell Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,432.83
12	1202	2	2120211	RM170	Pioneer Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$485.31
12	1202	2	2120211	RM171	Hay Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,395.73
12	1202	2	2120211	RM172	Colin Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$998.79
12	1202	2	2120211	RM173	Stephen Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$439.85
12	1202	2	2120211	RM174	Alfred Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,116.96
12	1202	2	2120211	RM175	Telfer Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$768.56
12	1202	2	2120211	RM176	Cummings Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$817.43
12	1202	2	2120211	RM177	Gilmore Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM178	Tomlinson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM179	Bower Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM180	Aspland Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,338.28

12	1202	2	2120211	RM181	Muscat Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM182	Pereira Drive - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$309.49
12	1202	2	2120211	RM183	Saleyard Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM184	Allenby Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM185	Lefroy Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM186	Ellis Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,582.15
12	1202	2	2120211	RM187	Pool Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$330.96
12	1202	2	2120211	RM188	Todd West Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$544.19
12	1202	2	2120211	RM189	Oat Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM190	Macdonald Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$687.33
12	1202	2	2120211	RM191	Haines Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM192	Solomon Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM193	Cohn Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,070.18
12	1202	2	2120211	RM194	Priestley Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM195	Hill Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$309.49
12	1202	2	2120211	RM196	Boyd Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM197	Jackson Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM198	Princess Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$836.03
12	1202	2	2120211	RM199	Brewery Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM200	Benson Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM201	Watson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM202	Barr Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM203	Harling Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM204	Third Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$403.01
12	1202	2	2120211	RM205	O'Connor Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$451.81
12	1202	2	2120211	RM206	Limbourne Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$512.61
12	1202	2	2120211	RM207	Edwards Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM212	Yorrell Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$737.56
12	1202	2	2120211	RM213	Gamenya Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,311.00
12	1202	2	2120211	RM214	Warne Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,280.76
12	1202	2	2120211	RM215	Burracoppin Siding Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM217	Davies Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM218	Oats - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,320.14
12	1202	2	2120211	RM219	Cassia Street Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM220	Acacia Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM221	Cowan Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,027.50
12	1202	2	2120211	RM222	Dolton Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$161.70
12	1202	2	2120211	RM223	Cummings Crescent - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$796.84
12	1202	2	2120211	RM224	Lewis Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM226	Mckenzie Crescent - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM227	Hearles Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM229	Hawker Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$915.00



12	1202	2	2120211	RM230	Crossland Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM231	Fagans Folly Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$907.80	
12	1202	2	2120211	RM232	Smith Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$948.25	
12	1202	2	2120211	RM233	Easton Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM235	Davies Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM240	Second Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,413.43	
12	1202	2	2120211	RM244	East Barrack St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$918.06	
12	1202	2	2120211	RM245	Todd St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,079.05	
12	1202	2	2120211	RM250	Whitfield Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$317.89	
12	1202	2	2120211	RM251	Cohn St Service Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM253	Carrington Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$208.59	
12	1202	2	2120211	RM256	Main St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM257	Whittleton St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM261	Service Road 1 Duff St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	RM264	Service Lane 4 Fifth St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM265	Lewis Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$794.99	
12	1202	2	2120211	RM266	Mckenzie Crescent - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM274	Service Road 14 Haig Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$309.94	
12	1202	2	2120211	RM275	Gerbert Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM276	Caridi Close - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$327.79	
12	1202	2	2120211	RM277	South Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,801.10	
12	1202	2	2120211	RM278	Chegwidden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,169.45	
12	1202	2	2120211	RM279	Railway Parade - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,164.14	
12	1202	2	2120211	RM283	Nolan Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM286	Mcginniss Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$175.23	
12	1202	2	2120211	RM290	Doyle Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM291	Coghill Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	RM292	Byrne Lane - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$402.48	
12	1202	2	2120211	RM293	Maiolo Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120212		ROADM - Road Maintenance - Sealed Outside BUA						
12	1202	2	2120212	RM000	Roadm - Rd Maint - Sealed Outside (Budget Only)	\$175,500.00	\$0.00	\$175,500.00	\$73,125.00	\$0.00	-100.00%
12	1202	2	2120212	RM001	Chandler Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,866.11	
12	1202	2	2120212	RM002	Hines Hill Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,352.83	
12	1202	2	2120212	RM003	Bullshead Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$986.90	
12	1202	2	2120212	RM004	Brissenden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$7,170.99	
12	1202	2	2120212	RM005	Burracoppin-Campion Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$11,197.48	
12	1202	2	2120212	RM006	Nangeenan North Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,057.28	
12	1202	2	2120212	RM008	Knungajin-Merredin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,617.02	
12	1202	2	2120212	RM009	Hines Hill North Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$279.39	
12	1202	2	2120212	RM010	Korbel West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120212	RM011	Totadgin Hall Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,146.64	
12	1202	2	2120212	RM012	Nokaning West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$6,839.09	

12	1202	2	2120212	RM017	Fewster Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM043	Wogarl-Muntadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM052	Dulyalbin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM054	Connell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM056	Robartson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,481.29
12	1202	2	2120212	RM072	Crooks Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,055.44
12	1202	2	2120212	RM126	Smith Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM128	Giles Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM129	Rutter Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120212	RM130	Girauda Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,231.02
12	1202	2	2120212	RM131	Thiel Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,231.05
12	1202	2	2120212	RM132	Potter Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM134	Hughes Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120212	RM238	Doodlakine-Bruce Rock Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM239	Merredin-Narembeen Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$14,059.52
12	1202	2	2120212	RM247	Barrack St Spur - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$136.61
12	1202	2	2120212	RM259	Nukarni Bin Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213		ROADM - Road Maintenance - Gravel Outside BUA					
12	1202	2	2120213	RM007	Korbrelkulling Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,773.44
12	1202	2	2120213	RM013	Nukarni East Road- Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,410.15
12	1202	2	2120213	RM015	Burracoppin South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$10,960.40
12	1202	2	2120213	RM016	Baandee South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM018	Muntadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,434.86
12	1202	2	2120213	RM023	Pitt Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,459.70
12	1202	2	2120213	RM026	Endersbee Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,400.75
12	1202	2	2120213	RM028	Muntadgin Tandegin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,486.40
12	1202	2	2120213	RM031	Southcott Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM034	Collgar South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,401.97
12	1202	2	2120213	RM037	Goomarin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,315.11
12	1202	2	2120213	RM042	Dunlop Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,039.37
12	1202	2	2120213	RM045	Bicks Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,866.47
12	1202	2	2120213	RM047	Barr Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM057	Johnston Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM065	Coupar Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,061.87
12	1202	2	2120213	RM068	Collgar West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM069	Armstrong Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM090	Goldfields Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,767.52
12	1202	2	2120213	RM092	Dunwell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM095	Coulahan Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM098	Liebeck Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25
12	1202	2	2120213	RM124	Hicks Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$996.97
12	1202	2	2120213	RM208	Spur Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,795.04

12	1202	2	2120213	RM237	Duffy Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120213	RM246	Ellery Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,048.19	
12	1202	2	2120213	RM901	Roadm - Rd Maint - Gravel Outside (Budget Only)	\$205,000.00	\$0.00	\$205,000.00	\$85,420.00	\$0.00	-100.00%
12	1202	2	2120214		ROADM - Road Maintenance - Formed Outside BUA						
12	1202	2	2120213	RM014	Roadm - Rd Maint - Gravel Outside (Budget Only)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM019	Neening Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM020	Pustkuchen Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$6,646.85	
12	1202	2	2120214	RM021	Hines Hill-Korbel Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,105.72	
12	1202	2	2120214	RM022	Neening Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$7,597.40	
12	1202	2	2120214	RM024	Old Muntadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,285.34	
12	1202	2	2120214	RM025	Goodier Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM027	Spring Well Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$10,882.55	
12	1202	2	2120214	RM029	Nokaning East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,778.45	
12	1202	2	2120214	RM030	Pustkuchen Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM032	Downsborough Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,231.28	
12	1202	2	2120214	RM033	Booran South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,629.00	
12	1202	2	2120214	RM035	Hubeck Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,249.75	
12	1202	2	2120214	RM036	Korbel East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,086.97	
12	1202	2	2120214	RM038	Hardman Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,031.50	
12	1202	2	2120214	RM040	Tandegin East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,249.76	
12	1202	2	2120214	RM044	Koonadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,536.42	
12	1202	2	2120214	RM046	Currie Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,983.86	
12	1202	2	2120214	RM048	Burracoppin North West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM050	Last Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,401.97	
12	1202	2	2120214	RM051	Hart Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.26	
12	1202	2	2120214	RM053	Osborne Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM055	Teasdale Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM058	Growden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM059	Willis Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM060	Briant Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$6,551.93	
12	1202	2	2120214	RM062	Talgomine Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,166.48	
12	1202	2	2120214	RM063	Korbelka Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM064	Mcgellin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM066	Crees Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,166.51	
12	1202	2	2120214	RM067	Ogden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM073	Fourtenn Mile Gate Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,227.23	
12	1202	2	2120214	RM075	Arnold Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,166.50	
12	1202	2	2120214	RM076	Scott Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,031.87	
12	1202	2	2120214	RM077	Peel Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM078	Feineler Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM080	Old Nukarni Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	

12	1202	2	2120214	RM081	Burke Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,643.23	
12	1202	2	2120214	RM082	Woodward Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,122.63	
12	1202	2	2120214	RM083	Hendrick Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,100.14	
12	1202	2	2120214	RM084	Booran North Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM085	Barnes Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM086	Cahill Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM087	Fitzpatrick Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM088	Snell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,476.65	
12	1202	2	2120214	RM091	Bassula Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM093	Norpa Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,024.74	
12	1202	2	2120214	RM094	Hines Hill Siding Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM096	Ulva Siding Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM099	Legge Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.23	
12	1202	2	2120214	RM100	Day Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.23	
12	1202	2	2120214	RM101	Bignell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM103	Dobson Raod - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM105	Fisher East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM111	Thynet Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,088.04	
12	1202	2	2120214	RM115	Tuppen Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM116	Koonadgin Sourth Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM121	Gigney Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM123	Clarke Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM209	Della Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM210	Pink Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM211	Clement Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM236	Newport Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM242	Unknown Rd - Munty - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,086.97	
12	1202	2	2120214	RM243	Adamson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM248	Junk Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$819.50	
12	1202	2	2120214	RM252	Goldfields Rd - West - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$815.44	
12	1202	2	2120214	RM258	Unknown Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,215.54	
12	1202	2	2120214	RM902	Roadm - Rd Maint - Formed Outside (Budget Only)	\$450,000.00	\$0.00	\$450,000.00	\$187,500.00	\$0.00	-100.00%
12	1202	2	2120234	ROADM - Street Lighting	\$191,400.00	\$0.00	\$191,400.00	\$79,750.00	\$77,727.11	-2.54%	
12	1202	2	2120235	RS001	Safety Equipment	\$20,000.00	\$0.00	\$20,000.00	\$8,335.00	\$1,236.00	-85.17%
12	1202	2	2120235	RS002	Portable Traffic Lights	\$10,000.00	\$0.00	\$10,000.00	\$4,165.00	\$0.00	-100.00%
12	1202	2	2120235	RS003	Road Counters	\$10,000.00	\$0.00	\$10,000.00	\$4,165.00	\$0.00	-100.00%
12	1202	2	2120265		ROADM - Drainage Maintenance Built Up Areas						
12	1202	2	2120265	DM000	Roadm - Drainage Maint Built Up Areas (Budget Only)	\$50,000.00	\$0.00	\$50,000.00	\$20,835.00	\$0.00	-100.00%
12	1202	2	2120265	DM135	Barrack Street - Drainage Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$544.37	
12	1202	2	2120265	DM150	Kitchener Road - Drainage Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$431.94	
12	1202	2	2120265	DM172	Colin Street - Drainage Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$616.21	
12	1202	2	2120286		ROADM - Workshop/Depot Expensed Equipment	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$0.00	-100.00%

12	1202	2	2120287	ROADM - Other Expenses	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$188.94	-90.94%
12	1202	2	2120288	ROADM - Depot Building Operations	\$11,700.00	\$0.00	\$11,700.00	\$3,835.00	\$1,248.36	-67.45%
12	1202	2	2120289	ROADM - Depot Building Maintenance	\$31,500.00	\$0.00	\$31,500.00	\$12,895.00	\$15,117.75	17.24%
12	1202	2	2120292	ROADM - Depreciation	\$3,649,100.00	\$0.00	\$3,649,100.00	\$1,520,460.00	\$1,234,096.72	-18.83%
<b>Operating Expenditure Total</b>					<b>\$5,166,200.00</b>	<b>\$0.00</b>	<b>\$5,166,200.00</b>	<b>\$2,151,320.00</b>	<b>\$1,677,954.53</b>	
12	1202	3	3120200	ROADM - Street Lighting Subsidy	-\$20,900.00	\$0.00	-\$20,900.00	\$0.00	\$0.00	
12	1202	3	3120201	ROADM - Road Contribution Income	-\$285,900.00	\$0.00	-\$285,900.00	-\$119,125.00	-\$194,892.28	63.60%
12	1202	3	3120210	ROADM - Direct Road Grant (MRWA)	-\$251,200.00	-\$5,200.00	-\$256,400.00	-\$106,835.00	-\$256,337.00	139.94%
<b>Operating Income Total</b>					<b>-\$558,000.00</b>	<b>-\$5,200.00</b>	<b>-\$563,200.00</b>	<b>-\$225,960.00</b>	<b>-\$451,229.28</b>	
<b>Maintenance - Streets, Roads, Bridges &amp; Depots Total</b>					<b>\$4,608,200.00</b>	<b>-\$5,200.00</b>	<b>\$4,603,000.00</b>	<b>\$1,925,360.00</b>	<b>\$1,226,725.25</b>	
12	1203	2	2120391	PLANT - Loss on Disposal of Assets	\$11,700.00	\$0.00	\$11,700.00	\$4,875.00	\$0.00	-100.00%
<b>Operating Expenditure Total</b>					<b>\$11,700.00</b>	<b>\$0.00</b>	<b>\$11,700.00</b>	<b>\$4,875.00</b>	<b>\$0.00</b>	
12	1203	3	3120390	PLANT - Profit on Disposal of Assets	-\$113,800.00	\$0.00	-\$113,800.00	-\$47,415.00	\$0.00	-100.00%
12	1203	3	5120350	PLANT - Proceeds on Disposal of Assets	-\$205,900.00	\$0.00	-\$205,900.00	-\$85,790.00	\$0.00	-100.00%
12	1203	3	5120351	PLANT - Realisation on Disposal of Assets	\$205,900.00	\$0.00	\$205,900.00	\$85,790.00	\$0.00	-100.00%
<b>Operating Income Total</b>					<b>-\$113,800.00</b>	<b>\$0.00</b>	<b>-\$113,800.00</b>	<b>-\$47,415.00</b>	<b>\$0.00</b>	
12	1203	4	4120330	PLANT - Plant & Equipment (Capital)	\$629,900.00	\$74,000.00	\$703,900.00	\$0.00	\$181,560.58	
<b>Capital Expenditure Total</b>					<b>\$629,900.00</b>	<b>\$74,000.00</b>	<b>\$703,900.00</b>	<b>\$0.00</b>	<b>\$181,560.58</b>	
<b>Road Plant Purchases Total</b>					<b>\$527,800.00</b>	<b>\$74,000.00</b>	<b>\$601,800.00</b>	<b>-\$42,540.00</b>	<b>\$181,560.58</b>	
12	1205	2	2120500	LICENSING - Employee Costs	\$79,100.00	\$0.00	\$79,100.00	\$33,715.00	\$33,912.21	0.58%
12	1205	2	2120599	LICENSING - Administration Allocated	\$25,900.00	\$0.00	\$25,900.00	\$10,790.00	\$9,981.48	-7.49%
<b>Operating Expenditure Total</b>					<b>\$105,000.00</b>	<b>\$0.00</b>	<b>\$105,000.00</b>	<b>\$44,505.00</b>	<b>\$43,893.69</b>	
12	1205	3	3120502	LICENSING - Transport Licensing Commission	-\$76,000.00	\$0.00	-\$76,000.00	-\$31,665.00	-\$32,163.09	1.57%
<b>Operating Income Total</b>					<b>-\$76,000.00</b>	<b>\$0.00</b>	<b>-\$76,000.00</b>	<b>-\$31,665.00</b>	<b>-\$32,163.09</b>	
<b>Traffic Control (Vehicle Licensing) Total</b>					<b>\$29,000.00</b>	<b>\$0.00</b>	<b>\$29,000.00</b>	<b>\$12,840.00</b>	<b>\$11,730.60</b>	
12	1207	2	2120752	WATER - Consultants	\$120,000.00	\$0.00	\$120,000.00	\$50,000.00	\$0.00	-100.00%
12	1207	2	2120800	WATER - Projects	\$9,000.00	\$0.00	\$9,000.00	\$3,750.00	\$1,272.37	-66.07%
<b>Operating Expenditure Total</b>					<b>\$129,000.00</b>	<b>\$0.00</b>	<b>\$129,000.00</b>	<b>\$53,750.00</b>	<b>\$1,272.37</b>	
12	1207	3	3120750	WATER - Community Water Supply Program - Grant 1	-\$89,100.00	\$0.00	-\$89,100.00	\$0.00	-\$19,804.00	
12	1207	3	3120751	WATER - Community Water Supply Program - Grant 2.	-\$100,000.00	\$0.00	-\$100,000.00	\$0.00	-\$10,000.00	
<b>Operating Income Total</b>					<b>-\$189,100.00</b>	<b>\$0.00</b>	<b>-\$189,100.00</b>	<b>\$0.00</b>	<b>-\$29,804.00</b>	
12	1207	4	4120790	WATER - Infrastructure Other (Capital)						
12	1207	4	4120790 WC002	Watersmart Farms - Desalination Project	\$100,000.00	\$0.00	\$100,000.00	\$41,665.00	\$39,878.32	-4.29%
12	1207	4	4120790 WC003	MRWN Upgrade	\$180,000.00	\$0.00	\$180,000.00	\$0.00	\$32,050.00	
<b>Capital Expenditure Total</b>					<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$100,000.00</b>	<b>\$41,665.00</b>	<b>\$71,928.32</b>	
<b>Water Transport Facilities Total</b>					<b>\$39,900.00</b>	<b>\$0.00</b>	<b>\$39,900.00</b>	<b>\$95,415.00</b>	<b>\$43,396.69</b>	
<b>Transport Total</b>					<b>\$5,187,100.00</b>	<b>-\$126,000.00</b>	<b>\$5,061,100.00</b>	<b>\$1,821,240.00</b>	<b>\$1,443,240.78</b>	
13	1302	2	2130200	TOURISM - Employee Costs	\$218,000.00	\$0.00	\$218,000.00	\$92,060.00	\$122,685.70	33.27%
13	1302	2	2130240	TOURISM - Public Relations & Area Promotion						
13	1302	2	2130240 W0176	Postage & Freight	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	2	2130240 W0179	Merredin Marketing	\$1,200.00	\$0.00	\$1,200.00	\$500.00	\$54.17	-89.17%
13	1302	2	2130240 W0180	Photograph Inventory	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%

13	1302	2	2130240	W0182	Strategic Marketing	\$8,000.00	\$0.00	\$8,000.00	\$3,335.00	\$0.00	-100.00%
13	1302	2	2130240	W0183	Website Design	\$14,500.00	\$0.00	\$14,500.00	\$0.00	\$6,600.00	
13	1302	2	2130287		TOURISM - Other Expenses						
13	1302	2	2130287	W0188	Phone, Postage & Freight	\$1,400.00	\$0.00	\$1,400.00	\$851.00	\$262.61	-69.14%
13	1302	2	2130287	W0189	Office Expenses	\$3,200.00	\$0.00	\$3,200.00	\$1,277.00	\$699.94	-45.19%
13	1302	2	2130287	W0190	It Expenses	\$3,000.00	\$0.00	\$3,000.00	\$1,250.00	\$725.00	-42.00%
13	1302	2	2130287	W0191	Membership/Associations	\$2,500.00	\$0.00	\$2,500.00	\$1,040.00	\$173.56	-83.31%
13	1302	2	2130287	W0195	Merchandise & Consignment	\$17,000.00	\$0.00	\$17,000.00	\$7,085.00	\$8,019.66	13.19%
13	1302	2	2130287	W0199	Transwa	\$30,500.00	\$0.00	\$30,500.00	\$12,710.00	\$11,988.23	-5.68%
13	1302	2	2130287	W0209	Regional Marketing Initiatives & Advertising	\$3,500.00	\$0.00	\$3,500.00	\$1,460.00	\$0.00	-100.00%
13	1302	2	2130287	W0210	Trade Shows	\$2,000.00	\$0.00	\$2,000.00	\$0.00	\$0.00	
13	1302	2	2130287	W0211	Pioneer Pathways	\$4,500.00	\$0.00	\$4,500.00	\$4,500.00	\$3,500.00	-22.22%
13	1302	2	2130287	W0212	Eastern Wheatbelt Holiday Planner	\$35,000.00	\$0.00	\$35,000.00	\$14,585.00	\$1,749.11	-88.01%
13	1302	2	2130287	W0213	Central Wheatbelt Map	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	2	2130287	W0214	Training Opportunities	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
13	1302	2	2130287	W0216	Merredin Brochure	\$7,000.00	\$0.00	\$7,000.00	\$2,915.00	\$1,765.91	-39.42%
13	1302	2	2130287	W0219	Signage & Marketing Equipment	\$3,500.00	\$0.00	\$3,500.00	\$1,460.00	\$624.00	-57.26%
13	1302	2	2130287	W0220	Hire Bike Mtce	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	2	2130288		TOURISM - Building Operations						
13	1302	2	2130288	BO003	Visitors Centre - Building Operations	\$18,600.00	\$0.00	\$18,600.00	\$7,745.00	\$5,555.83	-28.27%
13	1302	2	2130289		TOURISM - Building Maintenance						
13	1302	2	2130289	BM003	Visitors Centre - Building Maintenance	\$3,600.00	\$1,000.00	\$4,600.00	\$1,915.00	\$2,062.42	7.70%
13	1302	2	2130289	W0230	Buildings Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$402.50	
13	1302	2	2130292		TOURISM - Depreciation	\$17,900.00	\$0.00	\$17,900.00	\$7,460.00	\$7,504.75	0.60%
13	1302	2	2130299		TOURISM - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%
<b>Operating Expenditure Total</b>						<b>\$500,600.00</b>	<b>\$1,000.00</b>	<b>\$501,600.00</b>	<b>\$206,188.00</b>	<b>\$214,299.31</b>	
13	1302	3	3130201		TOURISM - Reimbursements	-\$35,800.00	\$0.00	-\$35,800.00	-\$13,328.00	-\$15,571.40	16.83%
13	1302	3	3130235		TOURISM - Other Income Relating to Tourism & Area Promotion						
13	1302	3	3130235	W0250	Eastern Wheatbelt Holiday Planner	-\$35,000.00	\$0.00	-\$35,000.00	-\$11,666.00	\$0.00	-100.00%
13	1302	3	3130235	W0251	Central Wheatbelt Map	-\$4,000.00	\$0.00	-\$4,000.00	-\$3,335.00	\$0.00	-100.00%
13	1302	3	3130235	W0252	Merredin Brochures	-\$4,000.00	-\$2,220.00	-\$6,220.00	-\$2,595.00	-\$6,220.95	139.73%
13	1302	3	3130235	W0256	Tourism Package Income	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	3	3130235	W0258	Regional Brochure Postage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	3	3130235	W0270	Cwvc Annual Memberships	-\$16,900.00	\$0.00	-\$16,900.00	-\$14,085.00	-\$1,969.99	-86.01%
13	1302	3	3130235	W0271	Consignment Merchandise	-\$12,000.00	\$0.00	-\$12,000.00	-\$7,733.00	-\$4,786.48	-38.10%
13	1302	3	3130235	W0273	Merchandise Income	-\$9,000.00	\$0.00	-\$9,000.00	-\$3,750.00	-\$6,501.18	73.36%
13	1302	3	3130235	W0274	All Other Vc Income	-\$800.00	\$0.00	-\$800.00	-\$335.00	-\$890.99	165.97%
13	1302	3	3130835		OTHER ECON - Other Income	-\$400.00	\$0.00	-\$400.00	-\$170.00	\$0.00	-100.00%
13	1302	3	3130835	CDI006	Christmas/Gala Night	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Income Total</b>						<b>-\$117,900.00</b>	<b>-\$2,220.00</b>	<b>-\$120,120.00</b>	<b>-\$56,997.00</b>	<b>-\$35,940.99</b>	
<b>Tourism And Area Promotion Total</b>						<b>\$382,700.00</b>	<b>-\$1,220.00</b>	<b>\$381,480.00</b>	<b>\$149,191.00</b>	<b>\$178,358.32</b>	
13	1303	2	2130300		BUILD - Employee Costs	\$179,300.00	\$0.00	\$179,300.00	\$74,710.00	\$65,491.73	-12.34%

13	1303	2	2130309	BUILD - Travel & Accommodation	\$1,000.00	\$0.00	\$1,000.00	\$415.00	\$0.00	-100.00%
13	1303	2	2130310	BUILD - Motor Vehicle Expenses	\$7,000.00	\$0.00	\$7,000.00	\$2,915.00	\$845.27	-71.00%
13	1303	2	2130350	BUILD - Contract Building Services	\$10,000.00	\$0.00	\$10,000.00	\$4,165.00	\$3,850.00	-7.56%
13	1303	2	2130387	BUILD - Other Expenses	\$2,500.00	\$0.00	\$2,500.00	\$1,040.00	\$99.90	-90.39%
13	1303	2	2130392	BUILD - Depreciation	\$22,100.00	\$0.00	\$22,100.00	\$9,210.00	\$9,226.21	0.18%
13	1303	2	2130399	BUILD - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$32,415.00	\$29,944.45	-7.62%
<b>Operating Expenditure Total</b>					<b>\$299,700.00</b>	<b>\$0.00</b>	<b>\$299,700.00</b>	<b>\$124,870.00</b>	<b>\$109,457.56</b>	
13	1303	3	3130302	BUILD - Commissions - BSL & CTF	-\$500.00	\$400.00	-\$100.00	-\$40.00	-\$96.14	140.35%
13	1303	3	3130320	BUILD - Fees & Charges (Licences)	-\$7,500.00	\$0.00	-\$7,500.00	-\$3,125.00	-\$4,973.79	59.16%
13	1303	3	3130335	BUILD - Other Income	-\$500.00	\$0.00	-\$500.00	-\$210.00	\$0.00	-100.00%
<b>Operating Income Total</b>					<b>-\$8,500.00</b>	<b>\$400.00</b>	<b>-\$8,100.00</b>	<b>-\$3,375.00</b>	<b>-\$5,069.93</b>	
<b>Building Control Total</b>					<b>\$291,200.00</b>	<b>\$400.00</b>	<b>\$291,600.00</b>	<b>\$121,495.00</b>	<b>\$104,387.63</b>	
13	1308	2	2130800	OTH ECON - Employee Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1308	2	2130810	OTH ECON - Motor Vehicle Expenses	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$0.00	-100.00%
13	1308	2	2130820	OTH ECON - Communication Expenses	\$500.00	\$0.00	\$500.00	\$210.00	\$172.65	-17.79%
13	1308	2	2130865	OTH ECON - Standpipe Maintenance/Operations						
13	1308	2	2130865 W0262	Stand Pipes	\$50,400.00	\$0.00	\$50,400.00	\$21,005.00	\$8,535.97	-59.36%
13	1308	2	2130887	OTH ECON - Other Expenditure						
13	1308	2	2130887 CD001	Community Development Events	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1308	2	2130887 CD004	Community Development Events	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1308	2	2130887 CD006	Christmas / Gala Night	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1308	2	2130899	OTH ECON - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$43,210.00	\$39,925.92	-7.60%
<b>Operating Expenditure Total</b>					<b>\$156,600.00</b>	<b>\$0.00</b>	<b>\$156,600.00</b>	<b>\$65,260.00</b>	<b>\$48,634.54</b>	
13	1308	3	3130821	OTH ECON - Standpipe Income	-\$8,500.00	\$0.00	-\$8,500.00	-\$3,540.00	-\$12.82	-99.64%
13	1302	3	3130835 CDI034	Events Trailer Hire	-\$400.00	\$0.00	-\$400.00	-\$170.00	-\$54.55	-67.91%
<b>Operating Income Total</b>					<b>-\$8,900.00</b>	<b>\$0.00</b>	<b>-\$8,900.00</b>	<b>-\$3,710.00</b>	<b>-\$67.37</b>	
13	1308	4	4130890	OTH ECON - Infrastructure Other (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Other Economic Services Total</b>					<b>\$147,700.00</b>	<b>\$0.00</b>	<b>\$147,700.00</b>	<b>\$61,550.00</b>	<b>\$48,567.17</b>	
<b>Economic Services Total</b>					<b>\$821,600.00</b>	<b>-\$820.00</b>	<b>\$820,780.00</b>	<b>\$332,236.00</b>	<b>\$331,313.12</b>	
14	1401	2	2140187	PRIVATE - Other Expenses						
14	1401	2	2140187 PW000	Private Works General (Budgeting Only)	\$13,200.00	\$0.00	\$13,200.00	\$5,500.00	\$498.21	-90.94%
<b>Operating Expenditure Total</b>					<b>\$13,200.00</b>	<b>\$0.00</b>	<b>\$13,200.00</b>	<b>\$5,500.00</b>	<b>\$498.21</b>	
14	1401	3	3140120	PRIVATE - Private Works Income	-\$13,200.00	\$0.00	-\$13,200.00	-\$5,500.00	-\$4,913.65	-10.66%
<b>Operating Income Total</b>					<b>-\$13,200.00</b>	<b>\$0.00</b>	<b>-\$13,200.00</b>	<b>-\$5,500.00</b>	<b>-\$4,913.65</b>	
<b>Private Works Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$4,415.44</b>	
14	1402	2	2140200	ADMIN - Employee Costs	\$1,672,100.00	\$45,000.00	\$1,717,100.00	\$737,710.00	\$637,262.87	-13.62%
14	1402	2	2140203	ADMIN - Uniforms	\$8,000.00	\$0.00	\$8,000.00	\$3,335.00	\$1,572.46	-52.85%
14	1402	2	2140204	ADMIN - Training & Development	\$65,000.00	\$0.00	\$65,000.00	\$27,085.00	\$21,348.59	-21.18%
14	1402	2	2140206	ADMIN - Fringe Benefits Tax (FBT)	\$75,000.00	\$0.00	\$75,000.00	\$37,500.00	\$25,339.00	-32.43%
14	1402	2	2140210	ADMIN - Motor Vehicle Expenses	\$38,000.00	\$0.00	\$38,000.00	\$15,835.00	\$10,484.59	-33.79%
14	1402	2	2140215	ADMIN - Printing and Stationery	\$23,000.00	\$0.00	\$23,000.00	\$9,585.00	\$9,545.73	-0.41%

14	1402	2	2140216	ADMIN - Postage and Freight	\$8,000.00	\$0.00	\$8,000.00	\$3,335.00	\$3,734.28	11.97%
14	1402	2	2140220	ADMIN - Communication Expenses	\$16,500.00	\$0.00	\$16,500.00	\$6,875.00	\$4,695.99	-31.69%
14	1402	2	2140221	ADMIN - Information Technology						
14	1402	2	2140221	W0060 Corporate Business System	\$65,000.00	\$0.00	\$65,000.00	\$27,085.00	\$58,027.37	114.24%
14	1402	2	2140221	W0061 3Rd Party Mtce Agreements	\$70,000.00	\$10,000.00	\$80,000.00	\$33,335.00	\$34,920.00	4.75%
14	1402	2	2140221	W0062 Other Computer Software Expenses	\$90,100.00	\$0.00	\$90,100.00	\$37,540.00	\$36,371.27	-3.11%
14	1402	2	2140221	W0066 It Equipment	\$40,000.00	\$0.00	\$40,000.00	\$16,665.00	\$13,115.43	-21.30%
14	1402	2	2140222	ADMIN - Security	\$1,000.00	\$0.00	\$1,000.00	\$500.00	\$225.00	-55.00%
14	1402	2	2140223	ADMIN - Equipment and Furniture (Op)	\$10,000.00	\$0.00	\$10,000.00	\$4,165.00	\$0.00	-100.00%
14	1402	2	2140225	ADMIN - WHS	\$10,000.00	\$2,500.00	\$12,500.00	\$5,205.00	\$410.64	-92.11%
14	1402	2	2140226	ADMIN - Office Equipment Mtce	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$0.00	-100.00%
14	1402	2	2140230	ADMIN - Insurance Expenses (Other than Bldg and W/Con	\$93,000.00	\$0.00	\$93,000.00	\$93,000.00	\$75,209.82	-19.13%
14	1402	2	2140240	ADMIN - Advertising and Promotion	\$14,000.00	\$0.00	\$14,000.00	\$5,835.00	\$3,926.78	-32.70%
14	1402	2	2140242	ADMIN - Long Service Leave	\$0.00	\$16,000.00	\$16,000.00	\$6,665.00	\$16,557.68	148.43%
14	1402	2	2140252	ADMIN - Consultants	\$33,000.00	\$25,000.00	\$58,000.00	\$24,165.00	\$19,832.00	-17.93%
14	1402	2	2140265	ADMIN - Grounds Maintenance	\$15,300.00	\$0.00	\$15,300.00	\$6,375.00	\$5,818.64	-8.73%
14	1402	2	2140282	ADMIN - Bad Debts Expense	\$2,000.00	\$0.00	\$2,000.00	\$835.00	\$0.00	-100.00%
14	1402	2	2140284	ADMIN - Audit Fees	\$40,000.00	\$0.00	\$40,000.00	\$16,665.00	\$1,500.00	-91.00%
14	1402	2	2140285	ADMIN - Legal Expenses	\$15,000.00	\$0.00	\$15,000.00	\$6,250.00	\$0.00	-100.00%
14	1402	2	2140286	ADMIN - Expensed Minor Asset Purchases	\$6,700.00	\$0.00	\$6,700.00	\$2,790.00	\$537.26	-80.74%
14	1402	2	2140287	ADMIN - Other Expenses	\$30,000.00	\$0.00	\$30,000.00	\$12,500.00	\$15,287.79	22.30%
14	1402	2	2140288	ADMIN - Building Operations						
14	1402	2	2140288	BO001 Administration Building - Building Operations	\$38,200.00	\$0.00	\$38,200.00	\$15,920.00	\$17,602.51	10.57%
14	1402	2	2140289	ADMIN - Building Maintenance						
14	1402	2	2140289	BM001 Administration Building - Building Maintenance	\$12,000.00	\$0.00	\$12,000.00	\$5,000.00	\$7,597.76	51.96%
14	1402	2	2140292	ADMIN - Depreciation	\$104,400.00	\$0.00	\$104,400.00	\$43,500.00	\$38,273.57	-12.01%
14	1402	2	2140299	ADMIN - Administration Overheads Recovered	-\$2,593,100.00	-\$49,400.00	-\$2,642,500.00	-\$1,101,045.00	-\$998,148.26	-9.35%
<b>Operating Expenditure Total</b>					<b>\$7,200.00</b>	<b>\$49,100.00</b>	<b>\$56,300.00</b>	<b>\$106,295.00</b>	<b>\$61,048.77</b>	
<b>General Administration Overheads Total</b>					<b>\$7,200.00</b>	<b>\$49,100.00</b>	<b>\$56,300.00</b>	<b>\$106,295.00</b>	<b>\$61,048.77</b>	
14	1403	2	2140300	PWO - Employee Costs	\$954,500.00	\$0.00	\$954,500.00	\$415,735.00	\$425,731.57	2.40%
14	1403	2	2140301	PWO - Unrecognised Staff Liabilities	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1403	2	2140303	PWO - Uniforms	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1403	2	2140304	PWO - Training & Development	\$40,000.00	\$0.00	\$40,000.00	\$16,665.00	\$24,279.04	45.69%
14	1403	2	2140305	PWO - Recruitment	\$1,200.00	\$800.00	\$2,000.00	\$835.00	\$1,546.60	85.22%
14	1403	2	2140310	PWO - Motor Vehicle Expenses	\$61,000.00	\$0.00	\$61,000.00	\$25,415.00	\$9,598.21	-62.23%
14	1403	2	2140311	PWO - Consultancy	\$70,000.00	-\$30,000.00	\$40,000.00	\$16,665.00	\$24,467.40	46.82%
14	1403	2	2140315	PWO - Printing and Stationery	\$2,000.00	\$0.00	\$2,000.00	\$830.00	\$1,208.41	45.59%
14	1403	2	2140320	PWO - Communication Expenses	\$1,500.00	\$1,500.00	\$3,000.00	\$1,250.00	\$368.27	-70.54%
14	1403	2	2140323	PWO - Sick Pay	\$44,000.00	\$0.00	\$44,000.00	\$16,925.00	\$11,740.34	-30.63%
14	1403	2	2140324	PWO - Annual Leave	\$111,900.00	\$0.00	\$111,900.00	\$43,040.00	\$47,959.04	11.43%
14	1403	2	2140325	PWO - Public Holidays	\$50,000.00	\$0.00	\$50,000.00	\$20,835.00	\$4,153.80	-80.06%
14	1403	2	2140328	PWO - Supervision	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	



14	1403	2	2140330	PWO - WHS and Toolbox Meetings	\$28,000.00	\$5,000.00	\$33,000.00	\$13,240.00	\$29,237.72	120.83%
14	1403	2	2140341	PWO - Subscriptions & Memberships	\$15,000.00	\$5,000.00	\$20,000.00	\$8,335.00	\$9,737.50	16.83%
14	1403	2	2140365	PWO - Maintenance/Operations	\$4,300.00	\$0.00	\$4,300.00	\$1,790.00	\$0.00	-100.00%
14	1403	2	2140386	PWO - Expensed Minor Asset Purchases	\$2,500.00	\$2,500.00	\$5,000.00	\$2,085.00	\$4,751.68	127.90%
14	1403	2	2140387	PWO - Other Expenses	\$8,500.00	\$0.00	\$8,500.00	\$3,545.00	\$1,848.11	-47.87%
14	1403	2	2140392	PWO - Depreciation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1403	2	2140393	PWO - LESS Allocated to Works (PWO's)	-\$1,799,000.00	\$0.00	-\$1,799,000.00	-\$749,585.00	-\$609,440.06	-18.70%
14	1403	2	2140399	PWO - Administration Allocated	\$415,000.00	\$0.00	\$415,000.00	\$172,915.00	\$159,703.83	-7.64%
<b>Operating Expenditure Total</b>					<b>\$10,400.00</b>	<b>-\$15,200.00</b>	<b>-\$4,800.00</b>	<b>\$10,520.00</b>	<b>\$146,891.46</b>	
14	1403	3	3140301	PWO - Other Reimbursements	-\$100.00	\$0.00	-\$100.00	-\$40.00	\$0.00	-100.00%
<b>Operating Income Total</b>					<b>-\$100.00</b>	<b>\$0.00</b>	<b>-\$100.00</b>	<b>-\$40.00</b>	<b>\$0.00</b>	
<b>Public Works Overheads Total</b>					<b>\$10,300.00</b>	<b>-\$15,200.00</b>	<b>-\$4,900.00</b>	<b>\$10,480.00</b>	<b>\$146,891.46</b>	
14	1404	2	2140400	POC - Internal Plant Repairs - Wages & O/Head	\$106,800.00	\$0.00	\$106,800.00	\$44,500.00	\$9,867.01	-77.83%
14	1404	2	2140411	POC - External Parts & Repairs	\$283,200.00	\$0.00	\$283,200.00	\$118,005.00	\$99,400.18	-15.77%
14	1404	2	2140412	POC - Fuels and Oils	\$200,000.00	\$0.00	\$200,000.00	\$83,335.00	\$98,890.66	18.67%
14	1404	2	2140413	POC - Tyres and Tubes	\$20,000.00	\$0.00	\$20,000.00	\$8,335.00	\$6,050.12	-27.41%
14	1404	2	2140416	POC - Licences/Registrations	\$12,000.00	\$0.00	\$12,000.00	\$5,000.00	\$1,274.40	-74.51%
14	1404	2	2140417	POC - Insurance Expenses	\$30,400.00	\$0.00	\$30,400.00	\$30,400.00	\$28,287.58	-6.95%
14	1404	2	2140418	POC - Expendable Tools / Consumables	\$5,000.00	\$0.00	\$5,000.00	\$2,085.00	\$2,228.90	6.90%
14	1404	2	2140492	POC - Depreciation	\$371,400.00	\$0.00	\$371,400.00	\$154,750.00	\$168,028.68	8.58%
14	1404	2	2140494	POC - LESS Plant Operation Costs Allocated to Works	-\$918,400.00	\$0.00	-\$918,400.00	-\$382,665.00	-\$244,278.31	-36.16%
<b>Operating Expenditure Total</b>					<b>\$110,400.00</b>	<b>\$0.00</b>	<b>\$110,400.00</b>	<b>\$63,745.00</b>	<b>\$169,749.22</b>	
14	1404	3	3140410	POC - Fuel Tax Credits Grant Scheme	-\$23,500.00	\$0.00	-\$23,500.00	-\$9,790.00	-\$12,492.72	27.61%
<b>Operating Income Total</b>					<b>-\$23,500.00</b>	<b>\$0.00</b>	<b>-\$23,500.00</b>	<b>-\$9,790.00</b>	<b>-\$12,492.72</b>	
<b>Plant Operating Costs Total</b>					<b>\$86,900.00</b>	<b>\$0.00</b>	<b>\$86,900.00</b>	<b>\$53,955.00</b>	<b>\$157,256.50</b>	
14	1405	2	2140500	SAL - Gross Salary and Wages	\$4,280,400.00	\$0.00	\$4,280,400.00	\$1,783,500.00	\$0.00	-100.00%
14	1405	2	2140501	SAL - LESS Salaries & Wages Allocated	-\$4,280,400.00	\$0.00	-\$4,280,400.00	-\$1,783,500.00	\$0.00	-100.00%
14	1405	2	2140503	SAL - Workers Compensation Expense	\$6,000.00	\$0.00	\$6,000.00	\$2,500.00	\$28,339.33	1033.57%
14	1405	2	2140505	SAL - Salary Sacrifice	\$27,000.00	\$0.00	\$27,000.00	\$11,250.00	\$10,450.00	-7.11%
<b>Operating Expenditure Total</b>					<b>\$33,000.00</b>	<b>\$0.00</b>	<b>\$33,000.00</b>	<b>\$13,750.00</b>	<b>\$38,789.33</b>	
14	1405	3	3140501	SAL - Reimbursement - Workers Compensation	-\$6,000.00	\$0.00	-\$6,000.00	-\$2,500.00	-\$17,382.08	595.28%
14	1405	3	3140502	SAL - Reimbursement - Parental Leave	\$0.00	\$0.00	\$0.00	\$0.00	-\$14,445.00	
14	1405	3	3140503	SAL - Reimbursement - Salary Sacrifice	-\$27,000.00	\$0.00	-\$27,000.00	-\$11,250.00	-\$10,450.00	-7.11%
<b>Operating Income Total</b>					<b>-\$33,000.00</b>	<b>\$0.00</b>	<b>-\$33,000.00</b>	<b>-\$13,750.00</b>	<b>-\$42,277.08</b>	
<b>Salaries And Wages Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$3,487.75</b>	
14	1407	2	2140760	UNCLASS - Unclassified Expenditure						
14	1407	2	2140760	W0238 Land And Building Operating Ceaca	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1407	2	2140761	UNCLASS - Insurance Expenditure	\$0.00	\$0.00	\$0.00	\$0.00	\$1,375.21	
<b>Operating Expenditure Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,375.21</b>	
14	1407	3	3140736	UNCLASS - Insurance Income	\$0.00	\$0.00	\$0.00	\$0.00	-\$7,601.89	
<b>Operating Income Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$7,601.89</b>	
14	1407	4	4140710	UNCLASS - Buildings (Capital)						

14	1407	4	4140710	W0242	Purchase Of Land	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Capital Expenditure Total</b>						<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Unclassified Total</b>						<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$6,226.68</b>
<b>Other Property &amp; Services Total</b>						<b>\$104,400.00</b>	<b>\$33,900.00</b>	<b>\$138,300.00</b>	<b>\$170,730.00</b>	<b>\$351,066.86</b>
<b>Grand Total</b>						<b>\$8,685,697.00</b>	<b>\$212,843.00</b>	<b>\$8,898,540.00</b>	<b>-\$244,775.00</b>	<b>-\$890,898.01</b>





### Shire of Merredin Monthly Investment Report

**For the period ending: 30th November 2023**

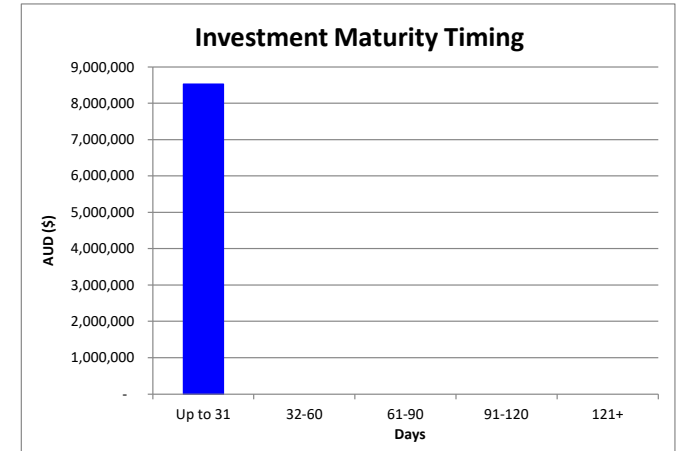
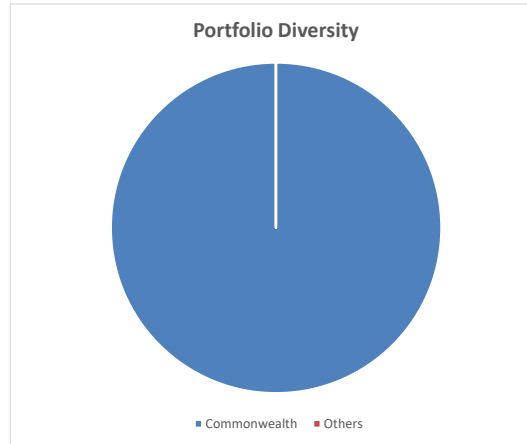
**Compliance**

The Investments outlined below have been undertaken in accordance with the Council adopted Policy


Deposit Ref	Deposit Date	Institution	Term (Days)	Maturity Date	Invested Interest rates	Expected Interest	Amount Invested (Days)					Total
							Up to 31	32-60	61-90	91-120	121+	
<b>General Municipal</b>												
Comm On Call	30/11/2023	Commonwealth	0	At Call	0.25%	-	1,463,579					1,463,579
												-
						<b>Subtotal</b>	<b>1,463,579</b>	-	-	-	-	<b>1,463,579</b>
<b>Cash Backed Reserves</b>												
Reserves	30/11/2023	Commonwealth		At Call	3.25%	-	7,064,393					7,064,393
												-
						<b>Subtotal</b>	<b>7,064,393</b>	-	-	-	-	<b>7,064,393</b>
						<b>Subtotal</b>	-	-	-	-	-	-
						<b>Total Funds Invested</b>	<b>8,527,972</b>	-	-	-	-	<b>8,527,972</b>

Interest on Investments		
Annual Budget	Year to Date Budget	Year to Date Actual
80,000	33,335	65,037
190,000	79,165	88,520
		0
<b>270,000</b>	<b>112,500</b>	<b>153,557</b>

Deposit Ref	Deposit Date	Term (Days)	Invested Interest rates	Maturity Date	Amount Invested	Percentage of Portfolio
<b>Commonwealth</b>						
Comm On Call	30/11/2023	0	0.25%	At Call	1,463,579	
Reserves	30/11/2023	0	3.25%	At Call	7,064,393	
				<b>Subtotal</b>	<b>8,527,972</b>	<b>100.00%</b>
<b>Others</b>						
				<b>Subtotal</b>	-	<b>0.00%</b>
<b>Others</b>						
				<b>Subtotal</b>	-	<b>0.00%</b>
				<b>Total Funds Invested</b>	<b>8,527,972</b>	<b>100.00%</b>



## 14.2 Statement of Financial Activity – December 2023

<h1>Corporate Services</h1> 	
<b>Responsible Officer:</b>	Leah Boehme, EMCS
<b>Author:</b>	As above
<b>Legislation:</b>	<i>Local Government Act 1995</i> <i>Local Government (Financial Management) Regulations 1996</i>
<b>File Reference:</b>	Nil
<b>Disclosure of Interest:</b>	Nil
<b>Attachments:</b>	Attachment 14.2A – Statement of Financial Activity Attachment 14.2B – Detailed Statements Attachment 14.2C – Capital Works Progress Attachment 14.2D – Investment Report

### Purpose of Report

Executive Decision

Legislative Requirement

For Council to receive the Statements of Financial Activity and Investment Report for the month of December 2023, and be advised of associated financial matters.

### Background

The Statement of Financial Activity, Detailed Statements, Capital Works Progress and Investment Report are attached for Council's information.

### Comment

#### Statement of Financial Activity

Regulation 34 of the *Local Government (Financial Management) Regulations 1996* requires the Shire of Merredin (the Shire) to prepare a monthly statement of financial activity for consideration by Council within two (2) months after the end of the month of the report. These reports are included at Attachments 14.2A to D inclusive.

### Policy Implications

Nil

### Statutory Implications

As outlined in the *Local Government Act 1995* and the *Local Government (Financial Management) Regulations 1996*.

### Strategic Implications

∅ Strategic Community Plan

Theme: 4. Communication and Leadership  
Service Area Objective: 4.2.2 The Shire is progressive while exercising responsible stewardship of its built, natural and financial resources  
Priorities and Strategies for Change: Nil

### Sustainability Implications

∅ Strategic Resource Plan

Compliance with the *Local Government (Administration) Regulations 1996* and to also give Council some direction regarding its management of finance over an extended period of time.

### Risk Implications

The Statement of Financial Activity is presented monthly and provides a retrospective picture of the activities at the Shire. Contained within the report is information pertaining to the financial cost and delivery of strategic initiatives and key projects.

To mitigate the risk of budget over-runs or non-delivery of projects, the Chief Executive Officer (CEO) has implemented internal control measures such as regular Council and management reporting and a quarterly process to monitor financial performance against budget estimates.

Materiality reporting thresholds have been established at half the adopted Council levels, which equate to \$10,000 for operating budget line items and \$10,000 for capital items, to alert management prior to there being irreversible impacts.

It should also be noted that there is an inherent level of risk of misrepresentation of the financials through either human error or potential fraud.

The establishment of control measures through a series of efficient systems, policies and procedures, which fall under the responsibility of the CEO as laid out in the *Local Government (Financial Management Regulations) 1996* regulation 5, seek to mitigate the possibility of this occurring.

These controls are set in place to provide daily, weekly, and monthly checks to ensure that the integrity of the data provided is reasonably assured.

### Financial Implications

The adoption on the Statements of Financial Activity is retrospective. Accordingly, the financial implications associated with adopting this are nil.

### Voting Requirements



Simple Majority



Absolute Majority

### Resolution

**Moved: Cr McKenzie**

**Seconded: Cr Simmonds**

**83315**

**That Council RECEIVE the Statements of Financial Activity and Investment Report for the period ending 31 December 2023 in accordance with Regulation 34 of the Local Government (Financial Management) Regulations 1996.**

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*



**SHIRE OF MERREDIN**

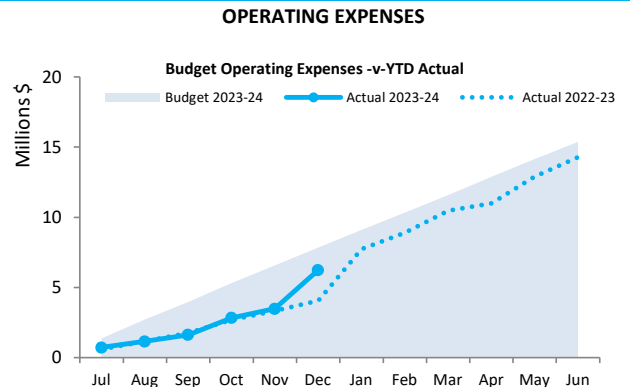
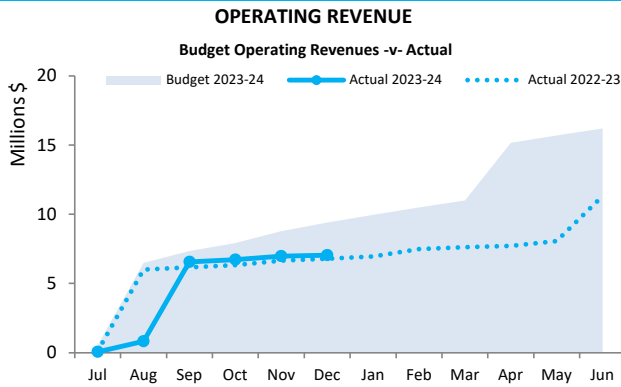
**MONTHLY FINANCIAL REPORT**  
**(Containing the Statement of Financial Activity)**  
**For the period ending 31 December 2023**

*LOCAL GOVERNMENT ACT 1995*  
*LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996*

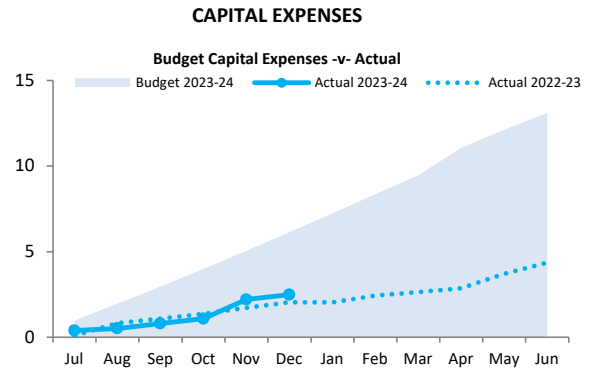
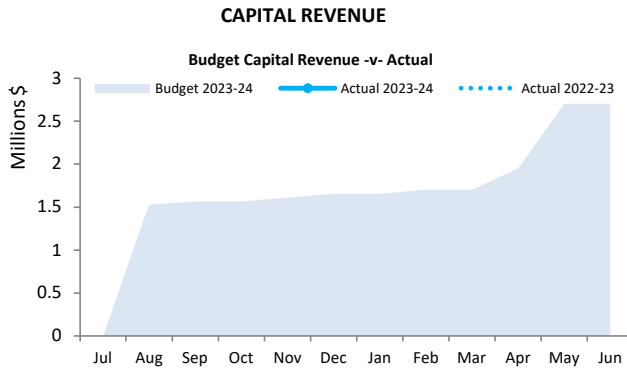
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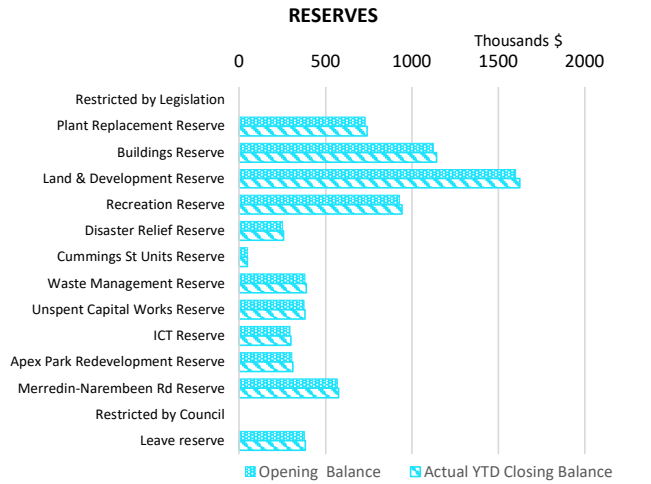
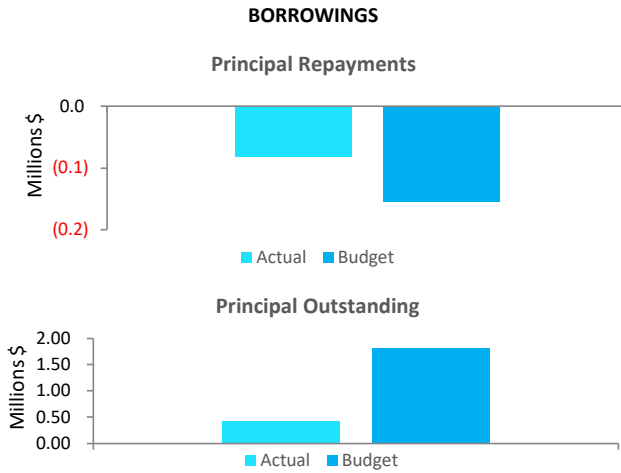
**OPERATING ACTIVITIES**



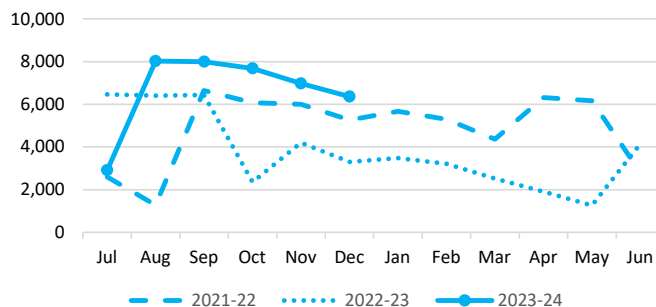
**INVESTING ACTIVITIES**



**FINANCING ACTIVITIES**



**Closing funding surplus / (deficit)**



This information is to be read in conjunction with the accompanying Financial Statements and Notes.

Funding surplus / (deficit) Components

Funding surplus / (deficit)				
	Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
Opening	\$3.93 M	\$3.93 M	\$3.93 M	\$0.00 M
Closing	\$0.01 M	\$5.12 M	\$6.35 M	\$1.23 M

Refer to Statement of Financial Activity

Cash and cash equivalents		
	\$12.61 M	% of total
Unrestricted Cash	\$5.52 M	43.8%
Restricted Cash	\$7.09 M	56.2%

Refer to Note 2 - Cash and Financial Assets

Payables		
	\$0.43 M	% Outstanding
Trade Payables	\$0.16 M	
0 to 30 Days		98.9%
Over 30 Days		1.1%
Over 90 Days		0%

Refer to Note 5 - Payables

Receivables		
	\$1.80 M	% Collected
Rates Receivable	\$1.55 M	74.4%
Trade Receivable	\$1.80 M	% Outstanding
Over 30 Days		36.5%
Over 90 Days		1.9%

Refer to Note 3 - Receivables

Key Operating Activities

Amount attributable to operating activities			
Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
(\$2.20 M)	\$1.46 M	\$2.96 M	\$1.50 M

Refer to Statement of Financial Activity

Rates Revenue		
YTD Actual	\$5.30 M	% Variance
YTD Budget	\$5.25 M	1.0%

Refer to Statement of Financial Activity

Operating Grants and Contributions		
YTD Actual	\$0.64 M	% Variance
YTD Budget	\$0.53 M	20.2%

Refer to Note 11 - Operating Grants and Contributions

Fees and Charges		
YTD Actual	\$0.77 M	% Variance
YTD Budget	\$0.66 M	17.1%

Refer to Statement of Financial Activity

Key Investing Activities

Amount attributable to investing activities			
Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
(\$3.99 M)	(\$2.54 M)	(\$0.35 M)	\$2.19 M

Refer to Statement of Financial Activity

Proceeds on sale		
YTD Actual	\$0.00 M	%
Adopted Budget	\$0.21 M	(100.0%)

Refer to Note 6 - Disposal of Assets

Asset Acquisition		
YTD Actual	\$2.48 M	% Spent
Adopted Budget	\$16.20 M	(84.7%)

Refer to Note 7 - Capital Acquisitions

Capital Grants		
YTD Actual	\$2.11 M	% Received
Adopted Budget	\$11.96 M	(82.4%)

Refer to Note 7 - Capital Acquisitions

Key Financing Activities

Amount attributable to financing activities			
Adopted Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
\$2.27 M	\$2.27 M	(\$0.19 M)	(\$2.46 M)

Refer to Statement of Financial Activity

Borrowings	
Principal repayments	\$0.08 M
Interest expense	\$0.01 M
Principal due	\$0.43 M

Refer to Note 8 - Borrowings

Reserves	
Reserves balance	\$7.09 M
Interest earned	\$0.11 M

Refer to Note 9 - Cash Reserves

This information is to be read in conjunction with the accompanying Financial Statements and notes.

## KEY TERMS AND DESCRIPTIONS FOR THE PERIOD ENDED 31 DECEMBER 2023

### REVENUE

#### RATES

All rates levied under the *Local Government Act 1995*. Includes general, differential, specified area rates, minimum rates, interim rates, back rates, ex-gratia rates, less discounts and concessions offered. Excludes administration fees, interest on instalments, interest on arrears, service charges and sewerage rates.

#### OPERATING GRANTS, SUBSIDIES AND CONTRIBUTIONS

Refers to all amounts received as grants, subsidies and contributions that are not non-operating grants.

#### NON-OPERATING GRANTS, SUBSIDIES AND CONTRIBUTIONS

Amounts received specifically for the acquisition, construction of new or the upgrading of identifiable non financial assets paid to a local government, irrespective of whether these amounts are received as capital grants, subsidies, contributions or donations.

#### REVENUE FROM CONTRACTS WITH CUSTOMERS

Revenue from contracts with customers is recognised when the local government satisfies its performance obligations under the contract.

#### FEES AND CHARGES

Revenues (other than service charges) from the use of facilities and charges made for local government services, sewerage rates, rentals, hire charges, fee for service, photocopying charges, licences, sale of goods or information, fines, penalties and administration fees. Local governments may wish to disclose more detail such as rubbish collection fees, rental of property, fines and penalties, and other fees and charges.

#### SERVICE CHARGES

Service charges imposed under *Division 6 of Part 6 of the Local Government Act 1995*. *Regulation 54 of the Local Government (Financial Management) Regulations 1996* identifies these as television and radio broadcasting, underground electricity and neighbourhood surveillance services. Exclude rubbish removal charges.

#### INTEREST EARNINGS

Interest and other items of a similar nature received from bank and investment accounts, interest on rate instalments, interest on rate arrears and interest on debtors.

#### OTHER REVENUE / INCOME

Other revenue, which can not be classified under the above headings, includes dividends, discounts, rebates, reimbursements etc.

#### PROFIT ON ASSET DISPOSAL

Excess of assets received over the net book value for assets on their disposal.

## NATURE OR TYPE DESCRIPTIONS

### EXPENSES

#### EMPLOYEE COSTS

All costs associated with the employment of person such as salaries, wages, allowances, benefits such as vehicle and housing, superannuation, employment expenses, removal expenses, relocation expenses, worker's compensation insurance, training costs, conferences, safety expenses, medical examinations, fringe benefit tax, etc.

#### MATERIALS AND CONTRACTS

All expenditures on materials, supplies and contracts not classified under other headings. These include supply of goods and materials, legal expenses, maintenance agreements, communication expenses, advertising expenses, membership, periodicals, publications, hire expenses, rental, postage and freight etc. Local governments may wish to disclose more detail such as contract services, consultancy, information technology, rental or lease expenditures.

#### UTILITIES (GAS, ELECTRICITY, WATER)

Expenditures made to the respective agencies for the provision of power, gas or water. Exclude expenditures incurred for the reinstatement of roadwork on behalf of these agencies.

#### INSURANCE

All insurance other than worker's compensation and health benefit insurance included as a cost of employment.

#### LOSS ON ASSET DISPOSAL

Shortfall between the value of assets received over the net book value for assets on their disposal.

#### DEPRECIATION ON NON-CURRENT ASSETS

Depreciation expense raised on all classes of assets. Excluding Land.

#### INTEREST EXPENSES

Interest and other costs of finance paid, including costs of finance for loan debentures, overdraft accommodation and refinancing expenses.

#### OTHER EXPENDITURE

Statutory fees, taxes, allowance for impairment of assets, member's fees or State taxes. Donations and subsidies made to community groups.

STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 31 DECEMBER 2023

BY NATURE OR TYPE

	Ref	Current	YTD Budget	YTD Actual	Forecast 29 June 2024 Closing	Variance \$	Variance %	Var.
	Note	(a)	(b)	(c)	(a)-(b)+(c)	(c) - (b)	((c) - (b))/(b)	
		\$	\$	\$	\$	\$	%	
<b>Opening funding surplus / (deficit)</b>	1(c)	3,934,246	3,934,246	3,934,246	3,934,246	0	0.00%	
<b>Revenue from operating activities</b>								
Rates		5,298,000	5,245,020	5,298,053	5,351,033	53,033	1.01%	
Operating grants, subsidies and contributions	11	922,100	529,237	635,971	1,028,834	106,734	20.17%	▲
Fees and charges		843,950	658,352	770,615	956,213	112,263	17.05%	▲
Interest earnings		323,700	161,850	229,776	391,626	67,926	41.97%	▲
Other revenue		279,600	166,717	123,528	236,411	(43,189)	(25.91%)	▼
Profit on disposal of assets	6	113,800	56,898	0	56,902	(56,898)	(100.00%)	▼
		<b>7,781,150</b>	<b>6,818,074</b>	<b>7,057,943</b>	<b>8,021,019</b>	<b>239,869</b>	<b>3.52%</b>	
<b>Expenditure from operating activities</b>								
Employee costs		(4,963,260)	(2,677,435)	(2,135,404)	(4,421,229)	542,031	20.24%	▲
Materials and contracts		(3,717,590)	(1,951,915)	(1,406,990)	(3,172,665)	544,925	27.92%	▲
Utility charges		(520,350)	(270,822)	(196,580)	(446,108)	74,242	27.41%	▲
Depreciation on non-current assets		(5,876,500)	(2,938,272)	(2,152,765)	(5,090,993)	785,507	26.73%	▲
Interest expenses		(134,600)	(4,602)	(13,386)	(143,384)	(8,784)	(190.87%)	
Insurance expenses		(271,260)	(258,700)	(240,969)	(253,529)	17,731	6.85%	
Other expenditure		(262,200)	(137,346)	(107,635)	(232,489)	29,711	21.63%	▲
Loss on disposal of assets	6	(11,700)	(5,850)	0	(5,850)	5,850	100.00%	
		<b>(15,757,460)</b>	<b>(8,244,942)</b>	<b>(6,253,729)</b>	<b>(13,766,247)</b>	<b>1,991,213</b>	<b>(24.15%)</b>	
Non-cash amounts excluded from operating activities	1(a)	5,774,400	2,887,224	2,152,765	5,039,941	(734,459)	(25.44%)	▼
<b>Amount attributable to operating activities</b>		<b>(2,201,910)</b>	<b>1,460,356</b>	<b>2,956,979</b>	<b>(705,287)</b>	<b>1,496,623</b>	<b>102.48%</b>	
<b>Investing activities</b>								
Proceeds from non-operating grants, subsidies and contributions	12	11,963,398	3,004,805	2,109,499	11,068,092	(895,306)	(29.80%)	▼
Proceeds from disposal of assets	6	205,900	205,900	0	0	(205,900)	(100.00%)	▼
Proceeds from financial assets at amortised cost - self supporting loans	8	36,800	18,192	18,192	36,800	0	0.00%	
Payments for property, plant and equipment and infrastructure	7	(16,198,028)	(5,772,186)	(2,479,576)	(12,905,418)	3,292,610	57.04%	▲
<b>Amount attributable to investing activities</b>		<b>(3,991,930)</b>	<b>(2,543,289)</b>	<b>(351,885)</b>	<b>(1,800,526)</b>	<b>2,191,404</b>	<b>(86.16%)</b>	
<b>Financing Activities</b>								
Proceeds from new debentures	8	1,480,000	1,480,000	0	0	(1,480,000)	(100.00%)	▼
Transfer from reserves	9	1,339,200	1,339,200	0	0	(1,339,200)	(100.00%)	▼
Repayment of debentures	8	(154,900)	(154,900)	(80,819)	(80,819)	74,081	47.83%	▲
Transfer to reserves	9	(395,900)	(395,900)	(109,955)	(109,955)	285,945	72.23%	▲
<b>Amount attributable to financing activities</b>		<b>2,268,400</b>	<b>2,268,400</b>	<b>(190,774)</b>	<b>(190,774)</b>	<b>(2,459,174)</b>	<b>(108.41%)</b>	
<b>Closing funding surplus / (deficit)</b>	1(c)	<b>8,806</b>	<b>5,119,713</b>	<b>6,348,566</b>	<b>1,237,659</b>	<b>1,228,853</b>	<b>(24.00%)</b>	▲

KEY INFORMATION

▲▼ Indicates a variance between Year to Date (YTD) Budget and YTD Actual data as per the adopted materiality threshold.

Refer to Note 14 for an explanation of the reasons for the variance.

This statement is to be read in conjunction with the accompanying Financial Statements and Notes.

### **BASIS OF PREPARATION**

The financial report has been prepared in accordance with Australian Accounting Standards (as they apply to local governments and not-for-profit entities) and interpretations of the Australian Accounting Standards Board, and the *Local Government Act 1995* and accompanying Regulations.

The *Local Government Act 1995* and accompanying Regulations take precedence over Australian Accounting Standards where they are inconsistent.

The *Local Government (Financial Management) Regulations 1996* specify that vested land is a right-of-use asset to be measured at cost, and is considered a zero cost concessionary lease. All right-of-use assets under zero cost concessionary leases are measured at zero cost rather than at fair value, except for vested improvements on concessionary land leases such as roads, buildings or other infrastructure which continue to be reported at fair value, as opposed to the vested land which is measured at zero cost. The measurement of vested improvements at fair value is a departure from AASB 16 which would have required the Shire to measure any vested improvements at zero cost.

Accounting policies which have been adopted in the preparation of this financial report have been consistently applied unless stated otherwise. Except for cash flow and rate setting information, the financial report has been prepared on the accrual basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and liabilities.

#### **THE LOCAL GOVERNMENT REPORTING ENTITY**

All funds through which the Shire controls resources to carry on its functions have been included in the financial statements forming part of this financial report.

All monies held in the Trust Fund are excluded from the financial statements.

### **SIGNIFICANT ACCOUNTING POLICES**

#### **CRITICAL ACCOUNTING ESTIMATES**

The preparation of a financial report in conformity with Australian Accounting Standards requires management to make judgements, estimates and assumptions that effect the application of policies and reported amounts of assets and liabilities, income and expenses.

The estimates and associated assumptions are based on historical experience and various other factors believed to be reasonable under the circumstances; the results of which form the basis of making the judgements about carrying values of assets and liabilities not readily apparent from other sources. Actual results may differ from these estimates.

The balances, transactions and disclosures impacted by accounting estimates are as follows:

- estimation of fair values of certain financial assets
- estimation of fair values of fixed assets shown at fair value
- impairment of financial assets

#### **GOODS AND SERVICES TAX**

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO). Receivables and payables are stated inclusive of GST receivable or payable. The net amount of GST recoverable from, or payable to, the ATO is included with receivables or payables in the statement of financial position. Cash flows are presented on a gross basis. The GST components of cash flows arising from investing or financing activities which are recoverable from, or payable to, the ATO are presented as operating cash flows.

#### **ROUNDING OFF FIGURES**

All figures shown in this statement are rounded to the nearest dollar.

#### **PREPARATION TIMING AND REVIEW**

Date prepared: All known transactions up to 31 December 2023

(a) Non-cash items excluded from operating activities

The following non-cash revenue and expenditure has been excluded from operating activities within the Statement of Financial Activity in accordance with *Financial Management Regulation 32*.

	Notes	Adopted Budget	YTD Budget (a)	YTD Actual (b)	Forecast 29 June 2024 Closing
		\$	\$	\$	
<b>Non-cash items excluded from operating activities</b>					
<b>Adjustments to operating activities</b>					
Less: Profit on asset disposals	6	(113,800)	(56,898)	0	(56,902)
Add: Loss on asset disposals	6	11,700	5,850	0	5,850
Add: Depreciation on assets		5,876,500	2,938,272	2,152,765	5,090,993
<b>Total non-cash items excluded from operating activities</b>		<b>5,774,400</b>	<b>2,887,224</b>	<b>2,152,765</b>	<b>5,039,941</b>

(b) Adjustments to net current assets in the Statement of Financial Activity

The following current assets and liabilities have been excluded from the net current assets used in the Statement of Financial Activity in accordance with *Financial Management Regulation 32* to agree to the surplus/(deficit) after imposition of general rates.

	Notes	Adopted Budget Opening 30 June 2023	Last Year Closing 30 June 2023	Year to Date 31 December 2023
<b>Adjustments to net current assets</b>				
Less: Reserves - restricted cash	9	(7,013,785)	(6,975,873)	(7,085,828)
Less: - Financial assets at amortised cost - self supporting loans	4	(36,834)	(36,834)	(18,642)
Less: User defined		(755,760)	(755,760)	(755,761)
Add: Borrowings	8	99,461	99,461	18,641
Add: Provisions employee related provisions	10	571,585	571,585	571,585
<b>Total adjustments to net current assets</b>		<b>(7,135,333)</b>	<b>(7,097,421)</b>	<b>(7,270,005)</b>

(c) Net current assets used in the Statement of Financial Activity

**Current assets**

Cash and cash equivalents	2	12,218,595	12,218,595	12,607,285
Rates receivables	3	733,267	733,267	1,546,376
Receivables	3	573,714	573,714	1,795,320
Other current assets	4	253,542	253,542	197,977
<b>Less: Current liabilities</b>		<b>0</b>		
Payables	5	(769,443)	(769,443)	(429,924)
Borrowings	8	(99,461)	(99,461)	(18,641)
Contract liabilities	10	(1,306,962)	(1,306,962)	(1,508,237)
Provisions	10	(571,585)	(571,585)	(571,585)
<b>Less: Total adjustments to net current assets</b>	1(b)	<b>(7,097,421)</b>	<b>(7,097,421)</b>	<b>(7,270,005)</b>
<b>Closing funding surplus / (deficit)</b>		<b>3,934,246</b>	<b>3,934,246</b>	<b>6,348,566</b>

**CURRENT AND NON-CURRENT CLASSIFICATION**

In the determination of whether an asset or liability is current or non-current, consideration is given to the time when each asset or liability is expected to be settled. Unless otherwise stated assets or liabilities are classified as current if expected to be settled within the next 12 months, being the Council's operational cycle.

Description	Classification	Unrestricted	Restricted	Total Cash	Trust	Institution	Interest Rate	Maturity Date
		\$	\$	\$	\$			
Municipal Bank Account		4,053,527		4,053,527				
Petty Cash - Admin		950		950				
Float - MRCLC		3,100		3,100				
Municipal Investment Account		1,463,880		1,463,880				
Reserve Bank Account		0	7,085,828	7,085,828				
<b>Total</b>		<b>5,521,457</b>	<b>7,085,828</b>	<b>12,607,285</b>	<b>0</b>			
<b>Comprising</b>								
Cash and cash equivalents		5,521,457	7,085,828	12,607,285	0			
		<b>5,521,457</b>	<b>7,085,828</b>	<b>12,607,285</b>	<b>0</b>			

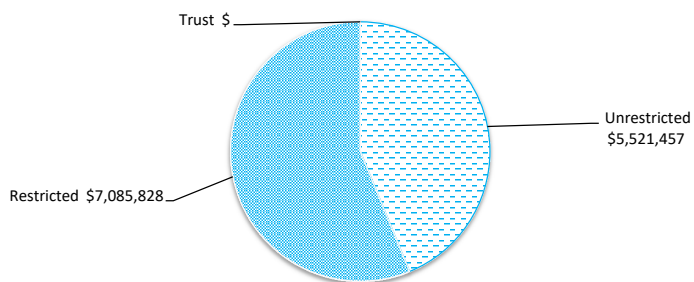
**KEY INFORMATION**

Cash and cash equivalents include cash on hand, cash at bank, deposits available on demand with banks and other short term highly liquid investments with original maturities of three months or less that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value. Bank overdrafts are reported as short term borrowings in current liabilities in the statement of net current assets.

The local government classifies financial assets at amortised cost if both of the following criteria are met:

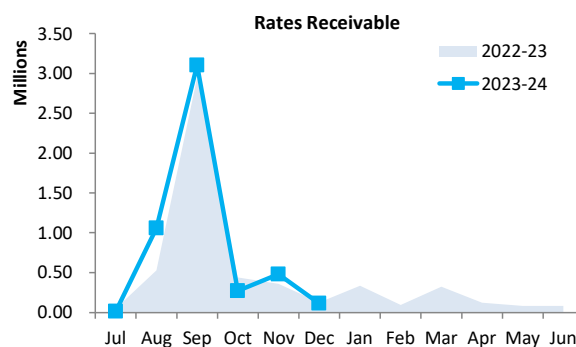
- the asset is held within a business model whose objective is to collect the contractual cashflows, and
- the contractual terms give rise to cash flows that are solely payments of principal and interest.

Financial assets at amortised cost held with registered financial institutions are listed in this note other financial assets at amortised cost are provided in Note 4 - Other assets.





Rates receivable	30 Jun 2023	31 Dec 2023
	\$	\$
Opening arrears previous years	733,267	733,267
Levied this year		5,298,053
Less - collections to date	0	(4,484,944)
<b>Gross rates collectable</b>	<b>733,267</b>	<b>1,546,376</b>
<b>Net rates collectable</b>	<b>733,267</b>	<b>1,546,376</b>
% Collected	0%	74.4%



Receivables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$	\$
Receivables - general	1,368	930,130	501,682	7,960	28,107	1,469,247
Percentage	0.1%	63.3%	34.1%	0.5%	1.9%	
<b>Balance per trial balance</b>						
Sundry receivable						1,469,247
GST receivable						0
Other receivables						21,965
Accrued Income						328,085
Other receivables - Provision for Doubtful Debts						(24,156)
<b>Total receivables general outstanding</b>						<b>1,795,141</b>

Amounts shown above include GST (where applicable)

#### KEY INFORMATION

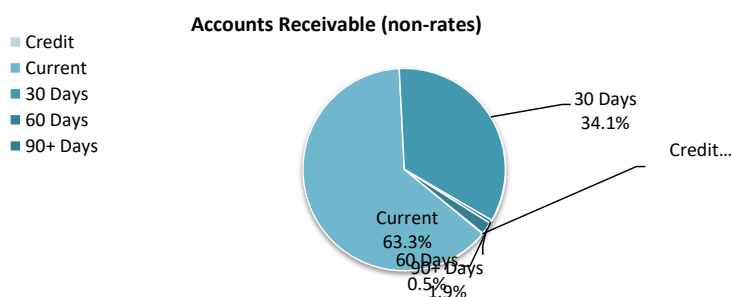
Trade and other receivables include amounts due from ratepayers for unpaid rates and service charges and other amounts due from third parties for goods sold and services performed in the ordinary course of business.

Trade receivables are recognised at original invoice amount less any allowances for uncollectable amounts (i.e. impairment). The carrying amount of net trade receivables is equivalent to fair value as it is due for settlement within 30 days.

#### Classification and subsequent measurement

Receivables which are generally due for settlement within 30 days except rates receivables which are expected to be collected within 12 months are classified as current assets. All other receivables such as, deferred pensioner rates receivable after the end of the reporting period are classified as non-current assets.

Trade and other receivables are held with the objective to collect the contractual cashflows and therefore the Shire measures them subsequently at amortised cost using the effective interest rate method.



Other current assets	Opening Balance 1 July 2023	Asset Increase	Asset Reduction	Closing Balance 31 December 2023
	\$	\$	\$	\$
<b>Other financial assets at amortised cost</b>				
Financial assets at amortised cost - self supporting loans	36,834		(18,192)	18,642
<b>Inventory</b>				
Fuel	32,708	0	(37,373)	(4,665)
<b>Land held for resale</b>				
Cost of acquisition	184,000		0	184,000
<b>Total other current assets</b>	<b>253,542</b>	<b>0</b>	<b>(55,565)</b>	<b>197,977</b>
<b>Amounts shown above include GST (where applicable)</b>				

#### KEY INFORMATION

##### Other financial assets at amortised cost

The Shire classifies financial assets at amortised cost if both of the following criteria are met:

- the asset is held within a business model whose objective is to collect the contractual cashflows, and
- the contractual terms give rise to cash flows that are solely payments of principal and interest.

##### Inventory

Inventories are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale.

##### Land held for resale

Land held for development and resale is valued at the lower of cost and net realisable value. Cost includes the cost of acquisition, development, borrowing costs and holding costs until completion of development.

Borrowing costs and holding charges incurred after development is completed are expensed.

Gains and losses are recognised in profit or loss at the time of signing an unconditional contract of sale if significant risks and rewards, and effective control over the land, are passed onto the buyer at this point.

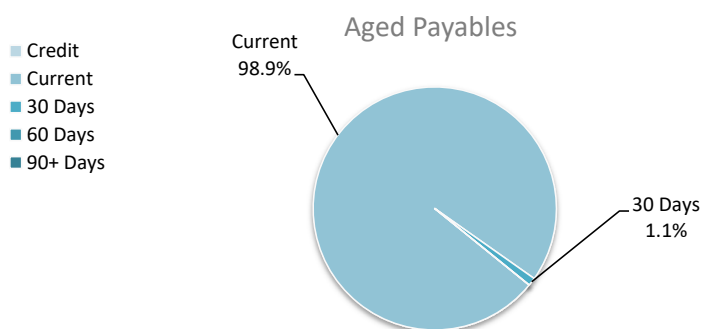
Land held for resale is classified as current except where it is held as non-current based on the Council's intentions to release for sale.

Payables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$	\$
Payables - general	0	101,932	1,091	0	0	103,023
Percentage	0%	98.9%	1.1%	0%	0%	
<b>Balance per trial balance</b>						
Sundry creditors						163,785
Other payables						188,877
Income in Advance						77,262
PAYG						0
<b>Total payables general outstanding</b>						<b>429,924</b>

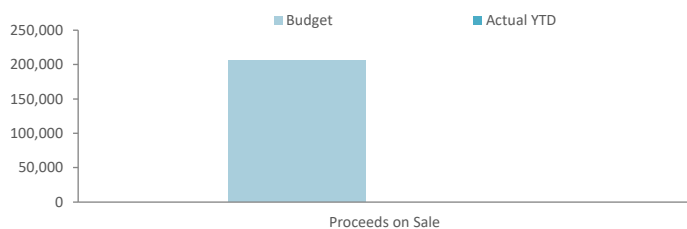
Amounts shown above include GST (where applicable)

**KEY INFORMATION**

Trade and other payables represent liabilities for goods and services provided to the Shire prior to the end of the period that are unpaid and arise when the Shire becomes obliged to make future payments in respect of the purchase of these goods and services. The amounts are unsecured, are recognised as a current liability and are normally paid within 30 days of recognition. The carrying amounts of trade and other payables are considered to be the same as their fair values, due to their short-term nature.



Asset Ref.	Asset description	Budget				YTD Actual			
		Net Book		Profit	(Loss)	Net Book		Profit	(Loss)
		Value	Proceeds			Value	Proceeds		
		\$	\$	\$	\$	\$	\$	\$	
<b>Transport</b>									
617	2020 MITSUBISHI SPORT QF	24,200	43,050	18,850	0				
504	2018 MITSUBISHI ASX LS 2WD	2,900	16,700	13,800	0				
278	805 SQUIRREL SELF PROPELLED ELEVATING PLATFORM	10,200	0	0	(10,200)				
483	KUBOTA RTV-X900W	0	7,500	7,500	0				
193	TRAILER RIGID POLMAC 6 TO 10 TONNE	3,100	5,000	1,900	0				
343	BOMAG BW25RH ROAD ROLLER 2011	8,200	40,000	31,800	0				
505	HAKO CITYMASTER 1600	20,000	18,500	0	(1,500)				
489	2015 HINO 300 SERIES 917 DUMP TRUCK	30,100	43,100	13,000	0				
483	2018 Nissan Navara D23 King Cab 4x2 (Ranger)	2,800	14,950	12,150	0				
506	2019 NISSAN NAVARA TRAY TOP (CONSTRUCTION)	2,300	17,100	14,800	0				
		<b>103,800</b>	<b>205,900</b>	<b>113,800</b>	<b>(11,700)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>



Capital acquisitions	Adopted		YTD Actual	Forecast 30 June Closing	YTD Actual Variance	
	Budget	YTD Budget				
	\$	\$	\$		\$	
Buildings - specialised	512	185,800	15,483	18,252	188,569	2,769
Buildings - non-specialised	514	58,800	29,300	13,356	42,856	(15,944)
Plant and equipment	530	735,600	715,600	282,169	302,169	(433,431)
Infrastructure - roads	540	5,704,000	2,529,900	1,918,446	5,092,546	(611,454)
Infrastructure - Footpaths	560	67,800	33,900	0	33,900	(33,900)
Infrastructure -Drainage	550	70,000	34,998	0	35,002	(34,998)
Infrastructure - Parks & Gardens	570	8,941,528	2,278,005	94,740	6,758,263	(2,183,265)
Infrastructure - Other	590	434,500	135,000	152,613	452,113	17,613
<b>Payments for Capital Acquisitions</b>		<b>16,198,028</b>	<b>5,772,186</b>	<b>2,479,576</b>	<b>12,905,418</b>	<b>(3,292,610)</b>
<b>Capital Acquisitions Funded By:</b>						
	\$	\$	\$		\$	
Capital grants and contributions	11,963,398	3,004,805	2,109,499	11,068,092	(895,306)	
Borrowings	1,480,000	1,480,000	0	0	(1,480,000)	
Other (disposals & C/Fwd)	205,900	205,900	0	0	(205,900)	
Cash backed reserves						
Plant Replacement Reserve	(188,200)		0	(188,200)	0	
Buildings Reserve	(530,000)		0	(530,000)	0	
Waste Management Reserve	(5,000)		0	(5,000)	0	
ICT Reserve	(40,100)		0	(40,100)	0	
Apex Park Redevelopment Reserve	(308,000)		0	(308,000)	0	
Merredin-Narembeen Rd Reserve	(267,900)		0	(267,900)	0	
Contribution - operations	3,887,930	1,081,481	370,077	3,176,526	(711,404)	
<b>Capital funding total</b>	<b>16,198,028</b>	<b>5,772,186</b>	<b>2,479,576</b>	<b>12,905,418</b>	<b>(3,292,610)</b>	

#### SIGNIFICANT ACCOUNTING POLICIES

Each class of fixed assets within either plant and equipment or infrastructure, is carried at cost or fair value as indicated less, where applicable, any accumulated depreciation and impairment losses.

Assets for which the fair value as at the date of acquisition is under \$5,000 are not recognised as an asset in accordance with *Financial Management Regulation 17A (5)*. These assets are expensed immediately.

Where multiple individual low value assets are purchased together as part of a larger asset or collectively forming a larger asset exceeding the threshold, the individual assets are recognised as one asset and capitalised.

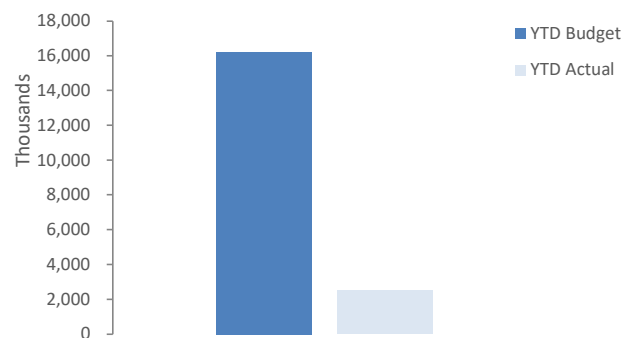
#### Initial recognition and measurement for assets held at cost

Plant and equipment including furniture and equipment is recognised at cost on acquisition in accordance with *Financial Management Regulation 17A*. Where acquired at no cost the asset is initially recognise at fair value. Assets held at cost are depreciated and assessed for impairment annually.

#### Initial recognition and measurement between mandatory revaluation dates for assets held at fair value

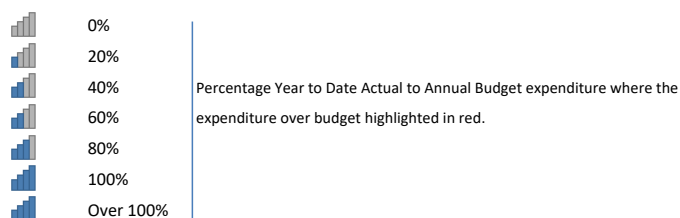
In relation to this initial measurement, cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. For assets acquired at zero cost or otherwise significantly less than fair value, cost is determined as fair value at the date of acquisition. The cost of non-current assets constructed by the Shire includes the cost of all materials used in construction, direct labour on the project and an appropriate proportion of variable and fixed overheads.

Payments for Capital Acquisitions



Capital expenditure total

Level of completion indicators



Level of completion indicator, please see table at the end of this note for further deta

Account Description			Adopted		YTD Actual	Variance (Under)/Over
			Budget	YTD Budget		
			\$	\$	\$	\$
4090210	BC032	OTH HOUSE - Building (Capital)	12,300	12,300	9,590.00	(2,710.00)
4090210	BC033	OTH HOUSE - Building (Capital)	17,000	17,000	-	(17,000.00)
4090210	BC035	OTH HOUSE - Building (Capital)	4,500	0	3,766.00	3,766.00
4090210	BC042	OTH HOUSE - Building (Capital)	25,000	0	-	-
4100110	LC041	SAN - Building (Capital)	15,000	7,500	-	(7,500.00)
4100130		SAN - Plant & Equipment (Capital)	20,000	0	-	-
4100180	LC002	SAN - Infrastructure Other (Capital)	105,000	52,500	34,725.06	(17,774.94)
4100590	EC001	ENVIRON - Infrastructure Other (Capital)	14,500	0	8,940.00	8,940.00
4090210	BC006	ENVIRON - Infrastructure Other (Capital)	8,000	0	12,575.08	12,575.08
4110310	BC085	REC - Other Rec Facilities Building (Capital)	44,400	22,200	5,677.28	(16,522.72)
4110320		REC - Other Rec Facilities Building (Capital)	5,600	0	-	-
4110290	SC041	SWIM AREAS - Infrastructure (Capital)	5,000	2,502	-	(2,502.00)
4110290	SC042	SWIM AREAS - Infrastructure (Capital)	15,000	15,000	11,900.00	(3,100.00)
4110290	SC043	SWIM AREAS - Infrastructure (Capital)	15,000	15,000	11,736.40	(3,263.60)
4110370	PC001	REC - Infrastructure Parks & Gardens (Capital)	4,386,185	0	51,691.05	51,691.05
4110370	PC036	REC - Infrastructure Parks & Gardens (Capital)	370,000	185,001	-	(185,001.00)
4110370	PC037	REC - Infrastructure Parks & Gardens (Capital)	194,000	194,000	-	(194,000.00)
4110370	PC007	REC - Infrastructure Parks & Gardens (Capital)	3,381,343	1,690,671	43,048.96	(1,647,622.04)
4110370	PC041	REC - Infrastructure Parks & Gardens (Capital)	580,000	193,333	-	(193,333.00)
4110370	PC043	REC - Infrastructure Parks & Gardens (Capital)	30,000	15,000	-	(15,000.00)
4110510	BC004	LIBRARY - Library Building (Capital)	21,000	0	-	-
4110610	HC041	HERITAGE - Building (Capital)	40,000	19,998	-	(19,998.00)
4110710	BC002	OTH CUL - Building (Capital)	43,900	21,951	-	(21,951.00)
4110730		OTH CUL - Plant & Equipment (Capital)	6,100	0	6,200.00	6,200.00
4120110		ROADC - Building (Capital)	13,500	0	-	-
4120140	RC401	ROADC - Roads Built Up Area - Council Funded	35,000	0	-	-
4120141	RC239	ROADC - Roads Outside BUA - Sealed - Council Funded	4,293,700	2,146,848	1,777,384.82	(369,463.18)
4120144	R2R000	ROADC - Roads Built Up Area - Roads to Recovery	369,700	351,198	-	(351,198.00)
4120149	RRG001	ROADC - Roads Outside BUA - Sealed - Regional Road Group	81,500	0	-	-
4120149	RRG003	ROADC - Roads Outside BUA - Sealed - Regional Road Group	160,000	0	132,920.00	132,920.00
4120149	RRG072	ROADC - Roads Outside BUA - Sealed - Regional Road Group	162,200	81,102	450.00	(80,652.00)
4120150	RRG090	ROADC - Roads Outside BUA - Gravel - Regional Road Group	566,900	283,452	-	(283,452.00)
4120165	DC142	ROADC - Drainage Built Up Area (Capital)	70,000	34,998	-	(34,998.00)
4120168	KC000	ROADC - Kerbing (Capital)	35,000	0	-	-
4120170	FC000	ROADC - Footpaths and Cycleways (Capital)	67,800	33,900	-	(33,900.00)
4120330		PLANT - Plant & Equipment (Capital)	703,900	314,952	275,968.93	(38,983.07)
4120790	WC002	WATER - Infrastructure Other (Capital)	100,000	49,998	51,071.96	1,073.96
4120790	WC003	MRWN - Upgrade	180,000	0	34,239.50	34,239.50
			<b>16,198,028</b>	<b>5,760,404</b>	<b>2,471,885.04</b>	<b>-3,288,518.96</b>

Repayments - borrowings

Information on borrowings Particulars	Loan No.	1 July 2023	New Loans		Principal Repayments		Principal Outstanding		Interest Repayments	
			Actual	Budget	Actual	Budget	Actual	Budget	Actual	Budget
		\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Education and welfare</b>										
CEACA Contributions	217	262,693			(62,627)	(62,300)	200,066	200,393	(4,137)	(7,800)
<b>Recreation and culture</b>										
CBD Development	219		0	1,480,000		(55,800)	0	1,424,200	0	(33,600)
		262,693	0	1,480,000	(62,627)	-118,100	200,066	1,624,593	-4,137	-41,400
<b>Self supporting loans</b>										
<b>Education and welfare</b>										
Merretville	215	226,758	0	0	(18,192)	(36,800)	226,758	189,958	(5,601)	(10,700)
		226,758	0	0	(18,192)	-36,800	226,758	189,958	(5,601)	(10,700)
<b>Total</b>		489,451	0	1,480,000	(80,819)	-154,900	426,824	1,814,551	(9,738)	(52,100)
Current borrowings		154,900					18,641			
Non-current borrowings		334,551					408,183			
		489,451					426,824			

All debenture repayments were financed by general purpose revenue.

Self supporting loans are financed by repayments from third parties.

The Shire has no unspent debenture funds as at 30th June 2022, nor is it expected to have unspent funds as at 30th June 2023.

**KEY INFORMATION**

Borrowing costs are recognised as an expense when incurred except where they are directly attributable to the acquisition, construction or production of a qualifying asset. Where this is the case, they are capitalised as part of the cost of the particular asset until such time as the asset is substantially ready for its intended use or sale.

Fair values of borrowings are not materially different to their carrying amounts, since the interest payable on those borrowings is either close to current market rates or the borrowings are of a short term nature. Non-current borrowings fair values are based on discounted cash flows using a current borrowing rate.

**KEY INFORMATION**

At inception of a contract, the Shire assesses if the contract contains or is a lease. A contract is or contains a lease, if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. At the commencement date, a right of use asset is recognised at cost and lease liability at the present value of the lease payments that are not paid at that date. The lease payments are discounted using that date. The lease payments are discounted using the interest rate implicit in the lease, if that rate can be readily determined. If that rate cannot be readily determined, the Shire uses its incremental borrowing rate.

All contracts classified as short-term leases (i.e. a lease with a remaining term of 12 months or less) and leases of low value assets are recognised as an operating expense on a straight-line basis over the term of the lease.



NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 31 DECEMBER 2023

OPERATING ACTIVITIES  
NOTE 9  
RESERVE ACCOUNTS

Reserve accounts

Reserve name	Opening Balance	Budget Interest Earned	Actual Interest Earned	Budget Transfers In (+)	Actual Transfers In (+)	Budget Transfers Out (-)	Actual Transfers Out (-)	Budget Closing Balance	Actual YTD Closing Balance
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Restricted by Legislation</b>									
Plant Replacement Reserve	729,127	9,200	11,513	-	-	(188,200)	-	550,127	740,640
Buildings Reserve	1,123,227	31,700	17,736	-	-	(530,000)	-	624,927	1,140,963
Land & Development Reserve	1,600,696	22,900	25,276	-	-	0	-	1,623,596	1,625,972
Recreation Reserve	926,656	13,300	14,632	-	-	0	-	939,956	941,288
Disaster Relief Reserve	251,516	3,500	3,972	-	-	0	-	255,016	255,488
Cummings St Units Reserve	46,410	900	733	-	-	0	-	47,310	47,143
Waste Management Reserve	381,063	5,400	6,017	-	-	(5,000)	-	381,463	387,080
Unspent Capital Works Reserve	374,882	2,900	5,920	-	-	0	-	377,782	380,802
ICT Reserve	293,830	4,700	4,640	-	-	(40,100)	-	258,430	298,470
Apex Park Redevelopment Reserve	304,472	1,600	4,808	-	-	(308,000)	-	(1,928)	309,280
Merredin-Narembeen Rd Reserve	566,931	8,500	8,755	285,900	-	(267,900)	-	593,431	575,686
<b>Restricted by Council</b>									
Leave reserve	377,063	5,400	5,954	-	0	-	0	382,463	383,017
	<b>6,975,873</b>	<b>110,000</b>	<b>109,955</b>	<b>285,900</b>	<b>0</b>	<b>(1,339,200)</b>	<b>0</b>	<b>6,032,573</b>	<b>7,085,828</b>

	Note	Opening Balance 1 July 2023	Liability transferred from/(to) non current	Liability Increase	Liability Reduction	Closing Balance 31 December 2023
		\$		\$	\$	\$
<b>Other current liabilities</b>						
<b>Other liabilities</b>						
- Contract liabilities		1,288,770	0	200,875	0	1,489,645
- Capital grant/contribution liabilities		0	0	0	0	0
- Other liabilities [describe]		18,192	0	400		18,592
<b>Total other liabilities</b>		1,306,962	0	201,275	0	1,508,237
<b>Employee Related Provisions</b>						
Annual leave		329,317	0			329,317
Long service leave		242,268	0			242,268
<b>Total Employee Related Provisions</b>		571,585	0	0	0	571,585
<b>Total Other Provisions</b>		0	0	0	0	0
<b>Total other current assets</b>		1,878,547	0	201,275	0	2,079,822
<b>Amounts shown above include GST (where applicable)</b>						

A breakdown of contract liabilities and associated movements is provided on the following pages at Note 11

#### KEY INFORMATION

##### Provisions

Provisions are recognised when the Shire has a present legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

Provisions are measured using the best estimate of the amounts required to settle the obligation at the end of the reporting period.

##### Employee Related Provisions

###### Short-term employee benefits

Provision is made for the Shire's obligations for short-term employee benefits. Short-term employee benefits are benefits (other than termination benefits) that are expected to be settled wholly before 12 months after the end of the annual reporting period in which the employees render the related service, including wages, salaries and sick leave. Short-term employee benefits are measured at the (undiscounted) amounts expected to be paid when the obligation is settled.

The Shire's obligations for short-term employee benefits such as wages, salaries and sick leave are recognised as a part of current trade and other payables in the calculation of net current assets.

###### Other long-term employee benefits

The Shire's obligations for employees' annual leave and long service leave entitlements are recognised as employee related provisions in the statement of financial position.

Long-term employee benefits are measured at the present value of the expected future payments to be made to employees. Expected future payments incorporate anticipated future wage and salary levels, durations of service and employee departures and are discounted at rates determined by reference to market yields at the end of the reporting period on government bonds that have maturity dates that approximate the terms of the obligations. Any remeasurements for changes in assumptions of obligations for other long-term employee benefits are recognised in profit or loss in the periods in which the changes occur. The Shire's obligations for long-term employee benefits are presented as non-current provisions in its statement of financial position, except where the Shire does not have an unconditional right to defer settlement for at least 12 months after the end of the reporting period, in which case the obligations are presented as current provisions.

##### Contract liabilities

An entity's obligation to transfer goods or services to a customer for which the entity has received consideration (or the amount is due) from the customer.

##### Capital grant/contribution liabilities

Grants to acquire or construct recognisable non-financial assets to identified specifications be constructed to be controlled by the Shire are recognised as a liability until such time as the Shire satisfies its obligations under the agreement.

Provider	Unspent operating grant, subsidies and contributions liability					Operating grants, subsidies and contributions revenue			
	Liability 1 July 2023	Increase in Liability	Decrease in Liability (As revenue)	Liability 31 Dec 2023	Current Liability 31 Dec 2023	Adopted Budget Revenue	YTD Budget	YTD Revenue Actual	Forecast 30 June Closing
	\$	\$	\$	\$	\$	\$	\$	\$	
<b>Operating grants and subsidies</b>									
<b>General purpose funding</b>									
GEN PUR - Financial Assistance Grant - General				0	0	0	82,900	67,915	(14,986)
<b>Law, order, public safety</b>									
ESL BFB - Operating Grant				0	0	69,200	33,678	30,879	66,401
ESL SES - Operating Grant				0	0	14,000	13,398	13,401	14,003
<b>Education and welfare</b>									
SENIORS - Reimbursements				0	0	10,800	5,400	5,601	11,001
WELFARE - Community Development Grants				0	0	19,500	8,508	2,500	13,492
<b>Housing</b>									
OTH HOUSE - Rental Reimbursements				0	0	0	0	15,571	15,571
<b>Recreation and culture</b>									
HALLS - Grants				0	0	0	0	0	0
HERITAGE - Grant	8,000			8,000	0	20,000	20,000	0	0
<b>Transport</b>									
ROADM - Street Lighting Subsidy				0	0	20,900	0	0	20,900
ROADM - Road Contribution Income				0	0	285,900	142,950	195,078	338,028
ROADM - Direct Road Grant (MRWA)				0	0	251,200	128,202	256,337	379,335
<b>Economic services</b>									
TOURISM - Reimbursements				0	0	35,800	16,618	3,401	22,583
TOURISM - Other Income Relating to Tourism & Area Promotion				0	0	43,000	24,615	8,789	27,174
<b>Other property and services</b>									
PWO - Other Reimbursements				0	0	100	48	0	52
SAL - Reimbursement - Parental Leave				0	0	0	0	20,865	20,865
POC - Fuel Tax Credits Grant Scheme				0	0	0	0	15,635	15,635
	8,000	0	0	8,000	0	770,400	529,237	635,971	877,134
<b>TOTALS</b>	8,000	0	0	8,000	0	770,400	529,237	635,971	877,134

Provider	Capital grant/contribution liabilities					Non operating grants, subsidies and contributions revenue			
	Liability 1 July 2023	Increase in Liability	Decrease in Liability (As revenue)	Liability 31 Dec 2023	Current Liability 31 Dec 2023	Adopted Budget Revenue	YTD Budget	YTD Revenue Actual	Forecast 30 June Closing
	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Non-operating grants and subsidies</b>									
<b>Community amenities</b>									
DWER - E-Waste Infrastructure Grants	0			0		75,700	37,848	75,680	113,532
DMIRS - EV Charges				0		7,000	0	0	7,000
<b>Recreation and culture</b>									
REC - Grants - Lotterywest						2,100,061	0	0	2,100,061
REC - Grants - LRCI	573,735			573,735		2,124,067	0	0	2,124,067
REC - Grants - BBRF				0		1,520,400	0	0	1,520,400
REC - Other Capital Contributions				0		574,070	191,357	0	382,713
Audience Development	47,521			47,521				0	0
War Stories Illumination Projections	10,658			10,658				0	0
Heritage Grant	0			0		0		0	0
<b>Transport</b>									
ROADC - Regional Road Group Grants (MRWA)	628,243			628,243		646,900	323,448	269,465	592,917
ROADC - Roads to Recovery Grant				0		693,200	346,602	73,287	419,885
ROADC - Wheatbelt Secondary Freight Network				0		4,032,900	2,016,450	1,661,263	3,677,713
LRCI - Phase 1	14,553			14,553				0	0
WATER - CWSP Grant 1				0		89,100	89,100	19,804	19,804
WATER - CWSP Grant 2				0		100,000	0	10,000	110,000
Vegetation control	6,060			6,060					0
<b>TOTALS</b>	<b>1,280,770</b>	<b>0</b>	<b>0</b>	<b>1,280,770</b>	<b>0</b>	<b>11,963,398</b>	<b>3,004,805</b>	<b>2,109,499</b>	<b>11,068,092</b>

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 31 DECEMBER 2023**

**NOTE 12  
TRUST FUND**

Funds held at balance date which are required by legislation to be credited to the trust fund and which are not included in the financial statements are as follows:

Description	Opening Balance 1 July 2023	Amount Received	Amount Paid	Closing Balance 31 Dec 2023
	\$	\$	\$	\$
	0	0	0	0

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 31 DECEMBER 2023**

**NOTE 13  
BUDGET AMENDMENTS**

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Code	Description	Council Resolution	Classification	Non Cash	Increase in	Decrease in	Amended Budget
				Adjustment	Cash	Available Cash	Running Balance
				\$	\$	\$	\$
	<b>Budget adoption</b>						0
3050610	ESL SES - Operating Grant				12,801		12,801
2050669	ESL SES - Plant & Equipment \$1,200 to \$5,000 per item					(12,801)	0
2050510	ESL BFB - Operating Grant					(3,721)	(3,721)
2050510	ESL BFB - Operating Grant				1,884		(1,837)
2050586	ESL BFB - Plant & Equipment <\$1,200					(4,837)	(6,674)
SC041	Capital Repairs to Pool Bowl					(15,000)	(21,674)
SC043	Capital Repairs to existing filters replacing laterals and filter media				15,000		(6,674)
9673301	Building Reserve					(80,000)	(86,674)
2110354	REC - MRCLC Initial Maintenance and Repairs				80,000		(6,674)
PC041	Water Tower Reimbursements					(228,900)	(235,574)
3110315	REC - Other Capital Contributions				237,670		2,096
3030211	GEN PUR - FAGS Roads Extra Financial Assistance				50,775		52,871
4120330	PLANT - Plant & Equipment (Capital) Trimble Survey Equipment					(49,000)	3,871
Various	Budget Review Amendments - October 2023				4,935		8,806
PC001	Apex Park Revitalisation				2,364,985		2,373,791
FC000	Footpath					(43,000)	2,330,791
KC000	Kerbing Replacement					(15,000)	2,315,791
9673501	Apex Park Reserve					(55,000)	2,260,791
PC036	Visitor Centre (Building Reserve)					(80,000)	2,180,791
3110313	REC - Grants - LRCI Capital					(71,924)	2,108,867
3110310	REC - Grants - Capital					(2,100,061)	8,806
PC007	CBD Redevelopment				330,943		339,749
3110313	REC - Grants - LRCI Capital					(330,943)	8,806
NEW	Liquidity Loan - Interest				80,000		88,806
3030245	GEN PUR - Interest earned - Reserve Funds					(80,000)	8,806
				<b>0</b>	<b>3,178,993</b>	<b>(3,170,187)</b>	

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDED 31 DECEMBER 2023**

**NOTE 14  
EXPLANATION OF MATERIAL VARIANCES**

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date Actual materially.

The material variance adopted by Council for the 2023-24 year is \$10,000 or 10.00% whichever is the greater.

Nature or type	Var. \$	Var. %	Explanation of variances	
			Timing	Permanent
	\$	%		
<b>Revenue from operating activities</b>				
Operating grants, subsidies and contributions	106,734	20.17%	▲ Timing	Timing of Grants received earlier than budgeted.
Fees and charges	112,263	17.05%	▲ Timing	Increase in Shire amenities usage and building services applications
Interest earnings	67,926	41.97%	▲ Timing	Interest Rates have increased
Other revenue	(43,189)	(25.91%)	▼ Timing	Sundry revenue difficult to predict timing.
Profit on disposal of assets	(56,898)	(100.00%)	▼ Timing	Assets not yet disposed
<b>Expenditure from operating activities</b>				
Employee costs	542,031	20.24%	▲ Timing	Staff Vacancy Roles yet to be filled
Materials and contracts	544,925	27.92%	▲ Timing	Expenditure not yet completed.
Utility charges	74,242	27.41%	▲ Timing	Utility costs lower than budgeted. Will be checked at budget review.
Depreciation on non-current assets	785,507	26.73%	▲ Timing	Depreciation lower than budgeted due to asset revals and December Depreciation
Other expenditure	29,711	21.63%	▲ Timing	Timing of other expenditure against budget profile.
Non-cash amounts excluded from operating activities	(734,459)	(25.44%)	▼ Timing	Depreciation lower than budgeted due to asset revals and December Depreciation not yet calculated.
<b>Investing activities</b>				
Proceeds from non-operating grants, subsidies and contributions	(895,306)	(29.80%)	▼ Timing	Grants not yet received reflected in Capital expenditure
Proceeds from disposal of assets	(205,900)	(100.00%)	▼ Timing	Assets not yet disposed
Payments for property, plant and equipment and infrastructure	3,292,610	57.04%	▲ Timing	Capital expenditure not yet completed reflected in grants not yet received.
<b>Financing activities</b>				
Proceeds from new debentures	(1,480,000)	(100.00%)	▼ Timing	Loan not yet drawn down.
Transfer from reserves	(1,339,200)	(100.00%)	▼ Timing	Reserve transfer not yet complete.
Repayment of debentures	74,081	47.83%	▲ Timing	Loan Payment made in July
Transfer to reserves	285,945	72.23%	▲ Timing	Reserve transfer not yet complete.
<b>Closing funding surplus / (deficit)</b>	<b>1,228,853</b>	<b>(24.00%)</b>	<b>▲</b>	

Prog	SP	Type	COA	Job	Description	Original Budget	Budget		YTD Budget	YTD Actual	Variance (%)
							Amendments	Current Budget			
03	0301	2	2030112		RATES - Valuation Expenses	\$50,000.00	\$0.00	\$50,000.00	\$4,998.00	\$506.36	-89.87%
03	0301	2	2030114		RATES - Debt Collection Expenses	\$60,000.00	\$0.00	\$60,000.00	\$30,000.00	\$5,013.50	-83.29%
03	0301	2	2030118		RATES - Rates Write Off	\$80,000.00	\$0.00	\$80,000.00	\$40,002.00	\$4,687.10	-88.28%
03	0301	2	2030185		RATES - Legal Expenses (not recoverable)	\$3,000.00	\$0.00	\$3,000.00	\$3,000.00	\$0.00	-100.00%
03	0301	2	2030199		RATES - Administration Allocated	\$51,900.00	\$0.00	\$51,900.00	\$25,950.00	\$23,385.38	-9.88%
<b>Operating Expenditure Total</b>						<b>\$244,900.00</b>	<b>\$0.00</b>	<b>\$244,900.00</b>	<b>\$103,950.00</b>	<b>\$33,592.34</b>	
03	0301	3	3030120		RATES - Instalment Admin Fee Received	-\$35,500.00	\$0.00	-\$35,500.00	-\$17,748.00	-\$32,743.04	84.49%
03	0301	3	3030121		RATES - Account Enquiry Charges	-\$500.00	\$0.00	-\$500.00	-\$252.00	\$0.00	-100.00%
03	0301	3	3030122		RATES - Reimbursement of Debt Collection Costs	-\$60,000.00	\$0.00	-\$60,000.00	-\$30,000.00	-\$4,433.50	-85.22%
03	0301	3	3030130		RATES - Rates Levied - Synergy	-\$5,215,600.00	-\$3,200.00	-\$5,218,800.00	-\$5,166,612.00	-\$5,218,861.49	1.01%
03	0301	3	3030140		RATES - Ex-Gratia Rates (CBH, etc.)	-\$77,300.00	-\$1,900.00	-\$79,200.00	-\$78,408.00	-\$79,191.36	1.00%
03	0301	3	3030145		RATES - Penalty Interest Received	-\$32,000.00	\$0.00	-\$32,000.00	-\$16,002.00	-\$24,081.75	50.49%
03	0301	3	3030147		RATES - Pensioner Deferred Interest Received	-\$4,000.00	\$0.00	-\$4,000.00	-\$1,998.00	-\$2,843.63	42.32%
<b>Operating Income Total</b>						<b>-\$5,424,900.00</b>	<b>-\$5,100.00</b>	<b>-\$5,430,000.00</b>	<b>-\$5,311,020.00</b>	<b>-\$5,362,154.77</b>	
<b>Rates Total</b>						<b>-\$5,180,000.00</b>	<b>-\$5,100.00</b>	<b>-\$5,185,100.00</b>	<b>-\$5,207,070.00</b>	<b>-\$5,328,562.43</b>	
03	0302	2	2030211		GEN PUR - Bank Fees & Charges	\$1,100.00	\$0.00	\$1,100.00	\$552.00	\$53.33	-90.34%
<b>Operating Expenditure Total</b>						<b>\$1,100.00</b>	<b>\$0.00</b>	<b>\$1,100.00</b>	<b>\$552.00</b>	<b>\$53.33</b>	
03	0302	3	3030210		GEN PUR - Financial Assistance Grant - General	\$0.00	-\$82,900.00	-\$82,900.00	-\$82,900.00	-\$67,914.50	-18.08%
03	0302	3	3030211		GEN PUR - Financial Assistance Grant - Roads	\$0.00	-\$52,920.00	-\$52,920.00	-\$52,920.00	\$0.00	-100.00%
03	0302	3	3030220		GEN PUR - Charges - Photocopying / Faxing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
03	0302	3	3030245		GEN PUR - Interest Earned - Reserve Funds	-\$110,000.00	-\$80,000.00	-\$190,000.00	-\$94,998.00	-\$109,955.26	15.74%
03	0302	3	3030246		GEN PUR - Interest Earned - Municipal Funds	-\$50,000.00	-\$30,000.00	-\$80,000.00	-\$40,002.00	-\$78,404.38	96.00%
03	0302	3	3030291		Gain on FV Valuation of Assets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Income Total</b>						<b>-\$160,000.00</b>	<b>-\$245,820.00</b>	<b>-\$405,820.00</b>	<b>-\$270,820.00</b>	<b>-\$256,274.14</b>	
<b>Other General Purpose Funding Total</b>						<b>-\$158,900.00</b>	<b>-\$245,820.00</b>	<b>-\$404,720.00</b>	<b>-\$270,268.00</b>	<b>-\$256,220.81</b>	
03	0303	4	4030381		INVEST - Transfer to Employee Entitlement Reserve	\$5,400.00	\$0.00	\$5,400.00	\$2,700.00	\$5,954.02	120.52%
03	0303	4	4030383		INVEST - Transfer to Plant Replacement Reserve	\$9,200.00	\$0.00	\$9,200.00	\$4,602.00	\$11,513.31	150.18%
03	0303	4	4030384		INVEST - Transfer to Building Reserve	\$31,700.00	\$0.00	\$31,700.00	\$15,852.00	\$17,736.36	11.89%
03	0303	4	4030385		INVEST - Transfer to Land and Development Reserve	\$22,900.00	\$0.00	\$22,900.00	\$11,448.00	\$25,275.84	120.79%
03	0303	4	4030386		INVEST - Transfer to ICT Reserve	\$4,700.00	\$0.00	\$4,700.00	\$2,352.00	\$4,639.73	97.27%
03	0303	4	4030387		INVEST - Transfer to Disaster Relief Fund Reserve	\$3,500.00	\$0.00	\$3,500.00	\$1,752.00	\$3,971.59	126.69%
03	0303	4	4030389		INVEST - Transfer to Cummings Street Units Reserve	\$900.00	\$0.00	\$900.00	\$450.00	\$732.84	62.85%
03	0303	4	4030390		INVEST - Transfer to Waste Management Reserve	\$5,400.00	\$0.00	\$5,400.00	\$2,700.00	\$6,017.18	122.86%
03	0303	4	4030391		INVEST - Transfer to Unspent Grants Reserve	\$2,900.00	\$0.00	\$2,900.00	\$1,452.00	\$5,919.59	307.69%
03	0303	4	4030393		INVEST - Transfer to Recreation Facilities Reserve	\$13,300.00	\$0.00	\$13,300.00	\$6,648.00	\$14,632.39	120.10%
03	0303	4	4030394		INVEST - Transfer to Apex Park Redevelopment Reserve	\$1,600.00	\$0.00	\$1,600.00	\$798.00	\$4,807.77	502.48%
03	0303	4	4030395		INVEST - Transfer to Merredin-Naremben Road	\$8,500.00	\$285,900.00	\$294,400.00	\$147,198.00	\$8,754.64	-94.05%
<b>Capital Expenditure Total</b>						<b>\$110,000.00</b>	<b>\$285,900.00</b>	<b>\$395,900.00</b>	<b>\$197,952.00</b>	<b>\$109,955.26</b>	
03	0303	5	5030383		INVEST - Transfer from Plant Replacement Reserve	-\$188,200.00	\$0.00	-\$188,200.00	-\$94,100.00	\$0.00	-100.00%



03	0303	5	5030384	INVEST - Transfer from Building Reserve	-\$450,000.00	-\$80,000.00	-\$530,000.00	-\$530,000.00	\$0.00	-100.00%
03	0303	5	5030386	INVEST - Transfer from ICT Reserve	-\$40,100.00	\$0.00	-\$40,100.00	-\$40,100.00	\$0.00	-100.00%
03	0303	5	5030389	INVEST - Transfer from Cummings Street Units Reserve	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
03	0303	5	5030390	INVEST - Transfer from Waste Management Reserve	-\$5,000.00	\$0.00	-\$5,000.00	-\$5,000.00	\$0.00	-100.00%
03	0303	5	5030394	INVEST - Transfer from Apex Park Redevelopment Reserve	-\$253,000.00	-\$55,000.00	-\$308,000.00	\$0.00	\$0.00	
03	0303	5	5030395	INVEST - Transfer from Merredin/Narambeen Road Reser	-\$245,800.00	-\$22,100.00	-\$267,900.00	\$0.00	\$0.00	
<b>Capital Income Total</b>					<b>-\$1,182,100.00</b>	<b>-\$157,100.00</b>	<b>-\$1,339,200.00</b>	<b>-\$669,200.00</b>	<b>\$0.00</b>	
<b>Reserve Transfers Total</b>					<b>-\$1,072,100.00</b>	<b>\$128,800.00</b>	<b>-\$943,300.00</b>	<b>-\$471,248.00</b>	<b>\$109,955.26</b>	
<b>General Purpose Funding Total</b>					<b>-\$6,411,000.00</b>	<b>-\$122,120.00</b>	<b>-\$6,533,120.00</b>	<b>-\$5,948,586.00</b>	<b>-\$5,474,827.98</b>	
04	0401	2	2040104	MEMBERS - Training & Development	\$45,000.00	\$0.00	\$45,000.00	\$22,500.00	\$15,019.30	-33.25%
04	0401	2	2040109	MEMBERS - Members Travel and Accommodation	\$20,000.00	\$0.00	\$20,000.00	\$9,996.00	\$3,927.76	-60.71%
04	0401	2	2040111	MEMBERS - Mayors/Presidents Allowance	\$13,600.00	\$0.00	\$13,600.00	\$6,800.00	\$6,805.00	0.07%
04	0401	2	2040112	MEMBERS - Deputy Mayors/Presidents Allowance	\$3,400.00	\$0.00	\$3,400.00	\$1,700.00	\$1,700.00	0.00%
04	0401	2	2040113	MEMBERS - Members Sitting Fees	\$65,400.00	\$0.00	\$65,400.00	\$32,700.00	\$30,966.94	-5.30%
04	0401	2	2040114	MEMBERS - Communications Allowance	\$2,500.00	\$0.00	\$2,500.00	\$1,248.00	\$656.00	-47.44%
04	0401	2	2040116	MEMBERS - Election Expenses	\$24,500.00	\$22,000.00	\$46,500.00	\$46,500.00	\$715.24	-98.46%
04	0401	2	2040129	MEMBERS - Donations to Community Groups	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
04	0401	2	2040141	MEMBERS - Subscriptions & Publications	\$85,000.00	\$0.00	\$85,000.00	\$85,000.00	\$64,526.28	-24.09%
04	0401	2	2040186	MEMBERS - Expensed Minor Asset Purchases	\$8,000.00	\$0.00	\$8,000.00	\$4,002.00	\$0.00	-100.00%
04	0401	2	2040187	MEMBERS - Other Expenses	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$420.92	-83.18%
04	0401	2	2040188	MEMBERS - Chambers Operating Expenses	\$800.00	\$0.00	\$800.00	\$402.00	\$0.00	-100.00%
04	0401	2	2040189	MEMBERS - Chambers Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
04	0401	2	2040190	MEMBERS - Minute Binding/Record keeping	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$0.00	-100.00%
<b>Operating Expenditure Total</b>					<b>\$279,200.00</b>	<b>\$22,000.00</b>	<b>\$301,200.00</b>	<b>\$216,350.00</b>	<b>\$124,737.44</b>	
<b>Members Of Council Total</b>					<b>\$279,200.00</b>	<b>\$22,000.00</b>	<b>\$301,200.00</b>	<b>\$216,350.00</b>	<b>\$124,737.44</b>	
04	0402	2	2040211	OTH GOV - Civic Functions, Refreshments & Receptions	\$23,000.00	\$0.00	\$23,000.00	\$11,502.00	\$4,831.42	-57.99%
04	0402	2	2040215	OTH GOV - Printing and Stationery	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
04	0402	2	2040223	OTH GOV - LGIS Risk Expenditure	\$15,200.00	\$0.00	\$15,200.00	\$7,602.00	\$7,589.81	-0.16%
04	0402	2	2040251	OTH GOV - Consultancy - Strategic	\$172,297.00	-\$19,997.00	\$152,300.00	\$76,152.00	\$8,280.00	-89.13%
04	0402	2	2040265	OTH GOV - Maintenance/Operations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
04	0402	2	2040286	OTH GOV - Expensed Minor Asset Purchases	\$10,000.00	\$0.00	\$10,000.00	\$4,998.00	\$290.00	-94.20%
04	0402	2	2040299	OTH GOV - Administration Allocated	\$414,900.00	\$49,500.00	\$464,400.00	\$232,200.00	\$187,083.09	-19.43%
<b>Operating Expenditure Total</b>					<b>\$635,397.00</b>	<b>\$29,503.00</b>	<b>\$664,900.00</b>	<b>\$332,454.00</b>	<b>\$208,074.32</b>	
04	0402	3	3040220	OTH GOV - Fees & Charges	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
04	0402	3	3040235	OTH GOV - Other Income	-\$14,000.00	\$0.00	-\$14,000.00	-\$7,002.00	-\$8,085.39	15.47%
<b>Operating Income Total</b>					<b>-\$14,000.00</b>	<b>\$0.00</b>	<b>-\$14,000.00</b>	<b>-\$7,002.00</b>	<b>-\$8,085.39</b>	
<b>Other Governance Total</b>					<b>\$635,397.00</b>	<b>\$29,503.00</b>	<b>\$664,900.00</b>	<b>\$332,454.00</b>	<b>\$199,988.93</b>	
<b>Governance Total</b>					<b>\$914,597.00</b>	<b>\$51,503.00</b>	<b>\$966,100.00</b>	<b>\$548,804.00</b>	<b>\$324,726.37</b>	
05	0501	2	2050102	FIRE - Honorarium	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00	
05	0501	2	2050120	FIRE - Communication Expenses	\$0.00	\$400.00	\$400.00	\$400.00	\$34.53	-91.37%
05	0501	2	2050130	FIRE - Insurance Expenses	\$1,600.00	\$0.00	\$1,600.00	\$798.00	\$1,500.00	87.97%
05	0501	2	2050165	FIRE - Maintenance/Operations	\$1,500.00	\$0.00	\$1,500.00	\$750.00	\$408.88	-45.48%

05	0501	2	2050185	FIRE - Legal Expenses	\$2,500.00	\$0.00	\$2,500.00	\$1,248.00	\$0.00	-100.00%
05	0501	2	2050187	FIRE - Other Expenditure						
05	0501	2	2050187	W0081 Fire Breaks	\$4,000.00	\$0.00	\$4,000.00	\$1,998.00	\$5,000.00	150.25%
05	0501	2	2050187	W0082 Fire Fightings	\$3,500.00	\$0.00	\$3,500.00	\$1,746.00	\$1,872.98	7.27%
05	0501	2	2050189	FIRE - Building Maintenance						
05	0501	2	2050189	BM070 Bush Fire Sheds Hines Hill - Building Maintenance	\$1,700.00	\$0.00	\$1,700.00	\$852.00	\$147.86	-82.65%
05	0501	2	2050189	BM071 Bush Fire Sheds Muntadgin - Building Maintenance	\$1,700.00	\$0.00	\$1,700.00	\$852.00	\$0.00	-100.00%
05	0501	2	2050192	FIRE - Depreciation	\$11,200.00	\$0.00	\$11,200.00	\$5,604.00	\$4,669.58	-16.67%
05	0501	2	2050199	FIRE - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>					<b>\$132,900.00</b>	<b>\$400.00</b>	<b>\$133,300.00</b>	<b>\$66,100.00</b>	<b>\$60,404.59</b>	
05	0501	3	3050135	FIRE - Other Income	-\$2,500.00	\$500.00	-\$2,000.00	-\$1,002.00	-\$1,949.82	94.59%
<b>Operating Income Total</b>					<b>-\$2,500.00</b>	<b>\$500.00</b>	<b>-\$2,000.00</b>	<b>-\$1,002.00</b>	<b>-\$1,949.82</b>	
<b>Fire Prevention Total</b>					<b>\$128,900.00</b>	<b>\$500.00</b>	<b>\$129,400.00</b>	<b>\$64,698.00</b>	<b>\$58,454.77</b>	
05	0502	2	2050200	ANIMAL - Employee Costs	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
05	0502	2	2050210	ANIMAL - Motor Vehicle Expenses	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
05	0502	2	2050212	ANIMAL - Animal Destruction	\$600.00	\$0.00	\$600.00	\$300.00	\$50.00	-83.33%
05	0502	2	2050216	ANIMAL - Contract Ranger Services	\$120,000.00	\$0.00	\$120,000.00	\$60,000.00	\$53,461.25	-10.90%
05	0502	2	2050220	ANIMAL - Communication Expenses	\$800.00	\$0.00	\$800.00	\$402.00	\$0.00	-100.00%
05	0502	2	2050285	ANIMAL - Legal Expenses	\$500.00	\$0.00	\$500.00	\$252.00	\$531.99	111.11%
05	0502	2	2050286	ANIMAL - Expensed Minor Asset Purchases	\$1,300.00	\$0.00	\$1,300.00	\$648.00	\$0.00	-100.00%
05	0502	2	2050287	ANIMAL - Other Expenditure	\$2,400.00	\$0.00	\$2,400.00	\$1,200.00	\$1,474.62	22.89%
05	0502	2	2050288	ANIMAL - Animal Pound Operations	\$1,000.00	\$500.00	\$1,500.00	\$750.00	\$863.25	15.10%
05	0502	2	2050289	ANIMAL - Animal Pound Maintenance	\$1,000.00	-\$400.00	\$600.00	\$300.00	\$283.41	-5.53%
05	0502	2	2050292	ANIMAL - Depreciation	\$3,100.00	\$0.00	\$3,100.00	\$1,548.00	\$1,287.32	-16.84%
05	0502	2	2050299	ANIMAL - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>					<b>\$235,400.00</b>	<b>\$100.00</b>	<b>\$235,500.00</b>	<b>\$117,750.00</b>	<b>\$104,722.60</b>	
05	0502	3	3050220	ANIMAL - Pound Fees	-\$1,500.00	\$0.00	-\$1,500.00	-\$750.00	-\$1,125.46	50.06%
05	0502	3	3050221	ANIMAL - Animal Registration Fees	-\$6,500.00	\$0.00	-\$6,500.00	-\$3,252.00	-\$3,996.25	22.89%
05	0502	3	3050234	ANIMAL - Other Fees & Charges	-\$200.00	\$0.00	-\$200.00	-\$102.00	-\$50.91	-50.09%
05	0502	3	3050240	ANIMAL - Fines and Penalties	-\$500.00	-\$400.00	-\$900.00	-\$450.00	-\$1,191.80	164.84%
<b>Operating Income Total</b>					<b>-\$8,700.00</b>	<b>-\$400.00</b>	<b>-\$9,100.00</b>	<b>-\$4,554.00</b>	<b>-\$6,364.42</b>	
<b>Animal Control Total</b>					<b>\$226,700.00</b>	<b>-\$300.00</b>	<b>\$226,400.00</b>	<b>\$113,196.00</b>	<b>\$98,358.18</b>	
05	0503	2	2050300	OLOPS - Employee Costs	\$51,400.00	\$0.00	\$51,400.00	\$25,698.00	\$23,496.20	-8.57%
05	0503	2	2050311	OLOPS - CCTV Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$0.00	-100.00%
05	0503	2	2050330	OLOPS - Insurance Expenses	\$1,100.00	\$0.00	\$1,100.00	\$1,100.00	\$0.00	-100.00%
05	0503	2	2050352	OLOPS - Consultants	\$5,000.00	\$0.00	\$5,000.00	\$4,998.00	\$0.00	-100.00%
05	0503	2	2050392	OLOPS - Depreciation	\$5,400.00	\$0.00	\$5,400.00	\$2,700.00	\$2,235.64	-17.20%
05	0503	2	2050399	OLOPS - Administration Allocated	\$51,900.00	\$0.00	\$51,900.00	\$25,950.00	\$23,385.38	-9.88%
<b>Operating Expenditure Total</b>					<b>\$119,800.00</b>	<b>\$0.00</b>	<b>\$119,800.00</b>	<b>\$62,948.00</b>	<b>\$49,117.22</b>	
05	0503	3	3050310	OLOPS - Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Income Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Other Law, Order &amp; Public Safety Total</b>					<b>\$119,800.00</b>	<b>\$0.00</b>	<b>\$119,800.00</b>	<b>\$62,948.00</b>	<b>\$49,117.22</b>	

05	0505	2	2050507	ESL BFB - Clothing & Accessories	\$8,000.00	\$6,000.00	\$14,000.00	\$7,002.00	\$12,797.28	82.77%
05	0505	2	2050530	ESL BFB - Insurance Expenses	\$22,000.00	\$2,000.00	\$24,000.00	\$12,000.00	\$17,980.09	49.83%
05	0505	2	2050565	ESL BFB - Maintenance Plant & Equipment	\$7,000.00	-\$3,500.00	\$3,500.00	\$1,752.00	\$2,051.37	17.09%
05	0505	2	2050566	ESL BFB - Maintenance Vehicles/Trailers/Boats	\$20,000.00	\$0.00	\$20,000.00	\$10,002.00	\$16,624.23	66.21%
05	0505	2	2050569	ESL BFB - Plant & Equipment \$1,200 to \$5,000 per item	\$4,200.00	\$400.00	\$4,600.00	\$2,298.00	\$4,590.00	99.74%
05	0505	2	2050586	ESL BFB - Plant & Equipment < \$1,200 per item	\$3,000.00	\$4,900.00	\$7,900.00	\$3,948.00	\$5,591.96	41.64%
05	0505	2	2050587	ESL BFB - Other Goods and Services	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$454.18	-54.67%
05	0505	2	2050588	ESL BFB - Utilities, Rates & Taxes	\$2,500.00	\$0.00	\$2,500.00	\$1,248.00	\$1,499.81	20.18%
05	0505	2	2050589	ESL BFB - Maintenance Land & Buildings	\$500.00	\$500.00	\$1,000.00	\$0.00	\$862.52	
<b>Operating Expenditure Total</b>					<b>\$69,200.00</b>	<b>\$10,300.00</b>	<b>\$79,500.00</b>	<b>\$39,252.00</b>	<b>\$62,451.44</b>	
05	0505	3	3050502	ESL BFB - Admin Fee/Commissions	-\$4,000.00	\$0.00	-\$4,000.00	-\$4,000.00	-\$4,000.00	0.00%
05	0505	3	3050510	ESL BFB - Operating Grant	-\$69,200.00	\$1,840.00	-\$67,360.00	-\$33,678.00	-\$30,879.00	-8.31%
<b>Operating Income Total</b>					<b>-\$73,200.00</b>	<b>\$1,840.00</b>	<b>-\$71,360.00</b>	<b>-\$37,678.00</b>	<b>-\$34,879.00</b>	
<b>Emergency Services Levy - Bush Fire Brigade Total</b>					<b>-\$4,000.00</b>	<b>\$12,140.00</b>	<b>\$8,140.00</b>	<b>\$1,574.00</b>	<b>\$27,572.44</b>	
05	0506	2	2050630	ESL SES - Insurances	\$1,000.00	\$0.00	\$1,000.00	\$1,000.00	\$0.00	-100.00%
05	0506	2	2050665	ESL SES - Maintenance Plant & Equipment	\$2,200.00	\$0.00	\$2,200.00	\$1,098.00	\$865.88	-21.14%
05	0506	2	2050666	ESL SES - Maintenance Vehicles/Trailers/Boats	\$4,000.00	\$0.00	\$4,000.00	\$1,998.00	\$2,236.20	11.92%
05	0506	2	2050669	ESL SES - Plant & Equipment \$1,200 to \$5,000 per item	\$0.00	\$12,800.00	\$12,800.00	\$6,402.00	\$0.00	-100.00%
05	0506	2	2050686	ESL SES - Plant & Equipment < \$1,200 per item	\$1,100.00	\$0.00	\$1,100.00	\$552.00	\$0.00	-100.00%
05	0506	2	2050687	ESL SES - Other Goods and Services	\$1,200.00	\$0.00	\$1,200.00	\$600.00	\$397.10	-33.82%
05	0506	2	2050688	ESL SES - Utilities, Rates & Taxes	\$4,500.00	\$0.00	\$4,500.00	\$2,250.00	\$1,710.99	-23.96%
05	0506	2	2050689	ESL SES - Maintenance Land & Buildings	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Expenditure Total</b>					<b>\$14,000.00</b>	<b>\$12,800.00</b>	<b>\$26,800.00</b>	<b>\$13,900.00</b>	<b>\$5,210.17</b>	
05	0506	3	3050610	ESL SES - Operating Grant	-\$14,000.00	-\$12,800.00	-\$26,800.00	-\$13,398.00	-\$13,400.50	0.02%
<b>Operating Income Total</b>					<b>-\$14,000.00</b>	<b>-\$12,800.00</b>	<b>-\$26,800.00</b>	<b>-\$13,398.00</b>	<b>-\$13,400.50</b>	
<b>Emergency Services Levy - State Emergency Service Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$502.00</b>	<b>-\$8,190.33</b>	
<b>Law, Order &amp; Public Safety Total</b>					<b>\$471,400.00</b>	<b>\$12,340.00</b>	<b>\$483,740.00</b>	<b>\$242,918.00</b>	<b>\$225,277.75</b>	
07	0704	2	2070400	HEALTH - Employee Costs	\$144,300.00	\$0.00	\$144,300.00	\$73,200.00	\$69,568.48	-4.96%
07	0704	2	2070410	HEALTH - Motor Vehicle Expenses	\$11,000.00	\$0.00	\$11,000.00	\$5,502.00	\$7,642.71	38.91%
07	0704	2	2070412	HEALTH - Analytical Expenses	\$1,500.00	\$0.00	\$1,500.00	\$754.00	\$979.96	29.97%
07	0704	2	2070413	HEALTH - Control Expenses	\$4,000.00	\$1,000.00	\$5,000.00	\$2,502.00	\$3,591.81	43.56%
07	0704	2	2070485	HEALTH - Legal Expenses	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
07	0704	2	2070487	HEALTH - Other Expenses	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
07	0704	2	2070492	HEALTH - Depreciation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
07	0704	2	2070499	HEALTH - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>					<b>\$266,500.00</b>	<b>\$1,000.00</b>	<b>\$267,500.00</b>	<b>\$134,806.00</b>	<b>\$128,553.72</b>	
07	0704	3	3070420	HEALTH - Health Regulatory Fees & Charges	-\$1,500.00	-\$150.00	-\$1,650.00	-\$1,324.00	-\$1,658.21	25.24%
07	0704	3	3070421	HEALTH - Health Regulatory Licenses	-\$9,500.00	\$0.00	-\$9,500.00	-\$4,752.00	-\$10,719.00	125.57%
<b>Operating Income Total</b>					<b>-\$11,000.00</b>	<b>-\$150.00</b>	<b>-\$11,150.00</b>	<b>-\$6,076.00</b>	<b>-\$12,377.21</b>	
<b>Preventative Services - Inspection/Admin Total</b>					<b>\$255,500.00</b>	<b>\$850.00</b>	<b>\$256,350.00</b>	<b>\$128,730.00</b>	<b>\$116,176.51</b>	
07	0705	2	2070553	PEST - Pest Control Programs	\$30,000.00	\$0.00	\$30,000.00	\$15,003.00	\$2,195.11	-85.37%
<b>Operating Expenditure Total</b>					<b>\$30,000.00</b>	<b>\$0.00</b>	<b>\$30,000.00</b>	<b>\$15,003.00</b>	<b>\$2,195.11</b>	

<b>Preventative Services - Pest Control Total</b>				<b>\$30,000.00</b>	<b>\$0.00</b>	<b>\$30,000.00</b>	<b>\$15,003.00</b>	<b>\$2,195.11</b>		
07	0706	2	2070687	PREV OTH - Other Expense	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
<b>Operating Expenditure Total</b>				<b>\$1,000.00</b>	<b>\$0.00</b>	<b>\$1,000.00</b>	<b>\$498.00</b>	<b>\$0.00</b>		
<b>Preventative Services - Other Total</b>				<b>\$1,000.00</b>	<b>\$0.00</b>	<b>\$1,000.00</b>	<b>\$498.00</b>	<b>\$0.00</b>		
<b>Health Total</b>				<b>\$286,500.00</b>	<b>\$850.00</b>	<b>\$287,350.00</b>	<b>\$144,231.00</b>	<b>\$118,371.62</b>		
08	0802	2	2080253	OTHER ED - Scholarships and Awards						
08	0802	2	2080253	W0120 Eric Hind Scholarship	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
08	0802	2	2080253	W0121 Art Aquisition Award	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$1,000.00	100.80%
08	0802	2	2080287	OTHER ED - Other Expenses						
08	0802	2	2080287	W0263 REED	\$6,000.00	\$0.00	\$6,000.00	\$6,000.00	\$6,000.00	0.00%
08	0802	2	2080287	W0264 Merredin Chaplain (Merredin College)	\$3,000.00	\$0.00	\$3,000.00	\$3,000.00	\$0.00	-100.00%
08	0802	2	2080287	W0265 Lutheran Church	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08	0802	2	2080290	OTHER ED - Donations to Community Groups	\$40,000.00	\$0.00	\$40,000.00	\$20,246.00	\$11,230.00	-44.53%
08	0802	2	2080291	OTHER ED - Loss on Disposal of Assets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08	0802	2	2080292	OTHER ED - Depreciation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Expenditure Total</b>				<b>\$51,000.00</b>	<b>\$0.00</b>	<b>\$51,000.00</b>	<b>\$30,242.00</b>	<b>\$18,230.00</b>		
08	0802	4	4080210	OTHER ED - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		
<b>Other Education Total</b>				<b>\$51,000.00</b>	<b>\$0.00</b>	<b>\$51,000.00</b>	<b>\$30,242.00</b>	<b>\$18,230.00</b>		
08	0804	2	2080470	SENIORS - Loan Interest Repayments					\$13,386.39	
08	0804	2	2080470	LI215 Interest Loan 215	\$11,800.00	\$0.00	\$11,800.00	\$0.00	\$0.00	
08	0804	2	2080470	LI217 Interest Loan 217	\$9,200.00	\$0.00	\$9,200.00	\$4,602.00	\$0.00	-100.00%
08	0804	2	2080492	SENIORS - Depreciation	\$35,900.00	\$0.00	\$35,900.00	\$17,952.00	\$13,796.83	-23.15%
<b>Operating Expenditure Total</b>				<b>\$56,900.00</b>	<b>\$0.00</b>	<b>\$56,900.00</b>	<b>\$22,554.00</b>	<b>\$27,183.22</b>		
08	0804	3	3080401	SENIORS - Reimbursements	-\$10,800.00	\$0.00	-\$10,800.00	-\$5,400.00	-\$5,600.89	3.72%
<b>Operating Income Total</b>				<b>-\$10,800.00</b>	<b>\$0.00</b>	<b>-\$10,800.00</b>	<b>-\$5,400.00</b>	<b>-\$5,600.89</b>		
08	0804	4	4080482	SENIORS - Loan Principal Repayments					\$80,819.70	
08	0804	4	4080482	LP215 Principal Loan 215	\$36,800.00	\$0.00	\$36,800.00	\$0.00	\$0.00	
08	0804	4	4080482	LP217 Principal Loan 217	\$62,300.00	\$0.00	\$62,300.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>				<b>\$99,100.00</b>	<b>\$0.00</b>	<b>\$99,100.00</b>	<b>\$0.00</b>	<b>\$80,819.70</b>		
08	0804	5	5080458	SENIORS - Self Supporting Loan Principal Received	-\$36,800.00	\$0.00	-\$36,800.00	-\$36,800.00	-\$18,192.48	-50.56%
<b>Capital Income Total</b>				<b>-\$36,800.00</b>	<b>\$0.00</b>	<b>-\$36,800.00</b>	<b>-\$36,800.00</b>	<b>-\$18,192.48</b>		
<b>Aged &amp; Disabled - Senior Citizens Centres Total</b>				<b>\$108,400.00</b>	<b>\$0.00</b>	<b>\$108,400.00</b>	<b>-\$19,646.00</b>	<b>\$84,209.55</b>		
08	0807	2	2080712	WELFARE - Youth Events and Programs						
08	0807	2	2080712	W0140 Merredin Youth Activities	\$1,800.00	\$0.00	\$1,800.00	\$900.00	\$0.00	-100.00%
08	0807	2	2080712	W0147 Naidoc Week	\$3,000.00	-\$1,000.00	\$2,000.00	\$2,000.00	\$0.00	-100.00%
08	0807	2	2080712	W0147A Naidoc Week - Grant Funded	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$963.64	-3.64%
08	0807	2	2080714	WELFARE - Community Services						
08	0807	2	2080714	CD101 Community Development Events	\$700.00	\$0.00	\$700.00	\$354.00	\$0.00	-100.00%
08	0807	2	2080714	CD103 Anzac Day	\$1,400.00	\$0.00	\$1,400.00	\$0.00	\$39.25	
08	0807	2	2080714	CD103A Anzac Day - Grant Funded	\$2,500.00	\$0.00	\$2,500.00	\$1,248.00	\$0.00	-100.00%
08	0807	2	2080714	CD104 Australia Day	\$800.00	\$0.00	\$800.00	\$0.00	\$0.00	

08	0807	2	2080714	CD104A	Australia Day - Grant Funded	\$10,000.00	\$0.00	\$10,000.00	\$0.00	\$4,355.86	
08	0807	2	2080714	CD106	Christmas / Gala Night	\$22,000.00	\$0.00	\$22,000.00	\$10,998.00	\$12,846.07	16.80%
08	0807	2	2080714	CD106A	Christmas / Gala Night - Grant Funded	\$5,000.00	-\$2,500.00	\$2,500.00	\$1,248.00	\$0.00	-100.00%
08	0807	2	2080714	CD109	Cd Equipment Replacement	\$2,000.00	\$0.00	\$2,000.00	\$999.00	\$24.09	-97.59%
08	0807	2	2080714	CD116	International Food Festival	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$0.00	-100.00%
08	0807	2	2080714	CD116A	International Food Festival - Grant Funded	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$0.00	-100.00%
08	0807	2	2080714	CD123	Early Years Program	\$500.00	\$0.00	\$500.00	\$500.00	\$103.42	-79.32%
08	0807	2	2080714	CD126	Remembrance Day & Long Tan Day	\$1,500.00	\$0.00	\$1,500.00	\$1,500.00	\$408.32	-72.78%
08	0807	2	2080714	CD136	Merredin Show	\$2,500.00	\$0.00	\$2,500.00	\$0.00	\$0.00	
<b>Operating Expenditure Total</b>						<b>\$57,700.00</b>	<b>-\$2,500.00</b>	<b>\$55,200.00</b>	<b>\$22,751.00</b>	<b>\$18,740.65</b>	
08	0807	3	3080710		WELFARE - Youth Grants						
08	0807	3	3080710	CYI147	Naidoc Week	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
08	0807	3	3080711		WELFARE - Community Development Grants						
08	0807	3	3080711	CDI103	Anzac Day - Grant Funding	-\$2,500.00	\$0.00	-\$2,500.00	-\$1,254.00	\$0.00	-100.00%
08	0807	3	3080711	CDI104	Australia Day - Grant Funding	-\$10,000.00	\$0.00	-\$10,000.00	-\$4,998.00	-\$8,000.00	60.06%
08	0807	3	3080711	CDI106	Christmas / Gala Night - Grant Funding	-\$5,000.00	\$2,500.00	-\$2,500.00	-\$1,254.00	-\$2,500.00	99.36%
08	0807	3	3080711	CDI116	International Food Festival - Grant Funding	-\$2,000.00	\$0.00	-\$2,000.00	-\$1,002.00	\$0.00	-100.00%
<b>Operating Income Total</b>						<b>-\$19,500.00</b>	<b>\$2,500.00</b>	<b>-\$17,000.00</b>	<b>-\$8,508.00</b>	<b>-\$10,500.00</b>	
<b>Other Welfare Total</b>						<b>\$38,200.00</b>	<b>\$0.00</b>	<b>\$38,200.00</b>	<b>\$14,243.00</b>	<b>\$8,240.65</b>	
<b>Education &amp; Welfare Total</b>						<b>\$197,600.00</b>	<b>\$0.00</b>	<b>\$197,600.00</b>	<b>\$24,839.00</b>	<b>\$110,680.20</b>	
09	0902	2	2090288		OTH HOUSE - Building Operations						
09	0902	2	2090288	BO030	House 16 Dobson Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,550.00	\$3,035.75	19.05%
09	0902	2	2090288	BO031	House 5 Dobson Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,896.00	\$2,669.47	-7.82%
09	0902	2	2090288	BO032	House 9 Cummings Crescent - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,844.00	\$3,194.63	12.33%
09	0902	2	2090288	BO033	House 13 Cummings Crescent - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,896.00	\$3,180.01	9.81%
09	0902	2	2090288	BO034	House 17 Cummings Crescent - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,544.00	\$1,681.82	-33.89%
09	0902	2	2090288	BO035	House 4 Cohn Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,544.00	\$2,263.55	-11.02%
09	0902	2	2090288	BO036	House 10 Cohn Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,544.00	\$1,282.22	-49.60%
09	0902	2	2090288	BO037	House 69A Coronation Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,550.00	\$1,558.83	-38.87%
09	0902	2	2090288	BO038	House 69B Coronation Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,550.00	\$1,345.71	-47.23%
09	0902	2	2090288	BO039	House 15A Carrington Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,550.00	\$1,641.97	-35.61%
09	0902	2	2090288	BO040	House 15B Carrington Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,550.00	\$2,240.23	-12.15%
09	0902	2	2090288	BO041	House 7 King Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,544.00	\$2,321.04	-8.76%
09	0902	2	2090288	BO042	House 44 Jackson Way - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,544.00	\$1,298.70	-48.95%
09	0902	2	2090288	BO043	House 51 French Street - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,544.00	\$1,474.08	-42.06%
09	0902	2	2090288	BO044	House 56 Kitchener Road - Building Operations	\$5,100.00	\$0.00	\$5,100.00	\$2,550.00	\$2,092.06	-17.96%
09	0902	2	2090288	BO050	Cummings Unit # 1 - Building Operations	\$3,400.00	\$0.00	\$3,400.00	\$2,396.00	\$786.34	-67.18%
09	0902	2	2090288	BO051	Cummings Unit # 2 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$786.34	-21.05%
09	0902	2	2090288	BO052	Cummings Unit # 3 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$786.34	-21.05%
09	0902	2	2090288	BO053	Cummings Unit # 4 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$786.34	-21.05%
09	0902	2	2090288	BO054	Cummings Unit # 5 - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$786.34	-21.05%
09	0902	2	2090288	BO055	Cummings Units Common Area - Building Operations	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$1,360.24	36.57%

09	0902	2	2090288	BO056	Other Housing Expenses	\$0.00	\$0.00	\$0.00	\$0.00	\$757.43	
09	0902	2	2090289		OTH HOUSE - Building Maintenance						
09	0902	2	2090289	BM030	House 16 Dobson Way - Building Maintenance	\$4,000.00	\$0.00	\$4,000.00	\$2,004.00	\$1,003.60	-49.92%
09	0902	2	2090289	BM031	House 5 Dobson Way - Building Maintenance	\$2,500.00	\$0.00	\$2,500.00	\$1,254.00	\$694.42	-44.62%
09	0902	2	2090289	BM032	House 9 Cummings Cresent - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$606.95	-75.74%
09	0902	2	2090289	BM033	House 13 Cummings Cresent - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$669.50	-73.24%
09	0902	2	2090289	BM034	House 17 Cummings Cresent - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$0.00	-100.00%
09	0902	2	2090289	BM035	House 4 Cohn Street - Building Maintenance	\$6,000.00	\$2,000.00	\$8,000.00	\$3,996.00	\$358.70	-91.02%
09	0902	2	2090289	BM036	House 10 Cohn Street - Building Maintenance	\$6,800.00	-\$3,800.00	\$3,000.00	\$1,500.00	\$0.00	-100.00%
09	0902	2	2090289	BM037	House 69A Coronation Street - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$204.65	-91.82%
09	0902	2	2090289	BM038	House 69B Coronation Street - Building Maintenance	\$3,000.00	\$0.00	\$3,000.00	\$1,500.00	\$0.00	-100.00%
09	0902	2	2090289	BM039	House 15A Carrington Way - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$595.27	-40.59%
09	0902	2	2090289	BM040	House 15B Carrington Way - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$0.00	-100.00%
09	0902	2	2090289	BM041	House 7 King Street - Building Maintenance	\$2,800.00	\$0.00	\$2,800.00	\$1,398.00	\$3,081.56	120.43%
09	0902	2	2090289	BM042	House 44 Jackson Way - Building Maintenance	\$12,000.00	-\$6,000.00	\$6,000.00	\$3,000.00	\$0.00	-100.00%
09	0902	2	2090289	BM043	House 51 French Street - Building Maintenance	\$5,000.00	\$0.00	\$5,000.00	\$2,496.00	\$0.00	-100.00%
09	0902	2	2090289	BM044	House 56 Kitchener Road - Building Maintenance	\$6,000.00	\$0.00	\$6,000.00	\$3,000.00	\$2,340.94	-21.97%
09	0902	2	2090289	W0245	Housing Maintenance	\$7,700.00	\$0.00	\$7,700.00	\$3,852.00	\$0.00	-100.00%
09	0902	2	2090292		OTH HOUSE - Depreciation	\$165,800.00	\$0.00	\$165,800.00	\$82,902.00	\$70,040.93	-15.51%
09	0902	2	2090299		OTH HOUSE - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>						<b>\$439,200.00</b>	<b>-\$7,800.00</b>	<b>\$431,400.00</b>	<b>\$217,342.00</b>	<b>\$163,696.72</b>	
09	0902	3	3090201		OTH HOUSE - Shire Housing Rental Reimbursements	-\$30,000.00	\$2,000.00	-\$28,000.00	-\$13,998.00	-\$22,330.84	59.53%
09	0902	3	3090235		OTH HOUSE - Other Income	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Income Total</b>						<b>-\$30,000.00</b>	<b>\$2,000.00</b>	<b>-\$28,000.00</b>	<b>-\$13,998.00</b>	<b>-\$22,330.84</b>	
09	0902	4	4090210		OTH HOUSE - Building (Capital)						
09	0902	4	4090210	BC030	House 16 Dobson Way - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
09	0902	4	4090210	BC032	House 9 Cummings Cresent - Building (Capital)	\$12,300.00	\$0.00	\$12,300.00	\$12,300.00	\$9,590.00	-22.03%
09	0902	4	4090210	BC033	House 13 Cummings Cresent - Building (Capital)	\$0.00	\$17,000.00	\$17,000.00	\$17,000.00	\$0.00	-100.00%
09	0902	4	4090210	BC036	House 10 Cohn Street - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
09	0902	4	4090210	BC035	House 4 Cohn Street - Building (Capital)	\$4,500.00	\$0.00	\$4,500.00	\$0.00	\$3,766.00	
09	0902	4	4090210	BC048	Future Housing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
09	0902	4	4090211	BC048	OTH HOUSING - Land (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>						<b>\$16,800.00</b>	<b>\$17,000.00</b>	<b>\$33,800.00</b>	<b>\$29,300.00</b>	<b>\$13,356.00</b>	
<b>Other Housing Total</b>						<b>\$426,000.00</b>	<b>\$11,200.00</b>	<b>\$437,200.00</b>	<b>\$232,644.00</b>	<b>\$154,721.88</b>	
09	0903	2	2090389		COM HOUSE - Building Maintenance						
09	0903	2	2090389	BM050	Cummings Unit # 1 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$212.59	-78.66%
09	0903	2	2090389	BM051	Cummings Unit # 2 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$459.73	-53.84%
09	0903	2	2090389	BM052	Cummings Unit # 3 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$810.65	-18.61%
09	0903	2	2090389	BM053	Cummings Unit # 4 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$0.00	-100.00%
09	0903	2	2090389	BM054	Cummings Unit # 5 - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$0.00	-100.00%
09	0903	2	2090389	BM055	Cummings Units Common Area - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$2,699.29	171.01%
<b>Operating Expenditure Total</b>						<b>\$12,000.00</b>	<b>\$0.00</b>	<b>\$12,000.00</b>	<b>\$5,976.00</b>	<b>\$4,182.26</b>	

09	0903	3	3090301	COM HOUSE - Cummings Rental Reimbursements	-\$15,000.00	-\$2,000.00	-\$17,000.00	-\$8,502.00	-\$20,830.30	145.00%
<b>Operating Income Total</b>					<b>-\$15,000.00</b>	<b>-\$2,000.00</b>	<b>-\$17,000.00</b>	<b>-\$8,502.00</b>	<b>-\$20,830.30</b>	
<b>Community Housing Total</b>					<b>-\$3,000.00</b>	<b>-\$2,000.00</b>	<b>-\$5,000.00</b>	<b>-\$2,526.00</b>	<b>-\$16,648.04</b>	
<b>Housing Total</b>					<b>\$423,000.00</b>	<b>\$9,200.00</b>	<b>\$432,200.00</b>	<b>\$230,118.00</b>	<b>\$138,073.84</b>	
10	1001	2	2100111	SAN - Waste Collection	\$391,600.00	\$0.00	\$391,600.00	\$195,798.00	\$181,307.81	-7.40%
10	1001	2	2100113	SAN - Waste Recycling	\$110,500.00	\$5,000.00	\$115,500.00	\$57,750.00	\$52,543.57	-9.02%
10	1001	2	2100117	SAN - General Tip Maintenance						
10	1001	2	2100117	W0075 Merredin Landfill Site	\$405,900.00	\$60,000.00	\$465,900.00	\$232,944.00	\$205,044.45	-11.98%
10	1001	2	2100117	W0076 Muntagin Landfill Site	\$3,000.00	\$0.00	\$3,000.00	\$3,000.00	\$7.50	-99.75%
10	1001	2	2100187	SAN - Other Expenses	\$63,200.00	\$0.00	\$63,200.00	\$0.00	\$0.00	
10	1001	2	2100188	SAN - Building Operations	\$2,600.00	\$0.00	\$2,600.00	\$1,302.00	\$90.00	-93.09%
10	1001	2	2100192	SAN - Depreciation	\$1,800.00	\$0.00	\$1,800.00	\$900.00	\$16,973.16	1785.91%
10	1001	2	2100199	SAN - Administration Allocated	\$155,600.00	\$0.00	\$155,600.00	\$77,802.00	\$70,156.16	-9.83%
<b>Operating Expenditure Total</b>					<b>\$1,134,200.00</b>	<b>\$65,000.00</b>	<b>\$1,199,200.00</b>	<b>\$569,496.00</b>	<b>\$526,122.65</b>	
10	1001	3	3100100	SAN - Contributions & Donations	-\$97,800.00	\$0.00	-\$97,800.00	-\$48,900.00	-\$97,538.00	99.46%
10	1001	3	3100110	SAN - Grants	-\$75,700.00	\$0.00	-\$75,700.00	-\$37,848.00	-\$75,680.00	99.96%
10	1001	3	3100120	SAN - Domestic Refuse Collection Charges	-\$341,000.00	-\$10,700.00	-\$351,700.00	-\$351,700.00	-\$351,723.50	0.01%
10	1001	3	3100125	SAN - Domestic Recycling Service	-\$110,100.00	-\$9,900.00	-\$120,000.00	-\$120,000.00	-\$122,248.60	1.87%
10	1001	3	3100135	SAN - Other Income	-\$85,000.00	\$35,000.00	-\$50,000.00	-\$25,002.00	-\$24,947.26	-0.22%
<b>Operating Income Total</b>					<b>-\$709,600.00</b>	<b>\$14,400.00</b>	<b>-\$695,200.00</b>	<b>-\$583,450.00</b>	<b>-\$672,137.36</b>	
10	1001	4	4100110	SAN - Building (Capital)						
10	1001	4	4100110	LC041 Merredin Landfill - Tip Shop	\$15,000.00	\$0.00	\$15,000.00	\$7,500.00	\$0.00	-100.00%
10	1001	4	4100180	LC002 E-Waste Recycling & Re-Use Facility	\$105,000.00	\$0.00	\$105,000.00	\$52,500.00	\$34,725.06	-33.86%
<b>Capital Expenditure Total</b>					<b>\$120,000.00</b>	<b>\$0.00</b>	<b>\$120,000.00</b>	<b>\$60,000.00</b>	<b>\$34,725.06</b>	<b>-\$1.34</b>
<b>Sanitation - General Total</b>					<b>\$439,600.00</b>	<b>\$79,400.00</b>	<b>\$519,000.00</b>	<b>-\$6,454.00</b>	<b>-\$146,014.71</b>	
10	1004	2	2100411	STORM - Stormwater Drainage Maintenance	\$68,600.00	\$0.00	\$68,600.00	\$34,296.00	\$2,366.39	-93.10%
<b>Operating Expenditure Total</b>					<b>\$68,600.00</b>	<b>\$0.00</b>	<b>\$68,600.00</b>	<b>\$34,296.00</b>	<b>\$2,366.39</b>	
<b>Urban Stormwater Drainage Total</b>					<b>\$68,600.00</b>	<b>\$0.00</b>	<b>\$68,600.00</b>	<b>\$34,296.00</b>	<b>\$2,366.39</b>	
10	1005	2	2100550	ENVIRON - Contract Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	1005	2	2100587	ENVIRON - Other Expenses						
10	1005	2	2100587	W0101 Ep General	\$6,000.00	\$0.00	\$6,000.00	\$2,994.00	\$855.48	-71.43%
10	1005	2	2100587	W0109 Ep Promoting Electric Vehicles Viability	\$0.00	\$400.00	\$400.00	\$400.00	\$120.00	-70.00%
10	1005	2	2100587	W0115 Ep Skeleton Weed	\$1,700.00	\$0.00	\$1,700.00	\$852.00	\$0.00	-100.00%
10	1005	2	2100599	ENVIRON - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$38,898.00	\$35,078.08	-9.82%
<b>Operating Expenditure Total</b>					<b>\$85,500.00</b>	<b>\$400.00</b>	<b>\$85,900.00</b>	<b>\$43,144.00</b>	<b>\$36,053.56</b>	
<b>Protection Of The Environment Total</b>					<b>\$85,500.00</b>	<b>\$400.00</b>	<b>\$85,900.00</b>	<b>\$43,144.00</b>	<b>\$36,053.56</b>	
10	1006	2	2100600	PLAN - Employee Costs	\$31,900.00	\$0.00	\$31,900.00	\$16,202.00	\$16,559.26	2.21%
10	1006	2	2100610	PLAN - Motor Vehicle Expenses	\$3,300.00	\$0.00	\$3,300.00	\$1,650.00	\$1,403.50	-14.94%
10	1006	2	2100652	PLAN - Consultants	\$30,000.00	\$0.00	\$30,000.00	\$15,000.00	\$11,000.00	-26.67%
10	1006	2	2100687	PLAN - Other Expenses	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$0.00	-100.00%
10	1006	2	2100699	PLAN - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>					<b>\$173,900.00</b>	<b>\$0.00</b>	<b>\$173,900.00</b>	<b>\$87,206.00</b>	<b>\$75,733.52</b>	

10	1006	3	3100620	PLAN - Planning Application Fees	-\$10,000.00	\$0.00	-\$10,000.00	-\$4,998.00	-\$27,025.31	440.72%
10	1006	3	3100635	PLAN - Other Income	\$0.00	\$0.00	\$0.00	\$0.00	-\$272.73	
<b>Operating Income Total</b>					<b>-\$10,000.00</b>	<b>\$0.00</b>	<b>-\$10,000.00</b>	<b>-\$4,998.00</b>	<b>-\$27,298.04</b>	
<b>Town Planning &amp; Regional Development Total</b>					<b>\$163,900.00</b>	<b>\$0.00</b>	<b>\$163,900.00</b>	<b>\$82,208.00</b>	<b>\$48,435.48</b>	
10	1007	2	2100711	COM AMEN - Cemetery Burials	\$17,800.00	\$0.00	\$17,800.00	\$8,904.00	\$5,650.73	-36.54%
10	1007	2	2100788	COM AMEN - Public Conveniences Operations						
10	1007	2	2100788 BO060	Public Cons Barrack Street - Building Operations	\$20,000.00	\$0.00	\$20,000.00	\$9,996.00	\$13,075.36	30.81%
10	1007	2	2100788 BO061	Public Cons Apex Park - Building Operations	\$16,000.00	\$0.00	\$16,000.00	\$8,102.00	\$11,126.02	37.32%
10	1007	2	2100789	COM AMEN - Public Conveniences Maintenance						
10	1007	2	2100789 BM060	Public Cons Barrack Street - Building Maintenance	\$11,000.00	\$0.00	\$11,000.00	\$5,496.00	\$3,393.52	-38.25%
10	1007	2	2100789 BM061	Public Cons Apex Park - Building Maintenance	\$6,000.00	\$0.00	\$6,000.00	\$3,000.00	\$560.55	-81.32%
10	1007	2	2100792	COM AMEN - Depreciation	\$119,300.00	\$0.00	\$119,300.00	\$59,652.00	\$11,444.05	-80.82%
10	1007	2	2100799	COM AMEN - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$38,898.00	\$35,078.08	-9.82%
<b>Operating Expenditure Total</b>					<b>\$267,900.00</b>	<b>\$0.00</b>	<b>\$267,900.00</b>	<b>\$134,048.00</b>	<b>\$80,328.31</b>	
10	1007	3	3100720	COM AMEN - Cemetery Fees (Burial)	-\$20,600.00	\$8,600.00	-\$12,000.00	-\$6,000.00	-\$4,800.43	-19.99%
10	1007	3	3100721	COM AMEN - Cemetery Fees (Niche Wall & Rose Garden)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
10	1007	3	3100722	COM AMEN - Cemetery Fees (Monuments)	-\$100.00	-\$300.00	-\$400.00	-\$198.00	-\$417.00	110.61%
<b>Operating Income Total</b>					<b>-\$20,700.00</b>	<b>\$8,300.00</b>	<b>-\$12,400.00</b>	<b>-\$6,198.00</b>	<b>-\$5,217.43</b>	
10	1007	4	4100770	COM AMEN - Infrastructure Parks & Ovals (Capital)						
10	1007	4	4100770 CC001	Merredin Cemetery Fencing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Other Community Amenities Total</b>					<b>\$247,200.00</b>	<b>\$8,300.00</b>	<b>\$255,500.00</b>	<b>\$127,850.00</b>	<b>\$75,110.88</b>	
<b>Community Amenities Total</b>					<b>\$1,109,800.00</b>	<b>\$88,100.00</b>	<b>\$1,197,900.00</b>	<b>\$333,544.00</b>	<b>\$50,676.66</b>	
11	1101	2	2110187	HALLS - Other Expenses						
11	1101	2	2110187 W0100	Art Collection Mtce	\$1,500.00	\$0.00	\$1,500.00	\$0.00	\$0.00	
11	1101	2	2110188	HALLS - Town Halls and Public Bldg Operations						
11	1101	2	2110188 BO005	Old Administration Building - Building Operations	\$13,200.00	\$0.00	\$13,200.00	\$6,600.00	\$4,086.02	-38.09%
11	1101	2	2110188 BO006	Womens Rest Centre - Building Operations	\$1,200.00	\$0.00	\$1,200.00	\$600.00	\$809.64	34.94%
11	1101	2	2110188 BO007	Old Town Hall - Building Operations	\$2,500.00	\$100.00	\$2,600.00	\$1,302.00	\$2,225.60	70.94%
11	1101	2	2110188 BO008	Army Cadets Building - Building Operations	\$1,000.00	\$0.00	\$1,000.00	\$337.00	\$487.17	44.56%
11	1101	2	2110188 BO009	Senior Citizens Centres - Building Operations	\$2,800.00	\$0.00	\$2,800.00	\$1,214.00	\$2,463.67	102.94%
11	1101	2	2110188 BO011	One Night Shelter - Building Operations	\$200.00	\$400.00	\$600.00	\$600.00	\$424.50	-29.25%
11	1101	2	2110188 BO012	Fine Arts Society (Old Lib Building) - Building Operations	\$1,500.00	-\$100.00	\$1,400.00	\$702.00	\$1,355.67	93.12%
11	1101	2	2110188 BO013	Throssel Street (Playgroup) - Building Operations	\$700.00	\$0.00	\$700.00	\$348.00	\$291.96	-16.10%
11	1101	2	2110188 BO083	Nmpc Room 9 Community Room, (Old School Library) - Bu	\$2,000.00	\$0.00	\$2,000.00	\$1,500.00	\$0.00	-100.00%
11	1101	2	2110188 BO084	Nmps Playgroup - Building Operations	\$700.00	\$150.00	\$850.00	\$850.00	\$650.00	-23.53%
11	1101	2	2110188 BO085	Lutheran Church	\$800.00	\$0.00	\$800.00	\$402.00	\$146.55	-63.54%
11	1101	2	2110189	HALLS - Town Halls and Public Bldg Maintenance						
11	1101	2	2110189 BM005	Old Administration Building - Building Maintenance	\$7,000.00	\$0.00	\$7,000.00	\$3,504.00	\$287.86	-91.78%
11	1101	2	2110189 BM006	Womens Rest Centre - Building Maintenance	\$5,400.00	\$0.00	\$5,400.00	\$2,700.00	\$147.86	-94.52%
11	1101	2	2110189 BM007	Old Town Hall - Building Maintenance	\$8,000.00	\$0.00	\$8,000.00	\$4,002.00	\$937.08	-76.58%
11	1101	2	2110189 BM008	Army Cadets Building - Building Maintenance	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$147.86	-85.24%



11	1101 2	2110189	BM009	Senior Citizens Centres - Building Maintenance	\$6,000.00	\$0.00	\$6,000.00	\$3,000.00	\$171.87	-94.27%
11	1101 2	2110189	BM010	Muntadgin Hall - Building Maintenance	\$10,000.00	\$0.00	\$10,000.00	\$5,004.00	\$147.86	-97.05%
11	1101 2	2110189	BM011	One Night Shelter - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$104.55	-79.01%
11	1101 2	2110189	BM012	Fine Arts Society (Old Lib Building) - Building Maintenance	\$4,000.00	\$1,000.00	\$5,000.00	\$2,496.00	\$4,420.54	77.10%
11	1101 2	2110189	BM015	Burracoppin Hall - Building Maintenance	\$4,000.00	\$0.00	\$4,000.00	\$1,998.00	\$147.86	-92.60%
11	1101 2	2110189	BM079	Nmps Redevelopment - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
11	1101 2	2110189	BM080	Nmpc Room 6 Archives - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
11	1101 2	2110189	BM081	Nmps Room 7 Meeting Room - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
11	1101 2	2110189	BM082	Nmps Room 8 Wildflower Society Room - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
11	1101 2	2110189	BM083	Nmps Room 9 Community Room, (Old School Library) - Bu	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
11	1101 2	2110189	BM084	Nmps Playgroup - Building Maintenance	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$647.56	30.03%
11	1101 2	2110189	BM085	Nmps Common Areas	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$147.86	-70.31%
11	1101 2	2110190		HALLS - Asbestos management Plan Implementation	\$5,000.00	\$0.00	\$5,000.00	\$0.00	\$0.00	
11	1101 2	2110192		HALLS - Depreciation	\$84,000.00	\$0.00	\$84,000.00	\$42,000.00	\$35,494.90	-15.49%
11	1101 2	2110199		HALLS - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$38,898.00	\$35,078.08	-9.82%
<b>Operating Expenditure Total</b>					<b>\$249,300.00</b>	<b>\$1,550.00</b>	<b>\$250,850.00</b>	<b>\$123,043.00</b>	<b>\$90,822.52</b>	
11	1101 3	3110110		HALLS - Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1101 3	3110121		HALLS - Local Hall Hire	-\$3,500.00	\$0.00	-\$3,500.00	-\$1,752.00	-\$2,827.10	61.36%
11	1101 3	3110122		HALLS - Lease/Rental Income	-\$1,300.00	\$0.00	-\$1,300.00	-\$648.00	\$0.00	-100.00%
11	1101 3	3110135		HALLS - Other Income	-\$21,000.00	\$0.00	-\$21,000.00	-\$10,500.00	-\$12,976.74	23.59%
<b>Operating Income Total</b>					<b>-\$25,800.00</b>	<b>\$0.00</b>	<b>-\$25,800.00</b>	<b>-\$12,900.00</b>	<b>-\$15,803.84</b>	
11	1101 4	4110110		HALLS - Building (Capital)						
11	1101 4	4110110	BC005	Old Administration Building - Building (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1101 4	4110110	BC006	Womens Rest Centre - Building (Capital)	\$8,000.00	\$0.00	\$8,000.00	\$0.00	\$12,575.08	
<b>Capital Expenditure Total</b>					<b>\$8,000.00</b>	<b>\$0.00</b>	<b>\$8,000.00</b>	<b>\$0.00</b>	<b>\$12,575.08</b>	
<b>Public Halls And Civic Centres Total</b>					<b>\$223,500.00</b>	<b>\$1,550.00</b>	<b>\$225,050.00</b>	<b>\$110,143.00</b>	<b>\$75,018.68</b>	
11	1102 2	2110200		SWIM AREAS - Employee Costs	\$154,900.00	\$49,500.00	\$204,400.00	\$103,248.00	\$97,851.93	-5.23%
11	1102 2	2110201		SWIM AREAS - Unrecognised Staff Liabilities	\$18,000.00	\$1,500.00	\$19,500.00	\$19,500.00	\$0.00	-100.00%
11	1102 2	2110203		SWIM AREAS - Uniforms	\$400.00	\$0.00	\$400.00	\$200.00	\$394.50	97.25%
11	1102 2	2110204		SWIM AREAS - Training & Conferences	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$650.82	-35.05%
11	1102 2	2110288		SWIM AREAS - Building Operations						
11	1102 2	2110288	BO020	Swimming Pool - Building Operations	\$50,000.00	\$0.00	\$50,000.00	\$24,996.00	\$26,658.04	6.65%
11	1102 2	2110289		SWIM AREAS - Building Maintenance						
11	1102 2	2110289	BM020	Swimming Pool - Building Maintenance	\$20,000.00	\$0.00	\$20,000.00	\$9,996.00	\$3,208.10	-67.91%
11	1102 2	2110292		SWIM AREAS - Depreciation	\$77,200.00	\$0.00	\$77,200.00	\$38,604.00	\$11,046.38	-71.39%
11	1102 2	2110299		SWIM AREAS - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>					<b>\$426,200.00</b>	<b>\$51,000.00</b>	<b>\$477,200.00</b>	<b>\$249,398.00</b>	<b>\$186,580.53</b>	
11	1102 3	3110220		SWIM AREAS - Admissions	-\$35,000.00	\$0.00	-\$35,000.00	-\$17,502.00	-\$23,617.32	34.94%
<b>Operating Income Total</b>					<b>-\$35,000.00</b>	<b>\$0.00</b>	<b>-\$35,000.00</b>	<b>-\$17,502.00</b>	<b>-\$23,617.32</b>	
11	1102 4	4110290		SWIM AREAS - Infrastructure Other (Capital)						
11	1102 4	4110290	SC041	Pool Bowl	\$20,000.00	-\$15,000.00	\$5,000.00	\$2,502.00	\$0.00	-100.00%
11	1102 4	4110290	SC042	Pool - Septic System	\$0.00	\$15,000.00	\$15,000.00	\$15,000.00	\$11,900.00	-20.67%

11	1102	4	4110290	SC043	Pool - Filtration System	\$0.00	\$15,000.00	\$15,000.00	\$7,500.00	\$11,736.40	56.49%
<b>Capital Expenditure Total</b>						<b>\$20,000.00</b>	<b>\$15,000.00</b>	<b>\$35,000.00</b>	<b>\$25,002.00</b>	<b>\$23,636.40</b>	<b>-\$0.64</b>
<b>Swimming Areas And Beaches Total</b>						<b>\$411,200.00</b>	<b>\$36,000.00</b>	<b>\$447,200.00</b>	<b>\$234,398.00</b>	<b>\$162,963.21</b>	
11	1103	2	2110300		REC - Employee Costs	\$0.00	\$302,230.00	\$302,230.00	\$302,230.00	\$18,743.66	-93.80%
11	1103	2	2110304		REC - Training & Conferences	\$0.00	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	-100.00%
11	1103	2	2110330		REC - Insurance Expenses	\$48,400.00	\$6,000.00	\$54,400.00	\$54,400.00	\$54,365.61	-0.06%
11	1103	2	2110352		REC - Management Contract MRCLC	\$98,400.00	\$0.00	\$98,400.00	\$49,200.00	\$65,564.00	33.26%
11	1103	2	2110353		REC - MRCLC	\$450,000.00	-\$317,230.00	\$132,770.00	\$66,384.00	\$6,106.48	-90.80%
11	1103	2	2110354		REC - MRCLC Initial Maintenance and Repairs	\$0.00	\$105,000.00	\$105,000.00	\$104,999.00	\$69,970.71	-33.36%
11	1103	2	2110355		REC - MRCLC - Building Operations	\$0.00	\$23,000.00	\$23,000.00	\$23,000.00	\$6,271.69	-72.73%
11	1103	2	2110365		REC - Parks & Gardens Maintenance/Operations						
11	1103	2	2110365	W0001	Apex Park	\$41,800.00	-\$2,000.00	\$39,800.00	\$19,896.00	\$26,166.55	31.52%
11	1103	2	2110365	W0002	Roy Little Park	\$117,100.00	-\$4,500.00	\$112,600.00	\$56,298.00	\$30,316.51	-46.15%
11	1103	2	2110365	W0003	Great Eastern Highway Gardens	\$79,100.00	\$0.00	\$79,100.00	\$39,548.00	\$25,858.01	-34.62%
11	1103	2	2110365	W0004	Lenihan Park	\$4,400.00	\$2,500.00	\$6,900.00	\$3,492.00	\$6,415.54	83.72%
11	1103	2	2110365	W0005	Upper French Ave Park	\$11,000.00	\$0.00	\$11,000.00	\$5,502.00	\$5,274.48	-4.14%
11	1103	2	2110365	W0006	Mary Street Park	\$5,100.00	\$0.00	\$5,100.00	\$2,554.00	\$1,883.82	-26.24%
11	1103	2	2110365	W0007	Barrack Street Park	\$59,400.00	-\$1,000.00	\$58,400.00	\$29,196.00	\$37,963.78	30.03%
11	1103	2	2110365	W0008	Railway Dam	\$800.00	\$1,000.00	\$1,800.00	\$898.00	\$2,840.20	216.28%
11	1103	2	2110365	W0009	Merritville Gardens	\$0.00	\$0.00	\$0.00	\$0.00	\$96.42	
11	1103	2	2110365	W0010	Memorial Park Gardens	\$10,200.00	\$0.00	\$10,200.00	\$5,100.00	\$3,296.78	-35.36%
11	1103	2	2110365	W0011	Fifth Street Gardens	\$500.00	\$0.00	\$500.00	\$246.00	\$85.04	-65.43%
11	1103	2	2110365	W0012	Lower French Avenue Gardens	\$12,350.00	\$0.00	\$12,350.00	\$6,168.00	\$6,844.98	10.98%
11	1103	2	2110365	W0013	Admin Centre Gardens	\$40,950.00	\$0.00	\$40,950.00	\$20,466.00	\$23,835.17	16.46%
11	1103	2	2110365	W0014	Old Administration Buildings Gardens	\$13,050.00	-\$2,000.00	\$11,050.00	\$5,526.00	\$1,682.53	-69.55%
11	1103	2	2110365	W0015	Library Gardens	\$5,900.00	\$0.00	\$5,900.00	\$2,946.00	\$3,221.03	9.34%
11	1103	2	2110365	W0016	Gamenya Avenue Gardens	\$1,100.00	\$1,000.00	\$2,100.00	\$1,044.00	\$1,493.68	43.07%
11	1103	2	2110365	W0017	Burracoppin Townsite	\$15,000.00	\$3,000.00	\$18,000.00	\$9,006.00	\$22,967.73	155.03%
11	1103	2	2110365	W0018	Muntagin Townsite	\$8,100.00	\$0.00	\$8,100.00	\$4,044.00	\$0.00	-100.00%
11	1103	2	2110365	W0019	Hines Hill Townsite	\$4,200.00	\$0.00	\$4,200.00	\$2,094.00	\$401.87	-80.81%
11	1103	2	2110365	W0020	South Avenue Gardens	\$6,600.00	\$0.00	\$6,600.00	\$3,294.00	\$3,453.58	4.84%
11	1103	2	2110365	W0021	Railway Oval	\$2,600.00	\$0.00	\$2,600.00	\$1,308.00	\$326.22	-75.06%
11	1103	2	2110365	W0022	Bates Street Carpark Gardens	\$1,950.00	\$0.00	\$1,950.00	\$972.00	\$1,253.70	28.98%
11	1103	2	2110365	W0023	Pioneer Park Gardens	\$26,500.00	\$0.00	\$26,500.00	\$13,248.00	\$15,607.99	17.81%
11	1103	2	2110365	W0024	Railway Museum Gardens	\$8,900.00	\$0.00	\$8,900.00	\$4,446.00	\$3,886.65	-12.58%
11	1103	2	2110365	W0025	Merredin Peak	\$14,900.00	\$0.00	\$14,900.00	\$7,506.00	\$4,947.81	-34.08%
11	1103	2	2110365	W0026	Dog Park	\$9,400.00	\$0.00	\$9,400.00	\$4,704.00	\$410.55	-91.27%
11	1103	2	2110365	W0030	Independent Water Supply	\$98,350.00	\$0.00	\$98,350.00	\$49,176.00	\$31,099.18	-36.76%
11	1103	2	2110365	W0031	Swimming Pool Gardens	\$8,500.00	\$0.00	\$8,500.00	\$4,250.00	\$2,715.74	-36.10%
11	1103	2	2110365	W0032	Pioneer Cemetery Gardens	\$1,900.00	\$0.00	\$1,900.00	\$950.00	\$5,523.48	481.42%
11	1103	2	2110365	W0033	Cemetery Gardens	\$80,400.00	\$0.00	\$80,400.00	\$40,196.00	\$37,693.20	-6.23%
11	1103	2	2110365	W0034	Parks & Gardens Minor Tools	\$7,500.00	\$0.00	\$7,500.00	\$3,750.00	\$6,658.52	77.56%

11	1103	2	2110365	W0035	Other Parks & Gardens	\$4,800.00	\$0.00	\$4,800.00	\$2,394.00	\$4,391.13	83.42%
11	1103	2	2110365	W0036	Bates Street (Adjacent To Dog Park)	\$150.00	\$350.00	\$500.00	\$422.00	\$455.82	8.01%
11	1103	2	2110366		REC - Town Oval Maintenance/Operations						
11	1103	2	2110366	W0027	Merredin Rec Centre Oval	\$72,000.00	\$0.00	\$72,000.00	\$36,000.00	\$30,854.05	-14.29%
11	1103	2	2110366	W0028	Merredin Rec Centre Oval	\$13,000.00	\$0.00	\$13,000.00	\$6,504.00	\$17,093.43	162.81%
11	1103	2	2110366	W0029	Merredin Rec Others	\$62,000.00	\$0.00	\$62,000.00	\$31,002.00	\$17,615.83	-43.18%
11	1103	2	2110370		REC - Loan Interest Repayments	\$33,600.00	\$0.00	\$33,600.00	\$0.00	\$0.00	
11	1103	2	2110387		REC - Other Expenses						
11	1103	2	2110387	W0160	Operating Expenses	\$21,500.00	\$0.00	\$21,500.00	\$16,250.00	\$5,794.32	-64.34%
11	1103	2	2110388	W0090	Merredin Recreation Centre Outside Contract	\$10,000.00	-\$9,500.00	\$500.00	\$252.00	\$0.00	-100.00%
11	1103	2	2110389		REC - Other Rec Facilities Building Maintenance	\$42,000.00	-\$20,000.00	\$22,000.00	\$10,998.00	\$17,491.04	59.04%
11	1103	2	2110392		REC - Depreciation	\$912,200.00	\$0.00	\$912,200.00	\$456,102.00	\$398,525.73	-12.62%
11	1103	2	2110399		REC - Administration Allocated	\$51,900.00	\$0.00	\$51,900.00	\$25,950.00	\$23,385.38	-9.88%
<b>Operating Expenditure Total</b>						<b>\$2,517,500.00</b>	<b>\$89,850.00</b>	<b>\$2,607,350.00</b>	<b>\$1,535,911.00</b>	<b>\$1,050,849.62</b>	
11	1103	3	3110310		REC - Grants	\$0.00	-\$2,100,061.00	-\$2,100,061.00	\$0.00	\$0.00	
11	1103	3	3110313		REC - Grants - LRCI	-\$1,721,200.00	-\$402,867.00	-\$2,124,067.00	\$0.00	\$0.00	
11	1103	3	3110314		REC - Grants - BBRF	-\$1,520,400.00	\$0.00	-\$1,520,400.00	\$0.00	\$0.00	
11	1103	3	3110315		REC - Other Capital Contributions	-\$336,400.00	-\$237,670.00	-\$574,070.00	-\$191,357.00	\$0.00	-100.00%
11	1103	3	3110335		REC - Other Income	\$0.00	-\$6,000.00	-\$6,000.00	-\$3,000.00	-\$1,100.15	-63.33%
<b>Operating Income Total</b>						<b>-\$3,578,000.00</b>	<b>-\$2,746,598.00</b>	<b>-\$6,324,598.00</b>	<b>-\$194,357.00</b>	<b>-\$1,100.15</b>	
11	1103	4	4110310		REC - Other Rec Facilities Building (Capital)	\$50,000.00	\$0.00	\$50,000.00	\$25,002.00	\$0.00	-100.00%
11	1103	4	4110330		REC - Plant & Equipment (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1103	4	4110370		REC - Infrastructure Parks & Gardens (Capital)						
11	1103	4	4110370	PC001	Apex Park Revitalisation	\$2,021,200.00	\$2,364,985.00	\$4,386,185.00	\$0.00	\$51,691.05	
11	1103	4	4110370	PC007	Cbd Redevelopment	\$3,050,400.00	\$330,943.00	\$3,381,343.00	\$1,690,671.00	\$43,048.96	-97.45%
11	1103	4	4110370	PC030A	Independent Water Supply Cemetery & Evap Reduction	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1103	4	4110370	PC036	Cbd Redevelopment - Visitor Centre Relocation	\$450,000.00	-\$80,000.00	\$370,000.00	\$185,001.00	\$0.00	-100.00%
11	1103	4	4110370	PC041	Water Tower Refurbishments	\$351,100.00	\$228,900.00	\$580,000.00	\$193,333.00	\$0.00	-100.00%
11	1103	4	4110370	PC042	Playground Shades	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1103	4	4110370	PC043	Replace Softfall - Mrclc Playground	\$30,000.00	\$0.00	\$30,000.00	\$15,000.00	\$0.00	-100.00%
11	1103	4	4110370	PC101	Basketball Rings - Rec Centre	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1103	4	4110380		REC - Loan Principal Repayments	\$55,800.00	\$0.00	\$55,800.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>						<b>\$6,008,500.00</b>	<b>\$2,844,828.00</b>	<b>\$8,853,328.00</b>	<b>\$2,109,007.00</b>	<b>\$94,740.01</b>	
11	1103	5	5110355		REC - New Loan Borrowings	-\$1,480,000.00	\$0.00	-\$1,480,000.00	-\$1,480,000.00	\$0.00	-100.00%
<b>Capital Income Total</b>						<b>-\$1,480,000.00</b>	<b>\$0.00</b>	<b>-\$1,480,000.00</b>	<b>-\$1,480,000.00</b>	<b>\$0.00</b>	
<b>Other Recreation And Sport Total</b>						<b>\$3,468,000.00</b>	<b>\$188,080.00</b>	<b>\$3,656,080.00</b>	<b>\$1,970,561.00</b>	<b>\$1,144,489.48</b>	
11	1105	2	2110500		LIBRARY - Employee Costs	\$173,400.00	\$0.00	\$173,400.00	\$88,102.00	\$74,276.34	-15.69%
11	1105	2	2110512		LIBRARY - Book Purchases	\$1,500.00	\$0.00	\$1,500.00	\$703.00	\$1,145.45	62.94%
11	1105	2	2110513		LIBRARY - Lost Books	\$500.00	\$0.00	\$500.00	\$250.00	\$0.00	-100.00%
11	1105	2	2110514		LIBRARY - Local History	\$2,500.00	\$0.00	\$2,500.00	\$1,248.00	\$0.00	-100.00%
11	1105	2	2110521		LIBRARY - Information Technology	\$17,500.00	\$0.00	\$17,500.00	\$7,954.00	\$0.00	-100.00%
11	1105	2	2110586		LIBRARY - Expensed Minor Asset Purchases	\$5,300.00	\$0.00	\$5,300.00	\$2,652.00	\$0.00	-100.00%

11	1105	2	2110587	LIBRARY - Other Expenses	\$14,000.00	\$0.00	\$14,000.00	\$6,996.00	\$2,931.63	-58.10%
11	1105	2	2110588	LIBRARY - Library Building Operations						
11	1105	2	2110588 BO004	North Merredin Library - Building Operations	\$21,500.00	\$0.00	\$21,500.00	\$10,746.00	\$12,440.43	15.77%
11	1105	2	2110589	LIBRARY - Library Building Maintenance						
11	1105	2	2110589 BM004	North Merredin Library - Building Maintenance	\$10,000.00	\$0.00	\$10,000.00	\$4,998.00	\$3,244.09	-35.09%
11	1105	2	2110592	LIBRARY - Depreciation	\$81,500.00	\$0.00	\$81,500.00	\$40,752.00	\$34,119.11	-16.28%
11	1105	2	2110599	LIBRARY - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
			<b>Operating Expenditure Total</b>		<b>\$431,400.00</b>	<b>\$0.00</b>	<b>\$431,400.00</b>	<b>\$216,253.00</b>	<b>\$174,927.81</b>	
11	1105	3	3110511	LIBRARY - Other Grants	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1105	3	3110520	LIBRARY - Fees & Charges	-\$1,000.00	\$0.00	-\$1,000.00	-\$498.00	-\$684.75	37.50%
			<b>Operating Income Total</b>		<b>-\$1,000.00</b>	<b>\$0.00</b>	<b>-\$1,000.00</b>	<b>-\$498.00</b>	<b>-\$684.75</b>	
11	1105	4	4110510	LIBRARY - Library Building (Capital)						
11	1105	4	4110510 BC004	North Merredin Library - Building (Capital)	\$21,000.00	\$0.00	\$21,000.00	\$0.00	\$0.00	
11	1105	4	4110530	LIBRARY - Plant & Equipment (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
			<b>Capital Expenditure Total</b>		<b>\$21,000.00</b>	<b>\$0.00</b>	<b>\$21,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
			<b>Libraries Total</b>		<b>\$451,400.00</b>	<b>\$0.00</b>	<b>\$451,400.00</b>	<b>\$215,755.00</b>	<b>\$174,243.06</b>	
11	1106	2	2110689	HERITAGE - Building Maintenance						
11	1106	2	2110689 W0040	Military Museum Building Mtce	\$4,700.00	\$0.00	\$4,700.00	\$2,352.00	\$1,970.59	-16.22%
11	1106	2	2110689 W0048	Railway Museum Building Mtce	\$5,800.00	\$2,000.00	\$7,800.00	\$3,900.00	\$6,345.44	62.70%
11	1106	2	2110689 W0049	Insurance	\$2,400.00	\$4,260.00	\$6,660.00	\$3,330.00	\$6,653.86	99.82%
11	1106	2	2110689 W0050	Heritage Trail Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,245.33	
11	1106	2	2110699	HERITAGE - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
			<b>Operating Expenditure Total</b>		<b>\$116,600.00</b>	<b>\$6,260.00</b>	<b>\$122,860.00</b>	<b>\$61,434.00</b>	<b>\$62,985.98</b>	
11	1106	4	4110610	HERITAGE - Building (Capital)						
11	1106	4	4110610 HC041	Railway Museum - Precinct	\$30,000.00	\$10,000.00	\$40,000.00	\$19,998.00	\$0.00	-100.00%
			<b>Capital Expenditure Total</b>		<b>\$30,000.00</b>	<b>\$10,000.00</b>	<b>\$40,000.00</b>	<b>\$19,998.00</b>	<b>\$0.00</b>	
			<b>Heritage Total</b>		<b>\$146,600.00</b>	<b>\$16,260.00</b>	<b>\$162,860.00</b>	<b>\$81,432.00</b>	<b>\$62,985.98</b>	
11	1107	2	2110700	OTH CUL - Employee Costs	\$182,500.00	\$0.00	\$182,500.00	\$92,598.00	\$72,877.50	-21.30%
11	1107	2	2110712	OTH CUL - ANZAC Day	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743	OTH CUL - Other Festival Events						
11	1107	2	2110743 CT029	Comedy Gold	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT035	Celtic Illusion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT078	Morning Melodies	\$4,000.00	\$0.00	\$4,000.00	\$1,335.00	\$1,550.00	16.10%
11	1107	2	2110743 CT102	Gateway Merredin Festival	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT122	Hotel California - The Eagles Experience	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT128	The Stories Of Swing	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT128A	Stories Of Swing - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT129	Stardust & The Mission	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT129A	Stardust & The Mission - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT130	Merredin Country Music Weekend	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT131	Tony Galati - The Musical	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743 CT131A	Tony Galati - The Musical - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	

11	1107	2	2110743	CT132	Finucane & Smith	\$5,300.00	\$0.00	\$5,300.00	\$2,652.00	\$0.00	-100.00%
11	1107	2	2110743	CT132A	Finucane & Smith - Grant Funded	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743	CT134	David Scheel	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$2,000.00	99.60%
11	1107	2	2110743	CT141	Kalyakoorl Ngalak Warangka	\$4,500.00	\$0.00	\$4,500.00	\$2,250.00	\$2,500.00	11.11%
11	1107	2	2110743	CT143	Alex & Evie and the Forever Falling	\$3,000.00	\$0.00	\$3,000.00	\$0.00	\$3,000.00	
11	1107	2	2110743	CT146	Little Red	\$4,000.00	-\$4,000.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110743	CT178	Other Shows	\$27,200.00	\$0.00	\$27,200.00	\$13,602.00	\$2,000.00	-85.30%
11	1107	2	2110744		OTH CUL - In the House						
11	1107	2	2110744	CT200	In The House Grant	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT201	Edward The Emu	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT202	Brass Monkeys	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT203	Grant Funded Wages	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110744	CT204	Morning Melodies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110745		OTH CUL - Community & Culture Planning	\$12,900.00	-\$7,900.00	\$5,000.00	\$2,502.00	\$0.00	-100.00%
11	1107	2	2110765		OTH CUL - Theatre Operations	\$10,000.00	\$0.00	\$10,000.00	\$5,004.00	\$729.34	-85.42%
11	1107	2	2110786		OTH CUL - Expensed Minor Asset Purchases	\$4,000.00	\$0.00	\$4,000.00	\$3,999.00	\$0.00	-100.00%
11	1107	2	2110787		OTH CUL - Other Expenses						
11	1107	2	2110787	CTG01	General Operating Costs	\$13,000.00	\$0.00	\$13,000.00	\$6,504.00	\$1,091.95	-83.21%
11	1107	2	2110787	CTG03	Licenses And Memberships	\$2,000.00	\$0.00	\$2,000.00	\$1,730.00	\$1,580.64	-8.63%
11	1107	2	2110787	CTG04	Marketing & Promotion	\$4,500.00	\$0.00	\$4,500.00	\$2,653.00	\$1,051.28	-60.37%
11	1107	2	2110787	CTG06	Technical Maintenance	\$15,000.00	\$0.00	\$15,000.00	\$6,834.00	\$2,389.10	-65.04%
11	1107	2	2110787	CTG07	Equipment Purchases	\$4,000.00	\$0.00	\$4,000.00	\$2,004.00	\$161.36	-91.95%
11	1107	2	2110787	CTG08	Equipment Purchases	\$9,500.00	-\$9,500.00	\$0.00	\$0.00	\$12,254.27	
11	1107	2	2110787	CTG09	Gardens Maintenance	\$3,000.00	\$0.00	\$3,000.00	\$1,500.00	\$0.00	-100.00%
11	1107	2	2110787	CTG11	External Hire Expenses	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	2	2110787	CTG13	Kitchener St Residency Expenses	\$6,000.00	\$0.00	\$6,000.00	\$3,000.00	\$509.09	-83.03%
11	1107	2	2110788		OTH CUL - Building Operations						
11	1107	2	2110788	BO002	Cummin Theatre - Building Operations	\$47,200.00	\$9,500.00	\$56,700.00	\$28,344.00	\$18,991.79	-33.00%
11	1107	2	2110789		OTH CUL - Building Maintenance						
11	1107	2	2110789	BM002	Cummin Theatre - Building Maintenance	\$39,000.00	\$0.00	\$39,000.00	\$19,506.00	\$5,949.73	-69.50%
11	1107	2	2110792		OTH CUL - Depreciation	\$214,200.00	\$0.00	\$214,200.00	\$107,100.00	\$95,599.92	-10.74%
11	1107	2	2110799		OTH CUL - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$38,898.00	\$35,078.08	-9.82%
					<b>Operating Expenditure Total</b>	<b>\$694,600.00</b>	<b>-\$11,900.00</b>	<b>\$682,700.00</b>	<b>\$343,017.00</b>	<b>\$259,314.05</b>	
11	1107	3	3110710		OTH CUL - Grants - Theatre Shows						
11	1107	3	3110710	CTG029	Commedy Gold 2022 - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG128	The Stories Of Swing - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG129	Stardust + The Mission By The Space Company - Grant Fur	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG131	Tony Galati The Musical - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG132	Finucane & Smith'S Travelling Dance Hall -- Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110710	CTG134	David Scheel - Grant Funding	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110711		OTH CUL - Other Contributions	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720		OTH CUL - Fees & Charges						

11	1107	3	3110720	CTGI01	Theatre Hire	-\$20,000.00	\$6,000.00	-\$14,000.00	-\$7,008.00	-\$10,371.46	47.99%
11	1107	3	3110720	CTGI02	Mou Rep Club	-\$1,500.00	\$0.00	-\$1,500.00	-\$750.00	\$0.00	-100.00%
11	1107	3	3110720	CTGI04	Ticket Sales	-\$3,500.00	\$2,000.00	-\$1,500.00	-\$756.00	-\$254.54	-66.33%
11	1107	3	3110720	CTGI05	Ticket Sales Rep Club	-\$2,000.00	\$2,000.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTGI06	Inhouse Events	-\$100.00	\$0.00	-\$100.00	-\$48.00	\$0.00	-100.00%
11	1107	3	3110720	CTGI07	Equipment Hire	-\$500.00	\$0.00	-\$500.00	-\$252.00	-\$800.01	217.46%
11	1107	3	3110720	CTGI11	Bar Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTGI14	Technical & Foh Staff	-\$4,500.00	\$2,000.00	-\$2,500.00	-\$1,254.00	-\$979.10	-21.92%
11	1107	3	3110720	CTI029	Comedy Gold 2022	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI035	Celtic Illusion	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI078	Morning Melodies	\$0.00	\$0.00	\$0.00	\$0.00	-\$680.85	
11	1107	3	3110720	CTI108	Stardust & The Mission	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI122	Hotel California - The Eagles Experience	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI126	Stardust + The Mission (Regional Arts Victoria)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI128	The Stories Of Swing - Ticket Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI131	Tony Galatie The Musical - Ticket Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI132	Finucane & Smith's Travelling Dance Hall - Ticket Sales David Scheel - Don't Shoot Piano Player - Tickets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI134		\$0.00	\$0.00	\$0.00	\$0.00	-\$856.69	
11	1107	3	3110720	CTI135	Roald Dahl And The Imagination Seekers	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI137	Rthe American Rock And Role Experience	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI138	The Wiggles - Summer Holiday Fun Tour - Ticket Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI139	The Alphabet Of Awesome Science	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI140	A Salute To The Crooners	\$0.00	\$0.00	\$0.00	\$0.00	\$54.54	
11	1107	3	3110720	CTI141	Kalyakoorl, Ngalak Warangka (Forever We Sing)	\$0.00	\$0.00	\$0.00	\$0.00	-\$306.13	
11	1107	3	3110720	CTI142	Elvis - The Vegas Years	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
11	1107	3	3110720	CTI143	Alex & Evie and the Forever Falling	\$0.00	\$0.00	\$0.00	\$0.00	-\$27.27	
11	1107	3	3110720	CTI201	Edward The Emu - (Ticket Sales)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Income Total</b>						<b>-\$32,100.00</b>	<b>\$12,000.00</b>	<b>-\$20,100.00</b>	<b>-\$10,068.00</b>	<b>-\$14,221.51</b>	
11	1107	4	4110710		OTH CUL - Building (Capital)						
11	1107	4	4110710	BC002	Cummin Theatre - Building (Capital)	\$50,000.00	-\$6,100.00	\$43,900.00	\$21,951.00	\$0.00	-100.00%
11	1107	4	4110730		OTH CUL - Plant & Equipment (Capital)	\$0.00	\$6,100.00	\$6,100.00	\$6,100.00	\$6,200.00	1.64%
<b>Capital Expenditure Total</b>						<b>\$50,000.00</b>	<b>\$0.00</b>	<b>\$50,000.00</b>	<b>\$28,051.00</b>	<b>\$6,200.00</b>	
<b>Other Culture Total</b>						<b>\$712,500.00</b>	<b>-\$6,000.00</b>	<b>\$706,500.00</b>	<b>\$354,900.00</b>	<b>\$245,092.54</b>	
<b>Recreation &amp; Culture Total</b>						<b>\$5,421,200.00</b>	<b>\$265,890.00</b>	<b>\$5,687,090.00</b>	<b>\$2,989,689.00</b>	<b>\$1,901,004.43</b>	
12	1201	3	3120110		ROADC - Regional Road Group Grants (MRWA)	-\$673,600.00	\$26,700.00	-\$646,900.00	-\$323,448.00	-\$269,465.00	-16.69%
12	1201	3	3120111		ROADC - Roads to Recovery Grant	-\$705,700.00	\$12,500.00	-\$693,200.00	-\$346,602.00	-\$73,287.00	-78.86%
12	1201	3	3120118		ROADC - Wheatbelt Secondary Freight Network (WSFN)	-\$3,443,700.00	-\$589,200.00	-\$4,032,900.00	-\$2,016,450.00	-\$1,661,262.60	-17.61%
<b>Operating Income Total</b>						<b>-\$4,823,000.00</b>	<b>-\$550,000.00</b>	<b>-\$5,373,000.00</b>	<b>-\$2,686,500.00</b>	<b>-\$2,004,014.60</b>	
12	1201	4	4120140		ROADC - Roads Built Up Area - Council Funded						
12	1201	4	4120140	RC135	Barrack Street (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120140	RC401	Line Marking Program	\$35,000.00	\$0.00	\$35,000.00	\$0.00	\$0.00	

12	1201	4	4120140	RC402	Signage Replacement Program	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120141		ROADC - Roads Outside BUA - Sealed - Council Funded						
12	1201	4	4120141	RC239	Merredin-Naremben Road (Capital)	\$3,975,600.00	\$318,100.00	\$4,293,700.00	\$2,146,848.00	\$1,775,820.65	-17.28%
12	1201	4	4120142	RC090	Goldfields Road (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$2,868.37	
12	1201	4	4120144		ROADC - Roads Built Up Area - Roads to Recovery						
12	1201	4	4120144	R2R000	To Be Allocated	\$37,000.00	\$0.00	\$37,000.00	\$18,498.00	\$0.00	-100.00%
12	1201	4	4120144	R2R283	Nolan Street (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120145		ROADC - Roads Outside BUA - Sealed - Roads to Recovery						
12	1201	4	4120145	R2R011	Totadgin Hall Road (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120145	R2R072	Crooks Road (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120146	R2R090	Goldfields Road (R2R)	\$0.00	\$0.00	\$0.00	\$0.00	\$6,386.71	
12	1201	4	4120149		ROADC - Roads Outside BUA - Sealed - Regional Road Group						
12	1201	4	4120149	RRG003	Bullshead Road (Rrg)	\$160,000.00	\$0.00	\$160,000.00	\$0.00	\$132,920.00	
12	1201	4	4120149	RRG072	Crooks Road (Rrg)	\$282,200.00	-\$120,000.00	\$162,200.00	\$81,102.00	\$450.00	-99.45%
12	1201	4	4120149	RRG239	Merredin-Naramben Road	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120150		ROADC - Roads Outside BUA - Gravel - Regional Road Group						
12	1201	4	4120150	RRG090	Goldfields Road (Rrg)	\$486,800.00	\$80,100.00	\$566,900.00	\$283,452.00	\$0.00	-100.00%
12	1201	4	4120150	RRG015	Goldfields Road (Rrg)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120165		ROADC - Drainage Built Up Area (Capital)						
12	1201	4	4120165	DC142	French Avenue - Drainage Capital	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1201	4	4120170		ROADC - Footpaths and Cycleways (Capital)						
12	1201	4	4120170	FC000	Footpath Construction General (Budgeting Only)	\$110,800.00	-\$43,000.00	\$67,800.00	\$33,900.00	\$0.00	-100.00%
<b>Capital Expenditure Total</b>						<b>\$5,087,400.00</b>	<b>\$235,200.00</b>	<b>\$5,322,600.00</b>	<b>\$2,563,800.00</b>	<b>\$1,918,445.73</b>	
<b>Construction - Streets, Roads, Bridges &amp; Depots Total</b>						<b>\$264,400.00</b>	<b>-\$314,800.00</b>	<b>-\$50,400.00</b>	<b>-\$122,700.00</b>	<b>-\$85,568.87</b>	
12	1202	2	2120211		ROADM - Road Maintenance - Built Up Areas						
12	1202	2	2120211	FM000	Footpath Maintenance General (Budgeting Only)	\$355,000.00	\$0.00	\$355,000.00	\$177,498.00	\$0.00	-100.00%
12	1202	2	2120211	FM140	Coronation Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	FM142	French Avenue - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$493.32	
12	1202	2	2120211	FM145	King Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,724.54	
12	1202	2	2120211	FM146	George Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,062.94	
12	1202	2	2120211	FM153	Throssell Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$8,906.07	
12	1202	2	2120211	FM156	Hart Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$255.08	
12	1202	2	2120211	FM157	Haig Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$737.74	
12	1202	2	2120211	FM171	Hay Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$763.95	
12	1202	2	2120211	FM180	Aspland Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	FM196	Boyd Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	FM198	Princess Street - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,419.24	
12	1202	2	2120211	FM225	Abattoir Road - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$341.14	
12	1202	2	2120211	FM277	South Avenue - Footpath Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	RM102	Insignia Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,431.63	
12	1202	2	2120211	RM104	Insignia Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,096.94	
12	1202	2	2120211	RM113	Dobson Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,154.54	

12	1202	2	2120211	RM133	Parkes Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM135	Barrack Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$10,164.10
12	1202	2	2120211	RM136	Bates Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,022.13
12	1202	2	2120211	RM137	Mitchell Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,266.14
12	1202	2	2120211	RM138	Fifth Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,108.95
12	1202	2	2120211	RM139	Queen Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,193.78
12	1202	2	2120211	RM140	Coronation Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$9,266.31
12	1202	2	2120211	RM141	Duff Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,429.36
12	1202	2	2120211	RM142	French Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$488.30
12	1202	2	2120211	RM144	Woolgar Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,523.68
12	1202	2	2120211	RM145	King Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$963.13
12	1202	2	2120211	RM146	George Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$596.39
12	1202	2	2120211	RM147	Pollock Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,574.50
12	1202	2	2120211	RM148	Caw Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$739.16
12	1202	2	2120211	RM149	Endersbee Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,576.01
12	1202	2	2120211	RM150	Kitchener Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$7,456.91
12	1202	2	2120211	RM151	Growden Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,095.42
12	1202	2	2120211	RM152	Cunningham Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,027.65
12	1202	2	2120211	RM153	Throssell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,240.14
12	1202	2	2120211	RM154	Mary Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,012.49
12	1202	2	2120211	RM155	Hobbs Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM156	Hart Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM157	Haig Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,115.72
12	1202	2	2120211	RM158	Golf Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$297.52
12	1202	2	2120211	RM159	Allbeury Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,338.85
12	1202	2	2120211	RM160	Craddock Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM161	Jellicoe Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$300.79
12	1202	2	2120211	RM162	Morton Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM163	Farrar Parade - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,040.67
12	1202	2	2120211	RM164	Jubilee Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM165	Hunter Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$232.83
12	1202	2	2120211	RM166	Mill Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,635.91
12	1202	2	2120211	RM167	Council Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM168	Kendall Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$190.31
12	1202	2	2120211	RM169	Snell Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,432.83
12	1202	2	2120211	RM170	Pioneer Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$485.31
12	1202	2	2120211	RM171	Hay Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,395.73
12	1202	2	2120211	RM172	Colin Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$998.79
12	1202	2	2120211	RM173	Stephen Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$439.85
12	1202	2	2120211	RM174	Alfred Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,116.96
12	1202	2	2120211	RM175	Telfer Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$768.56
12	1202	2	2120211	RM176	Cummings Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$817.43



12	1202	2	2120211	RM177	Gilmore Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM178	Tomlinson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM179	Bower Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM180	Aspland Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,338.28
12	1202	2	2120211	RM181	Muscat Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM182	Pereira Drive - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$309.49
12	1202	2	2120211	RM183	Saleyard Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM184	Allenby Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$360.38
12	1202	2	2120211	RM185	Lefroy Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM186	Ellis Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,582.15
12	1202	2	2120211	RM187	Pool Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$330.96
12	1202	2	2120211	RM188	Todd West Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$544.19
12	1202	2	2120211	RM189	Oat Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM190	Macdonald Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$687.33
12	1202	2	2120211	RM191	Haines Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM192	Solomon Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM193	Cohn Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,070.18
12	1202	2	2120211	RM194	Priestley Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM195	Hill Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$309.49
12	1202	2	2120211	RM196	Boyd Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM197	Jackson Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM198	Princess Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$836.03
12	1202	2	2120211	RM199	Brewery Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM200	Benson Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM201	Watson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM202	Barr Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM203	Harling Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM204	Third Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$403.01
12	1202	2	2120211	RM205	O'Connor Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$451.81
12	1202	2	2120211	RM206	Limbourne Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$512.61
12	1202	2	2120211	RM207	Edwards Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM212	Yorrell Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$737.56
12	1202	2	2120211	RM213	Gamenya Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,875.00
12	1202	2	2120211	RM214	Warne Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,280.76
12	1202	2	2120211	RM215	Burracoppin Siding Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM217	Davies Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120211	RM218	Oats - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,320.14
12	1202	2	2120211	RM219	Cassia Street Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM220	Acacia Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120211	RM221	Cowan Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,027.50
12	1202	2	2120211	RM222	Dolton Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$161.70
12	1202	2	2120211	RM223	Cummings Crescent - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$796.84

12	1202	2	2120211	RM224	Lewis Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM226	Mckenzie Crescent - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM227	Hearles Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	RM229	Hawker Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$915.00	
12	1202	2	2120211	RM230	Crossland Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM231	Fagans Folly Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$907.80	
12	1202	2	2120211	RM232	Smith Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$948.25	
12	1202	2	2120211	RM233	Easton Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM235	Davies Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM240	Second Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,413.43	
12	1202	2	2120211	RM244	East Barrack St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,106.93	
12	1202	2	2120211	RM245	Todd St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,079.05	
12	1202	2	2120211	RM250	Whitfield Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$317.89	
12	1202	2	2120211	RM251	Cohn St Service Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM253	Carrington Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$208.59	
12	1202	2	2120211	RM256	Main St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM257	Whittleton St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM261	Service Road 1 Duff St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	RM264	Service Lane 4 Fifth St - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM265	Lewis Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$794.99	
12	1202	2	2120211	RM266	Mckenzie Crescent - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM274	Service Road 14 Haig Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$309.94	
12	1202	2	2120211	RM275	Gerbert Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM276	Caridi Close - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$327.79	
12	1202	2	2120211	RM277	South Avenue - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,681.24	
12	1202	2	2120211	RM278	Chegwidden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,169.45	
12	1202	2	2120211	RM279	Railway Parade - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,164.14	
12	1202	2	2120211	RM283	Nolan Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM286	Mcginniss Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$175.23	
12	1202	2	2120211	RM290	Doyle Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120211	RM291	Coghill Street - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120211	RM292	Byrne Lane - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$402.48	
12	1202	2	2120211	RM293	Maiolo Way - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79	
12	1202	2	2120212		ROADM - Road Maintenance - Sealed Outside BUA						
12	1202	2	2120212	RM000	Roadm - Rd Maint - Sealed Outside (Budget Only)	\$175,500.00	\$0.00	\$175,500.00	\$87,750.00	\$0.00	-100.00%
12	1202	2	2120212	RM001	Chandler Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$14,286.00	
12	1202	2	2120212	RM002	Hines Hill Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,172.36	
12	1202	2	2120212	RM003	Bullshead Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,806.40	
12	1202	2	2120212	RM004	Brissenden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$9,822.64	
12	1202	2	2120212	RM005	Burracoppin-Campion Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$12,016.98	
12	1202	2	2120212	RM006	Nangeenan North Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,057.28	
12	1202	2	2120212	RM008	Knungajin-Merredin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,047.68	

12	1202	2	2120212	RM009	Hines Hill North Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,770.89
12	1202	2	2120212	RM010	Korbel West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120212	RM011	Totadgin Hall Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,146.64
12	1202	2	2120212	RM012	Nokaning West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$6,839.09
12	1202	2	2120212	RM017	Fewster Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM043	Wogarl-Muntadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM052	Dulyalbin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM054	Connell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM056	Robartson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,481.29
12	1202	2	2120212	RM072	Crooks Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,299.77
12	1202	2	2120212	RM126	Smith Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM128	Giles Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$893.55
12	1202	2	2120212	RM129	Rutter Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$771.97
12	1202	2	2120212	RM130	Giraud Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,231.02
12	1202	2	2120212	RM131	Thiel Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,231.05
12	1202	2	2120212	RM132	Potter Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM134	Hughes Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120212	RM238	Doodlakine-Bruce Rock Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$147.79
12	1202	2	2120212	RM239	Merredin-Naremben Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$14,111.62
12	1202	2	2120212	RM247	Barrack St Spur - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$136.61
12	1202	2	2120212	RM259	Nukarni Bin Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213		ROADM - Road Maintenance - Gravel Outside BUA					
12	1202	2	2120213	RM007	Korbrelkulling Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,221.06
12	1202	2	2120213	RM013	Nukarni East Road- Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,410.15
12	1202	2	2120213	RM015	Burracoppin South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$12,043.38
12	1202	2	2120213	RM016	Baandee South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$745.75
12	1202	2	2120213	RM018	Muntadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$12,250.25
12	1202	2	2120213	RM023	Pitt Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,459.70
12	1202	2	2120213	RM026	Endersbee Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,400.75
12	1202	2	2120213	RM028	Muntadgin Tandegin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,125.43
12	1202	2	2120213	RM031	Southcott Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM034	Collgar South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,717.91
12	1202	2	2120213	RM037	Goomarin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,315.11
12	1202	2	2120213	RM042	Dunlop Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,039.37
12	1202	2	2120213	RM045	Bicks Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,866.47
12	1202	2	2120213	RM047	Barr Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM057	Johnston Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM065	Coupar Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,061.87
12	1202	2	2120213	RM068	Collgar West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM069	Armstrong Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
12	1202	2	2120213	RM090	Goldfields Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$7,496.29
12	1202	2	2120213	RM092	Dunwell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$909.09

12	1202	2	2120213	RM095	Coulahan Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120213	RM098	Liebeck Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120213	RM124	Hicks Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$996.97	
12	1202	2	2120213	RM208	Spur Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,795.04	
12	1202	2	2120213	RM237	Duffy Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120213	RM246	Ellery Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,048.19	
12	1202	2	2120213	RM901	Roadm - Rd Maint - Gravel Outside (Budget Only)	\$205,000.00	\$0.00	\$205,000.00	\$102,504.00	\$0.00	-100.00%
12	1202	2	2120214		ROADM - Road Maintenance - Formed Outside BUA						
12	1202	2	2120213	RM014	Roadm - Rd Maint - Gravel Outside (Budget Only)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM019	Neening Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM020	Pustkuchen Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$12,311.61	
12	1202	2	2120214	RM021	Hines Hill-Korbel Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,105.72	
12	1202	2	2120214	RM022	Neening Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$7,597.40	
12	1202	2	2120214	RM024	Old Muntadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,924.35	
12	1202	2	2120214	RM025	Goodier Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,491.50	
12	1202	2	2120214	RM027	Spring Well Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$10,882.55	
12	1202	2	2120214	RM029	Nokaning East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,778.45	
12	1202	2	2120214	RM030	Pustkuchen Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,491.48	
12	1202	2	2120214	RM032	Downsborough Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,977.01	
12	1202	2	2120214	RM033	Booran South Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$5,374.77	
12	1202	2	2120214	RM035	Hubeck Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$4,266.62	
12	1202	2	2120214	RM036	Korbel East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,086.97	
12	1202	2	2120214	RM038	Hardman Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,031.50	
12	1202	2	2120214	RM040	Tandegin East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,249.76	
12	1202	2	2120214	RM044	Koonadgin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,536.42	
12	1202	2	2120214	RM046	Currie Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,983.86	
12	1202	2	2120214	RM048	Burracoppin North West Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM050	Last Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,173.93	
12	1202	2	2120214	RM051	Hart Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.26	
12	1202	2	2120214	RM053	Osborne Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM055	Teasdale Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,177.09	
12	1202	2	2120214	RM058	Growden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,498.54	
12	1202	2	2120214	RM059	Willis Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM060	Briant Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$6,551.93	
12	1202	2	2120214	RM062	Talgomine Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,166.48	
12	1202	2	2120214	RM063	Korbelka Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM064	Mcgellin Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM066	Crees Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,166.51	
12	1202	2	2120214	RM067	Ogden Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM073	Fourtenn Mile Gate Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,227.23	
12	1202	2	2120214	RM075	Arnold Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,166.50	

12	1202	2	2120214	RM076	Scott Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,031.87	
12	1202	2	2120214	RM077	Peel Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM078	Feineler Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM080	Old Nukarni Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,829.00	
12	1202	2	2120214	RM081	Burke Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,643.23	
12	1202	2	2120214	RM082	Woodward Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,122.63	
12	1202	2	2120214	RM083	Hendrick Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,100.14	
12	1202	2	2120214	RM084	Booran North Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM085	Barnes Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,829.00	
12	1202	2	2120214	RM086	Cahill Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,543.95	
12	1202	2	2120214	RM087	Fitzpatrick Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM088	Snell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,476.65	
12	1202	2	2120214	RM091	Bassula Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM093	Norpa Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,024.74	
12	1202	2	2120214	RM094	Hines Hill Siding Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM096	Ulva Siding Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$771.96	
12	1202	2	2120214	RM099	Legge Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.23	
12	1202	2	2120214	RM100	Day Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.23	
12	1202	2	2120214	RM101	Bignell Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM103	Dobson Raod - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM105	Fisher East Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM111	Thynet Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$2,088.04	
12	1202	2	2120214	RM115	Tuppen Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM116	Koonadgin Sourth Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM121	Gigney Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,019.05	
12	1202	2	2120214	RM123	Clarke Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,083.25	
12	1202	2	2120214	RM209	Della Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM210	Pink Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM211	Clement Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM236	Newport Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,016.87	
12	1202	2	2120214	RM242	Unknown Rd - Munty - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,086.97	
12	1202	2	2120214	RM243	Adamson Road - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
12	1202	2	2120214	RM248	Junk Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$819.50	
12	1202	2	2120214	RM252	Goldfields Rd - West - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,561.19	
12	1202	2	2120214	RM258	Unknown Rd - Road Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$3,215.54	
12	1202	2	2120214	RM902	Roadm - Rd Maint - Formed Outside (Budget Only)	\$450,000.00	\$0.00	\$450,000.00	\$225,000.00	\$0.00	-100.00%
12	1202	2	2120234	ROADM - Street Lighting	\$191,400.00	\$0.00	\$191,400.00	\$95,700.00	\$77,727.11	-18.78%	
12	1202	2	2120235	RS001	Safety Equipment	\$20,000.00	\$0.00	\$20,000.00	\$10,002.00	\$1,432.36	-85.68%
12	1202	2	2120235	RS002	Portable Traffic Lights	\$10,000.00	\$0.00	\$10,000.00	\$4,998.00	\$0.00	-100.00%
12	1202	2	2120235	RS003	Road Counters	\$10,000.00	\$0.00	\$10,000.00	\$4,998.00	\$0.00	-100.00%
12	1202	2	2120265	ROADM - Drainage Maintenance Built Up Areas							
12	1202	2	2120265	DM000	Roadm - Drainage Maint Built Up Areas (Budget Only)	\$50,000.00	\$0.00	\$50,000.00	\$25,002.00	\$0.00	-100.00%

12	1202	2	2120265	DM135	Barrack Street - Drainage Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$544.37	
12	1202	2	2120265	DM150	Kitchener Road - Drainage Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$516.99	
12	1202	2	2120265	DM172	Colin Street - Drainage Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$616.21	
12	1202	2	2120266	DM009	Hines Hill North Road - Drainage Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$1,445.00	
12	1202	2	2120286		ROADM - Workshop/Depot Expensed Equipment	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$190.65	-80.97%
12	1202	2	2120287		ROADM - Other Expenses	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$188.94	-92.45%
12	1202	2	2120288		ROADM - Depot Building Operations	\$11,700.00	\$0.00	\$11,700.00	\$5,435.00	\$2,208.60	-59.36%
12	1202	2	2120289		ROADM - Depot Building Maintenance	\$31,500.00	\$0.00	\$31,500.00	\$15,744.00	\$17,335.61	10.11%
12	1202	2	2120292		ROADM - Depreciation	\$3,649,100.00	\$0.00	\$3,649,100.00	\$1,824,552.00	\$1,234,096.72	-32.36%
<b>Operating Expenditure Total</b>						<b>\$5,166,200.00</b>	<b>\$0.00</b>	<b>\$5,166,200.00</b>	<b>\$2,582,687.00</b>	<b>\$1,758,954.85</b>	
12	1202	3	3120200		ROADM - Street Lighting Subsidy	-\$20,900.00	\$0.00	-\$20,900.00	\$0.00	\$0.00	
12	1202	3	3120201		ROADM - Road Contribution Income	-\$285,900.00	\$0.00	-\$285,900.00	-\$142,950.00	-\$195,078.34	36.47%
12	1202	3	3120210		ROADM - Direct Road Grant (MRWA)	-\$251,200.00	-\$5,200.00	-\$256,400.00	-\$128,202.00	-\$256,337.00	99.95%
<b>Operating Income Total</b>						<b>-\$558,000.00</b>	<b>-\$5,200.00</b>	<b>-\$563,200.00</b>	<b>-\$271,152.00</b>	<b>-\$451,415.34</b>	
<b>Maintenance - Streets, Roads, Bridges &amp; Depots Total</b>						<b>\$4,608,200.00</b>	<b>-\$5,200.00</b>	<b>\$4,603,000.00</b>	<b>\$2,311,535.00</b>	<b>\$1,307,539.51</b>	
12	1203	2	2120391		PLANT - Loss on Disposal of Assets	\$11,700.00	\$0.00	\$11,700.00	\$5,850.00	\$0.00	-100.00%
<b>Operating Expenditure Total</b>						<b>\$11,700.00</b>	<b>\$0.00</b>	<b>\$11,700.00</b>	<b>\$5,850.00</b>	<b>\$0.00</b>	
12	1203	3	3120390		PLANT - Profit on Disposal of Assets	-\$113,800.00	\$0.00	-\$113,800.00	-\$56,898.00	\$0.00	-100.00%
12	1203	3	5120350		PLANT - Proceeds on Disposal of Assets	-\$205,900.00	\$0.00	-\$205,900.00	-\$102,948.00	\$0.00	-100.00%
12	1203	3	5120351		PLANT - Realisation on Disposal of Assets	\$205,900.00	\$0.00	\$205,900.00	\$102,948.00	\$0.00	-100.00%
<b>Operating Income Total</b>						<b>-\$113,800.00</b>	<b>\$0.00</b>	<b>-\$113,800.00</b>	<b>-\$56,898.00</b>	<b>\$0.00</b>	
12	1203	4	4120330		PLANT - Plant & Equipment (Capital)	\$629,900.00	\$74,000.00	\$703,900.00	\$703,900.00	\$275,968.93	-60.79%
<b>Capital Expenditure Total</b>						<b>\$629,900.00</b>	<b>\$74,000.00</b>	<b>\$703,900.00</b>	<b>\$703,900.00</b>	<b>\$275,968.93</b>	
<b>Road Plant Purchases Total</b>						<b>\$527,800.00</b>	<b>\$74,000.00</b>	<b>\$601,800.00</b>	<b>\$652,852.00</b>	<b>\$275,968.93</b>	
12	1205	2	2120500		LICENSING - Employee Costs	\$79,100.00	\$0.00	\$79,100.00	\$40,198.00	\$39,803.27	-0.98%
12	1205	2	2120599		LICENSING - Administration Allocated	\$25,900.00	\$0.00	\$25,900.00	\$12,948.00	\$11,692.69	-9.70%
<b>Operating Expenditure Total</b>						<b>\$105,000.00</b>	<b>\$0.00</b>	<b>\$105,000.00</b>	<b>\$53,146.00</b>	<b>\$51,495.96</b>	
12	1205	3	3120502		LICENSING - Transport Licensing Commission	-\$76,000.00	\$0.00	-\$76,000.00	-\$37,998.00	-\$38,299.64	0.79%
<b>Operating Income Total</b>						<b>-\$76,000.00</b>	<b>\$0.00</b>	<b>-\$76,000.00</b>	<b>-\$37,998.00</b>	<b>-\$38,299.64</b>	
<b>Traffic Control (Vehicle Licensing) Total</b>						<b>\$29,000.00</b>	<b>\$0.00</b>	<b>\$29,000.00</b>	<b>\$15,148.00</b>	<b>\$13,196.32</b>	
12	1207	2	2120752		WATER - Consultants	\$120,000.00	\$0.00	\$120,000.00	\$60,000.00	\$0.00	-100.00%
12	1207	2	2120800		WATER - Projects	\$9,000.00	\$0.00	\$9,000.00	\$4,500.00	\$1,272.37	-71.73%
<b>Operating Expenditure Total</b>						<b>\$129,000.00</b>	<b>\$0.00</b>	<b>\$129,000.00</b>	<b>\$64,500.00</b>	<b>\$1,272.37</b>	
12	1207	3	3120750		WATER - Community Water Supply Program - Grant 1	-\$89,100.00	\$0.00	-\$89,100.00	-\$89,100.00	-\$19,804.00	-77.77%
12	1207	3	3120751		WATER - Community Water Supply Program - Grant 2.	-\$100,000.00	\$0.00	-\$100,000.00	\$0.00	-\$10,000.00	
<b>Operating Income Total</b>						<b>-\$189,100.00</b>	<b>\$0.00</b>	<b>-\$189,100.00</b>	<b>-\$89,100.00</b>	<b>-\$29,804.00</b>	
12	1207	4	4120790		WATER - Infrastructure Other (Capital)						
12	1207	4	4120790	WC002	Watersmart Farms - Desalination Project	\$100,000.00	\$0.00	\$100,000.00	\$49,998.00	\$51,071.96	2.15%
12	1207	4	4120790	WC003	MRWN Upgrade	\$180,000.00	\$0.00	\$180,000.00	\$0.00	\$34,239.50	
<b>Capital Expenditure Total</b>						<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$100,000.00</b>	<b>\$49,998.00</b>	<b>\$85,311.46</b>	
<b>Water Transport Facilities Total</b>						<b>\$39,900.00</b>	<b>\$0.00</b>	<b>\$39,900.00</b>	<b>\$25,398.00</b>	<b>\$56,779.83</b>	
<b>Transport Total</b>						<b>\$5,469,300.00</b>	<b>-\$246,000.00</b>	<b>\$5,223,300.00</b>	<b>\$2,882,233.00</b>	<b>\$1,533,676.22</b>	

13	1302	2	2130200	TOURISM - Employee Costs	\$218,000.00	\$0.00	\$218,000.00	\$110,052.00	\$140,247.72	27.44%
13	1302	2	2130240	TOURISM - Public Relations & Area Promotion						
13	1302	2	2130240	W0176 Postage & Freight	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	2	2130240	W0179 Merredin Marketing	\$1,200.00	\$0.00	\$1,200.00	\$600.00	\$54.17	-90.97%
13	1302	2	2130240	W0180 Photograph Inventory	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
13	1302	2	2130240	W0182 Strategic Marketing	\$8,000.00	\$0.00	\$8,000.00	\$4,002.00	\$0.00	-100.00%
13	1302	2	2130240	W0183 Website Design	\$14,500.00	\$0.00	\$14,500.00	\$14,500.00	\$6,600.00	-54.48%
13	1302	2	2130287	TOURISM - Other Expenses						
13	1302	2	2130287	W0188 Phone, Postage & Freight	\$1,400.00	\$0.00	\$1,400.00	\$851.00	\$270.18	-68.25%
13	1302	2	2130287	W0189 Office Expenses	\$3,200.00	\$0.00	\$3,200.00	\$1,625.00	\$992.65	-38.91%
13	1302	2	2130287	W0190 It Expenses	\$3,000.00	\$0.00	\$3,000.00	\$1,500.00	\$725.00	-51.67%
13	1302	2	2130287	W0191 Membership/Associations	\$2,500.00	\$0.00	\$2,500.00	\$1,248.00	\$1,734.20	38.96%
13	1302	2	2130287	W0195 Merchandise & Consignment	\$17,000.00	\$0.00	\$17,000.00	\$8,502.00	\$8,450.60	-0.60%
13	1302	2	2130287	W0199 Transwa	\$30,500.00	\$0.00	\$30,500.00	\$15,252.00	\$15,373.69	0.80%
13	1302	2	2130287	W0209 Regional Marketing Initiatives & Advertising	\$3,500.00	\$0.00	\$3,500.00	\$1,752.00	\$2,605.00	48.69%
13	1302	2	2130287	W0210 Trade Shows	\$2,000.00	\$0.00	\$2,000.00	\$0.00	\$0.00	
13	1302	2	2130287	W0211 Pioneer Pathways	\$4,500.00	\$0.00	\$4,500.00	\$4,500.00	\$3,500.00	-22.22%
13	1302	2	2130287	W0212 Eastern Wheatbelt Holiday Planner	\$35,000.00	\$0.00	\$35,000.00	\$17,502.00	\$2,001.78	-88.56%
13	1302	2	2130287	W0213 Central Wheatbelt Map	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	2	2130287	W0214 Training Opportunities	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
13	1302	2	2130287	W0216 Merredin Brochure	\$7,000.00	\$0.00	\$7,000.00	\$3,498.00	\$4,885.91	39.68%
13	1302	2	2130287	W0219 Signage & Marketing Equipment	\$3,500.00	\$0.00	\$3,500.00	\$1,752.00	\$624.00	-64.38%
13	1302	2	2130287	W0220 Hire Bike Mtce	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	2	2130288	TOURISM - Building Operations						
13	1302	2	2130288	BO003 Visitors Centre - Building Operations	\$18,600.00	\$0.00	\$18,600.00	\$9,294.00	\$6,789.92	-26.94%
13	1302	2	2130289	TOURISM - Building Maintenance						
13	1302	2	2130289	BM003 Visitors Centre - Building Maintenance	\$3,600.00	\$1,000.00	\$4,600.00	\$2,298.00	\$2,062.42	-10.25%
13	1302	2	2130289	W0230 Buildings Maintenance	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	2	2130292	TOURISM - Depreciation	\$17,900.00	\$0.00	\$17,900.00	\$8,952.00	\$7,504.75	-16.17%
13	1302	2	2130299	TOURISM - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>					<b>\$500,600.00</b>	<b>\$1,000.00</b>	<b>\$501,600.00</b>	<b>\$260,528.00</b>	<b>\$251,192.75</b>	
13	1302	3	3130201	TOURISM - Reimbursements	-\$35,800.00	\$0.00	-\$35,800.00	-\$16,618.00	-\$18,081.66	8.81%
13	1302	3	3130235	TOURISM - Other Income Relating to Tourism & Area Promotion						
13	1302	3	3130235	W0250 Eastern Wheatbelt Holiday Planner	-\$35,000.00	\$0.00	-\$35,000.00	-\$17,499.00	\$0.00	-100.00%
13	1302	3	3130235	W0251 Central Wheatbelt Map	-\$4,000.00	\$0.00	-\$4,000.00	-\$4,002.00	\$0.00	-100.00%
13	1302	3	3130235	W0252 Merredin Brochures	-\$4,000.00	-\$2,220.00	-\$6,220.00	-\$3,114.00	-\$6,220.95	99.77%
13	1302	3	3130235	W0256 Tourism Package Income	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	3	3130235	W0258 Regional Brochure Postage	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1302	3	3130235	W0270 Cwvc Annual Memberships	-\$16,900.00	\$0.00	-\$16,900.00	-\$16,902.00	-\$1,969.99	-88.34%
13	1302	3	3130235	W0271 Consignment Merchandise	-\$12,000.00	\$0.00	-\$12,000.00	-\$8,817.00	-\$6,171.19	-30.01%
13	1302	3	3130235	W0273 Merchandise Income	-\$9,000.00	\$0.00	-\$9,000.00	-\$4,500.00	-\$7,131.95	58.49%
13	1302	3	3130235	W0274 All Other Vc Income	-\$800.00	\$0.00	-\$800.00	-\$402.00	-\$899.18	123.68%

13	1302	3	3130835	OTHER ECON - Other Income	-\$400.00	\$0.00	-\$400.00	-\$204.00	\$0.00	-100.00%
13	1302	3	3130835	CDI006 Christmas/Gala Night	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Operating Income Total</b>					<b>-\$117,900.00</b>	<b>-\$2,220.00</b>	<b>-\$120,120.00</b>	<b>-\$72,058.00</b>	<b>-\$40,474.92</b>	
<b>Tourism And Area Promotion Total</b>					<b>\$382,700.00</b>	<b>-\$1,220.00</b>	<b>\$381,480.00</b>	<b>\$188,470.00</b>	<b>\$210,717.83</b>	
13	1303	2	2130300	BUILD - Employee Costs	\$179,300.00	\$0.00	\$179,300.00	\$89,652.00	\$78,139.51	-12.84%
13	1303	2	2130309	BUILD - Travel & Accommodation	\$1,000.00	\$0.00	\$1,000.00	\$498.00	\$0.00	-100.00%
13	1303	2	2130310	BUILD - Motor Vehicle Expenses	\$7,000.00	\$0.00	\$7,000.00	\$3,498.00	\$1,403.49	-59.88%
13	1303	2	2130350	BUILD - Contract Building Services	\$10,000.00	\$0.00	\$10,000.00	\$4,998.00	\$4,200.00	-15.97%
13	1303	2	2130387	BUILD - Other Expenses	\$2,500.00	\$0.00	\$2,500.00	\$1,248.00	\$2,763.82	121.46%
13	1303	2	2130392	BUILD - Depreciation	\$22,100.00	\$0.00	\$22,100.00	\$11,052.00	\$9,226.21	-16.52%
13	1303	2	2130399	BUILD - Administration Allocated	\$77,800.00	\$0.00	\$77,800.00	\$38,898.00	\$35,078.08	-9.82%
<b>Operating Expenditure Total</b>					<b>\$299,700.00</b>	<b>\$0.00</b>	<b>\$299,700.00</b>	<b>\$149,844.00</b>	<b>\$130,811.11</b>	
13	1303	3	3130302	BUILD - Commissions - BSL & CTF	-\$500.00	\$400.00	-\$100.00	-\$48.00	-\$100.69	109.77%
13	1303	3	3130320	BUILD - Fees & Charges (Licences)	-\$7,500.00	\$0.00	-\$7,500.00	-\$3,750.00	-\$5,193.79	38.50%
13	1303	3	3130335	BUILD - Other Income	-\$500.00	\$0.00	-\$500.00	-\$252.00	\$0.00	-100.00%
<b>Operating Income Total</b>					<b>-\$8,500.00</b>	<b>\$400.00</b>	<b>-\$8,100.00</b>	<b>-\$4,050.00</b>	<b>-\$5,294.48</b>	
<b>Building Control Total</b>					<b>\$291,200.00</b>	<b>\$400.00</b>	<b>\$291,600.00</b>	<b>\$145,794.00</b>	<b>\$125,516.63</b>	
13	1308	2	2130800	OTH ECON - Employee Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1308	2	2130810	OTH ECON - Motor Vehicle Expenses	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$0.00	-100.00%
13	1308	2	2130820	OTH ECON - Communication Expenses	\$500.00	\$0.00	\$500.00	\$252.00	\$207.18	-17.79%
13	1308	2	2130865	OTH ECON - Standpipe Maintenance/Operations						
13	1308	2	2130865	W0262 Stand Pipes	\$50,400.00	\$0.00	\$50,400.00	\$25,206.00	\$14,020.19	-44.38%
13	1308	2	2130887	OTH ECON - Other Expenditure						
13	1308	2	2130887	CD001 Community Development Events	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1308	2	2130887	CD004 Community Development Events	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
13	1308	2	2130887	CD006 Christmas / Gala Night	\$0.00	\$0.00	\$0.00	\$0.00	\$7,113.82	
13	1308	2	2130899	OTH ECON - Administration Allocated	\$103,700.00	\$0.00	\$103,700.00	\$51,852.00	\$46,770.76	-9.80%
<b>Operating Expenditure Total</b>					<b>\$156,600.00</b>	<b>\$0.00</b>	<b>\$156,600.00</b>	<b>\$78,312.00</b>	<b>\$68,111.95</b>	
13	1308	3	3130821	OTH ECON - Standpipe Income	-\$8,500.00	\$0.00	-\$8,500.00	-\$4,248.00	-\$12.82	-99.70%
13	1302	3	3130835	CDI034 Events Trailer Hire	-\$400.00	\$0.00	-\$400.00	-\$204.00	-\$109.10	-46.52%
<b>Operating Income Total</b>					<b>-\$8,900.00</b>	<b>\$0.00</b>	<b>-\$8,900.00</b>	<b>-\$4,452.00</b>	<b>-\$121.92</b>	
13	1308	4	4130890	OTH ECON - Infrastructure Other (Capital)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
<b>Capital Expenditure Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
<b>Other Economic Services Total</b>					<b>\$147,700.00</b>	<b>\$0.00</b>	<b>\$147,700.00</b>	<b>\$73,860.00</b>	<b>\$67,990.03</b>	
<b>Economic Services Total</b>					<b>\$821,600.00</b>	<b>-\$820.00</b>	<b>\$820,780.00</b>	<b>\$408,124.00</b>	<b>\$404,224.49</b>	
14	1401	2	2140187	PRIVATE - Other Expenses						
14	1401	2	2140187	PW000 Private Works General (Budgeting Only)	\$13,200.00	\$0.00	\$13,200.00	\$6,600.00	\$498.21	-92.45%
<b>Operating Expenditure Total</b>					<b>\$13,200.00</b>	<b>\$0.00</b>	<b>\$13,200.00</b>	<b>\$6,600.00</b>	<b>\$498.21</b>	
14	1401	3	3140120	PRIVATE - Private Works Income	-\$13,200.00	\$0.00	-\$13,200.00	-\$6,600.00	-\$4,913.65	-25.55%
<b>Operating Income Total</b>					<b>-\$13,200.00</b>	<b>\$0.00</b>	<b>-\$13,200.00</b>	<b>-\$6,600.00</b>	<b>-\$4,913.65</b>	
<b>Private Works Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$4,415.44</b>	
14	1402	2	2140200	ADMIN - Employee Costs	\$1,672,100.00	\$45,000.00	\$1,717,100.00	\$877,622.00	\$734,245.22	-16.34%



14	1402	2	2140203	ADMIN - Uniforms	\$8,000.00	\$0.00	\$8,000.00	\$4,002.00	\$1,572.46	-60.71%
14	1402	2	2140204	ADMIN - Training & Development	\$65,000.00	\$0.00	\$65,000.00	\$32,502.00	\$27,435.62	-15.59%
14	1402	2	2140206	ADMIN - Fringe Benefits Tax (FBT)	\$75,000.00	\$0.00	\$75,000.00	\$37,500.00	\$42,953.14	14.54%
14	1402	2	2140210	ADMIN - Motor Vehicle Expenses	\$38,000.00	\$0.00	\$38,000.00	\$19,002.00	\$21,249.07	11.83%
14	1402	2	2140215	ADMIN - Printing and Stationery	\$23,000.00	\$0.00	\$23,000.00	\$11,502.00	\$10,250.13	-10.88%
14	1402	2	2140216	ADMIN - Postage and Freight	\$8,000.00	\$0.00	\$8,000.00	\$4,002.00	\$3,831.91	-4.25%
14	1402	2	2140220	ADMIN - Communication Expenses	\$16,500.00	\$0.00	\$16,500.00	\$8,250.00	\$5,873.75	-28.80%
14	1402	2	2140221	ADMIN - Information Technology						
14	1402	2	2140221	W0060 Corporate Business System	\$65,000.00	\$0.00	\$65,000.00	\$32,502.00	\$58,027.37	78.53%
14	1402	2	2140221	W0061 3Rd Party Mtce Agreements	\$70,000.00	\$10,000.00	\$80,000.00	\$40,002.00	\$40,740.00	1.84%
14	1402	2	2140221	W0062 Other Computer Software Expenses	\$90,100.00	\$0.00	\$90,100.00	\$45,048.00	\$42,489.62	-5.68%
14	1402	2	2140221	W0066 It Equipment	\$40,000.00	\$0.00	\$40,000.00	\$19,998.00	\$13,115.43	-34.42%
14	1402	2	2140222	ADMIN - Security	\$1,000.00	\$0.00	\$1,000.00	\$500.00	\$225.00	-55.00%
14	1402	2	2140223	ADMIN - Equipment and Furniture (Op)	\$10,000.00	\$0.00	\$10,000.00	\$4,998.00	\$0.00	-100.00%
14	1402	2	2140225	ADMIN - WHS	\$10,000.00	\$2,500.00	\$12,500.00	\$6,246.00	\$797.91	-87.23%
14	1402	2	2140226	ADMIN - Office Equipment Mtce	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$0.00	-100.00%
14	1402	2	2140230	ADMIN - Insurance Expenses (Other than Bldg and W/Con	\$93,000.00	\$0.00	\$93,000.00	\$93,000.00	\$75,209.82	-19.13%
14	1402	2	2140240	ADMIN - Advertising and Promotion	\$14,000.00	\$0.00	\$14,000.00	\$7,002.00	\$4,609.28	-34.17%
14	1402	2	2140242	ADMIN - Long Service Leave	\$0.00	\$16,000.00	\$16,000.00	\$7,998.00	\$16,557.68	107.02%
14	1402	2	2140252	ADMIN - Consultants	\$33,000.00	\$25,000.00	\$58,000.00	\$28,998.00	\$24,332.00	-16.09%
14	1402	2	2140265	ADMIN - Grounds Maintenance	\$15,300.00	\$0.00	\$15,300.00	\$7,650.00	\$7,513.34	-1.79%
14	1402	2	2140282	ADMIN - Bad Debts Expense	\$2,000.00	\$0.00	\$2,000.00	\$1,002.00	\$0.00	-100.00%
14	1402	2	2140284	ADMIN - Audit Fees	\$40,000.00	\$0.00	\$40,000.00	\$19,998.00	\$3,000.00	-85.00%
14	1402	2	2140285	ADMIN - Legal Expenses	\$15,000.00	\$0.00	\$15,000.00	\$7,500.00	\$0.00	-100.00%
14	1402	2	2140286	ADMIN - Expensed Minor Asset Purchases	\$6,700.00	\$0.00	\$6,700.00	\$3,348.00	\$537.26	-83.95%
14	1402	2	2140287	ADMIN - Other Expenses	\$30,000.00	\$0.00	\$30,000.00	\$15,000.00	\$16,841.83	12.28%
14	1402	2	2140288	ADMIN - Building Operations						
14	1402	2	2140288	BO001 Administration Building - Building Operations	\$38,200.00	\$0.00	\$38,200.00	\$19,104.00	\$20,054.72	4.98%
14	1402	2	2140289	ADMIN - Building Maintenance						
14	1402	2	2140289	BM001 Administration Building - Building Maintenance	\$12,000.00	\$0.00	\$12,000.00	\$6,000.00	\$5,944.32	-0.93%
14	1402	2	2140292	ADMIN - Depreciation	\$104,400.00	\$0.00	\$104,400.00	\$52,200.00	\$38,273.57	-26.68%
14	1402	2	2140299	ADMIN - Administration Overheads Recovered	-\$2,593,100.00	-\$49,400.00	-\$2,642,500.00	-\$1,321,254.00	-\$1,169,269.31	-11.50%
<b>Operating Expenditure Total</b>					<b>\$7,200.00</b>	<b>\$49,100.00</b>	<b>\$56,300.00</b>	<b>\$93,724.00</b>	<b>\$46,411.14</b>	
<b>General Administration Overheads Total</b>					<b>\$7,200.00</b>	<b>\$49,100.00</b>	<b>\$56,300.00</b>	<b>\$93,724.00</b>	<b>\$46,411.14</b>	
14	1403	2	2140300	PWO - Employee Costs	\$954,500.00	\$0.00	\$954,500.00	\$492,702.00	\$500,590.04	1.60%
14	1403	2	2140301	PWO - Unrecognised Staff Liabilities	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1403	2	2140303	PWO - Uniforms	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1403	2	2140304	PWO - Training & Development	\$40,000.00	\$0.00	\$40,000.00	\$19,998.00	\$28,029.70	40.16%
14	1403	2	2140305	PWO - Recruitment	\$1,200.00	\$800.00	\$2,000.00	\$1,002.00	\$1,546.60	54.35%
14	1403	2	2140310	PWO - Motor Vehicle Expenses	\$61,000.00	\$0.00	\$61,000.00	\$30,498.00	\$21,329.30	-30.06%
14	1403	2	2140311	PWO - Consultancy	\$70,000.00	-\$30,000.00	\$40,000.00	\$19,998.00	\$24,467.40	22.35%
14	1403	2	2140315	PWO - Printing and Stationery	\$2,000.00	\$0.00	\$2,000.00	\$996.00	\$1,239.76	24.47%

14	1403	2	2140320	PWO - Communication Expenses	\$1,500.00	\$1,500.00	\$3,000.00	\$1,500.00	\$582.41	-61.17%
14	1403	2	2140323	PWO - Sick Pay	\$44,000.00	\$0.00	\$44,000.00	\$22,002.00	\$14,150.59	-35.68%
14	1403	2	2140324	PWO - Annual Leave	\$111,900.00	\$0.00	\$111,900.00	\$55,952.00	\$53,216.42	-4.89%
14	1403	2	2140325	PWO - Public Holidays	\$50,000.00	\$0.00	\$50,000.00	\$25,002.00	\$14,006.87	-43.98%
14	1403	2	2140328	PWO - Supervision	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1403	2	2140330	PWO - WHS and Toolbox Meetings	\$28,000.00	\$5,000.00	\$33,000.00	\$16,503.00	\$30,974.54	87.69%
14	1403	2	2140341	PWO - Subscriptions & Memberships	\$15,000.00	\$5,000.00	\$20,000.00	\$10,002.00	\$13,732.50	37.30%
14	1403	2	2140365	PWO - Maintenance/Operations	\$4,300.00	\$0.00	\$4,300.00	\$2,148.00	\$0.00	-100.00%
14	1403	2	2140386	PWO - Expensed Minor Asset Purchases	\$2,500.00	\$2,500.00	\$5,000.00	\$2,502.00	\$4,751.68	89.92%
14	1403	2	2140387	PWO - Other Expenses	\$8,500.00	\$0.00	\$8,500.00	\$4,254.00	\$3,029.02	-28.80%
14	1403	2	2140392	PWO - Depreciation	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
14	1403	2	2140393	PWO - LESS Allocated to Works (PWO's)	-\$1,799,000.00	\$0.00	-\$1,799,000.00	-\$899,502.00	-\$733,936.02	-18.41%
14	1403	2	2140399	PWO - Administration Allocated	\$415,000.00	\$0.00	\$415,000.00	\$207,498.00	\$187,083.23	-9.84%
<b>Operating Expenditure Total</b>					<b>\$10,400.00</b>	<b>-\$15,200.00</b>	<b>-\$4,800.00</b>	<b>\$13,055.00</b>	<b>\$164,794.04</b>	
14	1403	3	3140301	PWO - Other Reimbursements	-\$100.00	\$0.00	-\$100.00	-\$48.00	\$0.00	-100.00%
<b>Operating Income Total</b>					<b>-\$100.00</b>	<b>\$0.00</b>	<b>-\$100.00</b>	<b>-\$48.00</b>	<b>\$0.00</b>	
<b>Public Works Overheads Total</b>					<b>\$10,300.00</b>	<b>-\$15,200.00</b>	<b>-\$4,900.00</b>	<b>\$13,007.00</b>	<b>\$164,794.04</b>	
14	1404	2	2140400	POC - Internal Plant Repairs - Wages & O/Head	\$106,800.00	\$0.00	\$106,800.00	\$53,400.00	\$11,348.08	-78.75%
14	1404	2	2140411	POC - External Parts & Repairs	\$283,200.00	\$0.00	\$283,200.00	\$141,606.00	\$104,382.07	-26.29%
14	1404	2	2140412	POC - Fuels and Oils	\$200,000.00	\$0.00	\$200,000.00	\$100,002.00	\$115,144.15	15.14%
14	1404	2	2140413	POC - Tyres and Tubes	\$20,000.00	\$0.00	\$20,000.00	\$10,002.00	\$6,408.12	-35.93%
14	1404	2	2140416	POC - Licences/Registrations	\$12,000.00	\$0.00	\$12,000.00	\$6,000.00	\$1,542.19	-74.30%
14	1404	2	2140417	POC - Insurance Expenses	\$30,400.00	\$0.00	\$30,400.00	\$30,400.00	\$28,742.13	-5.45%
14	1404	2	2140418	POC - Expendable Tools / Consumables	\$5,000.00	\$0.00	\$5,000.00	\$2,502.00	\$2,288.52	-8.53%
14	1404	2	2140492	POC - Depreciation	\$371,400.00	\$0.00	\$371,400.00	\$185,700.00	\$168,028.68	-9.52%
14	1404	2	2140494	POC - LESS Plant Operation Costs Allocated to Works	-\$918,400.00	\$0.00	-\$918,400.00	-\$459,198.00	-\$275,821.67	-39.93%
<b>Operating Expenditure Total</b>					<b>\$110,400.00</b>	<b>\$0.00</b>	<b>\$110,400.00</b>	<b>\$70,414.00</b>	<b>\$162,062.27</b>	
14	1404	3	3140410	POC - Fuel Tax Credits Grant Scheme	-\$23,500.00	\$0.00	-\$23,500.00	-\$11,748.00	-\$15,634.90	33.09%
<b>Operating Income Total</b>					<b>-\$23,500.00</b>	<b>\$0.00</b>	<b>-\$23,500.00</b>	<b>-\$11,748.00</b>	<b>-\$15,634.90</b>	
<b>Plant Operating Costs Total</b>					<b>\$86,900.00</b>	<b>\$0.00</b>	<b>\$86,900.00</b>	<b>\$58,666.00</b>	<b>\$146,427.37</b>	
14	1405	2	2140500	SAL - Gross Salary and Wages	\$4,280,400.00	\$0.00	\$4,280,400.00	\$2,140,200.00	\$0.00	-100.00%
14	1405	2	2140501	SAL - LESS Salaries & Wages Allocated	-\$4,280,400.00	\$0.00	-\$4,280,400.00	-\$2,140,200.00	\$0.00	-100.00%
14	1405	2	2140503	SAL - Workers Compensation Expense	\$6,000.00	\$0.00	\$6,000.00	\$3,000.00	\$32,253.69	975.12%
14	1405	2	2140505	SAL - Salary Sacrifice	\$27,000.00	\$0.00	\$27,000.00	\$13,500.00	\$12,588.12	-6.75%
14	1405	2	2140506	SAL - Parental Leave Payment (Government)	\$0.00	\$0.00	\$0.00	\$0.00	\$13,947.45	
<b>Operating Expenditure Total</b>					<b>\$33,000.00</b>	<b>\$0.00</b>	<b>\$33,000.00</b>	<b>\$16,500.00</b>	<b>\$58,789.26</b>	
14	1405	3	3140501	SAL - Reimbursement - Workers Compensation	-\$6,000.00	\$0.00	-\$6,000.00	-\$3,000.00	-\$17,382.08	479.40%
14	1405	3	3140502	SAL - Reimbursement - Parental Leave	\$0.00	\$0.00	\$0.00	\$0.00	-\$20,865.00	
14	1405	3	3140503	SAL - Reimbursement - Salary Sacrifice	-\$27,000.00	\$0.00	-\$27,000.00	-\$13,500.00	-\$12,588.12	-6.75%
<b>Operating Income Total</b>					<b>-\$33,000.00</b>	<b>\$0.00</b>	<b>-\$33,000.00</b>	<b>-\$16,500.00</b>	<b>-\$50,835.20</b>	
<b>Salaries And Wages Total</b>					<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$7,954.06</b>	
14	1407	2	2140760	UNCLASS - Unclassified Expenditure						

14	1407 2	2140760 W0238	Land And Building Operating Ceaca	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
14	1407 2	2140761	UNCLASS - Insurance Expenditure	\$0.00	\$0.00	\$0.00	\$0.00	\$1,375.21
<b>Operating Expenditure Total</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,375.21</b>
14	1407 3	3140736	UNCLASS - Insurance Income	\$0.00	\$0.00	\$0.00	\$0.00	-\$8,362.08
<b>Operating Income Total</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$8,362.08</b>
14	1407 4	4140710	UNCLASS - Buildings (Capital)					
14	1407 4	4140710 W0242	Purchase Of Land	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Capital Expenditure Total</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>Unclassified Total</b>				<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>-\$6,986.87</b>
<b>Other Property &amp; Services Total</b>				<b>\$104,400.00</b>	<b>\$33,900.00</b>	<b>\$138,300.00</b>	<b>\$165,397.00</b>	<b>\$354,184.30</b>
<b>Grand Total</b>				<b>\$8,975,897.00</b>	<b>\$99,343.00</b>	<b>\$9,075,240.00</b>	<b>\$2,020,809.00</b>	<b>-\$273,458.07</b>



Prog	Programme Description	SP	Sub-Programme Description	Type	Type Description	COA	Job	Description	Current Budget	YTD Actual	< 10%	11% to 20%	21% to 30%	31% to 40%	41% to 50%	51% to 60%	61% to 70%	71% to 80%	81% to 90%	91% to 100%	> 101%	
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120149	RRG072	Crooks Road (RRG)	\$162,200.00	\$450.00												
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120149	RRG239	Merredin-Naremben Road (Capital)	\$0.00	\$0.00												
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120150		<b>ROADC - Roads Outside BUA - Gravel - Regional Road Group</b>														
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120150	RRG090	Goldfields Road (RRG)	\$566,900.00	\$0.00	0.00%											
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120150	RRG015	Burracoppin South Road (RRG)	\$0.00	\$0.00												
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120165		<b>ROADC - Drainage Built Up Area (Capital)</b>														
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120165		Drainage - Capital	\$70,000.00	\$0.00	0.00%											
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120168		<b>ROADC - Kerbing (Capital)</b>	\$35,000.00	\$0.00	0.00%											
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120170		<b>ROADC - Footpaths and Cycleways (Capital)</b>														
12	Transport	1201	Construction - Streets, Roads, Bridg	4	Capital Expenditure	4120170	FC000	Footpath Construction General (Budgeting Only)	\$67,800.00	\$0.00	0.00%											
12	Transport	1203	Road Plant Purchases	4	Capital Expenditure	4120330		PLANT - Plant & Equipment (Capital)	\$703,900.00	\$275,968.93			39.21%									
12	Transport	1207	Water Transport Facilities	4	Capital Expenditure	4120790		<b>WATER - Infrastructure Other (Capital)</b>														
12	Transport	1207	Water Transport Facilities	4	Capital Expenditure	4120790	WC002	Watersmart Farms - Desalination Project	\$100,000.00	\$51,071.96						51.07%						
12	Transport	1207	Water Transport Facilities	4	Capital Expenditure	4120790	WC003	Merredin Recycled Water Nework Upgrade (Capital)	\$180,000.00	\$34,239.50												
13	Economic Services	1308	Other Economic Services	4	Capital Expenditure	4130890		OTH ECON - Infrastructure Other (Capital)	\$0.00	\$0.00												
14	Other Property & Services	1407	Unclassified	4	Capital Expenditure	4140710		<b>UNCLASS - Buildings (Capital)</b>														
14	Other Property & Services	1407	Unclassified	4	Capital Expenditure	4140710	W0242	Purchase Of Land	\$0.00	\$0.00												
									<b>\$16,748,828.00</b>	<b>\$2,670,350.91</b>		<b>15.94%</b>										
									<b>Summary</b>													
						420		Loan Liability (Current)	\$154,900.00	\$80,819.70						52.18%						
						509		Land	\$0.00	\$0.00												
						512	514	Buildings	\$244,600.00	\$31,608.36												
						520		Furniture & Equipment	\$0.00	\$0.00												
						530		Plant & Equipment	\$735,600.00	\$282,168.93				38.36%								
						540		Infrastructure Roads	\$5,704,000.00	\$1,918,445.73				33.63%								
						550		Infrastructure Drainage	\$70,000.00	\$0.00	0.00%											
						560		Infrastructure Footpaths	\$67,800.00	\$0.00												
						570		Infrastructure Parks & Ovals	\$8,941,528.00	\$94,740.01												
						590		Infrastructure Other	\$434,500.00	\$152,612.92				35.12%								
						701		Cashed Back Reserves	\$395,900.00	\$109,955.26			27.77%									
									<b>\$16,748,828.00</b>	<b>\$2,670,350.91</b>		<b>15.94%</b>										

### Shire of Merredin Monthly Investment Report

For the period ending: **31st December 2023**

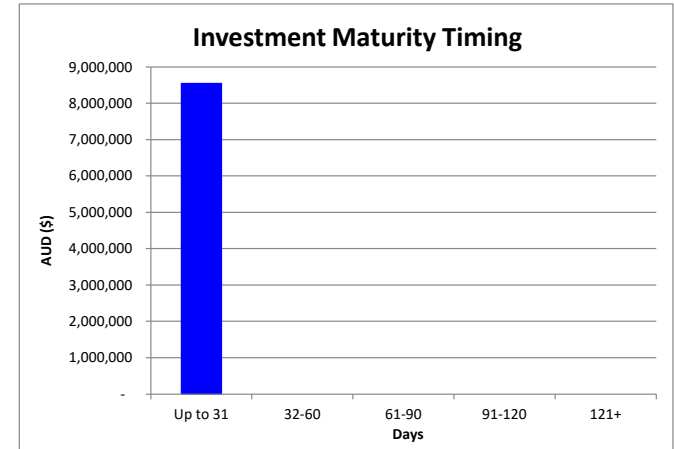
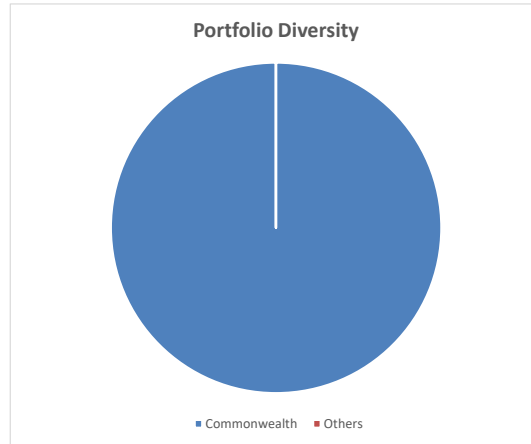
**Compliance**

The Investments outlined below have been undertaken in accordance with the Council adopted Policy


Deposit Ref	Deposit Date	Institution	Term (Days)	Maturity Date	Invested Interest rates	Expected Interest	Amount Invested (Days)					Total	
							Up to 31	32-60	61-90	91-120	121+		
<b>General Municipal</b>													
Comm On Call	31/12/2023	Commonwealth	0	At Call	0.25%	-	1,463,880					1,463,880	
												-	
												-	
							<b>Subtotal</b>	<b>1,463,880</b>	-	-	-	-	<b>1,463,880</b>
<b>Cash Backed Reserves</b>													
Reserves	31/12/2023	Commonwealth		At Call	3.25%	-	7,085,828					7,085,828	
							<b>Subtotal</b>	<b>7,085,828</b>	-	-	-	-	<b>7,085,828</b>
							<b>Subtotal</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
							<b>Total Funds Invested</b>	<b>8,549,708</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,549,708</b>

Interest on Investments		
Annual Budget	Year to Date Budget	Year to Date Actual
80,000	40,002	78,404
190,000	94,998	109,955
		0
270,000	135,000	188,360

Deposit Ref	Deposit Date	Term (Days)	Invested Interest rates	Maturity Date	Amount Invested	Percentage of Portfolio
<b>Commonwealth</b>						
Comm On Call	31/12/2023	0	0.25%	At Call	1,463,880	
Reserves	31/12/2023	0	3.25%	At Call	7,085,828	
			<b>Subtotal</b>		<b>8,549,708</b>	<b>100.00%</b>
<b>Others</b>						
			<b>Subtotal</b>		<b>-</b>	<b>0.00%</b>
<b>Others</b>						
			<b>Subtotal</b>		<b>-</b>	<b>0.00%</b>
			<b>Total Funds Invested</b>		<b>8,549,708</b>	<b>100.00%</b>



**14.3 List of Accounts Paid – November 2023**

<h2 style="margin: 0;">Corporate Services</h2> 	
<b>Responsible Officer:</b>	Leah Boehme, EMCS
<b>Author:</b>	As above
<b>Legislation:</b>	<i>Local Government Act 1995</i> <i>Local Government (Financial Management) Regulations 1996</i>
<b>File Reference:</b>	Nil
<b>Disclosure of Interest:</b>	Nil
<b>Attachments:</b>	Attachment 14.3A - Payments Listing November 2023

**Purpose of Report**

- Executive Decision
  Legislative Requirement

For Council to receive the schedule of accounts paid for the month of November 2023.

**Background**

The attached list of accounts paid during the month of November 2023, under Delegated Authority, is provided for Council’s information and endorsement.

**Comment**

Nil

**Policy Implications**

Nil

**Statutory Implications**

As outlined in the *Local Government Act 1995* and the *Local Government (Financial Management) Regulations 1996*.

**Strategic Implications**

∅ Strategic Community Plan

Theme: 4. Communication and Leadership

Service Area Objective: 4.2.2 The Shire is progressive while exercising responsible stewardship of its built, natural and financial resources

Priorities and Strategies for Change: Nil

### Sustainability Implications

∅ Strategic Resource Plan

Compliance with the *Local Government (Administration) Regulations 1996* and to also give Council some direction regarding its management of finance over an extended period of time.

### Risk Implications

Council would be contravening the *Local Government Act 1995* and *Local Government (Financial Management) Regulations 1996* should this item not be presented.

### Financial Implications

All liabilities settled have been in accordance with the Annual Budget provisions.

### Voting Requirements

Simple Majority

Absolute Majority

### Resolution

Moved: Cr Van Der Merwe                      Seconded: Cr Crook

**83316**                      That Council RECEIVE the schedule of accounts paid during November 2023 as listed, covering cheques, EFT's, directly debited payments and wages, as numbered and totaling \$2,250,459.21 from the Merredin Shire Council Municipal bank account and \$0 from the Merredin Shire Council Trust bank account.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*



**SHIRE OF MERREDIN  
PAYMENT LISTING FOR NOVEMBER 2023**

Cha/EFT 25513	Date	Name	Description	Amount
	01/11/2023	SHIRE OF MERREDIN	Float Money for Merredin Aquatic Centre	-100.00
EFT26280	01/11/2023	THE AUSTRALIAN WORKERS UNION	Pavroll Deductions/Contributions	-112.00
EFT26281	01/11/2023	AUSTRALIAN SERVICES UNION	Pavroll Deductions/Contributions	-79.50
EFT26282	01/11/2023	DEPUTY CHILD SUPPORT REGISTRAR	Pavroll Deductions/Contributions	-166.24
EFT26284	01/11/2023	SALARY PACKAGING AUSTRALIA	Staff Salary Sacrifice	-970.36
EFT26285	09/11/2023	ALLCLEAN Property Services Plus Pty Ltd	Provision of commercial cleaning services associated with internal cleaning of the Merredin Recreation and	-36113.00
EFT26286	09/11/2023	DENNIS ADAMSON	repair of fence on Naremben- Merredin Rd	-480.00
EFT26287	09/11/2023	AUSTRALIA POST	Postage charges	-1374.63
EFT26288	09/11/2023	AVON WASTE	Waste collection	-19066.67
EFT26289	09/11/2023	ADVANCED AUTOLOGIC PTY LTD	205 litres of kero	-800.00
EFT26290	09/11/2023	ACCREDIT BUILDING SURVEYING &	Supply of Certificate of Design Compliance for domestic shed at No 2 Fifth Avenue, Merredin.	-1155.00
EFT26291	09/11/2023	AUSWEST PLUMBING AND CIVIL (WA) PTY LTD	Repair Hines Hill BFB Water Tank	-1177.00
EFT26292	09/11/2023	ALLWEST PLANT HIRE AUSTRALIA PTY LTD	Bomag Hire - Merredin Naremben Road	-3827.34
EFT26293	09/11/2023	GRACE MARIA ALVARO	CWVC Oct consignment	-10.00
EFT26294	09/11/2023	RON BATEMAN & CO	Merredin swimming pool - Battery for pool cleaner	-328.90
EFT26295	09/11/2023	BLACKWOODS & SON PTY LTD	SACHET HYDRATION AQUALYTE MIXED 25G (50)	-223.08
EFT26296	09/11/2023	BURGESS RAWSON (WA) PTY LTD	Water charges 22/8/2023 - 31/10/2023	-1829.70
EFT26297	09/11/2023	BOC LIMITED	Oxygen & Acetvlene Medical	-64.89
EFT26298	09/11/2023	KERRY SUSAN BROWN	CWVC Oct Consignment	-4.50
EFT26299	09/11/2023	GLENDA BLYTH	CWVC Oct Consignment	-60.00
EFT26300	09/11/2023	DRY KIRKNESS (AUDIT) PTY LTD	R2R Audit 2022/23	-1650.00
EFT26301	09/11/2023	CHRIS CONWAY HIGHBURY	Undertake review of Shire of Merredin Local Laws	-968.00
EFT26302	09/11/2023	CENTRAL WHEATBELT EARTHMOVING	Excavate general waste cell - Merredin Waste Mangement Facility	-6600.00
EFT26303	09/11/2023	CORSIGN WA	signs	-594.00
EFT26304	09/11/2023	VAL CURTIS	CWVC Oct consignment	-16.00
EFT26305	09/11/2023	COMFORTSTYLE FURNITURE & BEDDING PTY LTD	Purchase of desk for chambers	-319.00
EFT26306	09/11/2023	COMBINED TYRES PTY LTD	Tyre replacement including disposal and sundry costs (various vehicles)	-2585.00
EFT26307	09/11/2023	COCKIES AG	3 x Thorzt Mixed Flavours Single Serve Sachets 12 x PRO CHOICE SAFETY GLASSES CLEAR 1 X PROCHOICE P2	-541.24
EFT26308	09/11/2023	REGIONAL SERVICES BUSINESS UNIT DEPARTMENT	DOT Trelis payment	-28466.90
EFT26309	09/11/2023	DEVON DELIGHTS	CWVC Oct Consingment	-48.00
EFT26310	09/11/2023	DUNNING'S DIRECT NORTHAM	Fuel card fee	-3.85
EFT26311	09/11/2023	DEPARTMENT OF COMMUNITIES - HOUSING	Rent refund for 17 Cummings Cres	-1782.86
EFT26312	09/11/2023	EASTERN HILLS CHAINSAWS & MOWERS	10 x Element Air Cleaner	-368.10
EFT26313	09/11/2023	SANDY FLEAY	CWVC Oct Consignment	-35.00
EFT26314	09/11/2023	FUEL DISTRIBUTORS OF WESTERN AUSTRALIA PTY	Diesel	-13947.13
EFT26315	09/11/2023	GO GO MEDIA	Messages on hold service until 30/6/2024	-414.00
EFT26316	09/11/2023	BARBARA GREAVES	CWVC Oct Consignment	-38.05
EFT26317	09/11/2023	GREAT SOUTHERN FUEL SUPPLIES	issue of fuel cards	-5.50
EFT26318	09/11/2023	GEARING WHEATBELT SERVICES	Cleaning Services	-6100.00
EFT26319	09/11/2023	GARRY HUNT CONSULTING GROUP	Induction Session - Garry Hunt, Wednesday 1 November 2023 Induction Manual Template	-6353.93
EFT26320	09/11/2023	PATRICIA HOWE	CWVC Oct Consignment	-40.00
EFT26321	09/11/2023	INTELFIE GROUP LIMITED	Conduct de-vegetation work from KM 15 to KM 25	-14575.00
EFT26322	09/11/2023	JASON SIGN MAKERS	150mm high rural number plate White (Class 100 / CL2) reflective graphic number on Powdercoated	-48.47
EFT26323	09/11/2023	JH COMPUTER SERVICES WA PTY LTD	Annual contract cost for JH Computer Services	-7036.70
EFT26324	09/11/2023	BEN JARDINE CARPENTRY & MAINTENANCE	Swimming pool - repair fencing as per quote 635.	-1540.00
EFT26325	09/11/2023	PAMELA JAYS	CWVC Oct Consignment	-71.20
EFT26326	09/11/2023	JANE DRAG	CWVC Oct Consignment	-34.40
EFT26327	09/11/2023	KARIS MEDICAL GROUP	Medical for emlovee	-396.00
EFT26328	09/11/2023	KENNARDS HIRE	Traffic Light Hire	-459.98
EFT26329	09/11/2023	LOCAL PEST CONTROL	13 Cummins - Soilder treatment.	-385.50
EFT26330	09/11/2023	LANDGATE	Landgate valuations	-43.50
EFT26331	09/11/2023	NEXTRA MERREDIN NEWS & STATIONERY	Library stationery FY23/24	-234.70
EFT26332	09/11/2023	MDN ELECTRICAL CONTRACTORS	Received notification of electrical sparks emanating from main light switch servicing Room 7 and Room 9 at	-246.84

**SHIRE OF MERREDIN  
PAYMENT LISTING FOR NOVEMBER 2023**

Cha/EFT	Date	Name	Description	Amount
EFT26333	09/11/2023	WHEATBELT OFFICE & BUSINESS MACHINES	Admin Monthly Photocopier charges	-1003.22
EFT26334	09/11/2023	MCLEODS BARRISTERS & SOLICITORS	Induction Session - Legal Responsibilities Elected Members	-3300.00
EFT26335	09/11/2023	MERREDIN RURAL SUPPLIES	SOCKET POLY 3/4IN PGJ SPINKLERS PGP SPINKLERS RECLAIMED WATER CAPS QUOTE 20197306	-2207.55
EFT26336	09/11/2023	MERREDIN COMMUNITY MEN'S SHED INC	Reimbursement for materials for Community Christmas Tree	-168.54
EFT26337	09/11/2023	ANITA METCALF	CWVC Oct Consignment	-70.00
EFT26338	09/11/2023	MERREDIN SUPA IGA	Catering for BFAC AGM 11/10/23	-334.18
EFT26339	09/11/2023	D & L STUDIO PTY T METAL ARTWORK BADGES	2 x Desk Name Plaques 1 x Desk Name Base 6 x Honour Board Plates	-156.20
EFT26340	09/11/2023	MERREDIN TOYOTA AND ISUZU UTE	Maintenance- Car Service	-1088.64
EFT26341	09/11/2023	MACA CIVIL PTY LTD	SLK 9.48 - 11.90 - Stabilise Basecourse	-271256.48
EFT26342	09/11/2023	MECKERING ACTION GROUP	CWVC Oct Consignment	-6.00
EFT26343	09/11/2023	MARGARET BUTLER	CWVC Oct Consignment	-34.50
EFT26344	09/11/2023	MARKETFORCE - OMNICOM MEDIA GROUP	Advert in The West Australian for RFT02 2023/24 Revitalisation of Apex Park & Merredin Town Centre	-355.18
EFT26345	09/11/2023	K.P. METCALF	CWVC Oct Consignment	-75.00
EFT26346	09/11/2023	MOORE AUSTRALIA (WA) PTY LTD	Undertake Financial Management Review as per Proposal.	-12454.20
EFT26347	09/11/2023	LA & AM MILNE T/AS SPEEDEE MOBILE FLOORING	MRCLC - Both male changerooms to have marine carpet installed as per quote 0029.	-3122.50
EFT26348	09/11/2023	NATALIE BLOM	CWVC Oct Consignment	-24.00
EFT26349	09/11/2023	NEWGROUND WATER SERVICES PTY LTD	Inspect and Repair - Reticulation Contoller	-4576.00
EFT26350	09/11/2023	DIANNE O'NEILL	CWVC Oct Consignment	-36.95
EFT26351	09/11/2023	ONE WILD SEED	CWVC Oct Consignment	-20.00
EFT26352	09/11/2023	POOLSHOP ONLINE PTY LTD	MRCLC - Repair of Hydropool chemigem.	-2114.50
EFT26353	09/11/2023	TWO DOGS HOME HARDWARE	Plants, Soil Improver, Potting mix and Bush bobcat - As per quote 102000002 (attached)	-1273.40
EFT26354	09/11/2023	ROSS'S DIESEL SERVICE	PTRK04 service	-8402.09
EFT26355	09/11/2023	IRIS CONSULTING GROUP PTY LTD	Records and Documents Basics training - Geraldine	-1177.00
EFT26356	09/11/2023	REGIONAL EARLY EDUCATION AND DEVELOPMENT	Annual Financial Support 2023/24	-6600.00
EFT26357	09/11/2023	SYNERGY	Powerwatch	-3797.49
EFT26358	09/11/2023	ST JOHN AMBULANCE WA	FIRST AID TRAINING	-3800.00
EFT26359	09/11/2023	SHEREE LOUISA LOWE	CWVC Oct Consignment	-6.40
EFT26360	09/11/2023	SHRED-X PTY LTD	Shred-X standing	-26.00
EFT26361	09/11/2023	SMITH EARTHMOVING P/L	Hire of Tracked Dozer for 3 x days	-18063.10
EFT26362	09/11/2023	STRANGE IMAGE PHOTOGRAPHY	CWVC Oct Consignment	-4.40
EFT26363	09/11/2023	JESSIE SPRING	CWVC Oct Consignment	-16.00
EFT26364	09/11/2023	SOW SEEDS OF WELLNESS	CWVC Oct Consignment	-54.40
EFT26365	09/11/2023	TELSTRA	telephone charges	-1086.84
EFT26366	09/11/2023	PUBLIC TRANSPORT AUTHORITY	Trans WA fares	-334.86
EFT26367	09/11/2023	T-QUIP	Assy Door - Handle Service Access	-355.40
EFT26368	09/11/2023	NGOC MINH TAM TRUONG	Rates refund for assessment A3166 9 TODD STREET MERREDIN 6415	-149.95
EFT26369	09/11/2023	TEAM GLOBAL EXPRESS PTY LTD (TOLL)	Freight charges	-298.71
EFT26370	09/11/2023	T & B Construction	Shire Library - Repair roof rafter that has fallen off the roof.	-589.60
EFT26371	09/11/2023	ULTIMATE POSITIONING GROUP PTY LTD	Trimble R12LT Rover & Trimble TSC7 Controller (including associated extras as per quote 10241026)	-50550.50
EFT26372	09/11/2023	WATER CORPORATION	water charges	-13641.79
EFT26373	09/11/2023	WESTRAC EQUIPMENT P/L	Reducer Part No: 2804070 qty x 20	-57.20
EFT26374	09/11/2023	WA LOCAL GOVERNMENT ASSOC. (WALGA)	Subscription Period - 1 November 2023 - 31 October 2024	-3814.80
EFT26375	09/11/2023	WA CONTRACT RANGER SERVICES PTY LTD	Provision of Ranger Services FY23/24	-5225.00
EFT26376	09/11/2023	WHEATBELT UNIFORMS SIGNS & SAFETY	200 x Cones Traffic Branded SoM - 710 mm (includes freight)	-8017.21
EFT26377	10/11/2023	FULTON HOGAN INDUSTRIES PTY LTD	Site Establishment - SLK 0.0 - 3.2, SLK 7.94 - 9.32, SLK 9.48 -11.9	-758661.08
EFT26378	10/11/2023	MAARU BIDDI TRAFFIC SERVICES	Hire of Traffic Controllers for provision of services to work site	-47561.15
EFT26379	16/11/2023	BCITF - BUILDING AND CONSTRUCTION INDUSTRY	BCTIF Oct 2023	-171.75
EFT26380	16/11/2023	BUILDING AND ENERGY, DEPARTMENT OF MINES,	BSL Oct 2023	-2143.23
EFT26381	16/11/2023	SALARY PACKAGING AUSTRALIA	Salary Sacrifice for employees	-970.36
EFT26382	16/11/2023	THE AUSTRALIAN WORKERS UNION	Pavroll Deductions/Contributions	-112.00
EFT26383	16/11/2023	AUSTRALIAN SERVICES UNION	Pavroll Deductions/Contributions	-79.50
EFT26384	16/11/2023	BEL CANTO PERFORMING ARTS	Morning Melodies 13th October 2023 Performer.	-400.00

**SHIRE OF MERREDIN  
PAYMENT LISTING FOR NOVEMBER 2023**

Cha/EFT	Date	Name	Description	Amount
EFT26385	16/11/2023	DEPUTY CHILD SUPPORT REGISTRAR	Payroll Deductions/Contributions	-166.24
EFT26386	23/11/2023	AUSTRALIAN TAXATION OFFICE	BAS OCTOBER 2023	-104803.00
EFT26387	23/11/2023	AUSTRALIA DAY COUNCIL OF SOUTH AUSTRALIA	Australia day Banners - grant funded.	-1910.00
EFT26388	23/11/2023	BRADLEY ANDERSON	Oct 2023 Councillor Nomination refund	-100.00
EFT26389	23/11/2023	AVON WASTE	waste collection	-18946.10
EFT26390	23/11/2023	ACCREDIT BUILDING SURVEYING &	Supply of Certificate of Design Compliance for domestic shed at 19 Cunningham Street, Merredin.	-770.00
EFT26391	23/11/2023	AUSWEST PLUMBING AND CIVIL (WA) PTY LTD	inlet and outlet at decel plant	-1116.50
EFT26392	23/11/2023	AUSCOINSWEST	Reorder 250 x Souvenir Coins, 25 Coin Capsules and 10 x Albums for Retail	-477.95
EFT26393	23/11/2023	AUSQ TRAINING	Generic Traffic Management Plan (TMP)	-3513.40
EFT26394	23/11/2023	RON BATEMAN & CO	MRCLC hydro pool - 2 x PVC butterfly taps	-814.00
EFT26395	23/11/2023	BUNZL OUTSOURCING SERVICES LIMITED	KC94178 Wypall X70 C/feed wipers wht 220sht CT 4	-522.40
EFT26396	23/11/2023	BLAKEM	10 x WA Silo Art Map & Guide for retail incl. postage	-82.95
EFT26397	23/11/2023	BURGESS RAWSON (WA) PTY LTD	Leasing preparation fee - L7398-2	-550.00
EFT26398	23/11/2023	BIG SKY ENTERTAINMENT (WA) PTY LTD	2024 Australia Day - Entertainment and travel - Acoustic Dragons - Merredin Pool	-2420.00
EFT26399	23/11/2023	CENTRAL WHEATBELT EARTHMOVING	Cleaning/Maintenance - Liquid Waste Facility Ponds	-6600.00
EFT26400	23/11/2023	CLOUD COLLECTIONS PTY LTD	Rates debt collection	-792.77
EFT26401	23/11/2023	COMBINED TYRES PTY LTD	Fit 2x 18600126 - 265/60R18 Maxxis RAZR HT780 114H (HWY) & Tyre Disposal	-722.70
EFT26402	23/11/2023	DAVE'S TREE SERVICE	Pruning of trees under western powerlines	-8360.00
EFT26403	23/11/2023	DRAKEFORD'S BUILDING AND MAINTENANCE	MRCLC works	-4400.00
EFT26404	23/11/2023	DIMENSIONS CAFE	Catering - psychosocial hazards in the workplace training morning tea, lunch and afternoon tea	-1044.45
EFT26405	23/11/2023	DEPARTMENT OF FIRE & EMERGENCY SERVICES	ESL 2nd Qtr Contribution	-62972.45
EFT26406	23/11/2023	FREMANTLE PRESS	Purchasing Remaining 12 x Publications on Consignment for retail	-177.53
EFT26407	23/11/2023	MERREDIN GLAZING SERVICE	Visitor centre - front automatic door lock is broken.	-110.00
EFT26408	23/11/2023	GREAT EASTERN MOTOR LODGE	Great Eastern Motor Lodge - 2 nights 8th-10th of November	-159.00
EFT26409	23/11/2023	GREAT SOUTHERN FUEL SUPPLIES	Fuel card purchases	-3103.88
EFT26410	23/11/2023	GEARING WHEATBELT SERVICES	cleaning services	-5625.00
EFT26411	23/11/2023	GSD PRODUCTIONS	Technicians for Alex and Evie, hourly rate and travel x 3 days	-2628.01
EFT26412	23/11/2023	GO MAD	Tinsel for christmas decorations	-200.00
EFT26413	23/11/2023	HIT PRODUCTIONS PTY LTD	Production Emma Donovan July 2024. 75% deposit production fee.	-6187.50
EFT26414	23/11/2023	KLEENHEAT GAS	Bulk Gas supply for MRCLC	-1401.65
EFT26415	23/11/2023	KARIS MEDICAL GROUP	PRE-EMPLOYMENT MEDICAL	-198.00
EFT26416	23/11/2023	LOCAL PEST CONTROL	Pest control treatment for spiders at 9 Cummings Crescent Merredin.	-198.00
EFT26417	23/11/2023	LARRIKIN HOUSE PTY LTD	Assorted fiction titles	-760.00
EFT26418	23/11/2023	MERREDIN ELECTRICS	Unit 3/4 Cummings - HWS is tripping the RCD, please investigate the issue.	-211.20
EFT26419	23/11/2023	NEXTRA MERREDIN NEWS & STATIONERY	CWVC Stationery FY23/24	-96.53
EFT26420	23/11/2023	MERREDIN FREIGHTLINES	Freight of Pool supplies	-596.64
EFT26421	23/11/2023	MERREDIN FINE ARTS SOC.	Annual Acquisition Prize 2023	-1000.00
EFT26422	23/11/2023	MERREDIN RURAL SUPPLIES	SOCKET POLY 3/4IN	-642.73
EFT26423	23/11/2023	METRO HOTEL PERTH	Provision of accommodation	-435.00
EFT26424	23/11/2023	MERREDIN TELEPHONE SERVICES	Fob for Admin Building access for outside crew	-99.00
EFT26425	23/11/2023	MERREDIN SUPA IGA	Tool Box Meeting - Breakfast Supplies	-275.84
EFT26426	23/11/2023	MERREDIN TOYOTA AND ISUZU UTE	Service and replace faulty hose reel and pressure gauge	-3271.86
EFT26427	23/11/2023	MOVAT PTY LTD ATF MOVAT TRUST	MOVAT software monthlv SMS rental and SMS Merredin SES	-32.70
EFT26428	23/11/2023	EXTRA MILE DEVELOPMENTS PTY LTD	Elected Member Induction Program	-5605.00
EFT26429	23/11/2023	RENEE MARIE MANNING	Oct 2023 Councillor Nomination refund	-100.00
EFT26430	23/11/2023	MERREDIN NUTRIEN AG SOLUTIONS	DAMOSS 110MM x 100 MT PN 12.5 PIPE	-30855.00
EFT26431	23/11/2023	NIKS PLUMBING AND GAS	MRCLC - Complete quoted plumbing works	-7988.20
EFT26432	23/11/2023	LISA ANNE O'NEILL	Oct 2023 Councillor Nomination refund	-100.00
EFT26433	23/11/2023	POWERVAC COMPLETE CLEANING SUPPLIES	T300 Annual Servicing	-320.90
EFT26434	23/11/2023	PIANO MAGIC	Tunning and maintenace of piano (yearly) Cummins Theatre	-330.00
EFT26435	23/11/2023	PROMPT SAFETY SOLUTIONS	Works Department Toolbox Meeting – Inspection with LGIS Auditor	-3630.00

**SHIRE OF MERREDIN  
PAYMENT LISTING FOR NOVEMBER 2023**

Cha/EFT	Date	Name	Description	Amount
EFT26436	23/11/2023	CODE RESEARCH PTY LTD T/AS PWD	Website Security Audit due 01 December 2023	-269.50
EFT26437	23/11/2023	RAECO	50M roll 300mm Duraseal (28300CA)	-341.17
EFT26438	23/11/2023	TWO DOGS HOME HARDWARE	Solar lights for metal shape christmas decorations	-796.65
EFT26439	23/11/2023	ROSS'S DIESEL SERVICE	200 plough bolts and nuts 5/8 by 2 inch	-2317.74
EFT26440	23/11/2023	RAW CREATIVE	Rediscover Merredin 12 page A4 Brochure - Regresh Design Artwork, Design new Ads as required	-1942.50
EFT26441	23/11/2023	ROY'S STEEL PTY LTD	18m x 16m x 4m Shed - As of Quote No: 230396S-4	-28290.00
EFT26442	23/11/2023	BRADY AUSTRALIA PTY LTD T/AS SETON	PVC COATED STEEL CABLE 50M SPOOL FLAGPOLE WIRE	-221.42
EFT26443	23/11/2023	SYNERGY	Streetlighting	-41480.68
EFT26444	23/11/2023	STEWART & HEATON CLOTHING	Bush firefighting tunics for bushfire brigade volunteers	-2544.67
EFT26445	23/11/2023	SHIRE OF SANDSTONE	Long service leave staff Entitlement	-16557.68
EFT26446	23/11/2023	TELSTRA	Telephone charges	-1245.56
EFT26447	23/11/2023	PUBLIC TRANSPORT AUTHORITY	TransWA fares	-1758.54
EFT26448	23/11/2023	TEAM GLOBAL EXPRESS PTY LTD (TOLL)	Freight charges	-169.96
EFT26449	23/11/2023	TOPLINE EARTHMOVING	Firebreak Grading	-8541.50
EFT26450	23/11/2023	VANGUARD PRESS	Monthly Storage & Distribution of EWVG Brochure for October 2023	-422.59
EFT26451	23/11/2023	WA LOCAL GOVERNMENT ASSOC. (WALGA)	Council Member Essentials Training (5 Modules) Cr H Billing	-869.00
EFT26452	23/11/2023	THE M D & R N WILLIS FAMILY TRUST	TO REMOVE AND REFIT CBFCO RADIO	-470.00
EFT26453	23/11/2023	WA CONTRACT RANGER SERVICES PTY LTD	Provision of Ranger Services	-4336.75
EFT26454	23/11/2023	WHEATBELT UNIFORMS SIGNS & SAFETY	staff uniforms	-2743.36
EFT26455	23/11/2023	WA DISTRIBUTORS PTY LTD T/A ALLWAYS FOODS	cleaning products	-757.15
EFT26456	23/11/2023	WA TRAFFIC PLANNING	Traffic Management Plan Gala Night 2023	-385.00
EFT26457	23/11/2023	ZIPFORM PTY LTD	Supply and print as per Quote # 87843 of: 1000 x Rates 1000 x Instalment Notices 500 x Final Notices	-1723.34
EFT26458	23/11/2023	MERREDIN COMMUNITY RESOURCE CENTRE	Advertising Remembrance Day	-391.25
EFT26459	30/11/2023	THE AUSTRALIAN WORKERS UNION	Payroll Deductions/Contributions	-112.00
EFT26460	30/11/2023	AUSTRALIAN SERVICES UNION	Payroll Deductions/Contributions	-79.50
EFT26461	30/11/2023	DEPUTY CHILD SUPPORT REGISTRAR	Payroll Deductions/Contributions	-166.24
EFT26462	30/11/2023	SALARY PACKAGING AUSTRALIA	Salary Sacrifice for employees	-970.36
DD12904.1	09/11/2023	Bond Administrator	Housing Bond for WA Contract Ranger Services	-880.00
DD12905.1	06/11/2023	DEPARTMENT OF JUSTICE	Lodgement Fee for registering unpaid dog infringement	-83.50
DD12906.1	01/11/2023	NER FINANCE (EQUIPMENT RENTS)	Monthly rental charge for Lexmark CX943 Admin Printer	-515.19
DD12911.1	01/11/2023	BEAM SUPERANNUATION CLEARING HOUSE	Superannuation Payment as per Pay Run # 36 for PPE 28.10.2023	-23277.18
DD12913.1	16/11/2023	Bond Administrator	Key Bond for 17 Cummings Crescent	-100.00
DD12915.1	17/11/2023	BEAM SUPERANNUATION CLEARING HOUSE	Superannuation Payment as per Pay Run # 37 for PPE 14.11.2023	-22515.58
DD12918.1	21/11/2023	VONEX TELECOM	Various SOM Phone Accounts	-612.15
DD12921.1	24/11/2023	Bond Administrator	Housing Bond for Unit 3 - 1 Cummings Crescent	-574.60
DD12922.1	24/11/2023	Bond Administrator	Housing Bond for Unit 5 - 1 Cummings Crescent	-660.00
DD12923.1	29/11/2023	BEAM SUPERANNUATION CLEARING HOUSE	Superannuation Payment as per Pay Run # 39 for PPE 28.11.2023	-22817.37
DD12956.1	27/11/2023	COMMONWEALTH MASTERCARD	CORPORATE CHARGE CARD - CEO	-2045.32

Accounts already paid by means of Electronic Funds Transfer and Cheques submitted to the Ordinary Meeting of Council on November as listed.

MUNICIPAL BANK:  
TRUST BANK:  
WAGES 1/11/2023  
WAGES 15/11/2023

**\$1,895,145.59**  
**\$0.00**  
**\$104,771.32**  
**\$142,449.97**

SHIRE OF MERREDIN  
PAYMENT LISTING FOR NOVEMBER 2023

Cha/EFT	Date	Name	Description	Amount
		WAGES 29/11/2023		\$108,092.33
		<b>TOTAL</b>		<b>\$2,250,459.21</b>

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053

LISA CLACK  
 PO BOX 42  
 MERREDIN WA 6415

**SHIRE OF MERREDIN**

Account number [REDACTED]  
 Statement period 26 Oct 2023 - 24 Nov 2023  
 Credit limit \$5,000.00

**ENQUIRIES 13 1576**  
 24 hours a day, 7 days a week



**Your account balance**

Opening balance	\$0.00
New transactions	\$200.03
Payments/refunds	\$0.00
Closing balance	\$200.03

**Payment Arrangement**

Payment will be automatically deducted in terms of the agreement.

**Transactions**

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
29 Oct	BP EXPRESS ASCOT 2244 BELMONT WA	FCAR03	14.19	156.04 ✓
01 Nov	SQ *DIMENSIONS CAFE Merredin WA	Fuel - CEO car. 120402110.210	1.36	15.00 ✓
08 Nov	Adobe Systems Pty Ltd Sydney AUS	Catering W0062 EA Adobe Subscription	2.64	28.99 ✓

Please check your transactions listed on this statement and report any discrepancy to the Bank immediately.

\* \* \* \* \*



\*# 8080.38195.1.1 ZZ396 0913 SLCS.S111.D328.OV01.00.05

**IMPORTANT GST INFORMATION**

# Transaction shown with this symbol may indicate a mixed transaction. The GST has been calculated as if the transaction was wholly taxable at 1/11<sup>th</sup> of the price. You will need to obtain a tax invoice or adjustment note before claiming an input tax credit in relation to this transaction or adjustment.

053

CODI BRINDLEY-MULLEN  
 PO BOX 42  
 MERREDIN WA 6415

**SHIRE OF MERREDIN**

Account number [REDACTED]  
 Statement period 26 Oct 2023 - 24 Nov 2023  
 Credit limit \$5,000.00

**ENQUIRIES 13 1576**

24 hours a day, 7 days a week



**Your account balance**

Opening balance	\$0.00
New transactions	\$1,340.00
Payments/refunds	\$0.00
Closing balance	\$1,340.00

**Payment Arrangement**

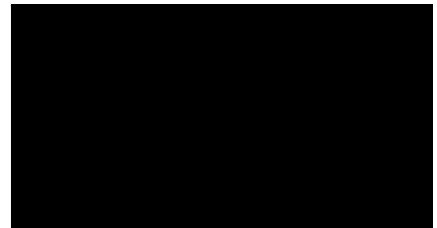
Payment will be automatically deducted in terms of the agreement.

**Transactions**

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
30 Oct	MERREDIN TOURIST PARK MERREDIN AUS	CTG13 240 2704	21.82	240.00
14 Nov	ST JOHN AMBULANCE AUST BELMONT AUS C. DALE, FIRST AID COURSE	2110353	15.45	170.00
20 Nov	DEPT OF RACING GAMIN EAST PERTH AUS Application fee for liquor licence transfer.	2110354	84.55	930.00

Please check your transactions listed on this statement and report any discrepancy to the Bank immediately.

\* \* \* \* \*



**IMPORTANT GST INFORMATION**

# Transaction shown with this symbol may indicate a mixed transaction. The GST has been calculated as if the transaction was wholly taxable at 1/11<sup>th</sup> of the price. You will need to obtain a tax invoice or adjustment note before claiming an input tax credit in relation to this transaction or adjustment.



Commonwealth Bank

Commonwealth Bank of Australia  
ABN 48 123 123 124 AFSL and  
Australian credit licence 234945

# Your Statement

## Corporate Charge Card

Page 1 of 2

053

MRS LEAH N BOEHME  
MRS LEAH BOEHME  
PO BOX 42  
MERREDIN WA 6415

### SHIRE OF MERREDIN

Account number [REDACTED]  
Statement period 26 Oct 2023 - 24 Nov 2023  
Credit limit \$5,000.00

### ENQUIRIES 13 1576

24 hours a day, 7 days a week



### Your account balance

Opening balance	\$0.00
New transactions	\$505.29
Payments/refunds	\$0.00
Closing balance	\$505.29

### Payment Arrangement

Payment will be automatically deducted in terms of the agreement.

### Transactions

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
26 Oct	MERREDIN SHIRE OFFICE	MERREDIN AUS 9131101 registration of SES vehicle	28.36	311.95
27 Oct	Mailchimp Atlanta	GA W0191, W0179, CTG04, 2140240 monthly subscription		63.34

Transactions continued over

\*# 29647.36474.1.1 ZZ396 0913 SL.CS.S901.D328.OV01.00.05

### IMPORTANT GST INFORMATION

# Transaction shown with this symbol may indicate a mixed transaction. The GST has been calculated as if the transaction was wholly taxable at 1/11<sup>th</sup> of the price. You will need to obtain a tax invoice or adjustment note before claiming an input tax credit in relation to this transaction or adjustment.





Commonwealth Bank

Commonwealth Bank of Australia  
ABN 48 123 123 124 AFSL and  
Australian credit licence 234945

# Transactions

26 Oct 2023 - 24 Nov 2023

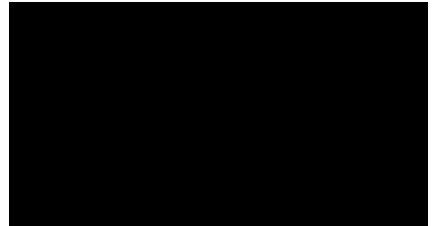
Page 2 of 2

## Transactions continued

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
06 Nov	Ventraip Australia 61390138464 VIC	CTG01 Cummins Theatre website hosting	1.27	14.00
15 Nov	MERREDIN PIZZA MERREDIN WA	2040211 catering	10.55	116.00

Please check your transactions listed on this statement and report any discrepancy to the Bank immediately.

\* \* \* \* \*



29647.36474.1.1 ZZ396 0913 SL\_CS.S901.D328.O V01.00.05



**Online:** Pay you credit card using NetBank, 24 hours a day, 7 days a week. Visit [netbank.com.au](http://netbank.com.au)



**Mail:** This slip with your **cheque** to:  
PO Box 962  
PARRAMATTA NSW 2124

MRS LEAH N BOEHME



BPAY® @ Registered to BPAY Pty Ltd  
ABN 69 079 137 518

Date paid

Amount paid



**Tax Invoice / Statement**

A distributor of BP and Castrol products  
**GREAT SOUTHERN FUEL SUPPLIES**  
ABN 65 367 095 233

www.gsfuels.com.au

Depot: **MERREDIN DEPOT**  
Address: PO Box 221  
Merredin WA 6415  
Phone: 08 9041 1082

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

Account Number: [REDACTED]  
Statement Date: **30/09/2023**  
Due Date: **14/10/2023**

Page 1 of 2

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
31/08/23		BALANCE CARRIED FORWARD					2,186.23
14/09/23	PY00000357894	PAYMENT - THANK YOU					-2,186.23

**\*\*\* CARD PURCHASES \*\*\***

CARD: [REDACTED] VEHICLE REGISTRATION: **40 MD EMES PCAR09** Amer Tawfik

03/09/23	058937	BP Diesel	BP MERREDIN	27.02	2.1192	5.21	57.26
10/09/23	059498	BP Diesel	BP MERREDIN	49.97	2.1591	9.81	107.89
22/09/23	000396	BP Diesel	BP MERREDIN	59.98	2.1891	11.94	131.30
<b>TOTALS FOR THIS CARD</b>				136.97		26.96	296.45

CARD: [REDACTED] VEHICLE REGISTRATION: **50 MD EMDS PCAR08** Peter Zenni

01/09/23	058783	Unleaded	BP MERREDIN	54.30	1.9890	9.82	108.00
08/09/23	059433	Unleaded	BP MERREDIN	30.59	2.0291	5.64	62.07
11/09/23	020278	ULP 91	BP THE LAKES	46.05	1.9990	8.37	92.05
11/09/23	020278	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
15/09/23	059917	Unleaded	BP MERREDIN	55.85	2.0591	10.46	115.00
21/09/23	042264	ULP 91	BP THE LAKES	43.34	2.2390	8.82	97.04
21/09/23	042264	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
22/09/23	060542	Unleaded	BP MERREDIN	31.75	2.0589	5.94	65.37
23/09/23	022471	ULP 91	BP WUBIN ROADHC			6.14	67.56
23/09/23	022471	BP Plus Fee	BP WUBIN ROADHC			0.04	0.38
25/09/23	026977	ULP 91	BP WONTHELLA			8.64	95.02
25/09/23	026977	BP Plus Fee	BP WONTHELLA			0.04	0.38
26/09/23	022609	ULP 91	BP WUBIN ROADHC			8.61	94.67
26/09/23	022609	BP Plus Fee	BP WUBIN ROADHC		0.3800	0.04	0.38
<b>TOTALS FOR THIS CARD</b>				379.43		72.64	798.68

CARD: [REDACTED] VEHICLE REGISTRATION: **60 MD SCEM PCAR02** Codi Brindley-Mullen

02/09/23	058872	BP Diesel	BP MERREDIN	49.55	2.1191	9.55	105.00 ✓
16/09/23	060008	BP Diesel	BP MERREDIN	52.09	2.1891	10.37	114.03 ✓

**BALANCE DUE**  
**2,829.61**

PLEASE DETACH THIS SECTION AND RETURN WITH YOUR REMITTANCE

BSB: 016 286  
ACC No. 837713846  
Please quote Account Number as reference  
Credit Card Payments - 1.1% Processing fee will apply

Account Number: [REDACTED]  
Statement Date: **30/09/2023**  
Due Date: **14/10/2023**

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

**AMOUNT DUE**  
**2,829.61**

**AMOUNT PAID**  
[REDACTED]

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
23/09/23	000423	BP Diesel	BP MERREDIN	49.95	2.1890	9.94	109.34 ✓
TOTALS FOR THIS CARD				151.59		29.86	328.37
CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: MD8877 EHO PCAR00		Meghna Dalwadi			
06/09/23	059214	BP Ultimate 98	BP MERREDIN	30.83	2.1992	6.16	67.80 ✓
15/09/23	059957	BP Ultimate 98	BP MERREDIN	51.70	2.2592	10.62	116.80 ✓
TOTALS FOR THIS CARD				82.53		16.78	184.60
CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 1DQS159 PSES08					
15/09/23	059964	BP Diesel	BP MERREDIN	123.30	2.1890	24.54	269.90
TOTALS FOR THIS CARD				123.30		24.54	269.90
CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: PROJECTS		Daniel Hay-Hendry			
11/09/23	038480	ULT DIESEL	BP INNALOO	51.43 ✓	2.2640	10.59	116.44
11/09/23	038480	BP Plus Fee	BP INNALOO		0.3800	0.04	0.38
23/09/23	039039	ULT DIESEL	BP INNALOO	37.01 ✓	2.3140	7.79	85.64
23/09/23	039039	BP Plus Fee	BP INNALOO		0.3800	0.04	0.38
25/09/23	006491	DIESEL	BP BREMER BAY R	63.77 ✓	2.3449	13.59	149.53
25/09/23	006491	BP Plus Fee	BP BREMER BAY R		0.3800	0.04	0.38
TOTALS FOR THIS CARD				152.21		32.09	352.75
CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 40MD CEO PCAR03		Lisa Clack			
03/09/23	061603	ULT DIESEL	BP ASCOT (CNR RE	51.40 ✓	2.1540	10.07	110.72 ✓
03/09/23	061603	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
10/09/23	061962	ULT DIESEL	BP ASCOT (CNR RE	52.74 ✓	2.1640	10.38	111.00 ✓
10/09/23	061962	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	
25/09/23	062681	ULT DIESEL	BP ASCOT (CNR RE	60.16 ✓	2.2340	12.22	134.40 ✓
25/09/23	062681	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
TOTALS FOR THIS CARD				164.30		32.79	360.39
CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 40MD EMCS PCAR07		Leah Boehme ✓			
06/09/23	015697	ULT DIESEL	BP JINDALEE	36.30	2.1840	7.21	79.28 ✓
06/09/23	015697	BP Plus Fee	BP JINDALEE		0.3800	0.04	0.38 ✓
09/09/23	059465	BP Diesel	BP MERREDIN	37.48	2.1590	7.36	80.92 ✓
10/09/23	004860	ULT DIESEL	BP CUNDERDIN RC	35.01	2.2140	7.05	77.51 ✓
10/09/23	004860	BP Plus Fee	BP CUNDERDIN RC		0.3800	0.04	0.38 ✓
TOTALS FOR THIS CARD				108.79		21.70	238.47
<b>CARD TOTALS</b>						<b>257.36</b>	<b>2,829.61</b>
<b>TOTAL OF NEW INVOICES THIS BILLING PERIOD</b>						<b>257.36</b>	<b>2,829.61</b>

Date Invoice Received 5/10/2023

Date Goods Received \_\_\_\_\_

Creditor Reference CG67

Account No various

Cost / E Type \_\_\_\_\_

Computations Checked \_\_\_\_\_

Authorised for Payment \_\_\_\_\_





**Tax Invoice / Statement**

A distributor of BP and Castrol products  
**GREAT SOUTHERN FUEL SUPPLIES**  
ABN 65 367 095 233

www.gsfuels.com.au

Depot: **MERREDIN DEPOT**  
Address: PO Box 221  
Merredin WA 6415  
Phone: 08 9041 1082

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

Account Number: [REDACTED]

Statement Date: **31/10/2023**

Due Date: **14/11/2023**

Page 1 of 2

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
30/09/23		BALANCE CARRIED FORWARD					2,829.61
12/10/23	PY00000364121	PAYMENT - THANK YOU					-2,829.61
<b>*** BULK DELIVERIES ***</b>							
24/10/23	15011283	DISTRIBUTOR CARD	paid on invoice 15011283	2.00	2.7500	0.50	5.50
<b>BULK DELIVERED TOTALS</b>				<b>2.00</b>		<b>0.50</b>	<b>5.50</b>

**\*\*\* CARD PURCHASES \*\*\* Amer Tawfik 44MD EMES PCAR09**

CARD: [REDACTED]	VEHICLE REGISTRATION: <del>40 MD</del> 44MD EMES PCAR09						
07/10/23	061748	BP Diesel	BP MERREDIN	56.80	2.1891	11.30	124.34
<b>TOTALS FOR THIS CARD</b>				<b>56.80</b>		<b>11.30</b>	<b>124.34</b>

CARD: [REDACTED]	VEHICLE REGISTRATION: <del>44 MD</del> 44MD EMES PCAR09						
20/10/23	062943	BP Diesel	BP MERREDIN	56.71	2.1591	11.13	122.44
<b>TOTALS FOR THIS CARD</b>				<b>56.71</b>		<b>11.13</b>	<b>122.44</b>

CARD: [REDACTED]	VEHICLE REGISTRATION: <del>50 MD</del> 50 MD EMDS PCAR08						
01/10/23	061180	Unleaded	BP MERREDIN	51.52	2.0390	9.55	105.05
11/10/23	062050	Unleaded	BP MERREDIN	54.94	2.0390	10.18	112.02
20/10/23	062884	Unleaded	BP MERREDIN	46.06	1.9989	8.37	92.07
21/10/23	023734	ULP 91	BP WUBIN ROADHC	35.25	2.2000	7.05	77.55
21/10/23	023734	BP Plus Fee	BP WUBIN ROADHC		0.3800	0.04	0.38
23/10/23	033124	ULP 91	BP WONTHELLA	44.69	2.0590	8.37	92.02
23/10/23	033124	BP Plus Fee	BP WONTHELLA		0.3800	0.04	0.38
23/10/23	023829	ULP 91	BP WUBIN ROADHC	33.28	2.1200	6.41	70.55
23/10/23	023829	BP Plus Fee	BP WUBIN ROADHC		0.3800	0.04	0.38
28/10/23	063581	Unleaded	BP MERREDIN	53.56	1.9991	9.73	107.07
<b>TOTALS FOR THIS CARD</b>				<b>319.30</b>		<b>59.78</b>	<b>657.47</b>

CARD: [REDACTED]	VEHICLE REGISTRATION: <del>60 MD</del> 60 MD SCEM PCAR02						
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**BALANCE DUE**  
**2,744.45**

PLEASE DETACH THIS SECTION AND RETURN WITH YOUR REMITTANCE

BSB: 016 286  
ACC No. 837713846  
Please quote Account Number as reference  
Credit Card Payments - 1.1% Processing fee will apply

Account Number: [REDACTED]

Statement Date: **31/10/2023**

Due Date: **14/11/2023**

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

**AMOUNT DUE**  
**2,744.45**

**AMOUNT PAID**  
**2738.95**

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
07/10/23	061724	BP Diesel	BP MERREDIN	37.69	2.1889	7.50	82.50 ✓
14/10/23	062355	BP Diesel	BP MERREDIN	44.43	2.1891	8.84	97.26 ✓
21/10/23	062993	BP Diesel	BP MERREDIN	56.16	2.1590	11.02	121.25 ✓
TOTALS FOR THIS CARD				138.28		27.36	301.01
CARD: ████████		VEHICLE REGISTRATION: MEGHNA DALWADI		VEHICLE REGISTRATION: MD8877		EHO PCAR38	
13/10/23	062322	Unleaded	BP MERREDIN	49.56	2.0389	9.19	101.05 ✓
14/10/23	062367	BP Diesel	BP MERREDIN	58.70	2.1889	11.68	128.49
TOTALS FOR THIS CARD				108.26		20.87	229.54
CARD: ████████		VEHICLE REGISTRATION: DANIEL HAY-HENDRY		VEHICLE REGISTRATION: SMALL MOTORS			
26/10/23	063423	Unleaded	BP MERREDIN	205.40	1.9990	37.33	410.59
TOTALS FOR THIS CARD				205.40		37.33	410.59
CARD: ████████		VEHICLE REGISTRATION: DANIEL HAY-HENDRY		VEHICLE REGISTRATION: PROJECTS		MP PUTE91	
01/10/23	049413	ULT DIESEL	BP BALDIVIS SOUT	32.91	2.2990	6.88	75.66 ✓
01/10/23	049413	BP Plus Fee	BP BALDIVIS SOUT		0.3800	0.04	0.38
20/10/23	062942	BP Diesel	BP MERREDIN	46.01	2.1591	9.03	99.34 ✓
28/10/23	040748	ULT DIESEL	BP INNALOO	61.74	2.2340	12.54	137.93 ✓
28/10/23	040748	BP Plus Fee	BP INNALOO		0.3800	0.04	0.38
TOTALS FOR THIS CARD				140.66		28.53	313.69 ✓
CARD: ████████		VEHICLE REGISTRATION: LISA CLACK		VEHICLE REGISTRATION: 40MD		OMD CEO PCAR03	
01/10/23	062991	ULT DIESEL	BP ASCOT (CNR RE	49.35	2.2340	10.02	110.25 ✓
01/10/23	062991	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
08/10/23	063355	ULT DIESEL	BP ASCOT (CNR RE	54.39	2.2140	10.95	120.42 ✓
08/10/23	063355	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
15/10/23	063750	ULT DIESEL	BP ASCOT (CNR RE	47.01	2.1740	9.29	102.20 ✓
15/10/23	063750	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
TOTALS FOR THIS CARD				150.75		30.38	334.01
CARD: ████████		VEHICLE REGISTRATION: LEAH BOEHME		VEHICLE REGISTRATION: 40MD		EMCS PCAR07	
02/10/23	005141	ULT DIESEL	BP THOMSONS LA	57.74	2.2740	11.94	131.30 ✓
02/10/23	005141	BP Plus Fee	BP THOMSONS LA		0.3800	0.04	0.38
06/10/23	016761	ULT DIESEL	BP JINDALEE	51.40	2.2140	10.35	113.80 ✓
06/10/23	016761	BP Plus Fee	BP JINDALEE		0.3800	0.04	0.38
TOTALS FOR THIS CARD				109.14		22.37	245.86
<b>CARD TOTALS</b>						<b>249.05</b>	<b>2,738.95</b>
<b>TOTAL OF NEW INVOICES THIS BILLING PERIOD</b>						<b>249.55</b>	<b>2,744.45</b>

Date Invoice Received 3/11/2023

Date Goods Received \_\_\_\_\_

Creditor Reference CG67

Account No various

Cost / E Type \_\_\_\_\_

Computations Checked \_\_\_\_\_

Authorised for Payment \_\_\_\_\_



**Tax Invoice / Statement**

A distributor of BP and Castrol products  
**GREAT SOUTHERN FUEL SUPPLIES**  
ABN 65 367 095 233

www.gsfuels.com.au

Depot: **MERREDIN DEPOT**  
Address: PO Box 221  
Merredin WA 6415  
Phone: 08 9041 1082

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

Account Number: **00098572**  
Statement Date: **30/11/2023**  
Due Date: **14/12/2023**

Page 1 of 2

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
31/10/23		BALANCE CARRIED FORWARD					2,744.45
10/11/23	PY0000037098E	PAYMENT - THANK YOU					-5.50
23/11/23	PY00000374662	PAYMENT - THANK YOU					-3,103.88

**\*\*\* CARD PURCHASES \*\*\* Amer Tawfik**

CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 44 MD		EMES PCAR09		[REDACTED]	
09/11/23	064539	BP Diesel	BP MERREDIN	49.54	2.1290	9.59	105.47
TOTALS FOR THIS CARD				49.54		9.59	105.47

**Peter Zenni**

CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 50 MD		EMDS PCAR08		[REDACTED]	
06/11/23	064195	Unleaded	BP MERREDIN	42.53	1.9991	7.73	85.02
07/11/23	098566	ULP 91	BP BALDIVIS NORT	43.94	1.7990	7.19	79.05
07/11/23	098566	BP Plus Fee	BP BALDIVIS NORT		0.3800	0.04	0.38
12/11/23	064717	Unleaded	BP MERREDIN	41.47	1.9790	7.46	82.07
14/11/23	023682	ULP 91	BP THE LAKES	32.08	1.7790	5.19	57.07
14/11/23	023682	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
18/11/23	065220	Unleaded	BP MERREDIN	29.13	1.9591	5.19	57.07
19/11/23	004391	ULP 91	BP AUSTRALIND	44.41	1.9740	7.97	87.67
19/11/23	004391	BP Plus Fee	BP AUSTRALIND		0.3800	0.04	0.38
21/11/23	065401	Unleaded	BP MERREDIN	50.05	1.9590	8.91	98.05
29/11/23	066140	Unleaded	BP MERREDIN	49.54	1.9590	8.82	97.05
TOTALS FOR THIS CARD				33.15		58.58	644.19

**Codi Brindley-Mullen**

CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 60 MD		SCEM PCAR02		[REDACTED]	
04/11/23	064090	BP Diesel	BP MERREDIN	57.05	2.1290	11.04	121.46
18/11/23	065234	BP Diesel	BP MERREDIN	43.76	2.0690	8.23	90.54
24/11/23	035403	ULSD 10PPM	NORTHAM OPT	53.31	1.9790	9.59	105.50
29/11/23	066081	BP Diesel	BP MERREDIN	46.00	1.9889	8.32	91.49
TOTALS FOR THIS CARD				200.12		37.18	408.99

CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: PROJECTS		MP PUTE91		[REDACTED]	
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**BALANCE DUE**  
**2,256.83**

PLEASE DETACH THIS SECTION AND RETURN WITH YOUR REMITTANCE

BSB: 016 286  
ACC No. 837713846  
Please quote Account Number as reference  
Credit Card Payments - 1.1% Processing fee will apply

Account Number: [REDACTED]  
Statement Date: **30/11/2023**  
Due Date: **14/12/2023**

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

**AMOUNT DUE**  
**2,256.83**

**AMOUNT PAID**  
**2499.55**

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
02/11/23	043912	ULT DIESEL	BP THE LAKES	62.73	2.1890	12.48	137.32
02/11/23	043912	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
04/11/23	034634	ULT DIESEL	BP COWARAMUP	58.66	2.2340	11.91	131.05
04/11/23	034634	BP Plus Fee	BP COWARAMUP		0.3800	0.04	0.38
19/11/23	044530	ULT DIESEL	BP THE LAKES	58.66	2.1090	11.25	123.71
19/11/23	044530	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
25/11/23	007064	DIESEL	BP BREMER BAY R	49.74	2.3104	10.45	114.92
25/11/23	007064	BP Plus Fee	BP BREMER BAY R		0.3800	0.04	0.38
TOTALS FOR THIS CARD				229.79		46.25	508.52
CARD: [REDACTED]		Leah Boehme		VEHICLE REGISTRATION: 40MD		EMCS PCAR07	
12/11/23	091210	ULT DIESEL	BP BELLEVUE	38.55	2.1340	7.48	82.27
12/11/23	091210	BP Plus Fee	BP BELLEVUE		0.3800	0.04	0.38
TOTALS FOR THIS CARD				38.55		7.52	82.65
CARD: [REDACTED]		Lisa Clack		VEHICLE REGISTRATION: 0MD		CEO PCAR03	
05/11/23	064935	ULT DIESEL	BP ASCOT (CNR RE	59.23	2.1740	11.71	128.77
05/11/23	064935	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
12/11/23	074970	ULT DIESEL	BP WOODBRIDGE	55.48	2.0740	10.46	115.07
12/11/23	074970	BP Plus Fee	BP WOODBRIDGE		0.3800	0.04	0.38
19/11/23	065738	ULT DIESEL	BP ASCOT (CNR RE	60.30	2.1140	11.59	127.47
19/11/23	065738	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
26/11/23	066154	ULT DIESEL	BP ASCOT (CNR RE	58.18	2.0940	11.08	121.83
26/11/23	066154	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
26/11/23	066154	ULT DIESEL	BP ASCOT (CNR RE	58.18	2.0940	11.08	121.83
26/11/23	066154	BP Plus Fee	BP ASCOT (CNR RE		0.3800	0.04	0.38
TOTALS FOR THIS CARD				291.37		56.12	616.87
CARD: [REDACTED]		Meghna Dalwadi		VEHICLE REGISTRATION: MD858		EHO PCAR38	
06/11/23	064225	BP Diesel	BP MERREDIN	63.72	2.1290	12.33	135.66
29/11/23	066086	BP Ultimate 98	BP MERREDIN	55.31	2.1589	10.86	119.41
TOTALS FOR THIS CARD				119.03		23.19	255.07
<b>CARD TOTALS</b>						<b>238.43</b>	<b>2,621.76</b>
<b>TOTAL OF NEW INVOICES THIS BILLING PERIOD</b>						<b>238.43</b>	<b>2,621.76</b>

ENTERED

Date Invoice Received 4/12/2023

Date Goods Received \_\_\_\_\_

Creditor Reference CG67


Account No various

Cost / E Type \_\_\_\_\_

Computations Checked \_\_\_\_\_

Authorised for Payment \_\_\_\_\_

## 14.4 List of Accounts Paid – December 2023

<h3>Corporate Services</h3> 	
<b>Responsible Officer:</b>	Leah Boehme, EMCS
<b>Author:</b>	As above
<b>Legislation:</b>	<i>Local Government Act 1995</i> <i>Local Government (Financial Management) Regulations 1996</i>
<b>File Reference:</b>	Nil
<b>Disclosure of Interest:</b>	Nil
<b>Attachments:</b>	Attachment 14.4A - Payments Listing December 2023

### Purpose of Report

Executive Decision

Legislative Requirement

For Council to receive the schedule of accounts paid for the month of December 2023.

### Background

The attached list of accounts paid during the month of December 2023, under Delegated Authority, is provided for Council's information and endorsement.

### Comment

Nil

### Policy Implications

Nil

### Statutory Implications

As outlined in the *Local Government Act 1995* and the *Local Government (Financial Management) Regulations 1996*.

### Strategic Implications

∅ Strategic Community Plan

Theme:

4. Communication and Leadership



Service Area Objective: 4.2.2 The Shire is progressive while exercising responsible stewardship of its built, natural and financial resources

Priorities and Strategies for Change: Nil

### Sustainability Implications

∅ Strategic Resource Plan

Compliance with the *Local Government (Administration) Regulations 1996* and to also give Council some direction regarding its management of finance over an extended period of time.

### Risk Implications

Council would be contravening the *Local Government Act 1995* and *Local Government (Financial Management) Regulations 1996* should this item not be presented.

### Financial Implications

All liabilities settled have been in accordance with the Annual Budget provisions.

### Voting Requirements

Simple Majority

Absolute Majority

### Resolution

Moved: Cr Billing

Seconded: Cr Anderson

**83317** That Council RECEIVE the schedule of accounts paid during December 2023 as listed, covering cheques, EFT's, directly debited payments and wages, as numbered and totaling \$898,646.19 from the Merredin Shire Council Municipal bank account and \$0 from the Merredin Shire Council Trust bank account.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

**SHIRE OF MERREDIN  
PAYMENT LISTING FOR DECEMBER 2023**

Cha/EFT	Date	Name	Description	Amount
25515	07/12/2023	PIVOTEL	Trak Spot charges	-37.00
25518	20/12/2023	PIVOTEL	Trak Spot charges	-37.00
EFT26463	07/12/2023	AUSTRALIA POST	postage charges	-233.78
EFT26464	07/12/2023	AVON WASTE	Waste collection	-19066.67
EFT26465	07/12/2023	AUSWEST PLUMBING AND CIVIL (WA) PTY LTD	Visitor centre toilets - Replace broken seats	-319.00
EFT26466	07/12/2023	RON BATEMAN & CO	poly tank flange quote 104234	-138.80
EFT26467	07/12/2023	BARTLETT MECHANICAL PTY LTD	MD9088 - 80k Service with sundries	-504.38
EFT26468	07/12/2023	BOC LIMITED	Oxygen & Acetylene	-62.79
EFT26469	07/12/2023	BIG SKY ENTERTAINMENT (WA) PTY LTD	Gala 2023 Entertainment	-5390.00
EFT26470	07/12/2023	CONPLANT PTY LTD	1 x month hire of a padfoot roller for works on Merredin Naremben Road	-4975.11
EFT26471	07/12/2023	MERREDIN CARPETS AND FLOORING CENTRE	1x 4L Synthetic Turf Adhesive	-160.00
EFT26472	07/12/2023	JH & L DREW T/AS COPIER SUPPORT	CWVC Monthly Photocopier charges for 1/7/2023 to 30/6/2024	-194.94
EFT26473	07/12/2023	CIRCUITWEST	Theatre production 2 November 2023 as per signed briefing note 29th June 2023	-5500.00
EFT26474	07/12/2023	CLOUD COLLECTIONS PTY LTD	Rates debt collection	-191.95
EFT26475	07/12/2023	COMBINED TYRES PTY LTD	1 new grader tire	-2467.30
EFT26476	07/12/2023	COCKIES AG	FL7930 - Southern Wire Fence Lock 7-90-30 200m	-645.95
EFT26477	07/12/2023	DUNNING'S DIRECT NORTHAM	small plant fuel	-341.67
EFT26478	07/12/2023	DRAKEFORD'S BUILDING AND MAINTENANCE	MRCLC works	-5500.00
EFT26479	07/12/2023	E & M.J. ROSHER PTY LTD	Hydraulic Dipstick	-42.91
EFT26480	07/12/2023	CARROLL & RICHARDSON T/AS FLAGWORLD LTD	1 Australian & 1 Aboriginal Flag - Fully Sewn with Loops - 1800 x 900 - Admin Building	-530.00
EFT26481	07/12/2023	FUEL DISTRIBUTORS OF WESTERN AUSTRALIA PTY	Diesel	-12775.14
EFT26482	07/12/2023	MERREDIN GLAZING SERVICE	Investigate window in the library that may have a faulty mechanism as it has been opening by itself.	-66.00
EFT26483	07/12/2023	GREAT EASTERN MOTOR LODGE	Accommodation for staff Checkin Wed 29 November 2023 Checkout Thurs 30 November 2023	-169.00
EFT26484	07/12/2023	GREAT SOUTHERN FUEL SUPPLIES	fuel card charges	-2692.18
EFT26485	07/12/2023	GEARING WHEATBELT SERVICES	Fortnightly Cleaning services	-6350.00
EFT26486	07/12/2023	GO MAD	Gala night, silly string for messv zone	-523.50
EFT26487	07/12/2023	MICHELLE GETHIN	Catering for Hines Hill - Nangeenan Bush Fire Brigade AGM	-45.03
EFT26488	07/12/2023	HERSEY'S SAFETY	10 asphalt rakes screw kit 4 broom handles hand cleaner window cleaner 24 magic trees 15 k&raes box	-1587.30
EFT26489	07/12/2023	JASON SIGN MAKERS	HYDEN - 1.6mm Aluminium Sign 1912 X 470 Class 400 (CL1) Reflective Vinyl White on Green with OL 1000	-653.07
EFT26490	07/12/2023	J.W ROGERS PTY LTD	JWR PC 7012 -- Convevor Belting --	-968.00
EFT26491	07/12/2023	JH COMPUTER SERVICES WA PTY LTD	Annual contract cost for JH Computer Services	-13416.70
EFT26492	07/12/2023	JOHN GEARING	Replacement of exterior lockset on hallway door to outside alfresco area.	-1005.00
EFT26493	07/12/2023	KARIS MEDICAL GROUP	Pre-employment medical	-396.00
EFT26494	07/12/2023	MERREDIN COLLEGE	2023 Primary Award Donation 2023 Yr 7-10 Awards Donations 2023 Yr 11 Awards Donations	-150.00
EFT26495	07/12/2023	MERREDIN ELECTRICS	Installation of contactor and timer - Dam 1 Grundfos Pump Set	-566.50
EFT26496	07/12/2023	NEXTRA MERREDIN NEWS & STATIONERY	CT Stationery	-188.83
EFT26497	07/12/2023	MERREDIN PANEL & PAINT	Insurance Excess for 44 MD	-500.00
EFT26498	07/12/2023	MERREDIN AUTO ELECTRICS	Remove hardwired spotlight ready for return to DFES	-231.00
EFT26499	07/12/2023	MERREDIN FREIGHTLINES	Delivery of 5 x Pallets of Sandbags plus fuel levv	-1161.16
EFT26500	07/12/2023	METROCOUNT	1 100m roll of tube 40 center flaps 30 vent plugs	-1589.50
EFT26501	07/12/2023	MERREDIN REFRIGERATION & AIR CONDITIONING	Repair non functioning evaporative ducted air-conditioner at 13 Cummings Crescent	-132.00
EFT26502	07/12/2023	MERREDIN RURAL SUPPLIES	ELBOW 90D E/F 75mm PLASSON QUOTE 20200928	-2716.21
EFT26503	07/12/2023	MONSTERBALL AMUSEMENTS & HIRE	Inflatables Gala 2023 - Small Package - QUOTE 17352552	-2645.00
EFT26504	07/12/2023	MERREDIN SUPA IGA	Cummins Theatre - Sundry Consumables	-114.75
EFT26505	07/12/2023	MERREDIN TOYOTA AND ISUZU UTE	MD9722 - Bridgestone Duellers x 4	-962.50
EFT26506	07/12/2023	MAITLAND CONSULTING GROUP PTY LTD	Executive Team Development	-3080.00
EFT26507	07/12/2023	POOLSHOP ONLINE PTY LTD	pool chemicals	-1927.20
EFT26508	07/12/2023	TWO DOGS HOME HARDWARE	Bushland Mulch	-12871.07
EFT26509	07/12/2023	ROSS'S DIESEL SERVICE	Repairs to Lights and Service	-4723.92
EFT26510	07/12/2023	SYNERGY	powerwatch Electricity charges	-7897.55
EFT26511	07/12/2023	SHRED-X PTY LTD	Shred-X	-26.00
EFT26512	07/12/2023	SAFE ROADS WA	Bullshead Rd - Seal widening to widen existing 6.0M width seal to 7.0m width seal (SLK 19.00 - 25.34)	-146212.00

**SHIRE OF MERREDIN  
PAYMENT LISTING FOR DECEMBER 2023**

Cha/EFT	Date	Name	Description	Amount
EFT26513	07/12/2023	D SAYERS MECHANICAL	Primary 25k Samples for Assessment	-1078.00
EFT26514	07/12/2023	SHIRE OF CUNDERDIN	Shire of Mererdin annual contribution towards the Velpic Software Onlie Training Platform for the	-426.00
EFT26515	07/12/2023	PUBLIC TRANSPORT AUTHORITY	TransWA fares	-1615.04
EFT26516	07/12/2023	TOURISM COUNCIL WA	Tourism Council WA 2024 Membership Renewal - Golden I Visitor Centre	-1650.00
EFT26517	07/12/2023	TEAM GLOBAL EXPRESS PTY LTD (TOLL)	Freight of PPE	-83.19
EFT26518	07/12/2023	VANGUARD PRESS	Print Merredin 12pp A4 Brochure - 6,000copies including Freight to Merredin.	-3432.00
EFT26519	07/12/2023	VANESSA AUSTRALIA	Replacement Goldeaf Jewellery as per Insurance Claim	-539.68
EFT26520	07/12/2023	WHEATBELT LIQUID WASTE	MRCLC grease trap pump out.	-553.00
EFT26521	07/12/2023	WATER CORPORATION	Water charges	-8.60
EFT26522	07/12/2023	WA CONTRACT RANGER SERVICES PTY LTD	Provision of Ranger Services FY23/24	-4728.63
EFT26523	07/12/2023	WHEATBELT UNIFORMS SIGNS & SAFETY	Local Government tabards for evacuation centre kits	-145.20
EFT26524	07/12/2023	WHEATBELT TECH SUPPLIES	Ipod Charger/s	-57.85
EFT26525	07/12/2023	MERREDIN COMMUNITY RESOURCE CENTRE	Notice of Election Results in Phoenix - 2 x Notices	-211.10
EFT26526	13/12/2023	AUSTRALIAN TAXATION OFFICE	BAS NOVEMBER 2023	-41083.00
EFT26527	13/12/2023	THE AUSTRALIAN WORKERS UNION	Pavroll Deductions/Contributions	-112.00
EFT26528	13/12/2023	AUSTRALIAN SERVICES UNION	Pavroll Deductions/Contributions	-79.50
EFT26529	13/12/2023	BCITF - BUILDING AND CONSTRUCTION INDUSTRY	BCITF November 2023	-81.75
EFT26530	13/12/2023	BUILDING AND ENERGY, DEPARTMENT OF MINES,	BSL November 2023	-283.25
EFT26531	13/12/2023	DEPUTY CHILD SUPPORT REGISTRAR	Pavroll Deductions/Contributions	-166.24
EFT26532	13/12/2023	MERREDIN FLOWERS & GIFTS	Remembrance day 2023 wreaths x 2 large	-220.00
EFT26533	13/12/2023	SALARY PACKAGING AUSTRALIA	Salary sacrifice for employee	-1089.42
EFT26534	20/12/2023	BRADLEY ANDERSON	Councillor payment	-1537.37
EFT26535	20/12/2023	AVON WASTE	waste collection charges	-19050.88
EFT26536	20/12/2023	ACCREDIT BUILDING SURVEYING &	Supply of amended Certificate of Design Compliance associated with variation to Building Permit for patio	-385.00
EFT26537	20/12/2023	ALLWEST PLANT HIRE AUSTRALIA PTY LTD	HAMM 3414 VIO Hire	-1952.50
EFT26538	20/12/2023	AFGRI EQUIPMENT AUSTRALIA PTY LTD	2023 JOHN DEERE GATOR HPX 815E	-28545.62
EFT26539	20/12/2023	RON BATEMAN & CO	easv lock end connector elbow 75mm tee 75mm elbow 90mm quote 104239	-2233.87
EFT26540	20/12/2023	BARTLETT MECHANICAL PTY LTD	Annual service for Merredin SES troop carrier 1DQS159	-715.28
EFT26541	20/12/2023	DRY KIRKNESS (AUDIT) PTY LTD	LRCI Audit 2022/23	-1650.00
EFT26542	20/12/2023	HAYLEY MARIE BILLING	Councillor payment, in-lieu of meeting attendance fees for the period 24 October to December 2023	-1537.37
EFT26543	20/12/2023	ROSS ALEXANDER BILLING	Councillor payment, in-lieu of meeting attendance fees for the period 1 October to 21 October 2023	-461.21
EFT26544	20/12/2023	DONNA MARIE CROOK	Councillor payment, in-lieu of meeting attendance fees for the period October to December 2023	-2252.72
EFT26545	20/12/2023	BURSWOOD NOMINEES LTD - CROWN	Accommodation - WALGA Supplier Showcase 2023 - 2 x Rooms Crown Promenade	-440.00
EFT26546	20/12/2023	VAL CURTIS	CWVC November 2023 Consignment	-16.00
EFT26547	20/12/2023	COCKIES AG	safety spec smoke lens quote 1105	-72.00
EFT26548	20/12/2023	DRAKEFORD'S BUILDING AND MAINTENANCE	MRCLC repairs	-8030.00
EFT26549	20/12/2023	ECOCYCLE PTY LTD	Removing Stillages	-1549.58
EFT26550	20/12/2023	ENDEAVOUR GROUP LTD - Woolworths Group	Christmas Party Catering	-461.00
EFT26551	20/12/2023	MALCOLM FRENCH	CWVC November 2023 Consignment	-30.00
EFT26552	20/12/2023	JULIE RAE FLOCKART	Councillor payment, in-lieu of meeting attendance fees for the period 1 October to 19 October 2023	-417.28
EFT26553	20/12/2023	FUEL DISTRIBUTORS OF WESTERN AUSTRALIA PTY	Fuel card purchase	-15.85
EFT26554	20/12/2023	BARBARA GREAVES	CWVC November 2023 Consignment	-79.20
EFT26555	20/12/2023	GREAT SOUTHERN FUEL SUPPLIES	SES & BFB fuel card purchases	-173.17
EFT26556	20/12/2023	GEARING WHEATBELT SERVICES	cleaning shire facilities	-6250.00
EFT26557	20/12/2023	GO MAD	Gala christmas tree tinsel	-91.50
EFT26558	20/12/2023	INTEGRITY MANAGEMENT SOLUTIONS	Attain 12 month subscription renewal - Attain Complete Packæ inclusive of Gifts & Returns. Gifts & Travel.	-6050.00
EFT26559	20/12/2023	INDUSTRIAL AUTOMATION GROUP	installation & power supply panel	-4499.00
EFT26560	20/12/2023	JANE DRAG	CWVC November 2023 Consignment	-14.40
EFT26561	20/12/2023	JET CHARGE PTY LTD	AS PER QUOTE 22kW 3 ph EV Charger with NMI PA Meter Pedestal, 1 x chargemate, black ESAM Lite 2 4G	-3735.87
EFT26562	20/12/2023	KARIS MEDICAL GROUP	employee vaccinations	-650.00
EFT26563	20/12/2023	LOCAL PEST CONTROL	Provision of pest control services including internal and external treatment at the MRCLC and surrounding	-935.00
EFT26564	20/12/2023	MERREDIN ELECTRICS	Investigate ongoing fault at MRCLC septic tanks. Make recommendations on how to prevent further faults	-508.20

**SHIRE OF MERREDIN  
PAYMENT LISTING FOR DECEMBER 2023**

Cha/EFT	Date	Name	Description	Amount
EFT26565	20/12/2023	MERREDIN AUTO ELECTRICS	LED Upgrade to existing Warning Beacons	-841.50
EFT26566	20/12/2023	MDN ELECTRICAL CONTRACTORS	Repair of pool pump - Merredin Pool	-863.50
EFT26567	20/12/2023	MERREDIN FREIGHTLINES	Pick up of T300 Court Sweeper	-272.86
EFT26568	20/12/2023	MERREDIN REFRIGERATION & AIR CONDITIONING	4 Cohn street - Please investigate ducted AC, it was serviced in March and had parts replaced but is having	-194.92
EFT26569	20/12/2023	MERREDIN RURAL SUPPLIES	foot valve adaptor male metric 110mmx2in coil solenoid quote 20202220	-1417.06
EFT26570	20/12/2023	JLT RISK SOLUTIONS PTY LTD (LGIS)	Regional Risk Co-ordinator fees December 2023	-8348.79
EFT26571	20/12/2023	MERREDIN SUPA IGA	Council - IGA Consumables for Council for FY23/24	-463.67
EFT26572	20/12/2023	MERREDIN TOYOTA AND ISUZU UTE	HILUX 4X4 2.8L SR Glacier White as per Quote 5874 (1)	-64528.57
EFT26573	20/12/2023	MERREDIN MILITARY MUSEUM	Community Grant funding as approved by council 83188	-5000.00
EFT26574	20/12/2023	MOVAT PTY LTD ATF MOVAT TRUST	SES SMS & hosting	-257.50
EFT26575	20/12/2023	MARGARET BUTLER	CWVC November 2023 Consignment	-12.50
EFT26576	20/12/2023	RENEE MARIE MANNING	Councillor payment, in-lieu of meeting attendance fees for the period October to December 2023	-2682.28
EFT26577	20/12/2023	MARK MCKENZIE	Councillor payment, in-lieu of meeting attendance fees for the period October 2023 to December 2023	-5445.00
EFT26578	20/12/2023	MOORE AUSTRALIA (WA) PTY LTD	Undertake Financial Management Review as per Proposal.	-4950.00
EFT26579	20/12/2023	MAITLAND CONSULTING GROUP PTY LTD	Executive Team Development	-6177.60
EFT26580	20/12/2023	NUNGARIN HERITAGE MACHINERY AND ARMY	CWVC November Consignment	-7.00
EFT26581	20/12/2023	NATALIE BLOM	CWVC November Consignment	-16.50
EFT26582	20/12/2023	NAREMBEEN HISTORICAL SOCIETY	CWVC November Consignment	-50.00
EFT26583	20/12/2023	ONE WILD SEED	CWVC November Consignment	-12.00
EFT26584	20/12/2023	PLANWEST	Provision of General Planning Consultancy Services to the Shire of Merredin	-2299.00
EFT26585	20/12/2023	ROMOLO PATRONI	Councillor payment, in-lieu of meeting attendance fees for the period 1 October to 21 October 2023	-461.21
EFT26586	20/12/2023	TWO DOGS HOME HARDWARE	HARNESS ADVANCE QUOTE 101000088	-778.82
EFT26587	20/12/2023	ROSS'S DIESEL SERVICE	Welder Set, Portable 15amp with Operating Kit	-3007.72
EFT26588	20/12/2023	ROY'S STEEL PTY LTD	Building Permit Fees and Charges	-4500.00
EFT26589	20/12/2023	SYNERGY	Electricity charges	-14462.62
EFT26590	20/12/2023	STEWART & HEATON CLOTHING	Bush firefighting overtrousers for bushfire brigade volunteers	-313.73
EFT26591	20/12/2023	SHIRE OF KELLERBERRIN	Reimbursement - LG Professionals Conference 2023 meals	-78.13
EFT26592	20/12/2023	MEGAN SIMMONDS	Councillor payment, in-lieu of meeting attendance fees for the period October to December 2023	-2042.50
EFT26593	20/12/2023	SALARY PACKAGING AUSTRALIA	Salary sacrifice for employees	-1089.42
EFT26594	20/12/2023	TELSTRA	Telephone charges whisper	-1499.06
EFT26595	20/12/2023	PUBLIC TRANSPORT AUTHORITY	Trans WA fares	-627.22
EFT26596	20/12/2023	T & B Construction	Work associated with provision of new guttering and downpipes at the Merredin Womens Rest Centre	-8822.58
EFT26597	20/12/2023	TOPLINE EARTHMOVING	float of loader	-1000.00
EFT26598	20/12/2023	VANGUARD PRESS	Monthly Storage & Distribution of EWVG Brochure for November 2023	-277.94
EFT26599	20/12/2023	PHIL VAN DER MERWE	Councillor payment, in-lieu of meeting attendance fees for the period October to December 2023	-2042.50
EFT26600	20/12/2023	WATER CORPORATION	water charges	-4296.57
EFT26601	20/12/2023	WA LOCAL GOVERNMENT ASSOC. (WALGA)	Council Member Essentials Training (5 Modules) Cr B Anderson	-869.00
EFT26602	20/12/2023	WA TREASURY CORP	Loan No. 217 Interest payment - CEACA	-35206.36
EFT26603	20/12/2023	CLINTON WAHLSTEN	Reimbursement for incident refreshments for volunteers Inc # 608475 flare up	-100.80
EFT26604	20/12/2023	WA CONTRACT RANGER SERVICES PTY LTD	WA contract ranger service 4/12 - 17/12/2023	-3762.00
EFT26605	20/12/2023	BJ WANLESS	CWVC November 2023 Consignment	-27.95
EFT26606	20/12/2023	WHEATBELT UNIFORMS SIGNS & SAFETY	uniform	-2239.34
EFT26607	20/12/2023	WINC AUSTRALIA	stationery	-681.36
EFT26608	20/12/2023	WALKER ELECTRICAL CONTRACTORS	EV Charger Installation -	-6494.95
EFT26609	20/12/2023	WA DISTRIBUTORS PTY LTD T/A ALLWAYS FOODS	As per attached quotation 181223	-1093.45
EFT26610	20/12/2023	WA TRAFFIC PLANNING	TMP - Crooks Road	-495.00
EFT26611	20/12/2023	MERREDIN COMMUNITY RESOURCE CENTRE	Gala Night Advertising	-979.65
EFT26612	21/12/2023	THE AUSTRALIAN WORKERS UNION	Payroll Deductions/Contributions	-112.00
EFT26613	21/12/2023	AUSTRALIAN SERVICES UNION	Payroll Deductions/Contributions	-79.50
EFT26614	21/12/2023	DEPUTY CHILD SUPPORT REGISTRAR	Payroll Deductions/Contributions	-166.24
DD12957.1	01/12/2023	NER FINANCE (EQUIPMENT RENTS)	Monthly rental charge for Lexmark CX943 Admin Printer	-515.19

**SHIRE OF MERREDIN  
PAYMENT LISTING FOR DECEMBER 2023**

Cha/EFT	Date	Name	Description	Amount
DD12981.1	22/12/2023	VONEX TELECOM	Various SOM Phone Accounts	-583.77
DD12982.1	13/12/2023	BEAM SUPERANNUATION CLEARING HOUSE	Superannuation Payment as per Pay Run # 40 for PPE 12.12.2023	-22790.40
DD12983.1	22/12/2023	BEAM SUPERANNUATION CLEARING HOUSE	Superannuation Payment as per Pay Run # 41 for PPE 26.12.2023	-22957.04

Accounts already paid by means of Electronic Funds Transfer and Cheques submitted to the Ordinary Meeting of Council on January as listed.

MUNICIPAL BANK:	\$674,958.95
TRUST BANK:	\$0.00
WAGES 13/12/2023	\$112,998.59
WAGES 22/12/2023	\$110,688.65
<b>TOTAL</b>	<b>\$898,646.19</b>



053

MRS LEAH N BOEHME  
MRS LEAH BOEHME  
PO BOX 42  
MERREDIN WA 6415

### SHIRE OF MERREDIN

Account number [REDACTED]  
Statement period 25 Nov 2023 - 22 Dec 2023  
Credit limit \$5,000.00

### ENQUIRIES 13 1576

24 hours a day, 7 days a week



### Your account balance

Opening balance	\$0.00
New transactions	\$211.04
Payments/refunds	\$0.00
Closing balance	\$211.04

### Payment Arrangement

Payment will be automatically deducted in terms of the agreement.

### Transactions

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
27 Nov	Mailchimp Atlanta GA	60191, 60179, 6004, 2140240, monthly subscription.		60.64
28 Nov	MERREDIN PIZZA MERREDIN WA	2040211 Catering	10.55	116.00

Transactions continued over

\*# 29643.36212.1.1 ZZ396 0913 SL\_CS.S901.D356.OV01.00.05

### IMPORTANT GST INFORMATION

# Transaction shown with this symbol may indicate a mixed transaction. The GST has been calculated as if the transaction was wholly taxable at 1/11<sup>th</sup> of the price. You will need to obtain a tax invoice or adjustment note before claiming an input tax credit in relation to this transaction or adjustment.



Commonwealth Bank

Commonwealth Bank of Australia  
ABN 48 123 123 124 AFSL and  
Australian credit licence 234945

# Transactions

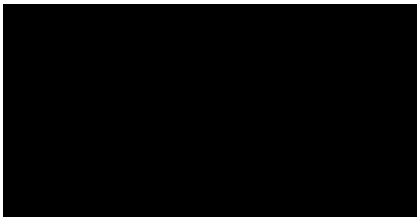
Account [REDACTED]  
25 Nov 2023 - 22 Dec 2023  
Page 2 of 2

## Transactions continued

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
06 Dec	Ventraip Australia 61390138464 VIC	CTA01 Cummins Theatre website hosting	1.27	14.00
13 Dec	MERREDIN SHIRE OFFICE MERREDIN AUS	9131101 Transfer of new Fire Engine	1.85	20.40

Please check your transactions listed on this statement and report any discrepancy to the Bank immediately.

\* \* \* \* \*



29643.36212.1.1 ZZ396 0913 SL\_CS.S901.D856.OV01.00.05



**Online:** Pay you credit card using NetBank, 24 hours a day, 7 days a week. Visit [netbank.com.au](http://netbank.com.au)



**Mail:** This slip with your **cheque** to:  
PO Box 962  
PARRAMATTA NSW 2124

MRS LEAH N BOEHME



BPAY® Registered to BPAY Pty Ltd  
ABN 69 079 137 518

Date paid

Amount paid



Commonwealth Bank

Commonwealth Bank of Australia  
ABN 48 123 123 124 AFSL and  
Australian credit licence 234945

# Your Statement

## Corporate Charge Card

Page 1 of 2

053

CODI BRINDLEY-MULLEN  
PO BOX 42  
MERREDIN WA 6415

### SHIRE OF MERREDIN

Account number [REDACTED]  
Statement period 25 Nov 2023 - 22 Dec 2023  
Credit limit \$5,000.00

### ENQUIRIES 13 1576

24 hours a day, 7 days a week



### Your account balance

Opening balance	\$0.00
New transactions	\$1,055.35
Payments/refunds	\$0.00
Closing balance	\$1,055.35

### Payment Arrangement

Payment will be automatically deducted in terms of the agreement.

### Transactions

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
√27 Nov	DEPT OF LOCAL GOV SPOR PERTH AUS	2110353 Annual Licence fee	60.05	660.50
√29 Nov	Express Online Trainin 61282590320 NSW	2140304 White Card Course	5.71	62.79
15 Dec	MERREDIN SUPA IGA MERREDIN WA	204201 ICE FOR XMAS PARTY	1.45	15.96

Transactions continued over

\*# 8131.37977.1.1 ZZ396 0913 SL\_CS.S111.D356.OV01.00.05

### IMPORTANT GST INFORMATION

# Transaction shown with this symbol may indicate a mixed transaction. The GST has been calculated as if the transaction was wholly taxable at 1/11<sup>th</sup> of the price. You will need to obtain a tax invoice or adjustment note before claiming an input tax credit in relation to this transaction or adjustment.



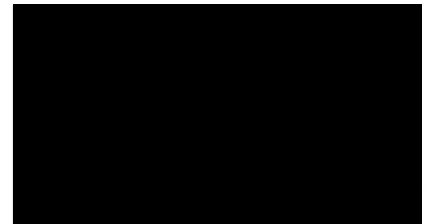


**Transactions** continued

Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
✓ 15 Dec	BP MERREDIN 6232 MERREDIN WA	204021	2.45	27.00
✓ 22 Dec	MERREDIN SHIRE OFFICE MERREDIN AUS	ICE FOR XMAS PARTY PCAE 39 265 2266 Initial Rego - Mazda	26.28	289.10

Please check your transactions listed on this statement and report any discrepancy to the Bank immediately.

\* \* \* \* \*



8131.37977.1.1 ZZ396 0913 SL.OS.S111.D356.OV01.00.05



**Online:** Pay you credit card using NetBank, 24 hours a day, 7 days a week. Visit [netbank.com.au](http://netbank.com.au)



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PO Box 962  
PARRAMATTA NSW 2124

**CODI BRINDLEY-MULLEN**



BPAY® © Registered to BPAY Pty Ltd  
ABN 69 079 137 518

**Date paid**

**Amount paid**



053

PIOTR ZENNI  
PO BOX 42  
MERREDIN WA 6415

**SHIRE OF MERREDIN**

Account number [REDACTED]  
Statement period 25 Nov 2023 - 22 Dec 2023  
Credit limit \$5,000.00

**ENQUIRIES 13 1576**

24 hours a day, 7 days a week

**Your account balance**

Opening balance	\$0.00
New transactions	\$734.15
Payments/refunds	\$0.00
Closing balance	\$734.15

**Payment Arrangement**

Payment will be automatically deducted in terms of the agreement.

**Transactions**

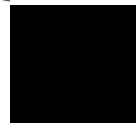
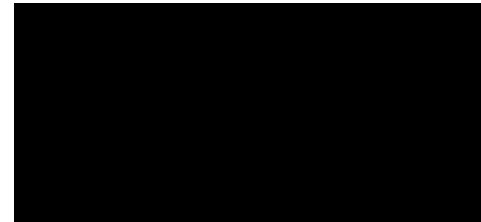
Date	Transaction details	Cardholder comments / Expense codes	GST# (\$)	Amount (\$)
15 Dec	SHIRE OF MERREDIN MERREDIN AUS		66.74	734.15

Please check your transactions listed on this statement and report any discrepancy to the Bank immediately.

\* \* \* \* \*

*Please allocate payment  
to LC002 297 2100*

*Tshyan*



**IMPORTANT GST INFORMATION**

# Transaction shown with this symbol may indicate a mixed transaction. The GST has been calculated as if the transaction was wholly taxable at 1/11<sup>th</sup> of the price. You will need to obtain a tax invoice or adjustment note before claiming an input tax credit in relation to this transaction or adjustment.



#\* 8132.37978.1.1 ZZ396 0913 SL.CS.S111.D366.OV01.00.05



Commonwealth Bank

Commonwealth Bank of Australia  
ABN 48 123 123 124 AFSL and  
Australian credit licence 234945

# Transactions

Account [REDACTED]  
25 Nov 2023 - 22 Dec 2023  
Page 2 of 2

8132.37978.1.1 ZZ396 0913 SL.CS.S111.D356.OV01.00.05



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PO Box 962  
PARRAMATTA NSW 2124

**PIOTR ZENNI**



BPAY® @ Registered to BPAY Pty Ltd  
ABN 69 079 137 518

**Date paid**

**Amount paid**

\$



**Tax Invoice / Statement**

A distributor of BP and Castrol products  
**GREAT SOUTHERN FUEL SUPPLIES**  
ABN 65 367 095 233

www.gsfuels.com.au

Depot: **MERREDIN DEPOT**  
Address: PO Box 221  
Merredin WA 6415  
Phone: 08 9041 1082

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

Account Number: [REDACTED]  
Statement Date: **31/12/2023**  
Due Date: **14/01/2024**

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
30/11/23		BALANCE CARRIED FORWARD					2,256.83
07/12/23	PY00000377686	PAYMENT - THANK YOU					-2,692.18
20/12/23	PY00000381504	PAYMENT - THANK YOU					-173.17
<b>*** CARD PURCHASES *** Peter Zenni PCAR08 EMDS</b>							
CARD: [REDACTED]		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 50 MD					
02/12/23	066368	Unleaded	BP MERREDIN	46.99	1.9589	8.37	92.05
04/12/23	024696	ULP 91	BP THE LAKES	37.53	1.8390	6.28	69.02
04/12/23	024696	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
04/12/23	014018	ULP 91	BP AUSTRALIND	49.50	1.9140	8.61	94.74
04/12/23	014018	BP Plus Fee	BP AUSTRALIND		0.3800	0.04	0.38
08/12/23	001400	Unleaded	BP MERREDIN	58.82	1.9390	10.37	114.05
15/12/23	067376	Unleaded	BP MERREDIN	51.90	1.8690	8.82	97.00
16/12/23	045593	ULP 91	BP THE LAKES	52.57	1.7690	8.46	93.00
16/12/23	045593	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
24/12/23	068084	Unleaded	BP MERREDIN	52.49	1.8489	8.82	97.05
26/12/23	045901	ULP 91	BP THE LAKES	43.13	1.7390	6.82	75.00
26/12/23	045901	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
30/12/23	045995	ULP 91	BP THE LAKES	51.81	1.7390	8.19	90.10
30/12/23	045995	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
TOTALS FOR THIS CARD				444.74		74.94	823.91
CARD: 70501633528525459		VEHICLE REGISTRATION: VEHICLE REGISTRATION: 60 MD					
04/12/23	001326	BP Diesel	BP MERREDIN	59.09	1.9890	10.69	117.53
TOTALS FOR THIS CARD				59.09		10.69	117.53
CARD: 70501653242806381		VEHICLE REGISTRATION: VEHICLE REGISTRATION: SMALL MOTORS					
01/12/23	001285	BP Diesel	BP MERREDIN	61.49	1.9889	11.12	122.30 ✓
TOTALS FOR THIS CARD				61.49		11.12	122.30
CARD: 70501653242830357		VEHICLE REGISTRATION: VEHICLE REGISTRATION: PROJECTS					
			PUTE91				

**BALANCE DUE**  
**1,282.66**

PLEASE DETACH THIS SECTION AND RETURN WITH YOUR REMITTANCE

BSB: 016 286  
ACC No. 837713846  
Please quote Account Number as reference  
Credit Card Payments - 1.1% Processing fee will apply

Account Number: [REDACTED]  
Statement Date: **31/12/2023**  
Due Date: **14/01/2024**

**SHIRE OF MERREDIN**  
**PO BOX 42**  
**MERREDIN**  
**WA 6415**

**AMOUNT DUE**  
**1,282.66**


**AMOUNT PAID**  
[REDACTED]

Date	Reference No	Description	Location / Reference	Qty	Unit Price	GST	Total
03/12/23	045083	ULT DIESEL	BP THE LAKES	56.20 ✓	2.0290	10.37	114.03
03/12/23	045083	BP Plus Fee	BP THE LAKES		0.3800	0.04	0.38
10/12/23	066995	BP Diesel	BP MERREDIN	28.97 ✓	1.9589	5.16	56.75
25/12/23	101689	ULT DIESEL	BP BALDIVIS NORT	61.72 ✓	2.0090	11.27	124.00
25/12/23	101689	BP Plus Fee	BP BALDIVIS NORT		0.3800	0.04	0.38
28/12/23	007380	DIESEL	BP BREMER BAY R	61.37 ✓	2.3100	12.89	141.76
28/12/23	007380	BP Plus Fee	BP BREMER BAY R		0.3800	0.04	0.38
28/12/23	011175	DIESEL	BP DUNSBOROUGH	49.48 ✓	2.0040	9.02	99.16
28/12/23	011175	BP Plus Fee	BP DUNSBOROUGH		0.3800	0.04	0.38
TOTALS FOR THIS CARD				257.74		48.87	537.22
CARD: [REDACTED] VEHICLE REGISTRATION: [REDACTED] LEAH BOEHME							
VEHICLE REGISTRATION: 40MD PCAR07 EMCS							
30/12/23	019800	ULT DIESEL	BP JINDALEE	55.02	1.9140	9.57	105.31 ✓
30/12/23	019800	BP Plus Fee	BP JINDALEE		0.3800	0.04	0.38
TOTALS FOR THIS CARD				55.02		9.61	105.69
CARD: [REDACTED] VEHICLE REGISTRATION: [REDACTED] LISA CLACK							
VEHICLE REGISTRATION: 0MD PCAR03 CEO							
26/11/23	066154	ULT DIESEL	BP ASCOT (CNR RE)	-58.18	2.0940	-11.08	-121.83
26/11/23	066154	BP Plus Fee	BP ASCOT (CNR RE)		0.3800	-0.04	-0.38
03/12/23	066596	ULT DIESEL	BP ASCOT (CNR RE)	57.62	2.0540	10.76	118.35 ✓
03/12/23	066596	BP Plus Fee	BP ASCOT (CNR RE)		0.3800	0.04	0.38
TOTALS FOR THIS CARD				-0.56		-0.32	3.48
CARD: [REDACTED] VEHICLE REGISTRATION: [REDACTED] MEGHNA DALWADI							
VEHICLE REGISTRATION: MD858 PCAR38 EHO							
13/12/23	067241	BP Diesel	BP MERREDIN	66.71	1.9191	11.64	128.02 ✓
23/12/23	068032	BP Diesel	BP MERREDIN	32.27	1.8590	5.45	59.99 ✓
TOTALS FOR THIS CARD				98.98		17.09	188.01
<b>CARD TOTALS</b>						<b>172.00</b>	<b>1,891.18</b>
<b>TOTAL OF NEW INVOICES THIS BILLING PERIOD</b>						<b>172.00</b>	<b>1,891.18</b>

**Date Invoice Received** 3/1/2024  
**Date Goods Received** \_\_\_\_\_  
**Creditor Reference** CG67  
**Account No** various  
**Cost / E Type** \_\_\_\_\_  
**Computations Checked** \_\_\_\_\_  
**Authorised for Payment** \_\_\_\_\_

## 14.5 Purchasing exemption – Grandstand Bar & Restaurant

*Cr Billing declared an Impartiality Interest in this Item.*

<h3>Community Services</h3> 	
<b>Responsible Officer:</b>	Codi Brindley-Mullen, EMS&C
<b>Author:</b>	Melissa Warren, Recreation & Aquatics Manager
<b>Legislation:</b>	<i>Local Government Act 1995                  Local Government (Financial Management) Regulations 1996</i>
<b>File Reference:</b>	Nil
<b>Disclosure of Interest:</b>	Nil
<b>Attachments:</b>	Attachment 14.5A – Potential Quote (CONFIDENTIAL) Attachment 14.5B - Policy 3.12 - Purchasing Policy

### Purpose of Report

Executive Decision



Legislative Requirement

To seek Council approval to undertake an alternative purchasing process specified under the Shire of Merredin (the Shire) Purchasing Policy, to allow for the purchase of food and alcohol to stock the Merredin Regional Community & Leisure Centre (MRCLC) Grandstand Bar and Restaurant (Grandstand).

### Background

In October 2023, the Shire took the management of the MRCLC back inhouse after seven years of outsourced management. This included the management and operation of the Grandstand.

Throughout the process of bringing the MRCLC operations back inhouse, it was identified that having the Grandstand operating for the local sporting groups and the broader community was a key priority.

Since October, the bar and restaurant facility has not been functional due to the complexities that arose around the facilities liquor license. On 8 January 2024, the liquor license was granted, which now allows for the reopening of the bar. To facilitate this in a timely and efficient manner, the Administration is seeking to undertake an alternative purchasing process for the purpose of sourcing and purchasing stock for the bar and restaurant.

### Comment

Now that approval has been granted for the liquor license it is important to have the Grandstand operational as soon as practicable. The Shire’s Purchasing Policy states that;

*“In any case, where there is no relevant current contract, each purchasing activity is to assess the Purchasing Value based upon the following considerations:*

*(b) The estimated total expenditure for the proposed supply including the value of all contract extension options and where applicable, the total cost of ownership considerations.”*

With this in mind, a long-term contract would likely have a value of greater than \$250,000, which requires a tender process to be completed before purchasing can be authorised. To run a tender process, it may take several months, therefore it would see the Grandstand remain closed to the public for a longer period.

Should Council agree to have the Administration undertake an alternative process on this occasion, the Administration will treat the initial stock purchase as a one-off purchasing process and meet the requirements of the Purchasing Policy for a purchase of between \$6,001 and \$20,000. This will see the Administration seek three (3) quotes from suitable suppliers for the provision of stock for the facility.

The Administration has already sourced a product list from an approved supplier, being Liquor Traders Australia, who has serviced the Grandstand previously and developed a quote to stock the Grandstand as shown in Attachment 14.5A.

As the operational business requirements of the Grandstand regarding stock turnover are not yet known by the Shire, we will be assessing this in the initial months and will utilise this data should a formal tender process be required. This will likely occur in approximately nine to twelve months. Following this process, it allows the Administration time to understand the operational needs of the business, complete assessment of stock sales, assess the estimated financial implication on the Shire.

If deemed necessary, on completion of the review of the Grandstand Bar & Restaurant operations, a tender process will then be undertaken.

### Policy Implications

Under the current Purchasing Policy (3.12), purchases with an accumulative over three (3) years of greater than \$250,000 require a tender process be completed.

### Statutory Implications

Compliance with the *Local Government (Administration) Regulations 1996*.

### Strategic Implications

Ø Strategic Community Plan

- |                                       |   |
|---------------------------------------|---|
| Theme:                                | 1. Community and Culture  |
| Service Area Objective:               | 1.2.1 – Sporting Clubs are thriving in membership and volunteers, with an appropriate standard of facilities and other support events                     |
| Priorities and Strategies for Change: | Development of sport and recreation: infrastructure and participation.<br>Development of the MRCLC as the main hub for sports and recreation in Merredin. |
| Theme:                                | 2. Economy and Growth   |

Service Area Objective: 2.1.3 - Job and training opportunities are available in Merredin to community members who are entering the workforce.

2.2.1 – Visitors to the Shire are well serviced and accommodated, with opportunities that leverage our historic, cultural environment and natural assets

Priorities and Strategies for Change: Nil

Theme: 4. Communication and Leadership

Service Area Objective: 4.1.2 – The council works closely with the community to successfully achieve projects or outcomes that deliver the community’s vision for Merredin.

Priorities and Strategies for Change: Maximising the value of the Shire assets.

### Sustainability Implications

∅ Strategic Resource Plan

Nil

### Risk Implications

If Council do not agree to the alternative process than the Grandstand will remain closed to the public until the tender process is undertaken.

### Financial Implications

Funds for the purchase of stock are budgeted in GL 2110353.



### Voting Requirements



Simple Majority



Absolute Majority

### Resolution

Moved: Cr McKenzie

Seconded: Cr Van Der Merwe

That Council;

**83318**

1. **APPROVE** an alternative process be undertaken for the purchase of stock to allow the operations of the Grandstand Bar and Restaurant to commence; and
2. **INSTRUCTS** the Chief Executive Officer to have the Administration undertake a full review of the operations of the Grandstand Bar & Restaurant within twelve months.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

<b>POLICY NUMBER</b>	-	<b>3.12</b>
<b>POLICY SUBJECT</b>	-	<b>3.12 Purchasing Policy</b>

## 1. POLICY PURPOSE

The purpose of this policy is to outline the purchasing practices that will be adhered to by all staff of the Shire of Merredin (the “Shire”) when completing any purchasing activities.

## 2. POLICY SCOPE

The Shire is committed to applying the objectives, principles and practices outlined in this Policy, to all purchasing activities and to ensure alignment with the Shire’s strategic and operational objectives.

## 3. LEGISLATIVE REQUIREMENTS

*Local Government Act 1995 and Local Government (Functions and General) Regulations 1996.*

## 4. POLICY STATEMENT

### 4.1 Purchasing Objectives

The Shire’s purchasing activities will:

- a) Achieve best value for money that considers sustainable benefits, such as environmental, social and local economic factors;
- b) Foster economic development by maximising participation of local businesses in the delivery of goods and services;
- c) Use consistent, efficient and accountable purchasing processes and decision-making, including competitive quotation processes, assessment of best value for money and sustainable procurement outcomes for all purchasing activity, including tender exempt arrangements;
- d) Apply fair and equitable competitive purchasing processes that engage potential suppliers impartially, honestly and consistently;
- e) Commit to probity and integrity, including the avoidance of bias and of perceived and actual conflicts of interest;
- f) Comply with the *Local Government Act 1995, Local Government (Functions and General) Regulations 1996*, other relevant legislation, Codes of Practice, Standards and the Shire’s Policies and procedures;
- g) Ensure purchasing outcomes contribute to efficiencies (time and resources) for the Shire;
- h) Identify and manage risks arising from purchasing processes and purchasing outcomes in accordance with the Shire’s Risk Management Framework;
- i) Ensure records evidence purchasing activities in accordance with the *State Records Act 2000* and the Shire’s Record Keeping Plan;
- j) Ensure confidentiality that protects commercial-in-confidence information and only releases information where appropriately approved.

## **4.2 Ethics and Integrity**

The Shire's Code of Conduct applies when undertaking purchasing activities and decision making, requiring Council Members and employees to observe the highest standards of ethics and integrity and act in an honest and professional manner at all times

## **4.3 Value for Money**

The Shire will apply value for money principles in critically assessing purchasing decisions and acknowledges that the lowest price may not always be the most advantageous.

### **4.3.1 Assessing Value for Money**

Value for money assessment will consider:

- (a) All relevant Total Costs of Ownership (TCO) and benefits including transaction costs associated with acquisition, delivery, distribution, and other costs such as, but not limited to; holding costs, consumables, deployment, training, maintenance and disposal;
- (b) The technical merits of the goods or services being offered in terms of compliance with specifications, contractual terms and conditions and any relevant methods of assuring quality. This includes but is not limited to an assessment of compliances, the supplier's resource availability, capacity and capability, value-adds offered, warranties, guarantees, repair and replacement policies and response times, ease of inspection and maintenance, ease of after sales service, ease of communications, etc.
- (c) The supplier's financial viability and capacity to supply without the risk of default, including the competency of the prospective suppliers in terms of managerial and technical capabilities and compliance history;
- (d) A strong element of competition by obtaining a sufficient number of competitive quotations consistent with this Policy, where practicable;
- (e) The safety requirements and standards associated with both the product design and the specification offered by suppliers and the evaluation of risk arising from the supply, operation and maintenance;
- (f) The environmental, economic and social benefits arising from the goods, services or works required, including consideration of these benefits in regard to the supplier's operations, in accordance with this Policy and any other relevant Shire Policy including Local Economic Benefit; and
- (g) Analysis and management of risks and opportunities that may be associated with the purchasing activity, potential supplier/s and the goods or services required.

## **4.4 Purchasing Thresholds and Practices**

### **4.4.1 Defining the Purchasing Value**

The Shire will apply reasonable and consistent methodologies to assess and determine Purchasing Values, which ensure:

- (a) The appropriate purchasing threshold and practice is applied in all purchasing activities; and
- (b) Wherever possible, purchasing activity for the same category of supply is aggregated into single contract arrangements to achieve best value and efficiency in future

purchasing activities where the requirements are able to be provided by a single supplier.

A *category of supply* can be defined as groupings of similar goods or services with common supply and demand drivers; market characteristics; or suppliers.

**(1) Strategic Purchasing Value Assessments**

The Shire will periodically review recent past purchasing activity across its operations to identify categories of supply for which the Shire will have continuing need and which can be aggregated into single contract arrangements in order to achieve best value for money and efficiency in future purchasing activity.

The assessment of aggregated expenditure for the same category of supply capable of being supplied by a single supplier will determine the Purchasing Value threshold applicable to future purchasing activity.

**(2) Individual Purchasing Value Assessments**

In any case, where there is no relevant current contract, each purchasing activity is to assess the Purchasing Value based upon the following considerations:

- (a) Exclusive of Goods and Services Tax (GST); and
- (b) The estimated total expenditure for the proposed supply including the value of all contract extension options and where applicable, the total cost of ownership considerations.
- (c) The appropriate length of a contract is to be determined based on market volatility, ongoing nature of supply, historical purchasing evidence and estimated future purchasing requirements.
- (d) Requirements must not be split to avoid purchasing or tendering thresholds [F&G Reg. 12].

The calculated estimated Purchasing Value will determine the applicable threshold and purchasing practice to be undertaken.

**4.4.2 Table of Purchasing Thresholds and Practices**

**(1) Supplier Order of Priority**

The Shire will consider and apply, where applicable, the following Supplier Order of Priority:

<b>Priority 1:</b>	<p><b>Existing Prequalified Supplier Panel or other Contract</b></p> <p>Current contracts, including a Panel of Prequalified Suppliers or contracted supplier, must be used where the Shire’s supply requirements can be met through the existing contract.</p> <p>If the Shire does not have a current contract relevant to the required supply, then a relevant WALGA PSA may be used.</p>
--------------------	--

<p><b>Priority 2:</b></p>	<p><b>Local Suppliers</b></p> <p>Where the Purchasing Value does not exceed the tender threshold and a relevant local supplier is capable of providing the required supply, the Shire will ensure that wherever possible quotations are obtained from local suppliers permanently located within the District as a first priority, and those permanently located within surrounding Districts as the second priority.</p> <p>If no relevant local supplier is available, then a relevant WALGA PSA may be used.</p>
<p><b>Priority 3:</b></p>	<p><b>Tender Exempt - WALGA Preferred Supplier Arrangement (PSA)</b></p> <p>Use a relevant WALGA PSA regardless of whether or not the Purchasing Value will exceed the tender threshold.</p> <p>However, if a relevant PSA exists but an alternative supplier is considered to provide best value, then the CEO, or an officer authorised by the CEO, must approve the alternative supplier. Reasons for not using a PSA may include:</p> <ul style="list-style-type: none"> <li>i. Local supplier availability (that are not within the PSA); or,</li> <li>ii. Social procurement – preference to use Aboriginal business or Disability Enterprise.</li> </ul> <p>If no relevant WALGA PSA is available, then a relevant State Government CUA may be used.</p>
<p><b>Priority 4:</b></p>	<p><b>Tender Exempt - WA State Government Common Use Arrangement (CUA)</b></p> <p>Use a relevant CUA regardless of whether or not the Purchasing Value will exceed the tender threshold.</p> <p>However, if a relevant CUA exists, but an alternative supplier is considered to provide best value for money, then the proposed alternative supplier must be approved by the CEO, or an officer authorised by the CEO.</p> <p>If no relevant CUA is available, then a Tender Exempt <i>[F&amp;G Reg.11(2)]</i> arrangement may be used.</p>
<p><b>Priority 5:</b></p>	<p><b>Other Tender Exempt arrangement <i>[F&amp;G Reg. 11(2)]</i></b></p> <p>Regardless of whether or not the Purchasing Value will exceed the tender threshold, the Shire will investigate and seek quotations from tender exempt suppliers, and will specifically ensure that wherever possible quotations are obtained from a WA Disability Enterprise and/or an Aboriginal Owned Business that is capable of providing the required supply.</p>
<p><b>Priority 6:</b></p>	<p><b><u>Other Suppliers</u></b></p> <p>Where there is no relevant existing contract or tender exempt arrangement available, purchasing activity from any other supplier is to be in accordance with relevant Purchasing Value Threshold and Purchasing Practice specified in the table below.</p>

**(2) Purchasing Practice Purchasing Value Thresholds**

The Purchasing Value, assessed in accordance with clause 4.4.2(1), determines the Purchasing Practice to be applied to the Shire’s purchasing activities.

Purchase Value Threshold <i>(ex GST)</i>	Purchasing Practice
Up to \$6,000 <i>(ex GST)</i>	<p>No quotations are required. Staff are to use professional judgement and discretion to determine if prices or rates offer value for money. Purchases are to be made from a suitable supplier in accordance with the Supplier Order of Priority detailed in clause 4.4.2(1), using a Purchase Order or Corporate Credit Card issued by the Shire.</p> <p>The purchasing decision is to be evidenced in accordance with the Shire's Record Keeping Plan.</p>
From \$6,001 and up to \$20,000 <i>(ex GST)</i>	<p>Seek at least two (2) verbal or written quotations from suitable suppliers in accordance with the Supplier Order of Priority detailed in clause 4.4.2(1).</p> <p>If purchasing from a WALGA PSA, CUA or other tender exempt arrangement, a minimum of one (1) written quotation is to be obtained.</p> <p>The purchasing decision is to be based upon assessment of the supplier's response to:</p> <ul style="list-style-type: none"> <li>• a brief outline of the specified requirement for the goods; services or works required; and</li> <li>• Value for Money criteria, not necessarily the lowest price.</li> </ul> <p>The purchasing decision is to be evidenced using a brief evaluation report retained in accordance with the Shire's Record Keeping Plan.</p>
From \$20,001 and up to \$50,000 <i>(ex GST)</i>	<p>Seek at least three (3) written quotations from suitable suppliers in accordance with the Supplier Order of Priority detailed in clause 4.4.2(1) except if purchasing from a WALGA PSA, CUA or other tender exempt arrangement, where a minimum of one (1) written quotation is to be obtained.</p> <p>The purchasing decision is to be based upon assessment of the supplier's responses to:</p> <ul style="list-style-type: none"> <li>• a brief outline of the specified requirement for the goods; services or works required; and</li> <li>• Value for Money criteria, not necessarily the lowest quote.</li> </ul> <p>The purchasing decision is to be evidenced using a brief evaluation report retained in accordance with the Shire's Record Keeping Plan.</p>
From \$50,001 and up to \$250,000 <i>(ex GST)</i>	<p>Seek at least three (3) written responses from suppliers by invitation under a formal Request for Quotation in accordance with the Supplier Order of Priority detailed in clause 4.4.2(1), except if purchasing from a WALGA PSA, CUA or other tender exempt arrangement, where a minimum of one (1) written quotation is to be obtained.</p> <p>The purchasing decision is to be based upon assessment of the supplier's response to:</p> <ul style="list-style-type: none"> <li>• a detailed written specification for the goods, services or works required; and</li> <li>• pre-determined selection criteria that assesses all best and sustainable</li> </ul>

	<p>value considerations.</p> <p>The procurement decision is to be evidenced using an evaluation report retained in accordance with the Shire's Record Keeping Plan.</p>
<p>Over \$250,000 (<i>ex GST</i>)</p>	<p><b>Tender Exempt</b> arrangements (i.e. WALGA PSA, CUA or other tender exemption under <i>F&amp;G Reg.11(2)</i>) require at least three (3) written responses from suppliers by invitation under a formal Request for Quotation in accordance with the Supplier Order of priority detailed in clause 4.4.2(1).</p> <p><u>OR</u></p> <p><b>Public Tender</b> undertaken in accordance with the <i>Local Government Act 1995</i> and relevant Shire Policy and procedures.</p> <p>The Tender Exempt or Public Tender purchasing decision is to be based on the supplier's response to:</p> <ul style="list-style-type: none"> <li>• a detailed specification; and</li> <li>• pre-determined selection criteria that assesses all best and sustainable value considerations.</li> </ul> <p>The purchasing decision is to be evidenced using an evaluation report retained in accordance with the Shire's Record Keeping Plan.</p>
<p>Emergency Purchases (<i>Within Budget</i>) Refer to Clause 4.4.3</p>	<p>Where goods or services are required for an emergency response and are within scope of an established Panel of Pre-qualified Supplier or existing contract, the emergency supply must be obtained from the Panel or existing contract using relevant unallocated budgeted funds.</p> <p>If there is no existing Panel or contract, then clause 4.4.2(1) Supplier Order of Priority will apply wherever practicable.</p> <p>However, where due to the urgency of the situation; a contracted or tender exempt supplier is unable to provide the emergency supply <u>OR</u> compliance with this Purchasing Policy would cause unreasonable delay, the supply may be obtained from any supplier capable of providing the emergency supply. However, an emergency supply is only to be obtained to the extent necessary to facilitate the urgent emergency response and must be subject to due consideration of best value and sustainable practice.</p> <p>The rationale for policy non-compliance and the purchasing decision must be evidenced with a file note, signed by the relevant executive and Chief Executive Officer, and retained in accordance with the Shire's Record Keeping Plan.</p>
<p>Emergency Purchases (<i>No budget allocation available</i>) Refer to Clause 4.4.3</p>	<p>Where no relevant budget allocation is available for an emergency purchasing activity then, in accordance with s.6.8 of the <i>Local Government Act 1995</i>, the President must authorise, in writing, the necessary budget adjustment prior to the expense being incurred.</p> <p>The CEO is responsible for ensuring that an authorised emergency expenditure under s.6.8 is reported to the next ordinary Council Meeting.</p> <p>The Purchasing Practices prescribed for Emergency Purchases (within budget) above, then apply.</p>

<p>LGIS Services Section 9.58(6)(b) Local Government Act</p>	<p>The suite of LGIS insurances are established in accordance with s.9.58(6)(b) of the <i>Local Government Act 1995</i> and are provided as part of a mutual, where WALGA Member Local Governments are the owners of LGIS. Therefore, obtaining LGIS insurance services is available as a member-base service and is not defined as a purchasing activity subject to this Policy.</p> <p>Should Council resolve to seek quotations from alternative insurance suppliers, compliance with this Policy is required.</p>
<p>WALGA Services (excluding Preferred Supplier Program)</p>	<p>For the purchasing of WALGA services, only one written quotation is to be sought and recorded.</p>

#### 4.4.3 Emergency Purchases

Emergency purchases are defined as the supply of goods or services associated with:

- (a) A local emergency and the expenditure is required (within existing budget allocations) to respond to an imminent risk to public safety, or to protect or make safe property or infrastructure assets;

OR

- (b) A local emergency and the expenditure is required (with no relevant available budget allocation) to respond to an imminent risk to public safety, or to protect or make safe property or infrastructure assets in accordance with s.6.8 of the *Local Government Act 1995* and Functions and General Regulation 11(2)(a);

OR

- (c) A State of Emergency declared under the Emergency Management Act 2005 and therefore, Functions and General Regulations 11(2)(aa), (ja) and (3) apply to vary the application of this policy.

Time constraints, administrative omissions and errors do not qualify for definition as an emergency purchase. Instead, every effort must be made to research and anticipate purchasing requirements in advance and to allow sufficient time for planning and scoping proposed purchases and to then obtain quotes or tenders, as applicable.

#### 4.4.4 Inviting Tenders Though not Required to do so

The Shire may determine to invite Public Tenders, despite the estimated Purchase Value being less than the \$250,000 tender threshold prescribed in this policy, but only where an assessment determines that the purchasing requirement cannot be met through a tender exempt arrangement and the use of a public tender process will enhance; value for money, efficiency, risk mitigation and sustainable procurement benefits.

In such cases, the tender process must comply with the legislative requirements and the Shire’s tendering procedures [F&G Reg.13].

#### 4.4.5 Expressions of Interest

Expressions of Interest (EOI) will be considered as a prerequisite to a tender process [F&G



*Reg.21]* where the required supply evidences one or more of the following criteria:

- (a) Unable to sufficiently scope or specify the requirement;
- (b) There is significant variability for how the requirement may be met;
- (c) There is potential for suppliers to offer unique solutions and / or multiple options for how the purchasing requirement may be obtained, specified, created or delivered;
- (d) Subject to a creative element; or
- (e) Provides a procurement methodology that allows for the assessment of a significant number of potential tenderers leading to a shortlisting process based on non-price assessment.

All EOI processes will be based upon qualitative and other non-price information only.

#### **4.4.6 Unique Nature of Supply (Sole Supplier)**

An arrangement with a supplier based on the unique nature of the goods or services required or for any other reason, where it is unlikely that there is more than one potential supplier may only be approved where the:

- (a) purchasing value is estimated to be over \$5,000; and
- (b) purchasing requirement has been documented in a detailed specification; and
- (c) specification has been extensively market tested and only one potential supplier has been identified as being capable of meeting the specified purchase requirement; and
- (d) market testing process and outcomes of supplier assessments have been evidenced in records, inclusive of a rationale for why the supply is determined as unique and why quotations / tenders cannot be sourced through more than one potential supplier.

An arrangement of this nature will only be approved for a period not exceeding one (1) year. For any continuing purchasing requirement, the approval must be re-assessed before expiry, to evidence that only one potential supplier still genuinely exists.

#### **4.4.7 Anti-Avoidance**

The Shire will not conduct multiple purchasing activities with the intent (inadvertent or otherwise) of “splitting” the purchase value or the contract value, so that the effect is to avoid a particular purchasing threshold or the need to call a Public Tender. This includes the creation of two or more contracts or creating multiple purchase order transactions of a similar nature.

#### **4.4.8 Contract Renewals, Extensions and Variations**

Where a contract has been entered into as the result of a publicly invited tender process, then *Functions and General Regulation 21A* applies.

For any other contract, the contract must not be varied unless:

- (a) The variation is necessary in order for the goods or services to be supplied and does not change the scope of the contract; or
- (b) The variation is a renewal or extension of the term of the contract where the extension or renewal options were included in the original contract.

Upon expiry of the original contract, and after any options for renewal or extension included in the original contract have been exercised, the Shire is required to review the purchasing requirements and commence a new competitive purchasing process in accordance with this Policy.

## **4.5 Sustainable Procurement**

The Shire is committed to implementing sustainable procurement by providing a preference to suppliers that demonstrate sustainable business practices (social advancement, environmental protection and local economic benefits).

The Shire will apply Sustainable Procurement criteria as part of the value for money assessment to ensure that wherever possible our suppliers demonstrate outcomes which contribute to improved environmental, social and local economic outcomes.

Sustainable Procurement can be demonstrated as being internally focussed (i.e. operational environmental efficiencies or employment opportunities and benefits relating to special needs), or externally focussed (i.e. initiatives such as corporate philanthropy).

Requests for Quotation and Tenders will include a request for Suppliers to provide information regarding their sustainable practices and/or demonstrate that their product or service offers enhanced sustainable benefits.

### **4.5.1 Local Economic Benefit**

The Shire promotes economic development through the encouragement of competitive participation in the delivery of goods and services by local suppliers permanently located within its District first, and secondly, those permanently located within its broader region. As much as practicable, the Shire will:

- (a) consider buying practices, procedures and specifications that encourage the inclusion of local businesses and the employment of local residents;
- (b) consider indirect benefits that have flow on benefits for local suppliers (i.e. servicing and support);
- (c) ensure that procurement plans, and analysis is undertaken prior to developing Requests to understand local business capability and local content availability where components of goods or services may be sourced from within the District for inclusion in selection criteria;
- (d) explore the capability of local businesses to meet requirements and ensure that Requests for Quotation and Tenders are designed to accommodate the capabilities of local businesses;
- (e) avoid bias in the design and specifications for Requests for Quotation and Tenders – all Requests must be structured to encourage local businesses to bid;
- (f) consider the adoption of Key Performance Indicators (KPIs) within contractual documentation that require successful Contractors to increase the number of employees from the District first; and
- (g) provide adequate and consistent information to local suppliers.

To this extent, a weighted qualitative criterion will be included in the selection criteria for Requests for Quotation and Tenders where suppliers are located within the boundaries of the Shire, or substantially demonstrate a benefit or contribution to the local economy.

The Shire has adopted a Regional Price Preference Policy, which will be applied when undertaking all purchasing activities.

#### **4.5.2 Socially Sustainable Procurement**

The Shire will support the purchasing of requirements from socially sustainable suppliers such as Australian Disability Enterprises and Aboriginal businesses wherever a value for money assessment demonstrates benefit towards achieving the Shire's strategic and operational objectives.

A qualitative weighting will be used in the evaluation of Requests for Quotes and Tenders to provide advantages to socially sustainable suppliers in instances where the below tender exemptions are not exercised.

##### **(1) Aboriginal Businesses**

*Functions and General Regulation 11(2)(h)* provides a tender exemption if the goods or services are supplied by a person on the Aboriginal Business Directory WA published by the Chamber of Commerce and Industry of Western Australia, or Australian Indigenous Minority Supplier Office Limited (trading as Supply Nation), where the consideration under contract is \$250,000 or less, or worth \$250,000 or less.

The Shire will first consider undertaking a quotation process with other suppliers (which may include other registered Aboriginal Businesses as noted in *F&G Reg.11(2)(h)*) to determine overall value for money for the Shire.

Where the Shire makes a determination to contract directly with an Aboriginal Business for any amount up to and including \$250,000 (ex GST), it must be satisfied through alternative means that the offer truly represents value for money.

If the contract value exceeds \$50,000 (ex GST), a formal Request for Quotation will be issued to the relevant Aboriginal business. The rationale for making the purchasing decision must be recorded in accordance with the Shire's Record Keeping Plan.

##### **(2) Australian Disability Enterprises**

*Functions and General Regulation 11(2)(i)* provides a tender exemption if the goods or services are supplied by an Australian Disability Enterprise.

The Shire will first consider undertaking a quotation process with other suppliers (which may include other Australian Disability Enterprises) to determine overall value for money for the Shire.

Where the Shire makes a determination to contract directly with an Australian Disability Enterprise for any amount, including an amount over the Tender threshold of \$250,000 (ex GST), it must be satisfied through alternative means that the offer truly represents value for money.

If the contract value exceeds \$50,000 (ex GST), a formal Request for Quotation will be issued to the relevant disability business. The rationale for making the purchasing decision must be recorded in accordance with the Shire's Record Keeping Plan.

### **4.5.3 Environmentally Sustainable Procurement**

The Shire will support the purchasing of recycled and environmentally sustainable products whenever a value for money assessment demonstrates benefit toward achieving the Shire’s strategic and operational objectives.

Qualitative weighted selection criteria will be used in the evaluation of Requests for Quote and Tenders to provide advantages to suppliers which:

- (a) demonstrate policies and practices that have been implemented by the business as part of its operations;
- (b) generate less waste material by reviewing how supplies, materials and equipment are manufactured, purchased, packaged, delivered, used, and disposed; and
- (c) encourage waste prevention, recycling, market development and use of recycled/ recyclable materials.

## **4.6 Panels of Pre-qualified Suppliers**

### **4.6.1 Objectives**

The Shire will consider creating a Panel of Pre-qualified Suppliers (“Panel”) when a range of similar goods and services are required to be purchased on a continuing and regular basis.

Part of the consideration of establishing a panel includes:

- (a) there are numerous potential suppliers in the local and regional procurement related market sector(s) that satisfy the test of ‘value for money’;
- (b) the Panel will streamline and will improve procurement processes; and
- (c) the Shire has the capability to establish a Panel and manage the risks and achieve the benefits expected of the proposed Panel through a Contract Management Plan.

### **4.6.2 Establishing and Managing a Panel**

If the Shire decides that a Panel is to be created, it will establish the panel in accordance with the Regulations.

Panels will be established for one supply requirement, or a number of similar supply requirements under defined categories. This will be undertaken through an invitation procurement process advertised via a state-wide notice.

Panels may be established for a maximum of three (3) years. The length of time of a Local Panel is decided with the approval of the CEO/ Executive Manager.

Evaluation criteria will be determined and communicated in the application process by which applications will be assessed and accepted.

In each invitation to apply to become a pre-qualified supplier, the Shire will state the expected number of suppliers it intends to put on the panel.

If a Panel member leaves the Panel, the Shire will consider replacing that organisation with the next ranked supplier that meets/exceeds the requirements in the value for money assessment – subject to that supplier agreeing. The Shire will disclose this approach in the detailed information when establishing the Panel.

A Panel contract arrangement needs to be managed to ensure that the performance of the Panel Contract and the Panel members under the contract are monitored and managed. This will ensure that risks are managed and expected benefits are achieved. A Contract Management Plan should be established that outlines the requirements for the Panel Contract and how it will be managed.

#### **4.6.3 Distributing work Amongst Panel Members**

To satisfy Regulation 24AD(5) of the Regulations, when establishing a Panel of pre-qualified suppliers, the detailed information associated with each invitation to apply to join the Panel will prescribe one of the following as to whether the Shire intends to:

- (a) obtain quotations from each pre-qualified supplier on the Panel with respect to all discreet purchases; or
- (b) purchase goods and services exclusively from any pre-qualified supplier appointed to that Panel, and under what circumstances; or
- (c) develop a ranking system for selection to the Panel, with work awarded in accordance with the Regulations.

In considering the distribution of work among Panel members, the detailed information will also prescribe whether:

- (a) each Panel member will have the opportunity to bid for each item of work under the Panel, with pre-determined evaluation criteria forming part of the invitation to quote to assess the suitability of the supplier for particular items of work. Contracts under the pre-qualified panel will be awarded on the basis of value for money in every instance; or
- (b) work will be awarded on a ranked basis, which is to be stipulated in the detailed information set out under *Functions and General Regulation 24AD(5)(f)* when establishing the Panel.
  - i. The Shire will invite the highest ranked Panel member, who is to give written notice as to whether to accept the offer for the work to be undertaken.
  - ii. Should the offer be declined, an invitation to the next ranked Panel member is to be made and so forth until a Panel member accepts a Contract.
  - iii. Should the list of Panel members invited be exhausted with no Panel member accepting the offer to provide goods/services under the Panel, the Shire may then invite suppliers that are not pre-qualified under the Panel, in accordance with the Purchasing Thresholds stated in clause 4.3.2(2) of this Policy.
  - iv. When a ranking system is established, the Panel will not operate for a period exceeding 12 months.

In every instance, a contract must not be formed with a pre-qualified supplier for an item of work beyond 12 months, which includes options to extend the contract.

#### **4.6.4 Purchasing from the Panel**

The invitation to apply to be considered to join a panel of pre-qualified suppliers must state whether quotations are either to be invited to every Panel member (within each category, if applicable) of the Panel for each purchasing requirement, whether a ranking system is to be

established, or otherwise.

#### **4.6.5 Communications with Panel Members**

The Shire will ensure clear, consistent, and regular communication with Panel Members. Each quotation process, including the invitation to quote, communications with Panel members, quotations received, evaluation of quotes and notification of award communications must all be made through eQuotes (or other nominated electronic quotation facility).

#### **4.7 Record Keeping**

All Local Government purchasing activity, communications and transactions must be evidenced and retained as local government records in accordance with the *State Records Act 2000* and the Shire's Record Keeping Plan.

In addition, the Shire must consider and will include in each contract for the provision of works or services, the contractor's obligations for creating, maintaining and where necessary the transferal of records to the Shire relevant to the performance of the contract.

#### **4.8 Purchasing Policy Non-Compliance**

The Purchasing Policy is mandated under the *Local Government Act 1995* and Regulation 11A of the *Local Government (Functions and General) Regulations 1996* and therefore the policy forms part of the legislative framework in which the Local Government is required to conduct business.

Where legislative or policy compliance is not reasonably able to be achieved, records must evidence the rationale and decision-making processes that substantiate the non-compliance.

Purchasing activities are subject to internal and external financial and performance audits, which examine compliance with legislative requirements and the Shire's policies and procedures.

If non-compliance with; legislation, this Purchasing Policy or the Code of Conduct, is identified it must be reported to the Chief Executive officer and the Executive Manager Corporate Services.

A failure to comply with legislation or policy requirements, including compliance with the Code of Conduct when undertaking purchasing activities, may be subject to investigation, with findings to be considered in context of the responsible person's training, experience, seniority and reasonable expectations for performance of their role.

Where a breach is substantiated it may be treated as:

- (a) an opportunity for additional training to be provided;
- (b) a disciplinary matter, which may or may not be subject to reporting requirements under the *Public Sector Management Act 1994*; or
- (c) where the breach is also identified as potentially serious misconduct, the matter will be reported in accordance with the *Corruption, Crime and Misconduct Act 2003*.

## 5. KEY POLICY DEFINITIONS

N/A

## 6. ROLES AND RESPONSIBILITIES

The Chief Executive Officer, along with the Executive Managers are responsible for the implementation and overview of this policy. All staff completing purchasing tasks for the organisation will adhere to this policy.


## 7. MONITOR AND REVIEW

This policy will be reviewed by Council annually.

Document Control Box					
Document Responsibilities:					
Owner:	CEO	Decision Maker:	Council		
Reviewer:	Governance Officer				
Compliance Requirements					
Legislation	<a href="#">Local Government Act 1995</a> <a href="#">Local Government (Functions and General) Regulations 1996</a>				
Document Management					
Risk Rating	Moderate/ High	Review Frequency	Annually	Next Due	May 2024
Version #	Action	Date	Records Reference		
1.	Adopted	20 March 2007	CMRef 28853		
2.	Reviewed	21 May 2010	CMRef 30328		
3.	Reviewed	21 September 2010	CMRef 30429		
4.	Reviewed	19 June 2012	CMRef 30895		
5.	Reviewed	19 February 2013	CMRef 31058		
6.	Reviewed	15 April 2014	CMRef 81348		
5.	Reviewed	17 May 2016	CMRef 81785		
6.	Reviewed	20 December 2016	CMRef 81894		
7.	Reviewed	21 June 2017	CMRef 81987		
8.	Reviewed	18 July 2017	CMRef 81999		
9.	Reviewed	16 October 2018	CMRef 82268		
10.	Reviewed	22 January 2019	CMRef 82305		
11.	Reviewed	19 February 2019	CMRef 82308		
12.	Reviewed	2 April 2020	CMRef 82529		
13.	Reviewed	15 September 2020	CMRef 82609		
14.	Reviewed	23 May 2023	CMRef ?????		

## 15. Officer's Reports – Administration

### 15.1 Status Report – January 2024

<h1>Administration</h1>		 <b>SHIRE OF MERREDIN</b> INNOVATING THE WHEATBELT
Responsible Officer:	Lisa Clack, CEO	
Author:	Meg Wyatt, EA	
Legislation:	<i>Local Government Act 1995</i>	
File Reference:	Nil	
Disclosure of Interest:	Nil	
Attachments:	Attachment 15.1A – Status Report – January 2024	

#### Purpose of Report



Executive Decision



Legislative Requirement

For Council to consider the updated Status Report for January 2024.

#### Background

The Status Report is a register of Council Resolutions that are allocated to the Shire of Merredin's (the Shire) Executive Staff for actioning. When the Executive Staff have progressed or completed any action in relation to the Council Resolution, comments are provided until the process is completed or superseded by a further Council Resolution.

#### Comment

In the interest of increased transparency and communication with the community and Council, the Status Report is provided for information.

#### Policy Implications

Nil

#### Statutory Implications

Nil

#### Strategic Implications



∅ Strategic Community Plan

Theme: 4. Communication and Leadership  
Service Area Objective: 4.4 Communications  
4.4.1 The Shire is continuously working to maintain efficient communication, providing open, transparent and factual information, through a variety of channels  
Priorities and Strategies for Change: Nil

**Sustainability Implications**

∅ Strategic Resource Plan

Nil

**Risk Implications**

Nil

**Financial Implications**

Nil

**Voting Requirements**



Simple Majority



Absolute Majority

**Resolution**

**Moved:** Cr McKenzie **Seconded:** Cr Anderson

**83319** That Council RECEIVES the Status Report on Council Resolutions for January 2024.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

## Status Report as at January 2024

Date / CMRef / Officer	Subject	Status
21/11/2017 CMRef: 82079 EMCS	That application be made to the Minister for Local Government to have the land being Lot 71 Main Street, Burracoppin re-vested in the Crown in accordance with Sections 6.64 and 6.74 of the Local Government Act 1995.	<p><b>IN PROGRESS</b></p> <p>February 2023: EMCS has rung and emailed Minister Carey's office requesting information on the progress of the land re-vesting.</p> <p>July 2023: Minister Carey's office emailed to say that the query fell more appropriately within the portfolio responsibility of the Minister for Local Government and so had been forwarded on.</p> <p>September 2023: Minister Michael's office emailed outlining next steps required to be taken.</p> <p>January 2024: No further updates at this time.</p>
20/08/2019 CMRef: 82410 EMDS	<p>That Council:</p> <p>1. Consents to the creation of a Water Corporation easement over portion of Lot 100 Colin Street (Part of Avon Location 2227) as shown in attachment 12.36A, for the purposes of installation, access to and maintenance of the proposed chlorination unit which will form part of the Shire of Merredin Recycled Water Scheme , subject to;a. All costs associated with the preparation and lodgement of relevant easement documentation being borne solely by the Water Corporation;b. All costs associated with the installation, operation and maintenance of the future chlorination unit being borne solely by the Water Corporation;. All costs associated with any improvements to the land subject to the easement relating to vehicular access to the chlorination unit being borne solely by the Water Corporation.2. Authorises the Shire President and Chief Executive Officer to affix the Common Seal of the Council and sign the Deed of Easement documentation on behalf of the Shire of Merredin Council.</p>	<p><b>IN PROGRESS</b></p> <p>Awaiting preparation of documentation by the Water Corporation for signing by the Shire President and CEO.</p> <p>The Shire has been advised the project is delayed and outside the 5-year construction window however Water Corp are continuing to conduct investigation works.</p> <p>January 2023: No further updates anticipated until end 2023.</p>
19/12/2019 CMRef: 82485	That Council commits to CEACA's progression of the VERSO report to review; I. Community Care Packages;	<b>IN PROGRESS</b>

<p>CEO</p>	<p>II. Transport; and          III. Residential Aged Care          And;          That Council requests that CEACA committee requests that the VERSO plan be updated now that the units are in situ.          Reason for Officers Recommendation:          The reason for the change in wording of the Officer Recommendation is that council are not subjecting VERSO to update the report. Should the CEACA committee agree, any suitably qualified person/s could carry out the update of the report.</p>	<p>December 2022:          Updates as per CEACA minutes circulated to Council.</p> <p>June 2023:          Report not yet updated, however CEACA have proposed action on Item III Residential Aged Care. This is subject to a separate report in the June agenda.</p> <p>July 2023:          CEACA have engaged a consultant to do a needs analysis and grant application.</p> <p>January 2024:          No further updates at this time.</p>
<p>21/07/2020          CMRef: 82578          EMES</p>	<p>That, within the next twelve months, the Merredin Shire Council should purchase for the Shire fleet a battery-electric (BEV or EV) passenger vehicle. This vehicle should not be additional to the vehicle fleet but should replace one passenger vehicle sold after the usual retention period of 12 months.</p>	<p><b>IN-PROGRESS</b></p> <p>June 2023:          Currently the Administration has been unable to identify a vehicle within the fleet to be replaced as an EV due to operational requirements. The Administration is working with Synergy and seeking other grant opportunities to have EV chargers in town in strategic locations, which once completed may make purchasing an EV a more viable option.</p> <p>July 2023:          The Shire has applied for an EV charger grant to support day-time charging at the Shire Office, which will support the logistics, and potential future purchase of this vehicle.</p> <p>September 2023:          Officers are including consideration for EV's in current procurement processes, and updates will be provided to Council as this progresses.</p>

		<p>October 2023: Quote received, and currently being analysed.</p> <p>January 2024: No further updates at this time.</p>
<p>15/09/2020 CMRef: 82605 EMCS</p>	<p>1. That, pursuant to Section 6.64(1)(b) of the Local Government Act 1995, Council proceed to sell the property listed hereunder which has rates in arrears for 3 or more years, and recover from the proceeds of sale the outstanding balance which totals \$13,619.31: Assessment A6511 Type/Zoning Residential Period Outstanding 11/8/2014 to Current Amount Outstanding \$13,619.31 Last Payment 3/9/2015</p> <p>2. That, pursuant to Section 6.64(1)(b) of the Local Government Act 1995, Council proceed to sell the property listed hereunder which has rates in arrears for 3 or more years, and recover from the proceeds of sale the outstanding balance which totals \$10,023.49: Assessment A6070 Type/Zoning General Farming/Urban Residential Period Outstanding 25/7/2016 to Current Amount Outstanding \$10,023.49 Last Payment 27/9/2015</p> <p>3. That, pursuant to Section 6.64(1)(b) of the Local Government Act 1995, Council proceed to sell the property listed hereunder which has rates in arrears for 3 or more years, and recover from the proceeds of sale the outstanding balance which totals \$13,464.10: Assessment A9370 Type/Zoning Vacant Residential Period Outstanding 11/8/2014 to Current Amount Outstanding \$13,464.10 Last Payment 7/11/2013</p> <p>4. That, pursuant to Section 6.64(1)(b) of the Local Government Act 1995, Council proceed to sell the property listed hereunder which has rates in arrears for 3 or more years, and recover from the proceeds of sale the outstanding balance which totals \$6,369.85: Assessment: A3325 Type/Zoning: Residential Period Outstanding: 27/7/2017 to Current Amount Outstanding: \$6,369.85 Last Payment: 13/4/2018</p>	<p><b>IN-PROGRESS</b></p> <p>April 2023: Land transfer documents completed and lodged for A9370 and A624. A445 settlement delayed further, expected late May early June.</p> <p>October 2023: No further update at this time.</p> <p>December 2023: Settlement has occurred for A445. A9370 &amp; A624 are still in progress.</p> <p>January 2024: A9370 has been returned to the Shire.</p>

	<p>5. That, pursuant to Section 6.64(1)(b) of the Local Government Act 1995, Council proceed to sell the property listed hereunder which has rates in arrears for 3 or more years, and recover from the proceeds of sale the outstanding balance which totals \$11,008.81:  Assessment: A1625  Type/Zoning: Vacant Residential  Period Outstanding: 29/4/2015 to Current  Amount Outstanding: \$11,008.81  Last Payment: 21/11/2014</p> <p>6. That, pursuant to Section 6.64(1)(b) of the Local Government Act 1995, Council proceed to sell the property listed hereunder which has rates in arrears for 3 or more years, and recover from the proceeds of sale the outstanding balance which totals \$8,409.91:  Assessment: A445  Type/Zoning: Residential  Period Outstanding: 25/7/2016 to Current  Amount Outstanding: \$8,409.91  Last Payment: 1/4/2019</p> <p>7. That, pursuant to Section 6.64(1)(b) of the Local Government Act 1995, Council proceed to sell the property listed hereunder which has rates in arrears for 3 or more years, and recover from the proceeds of sale the outstanding balance which totals \$17,957.31:  Assessment A624  Type/Zoning Vacant Residential  Period Outstanding 27/7/2011 to Current  Amount Outstanding \$17,957.31  Last Payment 22/12/2017</p>	
<p>16/03/2021  CMRef: 82698  CEO</p>	<p>That Council instruct the Chief Executive Officer to;</p> <ol style="list-style-type: none"> <li>1. Obtain a valuation from a suitably qualified registered valuer for Lot 1498 Caridi Close, Merredin;</li> <li>2. Engage local real estate agents to determine the availability and value of suitable executive housing within the Merredin townsite.</li> <li>3. Report to Council preliminary estimates for the construction of a 4 bedroom, 2 bathroom executive home on an appropriate lot within the Merredin townsite;</li> <li>4. Invite local real estate agents to submit quotations for the sale of six existing houses constructed earlier than the year 2000. The quotations are to include details of the agent's proposed marketing strategy to obtain maximum value. The addresses of the properties to remain confidential in the interim. (Note: this does not include the house currently utilised for housing "travelling players" which should be the subject of a separate report);</li> </ol>	<p><b>NOT COMMENCED</b></p> <p>Briefing provided to Council that all staff housing currently required and recommend this item is delayed, with further work completed in the 2022/23 year.</p> <p>July 2023:  As housing is allocated to positions under recruitment / required – it is not recommended this item progress in the next six months due to</p>

	<p>5. Report further on the optimum number of houses that should be held in the portfolio including how many (if any) of the houses for sale should be replaced and the process for doing so; and</p> <p>6. Examine, as part of the asset management planning for the portfolio, the replacement program for the newer houses currently held and not included in the above recommendations.</p> <p>7. Review Policy 2.10 Council Staff Housing and report to Council.</p>	<p>operational constraints and business requirements for the existing stock.</p> <p>January 2024: No further updates at this time.</p>
<p>16/03/2021 CMRef: 82699 CEO</p>	<p>That Council;</p> <p>1. Notes the preparation and submission by Njaki Njaki Aboriginal Cultural Tours of the Hunts Dam Nature Based Campground Feasibility – Business Case – June 2019 demonstrating the potential viability of the proposal;</p> <p>2. Notes that the proposal represents strong alignment with the Strategic priorities and strategies for change of the Council set out in the newly adopted Strategic Community Plan;</p> <p>3. Confirms that the Business Case and Feasibility Study as submitted is satisfactory to meet the terms of the Council’s resolution 82038 of November 2017;</p> <p>4. Confirms that Council supports the relinquishment of the Management Order for Reserve 29700 to enable a performance based lease to be agreed between the State and Njaki Njaki Aboriginal Cultural Tours for the conduct of its tourism venture; and</p> <p>5. Proposes to the State Government that the lease include provisions for substantial progress on the implementation of the development within a five year period from execution of the lease.</p>	<p><b>IN PROGRESS</b></p> <p>Enquiries made with DPLH.</p> <p>July 2023: No updated information provided from DPLH</p> <p>January 2024: No further updates at this time.</p>
<p>6/07/2021 CMRef: 82754 MP/EMES</p>	<p>"That Council resolve to;</p> <p>1. Endorse the draft concept plan for Apex Park for the purpose of community engagement.</p> <p>2. Direct the CEO to procure the necessary professional services required to progress the plan from concept to detailed design, incorporating the feedback received during the engagement period; and</p> <p>3. Direct the CEO to return the results of the community engagement to Council prior to a July Briefing Session, then present a 50% design to a Council Briefing that encompasses any amendments required as well as a final detailed design and full costing for the Apex Park redevelopment for final endorsement."</p>	<p><b>COMPLETED</b></p> <p>January 2024: Final detailed design endorsed by Council during September Ordinary Council Meeting 2023.</p>
<p>14/09/2021 CMRef: 82796 MP/EMES</p>	<p>"That Council;</p> <p>1. Receives the submissions made by members of the public on the Public Piazza Pilot Project; Town Centre Concept Plan; and the Apex Park Redevelopment; and</p> <p>2. Note that the Chief Executive Officer will continue to progress the detailed designs for the Town Centre Stage One plan with consideration of the following design elements:</p> <ol style="list-style-type: none"> <li>a. Inclusion of more rubbish bins;</li> <li>b. RV/Caravan parking; and</li> <li>c. Safety for children/young families and seniors.</li> </ol>	<p><b>COMPLETED</b></p> <p>January 2024: Final detailed design endorsed by Council during September Ordinary Council Meeting 2023.</p>

	<p>3. Note that the Chief Executive Officer will continue to progress the detailed designs for the Apex Park Redevelopment with consideration of the following design elements:</p> <ol style="list-style-type: none"> <li>Retention of park fencing;</li> <li>Skate Park facilities (including targeted consultation);</li> <li>RV/Caravan parking;</li> <li>Themed garden;</li> <li>Concrete track for scooters;</li> <li>Benches for parents including in the skate park area;</li> <li>Merredin Information boards; and</li> <li>Soccer kick wall."</li> </ol>	
<p>23/11/2021 CMRef: 82832 MP/EMES</p>	<p>That Council;</p> <ol style="list-style-type: none"> <li>Resolve to adjust the project funding and 2021-22 annual budget to reallocate the Local Roads and Community Infrastructure Program (Phase 2) Stage 2a (Apex Park) to Stage 1 (Pioneer Park and Town Square) and make the following adjustments accordingly: <ol style="list-style-type: none"> <li>Reduce PC001 by \$470,500</li> <li>Increase PC003 by \$470,500;</li> </ol> </li> <li>Note that the intent of this motion will replace Council's resolution to allocate the Local Roads and Community Infrastructure fund (Round 2) to Stage 2a (Apex Park), dated 18 May 2021, as this has since been implemented and that the Department of Infrastructure, Transport, Regional Development and Communications will need to be contacted to confirm that the funds are to be reallocated to Stage 1 (Pioneer Park and Town Square);</li> <li>Authorise the CEO to appoint a suitably qualified Project Manager to oversee the delivery of the CBD revitalisation projects namely Stage 1 (Pioneer Park and Town Square) and Stage 2a (Apex Park);</li> <li>Note that the additional \$194,000 shortfall required to fund the Stage 1 (Pioneer Park and Town Square) designs and the appointment of a Project Manager will be outlined within the mid-year budget review;</li> <li>Note the CEO will continue progressing Stage 2a (Apex Park) detailed designs and full costing for Council endorsement, in line with Council's resolution dated 6 July 2021; and</li> <li>Authorises the CEO to continue actively seeking additional funding for Stage 2a (Apex Park) as detailed designs are developed.</li> </ol>	<p><b>COMPLETED</b></p> <p>January 2024: Final detailed design endorsed by Council during September Ordinary Council Meeting 2023. Additional funding secured to allow delivery of the project.</p>
<p>28/06/2022 CMRef: 82951 EMS&amp;C</p>	<p>That Council;</p> <ol style="list-style-type: none"> <li>ENDORSE the CEO or their delegate to enter into a partnership agreement with the Merredin Blue Light Unit for the provision of Blue Light events in Merredin.</li> <li>NOTES The partnership in (1) above, will be to waive the fees associated with the free use of Shire facilities and non-staff resources, when the Merredin Blue Light Unit are providing agreed youth programs in Merredin within their available resources and capacity.</li> </ol>	<p><b>IN PROGRESS</b></p> <p>The Administration has sent the agreement to PCYC for signing.</p> <p>June 2023:</p>

	<p>3. NOTES this partnership supports a maximum of 4 events per year or 5 events per year in the years where a large fundraising event is hosted; and</p> <p>4. AUTHORISES the CEO to determine the terms of the partnership in (1) above, including the length of the partnership, the Shire resources to be allocated, and how the Shire will be recognised through the partnership with the Merredin Blue Light Unit.</p>	<p>The Administration has followed up with PCYC during April, and aims to have the agreement signed ASAP.</p> <p>January 2024: No further updates at this time.</p>
<p>26/07/2022 CMRef: 89268 EMCS</p>	<p>That Council;</p> <p>1. REQUEST that the Department of Communities purchase the Shire of Merredin's interest (both land and assets) in the Cummings Street Joint Venture project at current market value; and</p> <p>2. ALLOCATE a total of \$2500 in the 2022-23 draft budget towards associated valuation and conveyance costs.</p>	<p><b>IN PROGRESS</b></p> <p>January 2024: Sale contracts were received at the end of December. EMCS has sent queries through to the Department regarding some terms and is awaiting response.</p>
<p>28/02/2023 CMRef: 83101 EMES</p>	<p>That Council</p> <p>1. AUTHORISE the removal of one date palm located at Lot 1503 (45) Barrack Street, as identified within Attachment 13.1B – Location Map; and</p> <p>2. NOTES photographic documentation of the date palm will occur prior to removal in line with the recommendation of the Shire of Merredin Municipal Heritage Inventory.</p>	<p><b>IN PROGRESS</b></p> <p>March 2023: The removal of the date palm will be completed in conjunction with the construction works for Merredin Town Centre.</p> <p>January 2024: No further updates at this time.</p>
<p>28/03/2023 CMRef: 83129 EMES/MP</p>	<p>That Council;</p> <p>1. APPROVE the Chief Executive Officer to accept variation requests VO01, VO03 and VO05 to contract RFT 01 2021/22 Detailed Design Services between the Shire of Merredin and Place Laboratory;</p> <p>2. NOTE the acceptance of the above variation requests will increase the total contract value between the Shire of Merredin and Place Laboratory for RFT 01 2021/22 Detailed Design Services for Apex Park and Merredin Town Centre to the Proposed Amended Contract Value outlined within the report;</p> <p>3. AUTHORISE the Chief Executive Officer, if necessary, to accept any further variations which do not result in the total contract value between the Shire of Merredin and Place Laboratory exceeding the Proposed Maximum Contract Value for RFT 01 2021/22 Detailed Design Services for Apex Park and Merredin Town Centre as outlined within this report; and</p> <p>4. NOTES that the maximum contract value outlined within Item 3, is within current budget provisions.</p>	<p><b>IN PROGRESS</b></p> <p>April 2023: Variation request VO05 has been formalised and is awaiting formal acceptance.</p> <p>August 2023: Variation request VO05 was formally accepted in July 2023.</p> <p>September 2023: An additional minor variation request (VO06) associated with the installation of the Synergy EV Charging Station has been formally accepted.</p>



		January 2024: No further updates at this time.
27/06/2023 CMRef: 83186 CEO	That Council: 1. APPROVES the creation of a new Council Award for Outstanding Volunteer Service and Contribution to Community; 2. ENDORSES the name of the award category to be the 'Mr Edward Johnston Award'; 3. NOTES nominations for this award may be submitted by Council Members and Executive Staff only; and 4. RECOMMENDS the Mr Edward Johnston Award be presented alongside the Auspire Community Citizen of the Year Awards on the 26 January each year.	<b>IN PROGRESS</b>  December 2023: Guidelines have been developed and the award will be presented alongside the Auspire Community Citizen of the Year Awards on 26 January 2024.  January 2024: No further updates at this time.
18/07/2023 CMRef: 83198 EMES/MP	That Council; 1. SUPPORT in principle the creation of an easement over portion of Lot 1503 (45) Barrack Street, Merredin, as per Attachment 13.1A – Easement Plan, to enable the installation of a 315kVA district transformer, that will feed the proposed Synergy EV Charging Station and the Town Centre; 2. AUTHORISES the Chief Executive Officer to provide consent, and negotiate with the Department of Planning, Land and Heritage and Synergy as required, for the creation of an easement over portion of Lot 1503 (45) Barrack Street, Merredin, as per Attachment 13.1A – Easement Plan, subject to the agreement of all parties; and 3. NOTES that a Deed of Easement documentation will need to be finalised between the relevant parties once an agreement is reached.	<b>IN PROGRESS</b>  August 2023: A Letter of Consent has been provided to Synergy supporting the creation of the proposed easement. Synergy will apply to the Department of Planning, Lands and Heritage to create the easement.  September 2023 Synergy applied for the easement and start the working on installing 315kVA district transformer.  January 2024: No further updates at this time.
22/08/2023 CMRef: 83219 CEO	That Council; 1. NOTES the closure of the Shire Administration Office from 1pm Friday, 22 December 2023 to the morning of Tuesday, 2 January 2024, with closures at other facilities to be determined closer to the period; and 2. NOTES information relating closures will be advertised to community in December, including hours of operation and emergency contact information.	<b>COMPLETED</b>
22/08/2023 CMRef: 83221 CEO	That Council ENDORSES the proposed changes to the CEACA Constitution, as per Attachment 16.4A.	<b>IN PROGRESS</b>  September 2023:

		<p>CEACA Meeting held 4th September 2023 prior to adopting the changes to the constitution as per the submitted changes, advice is being sought on the charitable status of the organisation should RCHP status be granted. Therefore the changes have not yet been finalised.</p> <p>January 2024: No further updates at this time.</p>
<p>19/09/2023 CMRef: 83237 CEO</p>	<p>That Council;</p> <p>1. ADVISE the Department of Mines, Industry Regulation and Safety – Consumer Protection that the Shire of Merredin will not be varying its previously approved standard retail trading hours for the 2023/24 Christmas/New Year period; and</p> <p>2. NOTES the Shire of Merredin will consult with retailers in the current year to confirm current general trading hours remain suitable for the locality.</p>	<p><b>IN PROGRESS</b></p>
<p>19/09/2023 CMRef: 83238 CEO</p>	<p>That Council NOTE that the Council Bi-Annual Dinner Function, pursuant to Policy 1.13 will be held in the Tivoli Room at the Cummins Theatre on Tuesday, 28 November 2023.</p>	<p><b>IN PROGRESS</b></p> <p>December 2023: Council will need to discuss a new date for this due to clashes and limited time in the remaining year. It will need to be moved to 2024.</p> <p>January 2024: No further updates at this time.</p>
<p>19/09/2023 CMRef: 83241 MP/EMES</p>	<p>That Council;</p> <p>1. ENDORSES the final detailed design and full costing for Apex Park and Merredin Town Centre as presented in Attachment 19.2A - Apex Park &amp; Merredin Town Centre Design Package; and</p> <p>2. NOTES the Request for Tender (RFT) documentation for the revitalisation of Apex Park and Merredin Town Centre will be released in line with the designs presented at Attachment 19.2A – Apex Park &amp; Merredin Town Centre Design Package.</p>	<p><b>COMPLETED</b></p> <p>January 2024: Request for Tender documentation released in line with endorsed designs in September 2023.</p>
<p>17/10/2023 CMRef: 83250 EMES/MP</p>	<p>That Council;</p> <p>1. AUTHORISE the execution of Local Roads and Community Infrastructure Program Grant Agreement – Phase 4 between the Federal Government represented by the</p>	<p><b>COMPLETED</b></p> <p>January 2024: Proposed project nominations described within Item 19.1 which was endorsed by</p>

	<p>Department of Infrastructure, Transport, Regional Development, Communications and the Arts and the Shire of Merredin; and</p> <p>2. NOTES the project(s) to be nominated for funding as part of the Local Roads and Community Infrastructure Program Grant Agreement – Phase 4b will be presented to Council for endorsement, and any required budget amendments prior to being submitted to the Federal Government for approval.</p>	<p>Council during the December 2023 Ordinary Council Meeting.</p>															
<p>17/10/2023 CMRef: 83251 EMES/MP</p>	<p>That Council;</p> <p>1. SUPPORT in principle the installation of an Electric Vehicle Charging Station to be located at Lot 1503 (45) Barrack Street, Merredin, as per Attachment 11.2A; and</p> <p>2. AUTHORISE the Chief Executive Officer to sign the Letter of Intent on behalf of the Shire of Merredin to provide in principle support for the installation of an Electric Vehicle Charging Station to be located at Lot 1503 (45) Barrack Street, Merredin, as per Attachment 11.2A.</p>	<p><b>IN PROGRESS</b></p> <p>December 2023: Installation of an Electric Vehicle Charging Station completed.</p> <p>January 2024: No further updates</p>															
<p>17/10/2023 CMRef: 83259 EMES</p>	<p>That Council;</p> <p>1. RECEIVES the Recommendation Report included as Attachment 16.1A – Confidential Recommendation Report RFQ 03 2023-24 Merredin – Naremben Rd Culvert Extension SLK 9.18;</p> <p>2. Subject to funding confirmation from Wheatbelt Secondary Freight Network:</p> <p>a. APPROVES the recommendations as contained within Section 7 of the Confidential Report included as Attachment 16.1A – Confidential Recommendation Report RFQ 03 2023-24 Merredin – Naremben Rd Culvert Extension SLK 9.18;</p> <p>b. ACCEPT the unbudgeted additional income of \$47,974, ex GST from Wheatbelt Secondary Freight Network;</p> <p>c. APPROVES the amendment to the 2023/24 Annual Budget as per the below table:</p> <table border="1"> <thead> <tr> <th>Account</th> <th>Description</th> <th>Current Budget</th> <th>Amendment</th> <th>Revised Budget</th> </tr> </thead> <tbody> <tr> <td>RC239</td> <td>Merredin-Naremben Road (Capital)</td> <td>\$3,975,600</td> <td>+\$47,974</td> <td>\$4,023,574</td> </tr> <tr> <td>3120118</td> <td>ROADC – Wheatbelt Secondary Freight Network (WSFN)</td> <td>\$3,443,700</td> <td>+\$47,974</td> <td>\$3,491,674</td> </tr> </tbody> </table> <p>d. AUTHORISE the Shire President and Chief Executive Officer to sign and apply the Shire of Merredin Common Seal to the Contract between the Shire of Merredin and Ringa Civil for RFQ 03 2023-24 Merredin – Naremben Rd Culvert Extension SLK 9.18 up to a total value of \$281,500 ex GST; and</p>	Account	Description	Current Budget	Amendment	Revised Budget	RC239	Merredin-Naremben Road (Capital)	\$3,975,600	+\$47,974	\$4,023,574	3120118	ROADC – Wheatbelt Secondary Freight Network (WSFN)	\$3,443,700	+\$47,974	\$3,491,674	<p><b>IN PROGRESS</b></p> <p>January 2024: Work is planned to start in January 2024.</p>
Account	Description	Current Budget	Amendment	Revised Budget													
RC239	Merredin-Naremben Road (Capital)	\$3,975,600	+\$47,974	\$4,023,574													
3120118	ROADC – Wheatbelt Secondary Freight Network (WSFN)	\$3,443,700	+\$47,974	\$3,491,674													

	e. AUTHORISES Item 2d above, SUBJECT TO confirmation from WSFN of a new total project budget of \$300,000 consisting of \$280,000 WSFN contribution and \$20,000 municipal contribution.	
24/10/2023 CMRef: 83273 CEO	That Council 1. NOTES the Shire of Merredin will submit a nomination for consideration by the Minister for Regional Development as a Board Member (Local Government) of the Wheatbelt Development Commission; and 2. AUTHORISES the Shire President to endorse the application of Councillor Crook.	<b>COMPLETED</b>
11/12/2023 CMRef: 83286 CEO	That Council; 1. CONFIRMS the recruitment of the permanent Chief Executive Officer will be conducted in accordance with the process set out in Policy 2.31 Mandatory Standards for CEO Recruitment Performance and Termination. 2. APPOINTS Beilby Downing Teal as the recruitment consultants to assist the Council in the recruitment process. 3. ESTABLISH the Selection Panel for the recruitment of the Chief Executive Officer comprising of the Shire President, the Deputy Shire President, and Cr Crook. 4. AUTHORISES the panel to work directly with Beilby Downing Teal to identify and recruit the independent panel member and recommend the appointment to Council. 5. AUTHORISES the Chief Executive Officer to liaise with the recruitment consultant (once appointed) to support the panel to coordinate the recruitment process in an appropriate confidential manner. 6. ENDORSES the release of the media statement attached as Attachment 19.4C, on behalf of Council.	<b>IN PROGRESS</b>
11/12/2023 CMRef: 83289 EMCS	That Council ENDORSE the following recommendations from the Audit Committee Meeting of 15 November 2023 being; 1. Item 6.1: That Council ENDORSE the Auditor's Opinion Package, including Audited Financial Report for the year ending 30 June 2023, Audit Opinion, Transmittal Letter to CEO, and Management Response – Shire of Merredin from the Office of the Auditor General for the 2022/23 financial year, once received, subject to there being no significant changes made from the draft documents presented to the Audit Committee; and 2. Item 6.2 That Council: a. NOTES that the Financial Report 2017/18 included in the publicised Shire of Merredin Annual Report 2017/18 was not the audited version of the annual financials; and	<b>COMPLETED</b>  January 2024: No changes were made to the received draft.

	<p>b. NOTES this resulted in a reporting difference in depreciated total roads value of \$252,796,614.26 in the 2017/18 Annual Report. The correct figures were published in the 2018/19 Annual Report, and have been used since.</p>	
<p>11/12/2023 CMRef: 83290 EMCS</p>	<p>That Council ENDORSE the following recommendations from the Audit Committee Meeting of 11 December 2023 being;</p> <ol style="list-style-type: none"> <li>1. Item 6.1: That Council ENDORSE the 2022/23 Financial Management Review Report for the Shire of Merredin, as presented in Attachment 6.1A; and</li> <li>2. Item 6.2: That Council: <ol style="list-style-type: none"> <li>a. ADOPTS the Shire of Merredin Annual Report 2022/23 (Attachment 6.2A), subject to design amendments, and AUTHORISES the Chief Executive Officer to approve any minor changes that may be required before the document is finalised for publishing; and</li> <li>b. RESOLVES to hold its Annual General Meeting of Electors on Tuesday 23 January 2024, commencing at 6.00pm in the Council Chambers.</li> </ol> </li> </ol>	<p><b>COMPLETED</b></p> <p>January 2024: Annual Report advertised via public notice (website, social media, notice board and newsletter) in December. Annual Electors meeting also advertised as per the above.</p>
<p>11/12/2023 CMRef: 83291 EMDS</p>	<p>That Council:</p> <ol style="list-style-type: none"> <li>1. GIVES local public notice stating that the Shire of Merredin proposes to review its local laws under s3.16 of the Local Government Act 1995;</li> <li>2. NOTES that a copy of the local laws may be inspected or obtained at the Shire of Merredin offices or from its website;</li> <li>3. ADVISES that submissions about the local laws may be made to the Shire before a day to be specified in the notice, being a day that is not less than 6 weeks after the notice is given; and</li> <li>4. NOTES that the results of the above advertising are to be presented to Council for consideration of any submissions received.</li> </ol>	<p><b>IN PROGRESS</b></p> <p>January 2024: Awaiting advice on availability of Phoenix editions in the 2024 new year to allow for advertising of the local law review.</p>
<p>11/12/2023 CMRef: 83292 EMDS</p>	<p>That Council:</p> <ol style="list-style-type: none"> <li>1. GRANT development (planning) approval for an extractive industry operation at Lot 18 Korbrelkulling Road, (Korbel) Merredin, as per plans forming part of Attachment 12.2A, subject to; <ol style="list-style-type: none"> <li>a. planning consent being valid for a period of five (5) years from the date of approval;</li> <li>b. extractive industry license being valid for a period of one (1) year from the date of approval;</li> <li>c. an annual extractive industry license fee of \$300 inc GST to be paid;</li> <li>d. hours of operation of extractive industry operations are restricted to 7:00am to 6:00pm Monday to Friday and 8:00am to 5:00pm Saturday and Sunday and not at all on Public Holidays;</li> </ol> </li> </ol>	<p><b>COMPLETED</b></p> <p>January 2024: Development approval has now been issued by the Shire of Merredin.</p>

	<p>e. all loaded vehicles involved in extractive industry operations to egress from the property utilising Korbrelkulling Road on to Hines Hill Road;</p> <p>f. all vehicles involved in extractive industry operations not permitted on Korbrelkulling Road during school bus hours;</p> <p>g. the operator shall, at the direction of Executive Manager Engineering Services, undertake certain measures so as to minimise the impact of vehicles involved in extractive industry operations on Korbrelkulling Road;</p> <p>h. the requirements of clause 6.1(a) of the Shire of Merredin Local Law No.10 – Extractive Industries not be imposed;</p> <p>i. dust control and suppression measures to the satisfaction of the Chief Executive Officer shall be maintained over the site;</p> <p>j. extraction of material will not occur below RL259.0 as per surveyor’s plan –dated 30 October 2018 submitted on behalf of the applicant by Paul Kraft and Associates;</p> <p>k. rehabilitation to involve the planting and nurturing of a minimum 4,000 oil mallees and to be completed within 12 months of the conclusion of operations;</p> <p>l. all other relevant statutory consents, approvals or permits be obtained from the relevant statutory authority prior to commencing works; and</p> <p>2. NOTE that the development (planning) approval incorporates and supersedes the previous development approval (PA18/05) for extractive industry operations on Avon Location 11 Korbrelkulling Road, (Korbel) Merredin granted in December 2005 (CMRef 28253), extended in March 2016 (CMRef 81752) and extended in November 2018 (CMRef 82275).</p>															
<p>11/12/2023 CMRef: 83293 EMES</p>	<p>That Council ENDORSES the Proposed 5-Year Regional Road Group Program as per Attachment 13.1A.</p>	<p><b>COMPLETED</b></p> <p>January 2024: 5-Year RRG Program was endorsed by Council.</p>														
<p>11/12/2023 CMRef: 83294 EMCS</p>	<p>That Council:</p> <ol style="list-style-type: none"> <li>RECEIVE the Statements of Financial Activity and Investment Report for the period ending 31 October 2023 in accordance with Regulation 34 of the Local Government (Financial Management) Regulations 1996;</li> <li>AMENDS the Shire of Merredin 2023/24 Schedule of Fees and Charges to include the proposed new fee, as per the following table:</li> </ol> <table border="1"> <thead> <tr> <th>Account</th> <th>Description</th> <th>Unit</th> <th>GST</th> <th>Total (incl GST)</th> <th>GST</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td colspan="7">New Fee/Charge</td> </tr> </tbody> </table>	Account	Description	Unit	GST	Total (incl GST)	GST	Notes	New Fee/Charge							<p><b>COMPLETED</b></p> <p>January 2024: The new fee and charge was advertised by public notice on 14 December 2023. It has been added to the Schedule of Fees and Charges for 2023/24 and was updated on the Shire’s website on 2 January 2024.</p>
Account	Description	Unit	GST	Total (incl GST)	GST	Notes										
New Fee/Charge																

	<p>3100520 Electric Vehicle Charger – Shire Administration Per kWh          \$0.03 \$0.35 Y Payment is via the “Chargefox: EV Charging Network”          Application          3. NOTES the changes will be incorporated into the 2023/2024 Schedule of Fees and Charges for the Shire of Merredin;          4. APPROVES advertising the changes to the fees and charges as per Item 2 above, in accordance with the Local Government Act 1995; and          5. INITIATES the changes to the fees and charges as per Item 3, upon completion of Item 4 of the recommendation above.</p>	
11/12/2023 CMRef: 83296 EMCS	That Council ADOPT Policy 1.15 – Elected Member Devices, as presented in Attachment 14.3A.	<p><b>COMPLETED</b></p> <p>January 2024: The updated policy has been incorporated in the policy manual which is published on the Shire website.</p>
11/12/2023 CMRef: 83297 EMCS	That Council ADOPT Policy 3.18 – Financial Reserves, as presented in Attachment 14.4A.	<p><b>COMPLETED</b></p> <p>January 2024: The updated policy has been incorporated in the policy manual which is published on the Shire website.</p>
11/12/2023 CMRef: 83298 EMCS	That Council: 1. NOTES the proposed amendments to the Shire of Merredin Register of Delegated Authority as per Attachment 14.5A; and 2. ENDORSES the updated Shire of Merredin Register of Delegated Authority, as per Attachment 14.5B.	<p><b>COMPLETED</b></p> <p>January 2024: The changes have been reflected on Attain and in the delegation register, which is published on the Shire website.</p>
11/12/2023 CMRef: 83299 EMCS	That Council APPROVES the 2023/24 Budget Review 1, as at 31 October 2023, and AUTHORIZES the amendments detailed in Attachment 14.6A.	<p><b>COMPLETED</b></p> <p>January 2024: All amendments have been reflected in the Shire’s accounting software.</p>
11/12/2023 CMRef: 83300 CEO	That Council: 1. NOTE the revision of Policy 1.20 – Councillor Training and Professional Development, as presented in Attachment 15.1A; 2. ADOPT Policy 1.20 with minor changes as presented in Attachment 15.1B;	<p><b>COMPLETED</b></p> <p>January 2024: The updated Policies have been put in the Policy Manual which is published on the Shire website.</p>

	<p>3. NOTE the revision of Policy 1.21 – CEO and Councillor Attendance at Events, as presented in Attachment 15.1C; and</p> <p>4. ADOPT Policy 1.21 with minor changes as presented in Attachment 15.1D.</p>	
<p>11/12/2023 CMRef: 83302 CEO</p>	<p>That Council;</p> <p>1. ACCEPTS the invitation from WALGA to become a RoadWise Council;</p> <p>2. AUTHORISES the CEO to execute the Road Wise Council Registration Form at Attachment 15.3B; and</p> <p>3. NOMINATES the Shire President and Executive Manager Engineering Services as the primary contacts for road safety matters.</p>	<p><b>COMPLETED</b></p>
<p>11/12/2023 CMRef: 83303 CEO</p>	<p>That Council ENDORSE, that Councillors Manning and Simmonds be nominated as Members and Councillors Crook and Anderson as Alternate Members for the Shire of Merredin on the Mid-West/Wheatbelt Joint Development Assessment Panel and their nomination be submitted to the Minister for Planning for consideration.</p>	<p><b>COMPLETED</b></p> <p>January 2024: The nomination form was sent in and the nominations have been approved by the Minister for Planning.</p>
<p>11/12/2023 CMRef: 83304 CEO</p>	<p>That Council;</p> <p>1. DECLARE, in accordance with section 4.20(4) of the Local Government Act 1995, the Electoral Commissioner to be responsible for the conduct of the extraordinary election; and</p> <p>2. DECIDE, in accordance with section 4.61(2) of the Local Government Act 1995 that the method of conducting the extraordinary election will be as a postal election.</p>	<p><b>COMPLETED</b></p>



## 15.2 Proposed Changes to the CEACA Constitution

<h1>Administration</h1>	
<b>Responsible Officer:</b>	Lisa Clack, CEO
<b>Author:</b>	Meg Wyatt, EA
<b>Legislation:</b>	Nil
<b>File Reference:</b>	Nil
<b>Disclosure of Interest:</b>	Nil
<b>Attachments:</b>	Attachment 15.2A – CEACA draft Constitution with tracked changes Attachment 15.2B – Explanatory Memorandum



### Purpose of Report



Executive Decision



Legislative Requirement

For Council to consider, and agree a voting position on the Central East Aged Care Alliance (CEACA) constitutional change, scheduled to be voted on at the proposed CEACA member's meeting to be held 19 February 2024.

### Background

A revised Constitution was presented to Council at its August Ordinary Council Meeting, held 22 August 2023. The primary changes that were shown in the revised Constitution were focussed on broadening the objectives of CEACA's purpose, membership changes requiring minimum commitment term (3 years) and, changes to the disposal of property should CEACA wind up, to meet legislative requirements. Council endorsed the proposed changes to the CEACA Constitution (CMRef 83221).

CEACA has now provided a draft Constitution for the consideration of Member Councils.

### Comment

The proposed changes to the CEACA constitution are outlined in Attachments 15.2A and B, which include a copy of the draft Constitution (with tracked changes) and explanatory notes that provide some commentary around the changes.

The proposed changes to the CEACA Constitution can be divided into three (3) categories:

1. Changes required to comply with registered Community Housing Provider (CHP) status;
2. Changes related to a 3-year membership term from 1 July 2023; and
3. Various other changes discussed and agreed by the Management Committee.

Following the Management Committee meeting held on 6 November 2023, CEACA have worked with the Registrar for Community Housing Providers (CHP) and the solicitors for CEACA, to finalise the proposed amendments to the Constitution.

Overall, none of the proposed amendments are considered contentious, and will improve the alignment and partly de-risk Councils involvement. Therefore, the Administration is recommending the changes are supported.

### Policy Implications

Nil

### Statutory Implications

Nil

### Strategic Implications

Ø Strategic Community Plan

Theme:	4. Communication and Leadership
Service Area Objective:	4.2 Decision Making 4.2.2 The Shire is progressive while exercising responsible stewardship of its built, natural and financial resources.
Priorities and Strategies for Change:	Nil

CEACA Strategy Implications:

The broadening of CEACA's purpose, is likely to mean the future of the organisation will be directed towards securing of further housing, including potentially for social housing, or low-income housing.

While this is an area of need, this will mean CEACA is unlikely to broaden its service scope in aged care, which had been an area of interest previously for Council. Instead, it will continue be focussed on the development of infrastructure. This is consistent with the general approach in the last 12-18 months, where CEACA has acted as a facilitator offering briefings from service providers to Local Government, for Local Government to consider extending their services and approach.

### Sustainability Implications

Ø Strategic Resource Plan

Nil

### Risk Implications

The appointed Council Member on CEACA is listed as a Board Member or a Non-Executive Director on the ACNC registration for the organisation. This role has a level of responsibility and accountability for the governance and financial stability of the organisation. The changes to the Constitution assist to reduce any associated risk.

### Financial Implications

The risk to the Shire of Merredin of increased membership fees due to other Shires withdrawing, are reduced with the membership changes.

### Voting Requirements

Simple Majority

Absolute Majority

### Resolution

**Moved: Cr Crook**

**Seconded: Cr Simmonds**

**83320 That Council ENDORSES the proposed changes to the draft CEACA Constitution, as per Attachment 15.2A.**

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

# CENTRAL EAST ACCOMMODATION & CARE ALLIANCE INC

## CONSTITUTION



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E [info@kottgunn.com.au](mailto:info@kottgunn.com.au)

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*advoc*

**> WHEN THERE'S  
BUSINESS AT STAKE**  
WE'RE YOUR LEGAL PARTNERS

Liability limited by a scheme approved under the Professional Standards Legislation.

Ref: 201728: CEACA Constitution (as amended December 2020): 3334152\_1

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## 1. PRELIMINARY

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### 1.1 Name of Association

The name of the Association shall be "Central East Accommodation & Care Alliance Inc".

### 1.2 Vision of the Association

The Association and its constituent members recognise the need for affordable, suitable and sustainable housing that meets the needs of the current and future an ageing population in the Region. The Association will implement agreed strategies and secure funding from sources including State and Commonwealth governments, the private sector and not for profit organisations to facilitate the achievement of the Associations objects and purposes including providing for construction, management and maintenance of housing in the Region.

### 1.3 Objects and Purposes of Association

The objects and purposes of the Association are:

- (a) advancing the social or public welfare of people in need including disadvantaged, the aged and or individuals with disabilities in the Region;
- (b) relieving the poverty, distress or disadvantage of people in need including disadvantaged, the aged and or individuals with disabilities in the Region;
- (c) caring for and supporting people in need including disadvantaged, the aged and or individuals with disabilities in the Region;
- (d) providing and managing affordable housing, accommodation and services for people in need including disadvantaged, the aged and or individuals with disabilities in the Region;
- (e) seeking funds and assistance from various sources to achieve the provision and management of affordable housing, accommodation and services for people in need including disadvantaged, the aged and or individuals with disabilities in the Region;
- (f) developing new and innovative ways of delivering affordable housing, accommodation and services for people in need including disadvantaged, the aged and or individuals with disabilities in the Region;
- (g) raising and promoting government and community awareness of the needs of people in need including disadvantaged, the aged and or individuals with disabilities in the Region for affordable housing, accommodation and services;
- (h) working with government and the community to develop policies and programmes to increase the availability of affordable housing, accommodation and services for people in need including disadvantaged, the aged and or individuals with disabilities in the Region;
- (i) acting in a manner consistent with that of a Registered Charity; and
- (j) purposes that are incidental or ancillary to, and in furtherance or in aid of, the foregoing objects and purposes.



#### 1.4 Quorum for Management Committee Meeting

Fifty (50%) percent of the Management Committee Members plus one constitute a quorum for the conduct of the business at a Management Committee Meeting.

#### 1.5 Quorum for General Meetings

Fifty (50%) percent of the total number of Members plus one (being a natural person or a person appointed under Rule 6.3(a)) present in person, or present through the use of technology under Rule 17.1(a)(ii), and eligible to cast a vote under these Rules at a General Meeting will constitute a quorum for the conduct of business at a General Meeting.

## 2. INTERPRETATION

---

### 2.1 Definitions

In these Rules, unless the contrary intention appears:

**ACNC Act** means the [Australian Charities and Not-for-profits Commission Act 2012 \(Cth\)](#);

**ACNC Commissioner** means the [Commissioner of the Australian Charities and Not-for-profits Commission for the purposes of the ACNC Act](#);

**Act** means the Associations Incorporation Act 2015 (WA);

**Annual General Meeting** means the annual general meeting convened under Rule 23.1;

**Associate Member** means a person, local government, body corporate, or incorporated association that:

- (a) satisfies the requirements of Rule 5.3(a); and
- (b) whose application for membership is accepted by the Management Committee under Rule 5.5; and
- (c) have complied with Rule 5.6;

**Association** means Central East Aged Care Alliance Inc;

**Books of the Association** has the meaning given to it in section 3 of the Act, and includes the following —

- (a) a Register;
- (b) Financial Records, Financial Statements and Financial Reports, however compiled, recorded or stored;
- (c) a document;
- (d) any other record of information;

**By-laws** means by-laws made by the Association under Rule 25;

**Code of Conduct** means the Code of Conduct of the Association (if any) which may be amended or added to from time to time by the Management Committee as it deems appropriate;

**Commissioner** means the person designated as the Commissioner from time to time under the Act;

**Commissioner of Taxation** means the Commissioner of Taxation, a Second Commissioner of Taxation or a Deputy Commissioner of Taxation for the purposes of the ITAA97;

**Community Housing Assets** means as defined within the Community Housing Regulatory Framework ("Framework") as:

- (a) land and/or premises transferred to the CHP by the Housing Authority, but does not include land or land and premises that the Housing Authority sells at market value to the CHP;
- (b) land and/or premises acquired by the CHP wholly or partly with funding provided by the Housing Authority, including but not limited to where such funding is comprised of:
  - (i) funding provided directly by the Housing Authority;
  - (ii) GST input tax credits claimed by the CHP in connection with any supplies which are funded wholly or partly by the Housing Authority;
- (c) a legal interest in land and/or premises acquired by the CHP wholly or partly with funding provided or where the acquisition is facilitated by the Housing Authority;
- (d) land and/or premises acquired by the CHP wholly or in part with borrowings leveraged off or cash flow generated from any assets in the CHP's portfolio in which the Housing Authority has or had an interest;
- (e) land and/or premises where the Housing Authority is identified as having an interest in any legal agreement;
- (f) land and/or premises procured with the proceeds of sale of land and /or premises in which the Housing Authority has previously had an interest; and
- (g) housing constructed by the Housing Authority or improvements made on land and/or premises by the Housing Authority;

**Community Housing Provider (CHP)** is defined within the Framework as an organisation that provides community housing;

**Contribution** means:

- (a) a contribution of money or property as described in item 7 of the table contained in section 30-15 of the ITAA97 in relation to a fundraising event; or
- (b) a contribution of money as described in item 8 of the table contained in section 30-15 of the ITAA97 in relation to a successful bidder at an auction that was a fundraising event.

held for the Objects;

**Deductible Gift Recipient** means an institution, fund, authority or any other entity that is endorsed as a deductible gift recipient by the Commissioner of Taxation under Division 30 of the ITAA97 or is a specific listed deductible gift recipient under Division 30 of the ITAA97;

**Financial Records** has the meaning given to it in section 62 of the Act and includes:

- (g)(c) invoices, receipts, orders for the payment of money, bills of exchange, cheques, promissory notes and vouchers;
- (h)(d) documents of prime entry; and

(f)(e) working papers and other documents needed to explain:

- (i) the methods by which financial statements are prepared; and
- (ii) adjustments to be made in preparing financial statements;

**Financial Report** has the meaning given to it in sections 62 and 63 of the Act;

**Financial Statements** has the meaning given to it in section 62 of the Act;

**Financial Year** has the meaning given to it in Rule 22;

**Foundation General Members** of the Association are the Members listed in Rule 5.2(a);

**General Meeting** means an Annual General Meeting or a Special General Meeting of the Association;

**General Member** means a person, local government, body corporate or incorporated association that:

- (a) satisfies the requirements of Rule 5.2(b); and
- (b) whose application for membership is accepted by the Management Committee under Rule 5.5; and
- (c) have complied with Rule 5.6;

**ITAA97** means the [Income Tax Assessment Act 1997 \(Cth\)](#);

**Management Committee** means the committee of management required by the Act which is the body responsible for the management of the affairs of the Association;

**Management Committee Meeting** means a meeting referred to in Rule 14.1;

**Management Committee Member** means a member of the Management Committee elected or appointed under Rule 12;

**Member** means a person, local government, body corporate or incorporated association that becomes a member of the Association under these Rules;

**Objects** means the objects referred to in Rule 1.3;

**Office Holder** has the meaning given to it at Rule 10.2(c);

**Ordinary Resolution** means a resolution to decide a question, matter or resolution at a General Meeting that is not a Special Resolution;

**Poll** means voting conducted in written form which may include, but is not limited to a secret ballot (as opposed to general agreement or a show of hands);

**Region** means the aggregate of the districts of the local governments that are General Members of the Association;

**Register** means the register of Members referred to in Rule 8.1(a);

**Registered** is defined within the Framework as a Community Housing Provider that has successfully achieved registration under the Framework as a tier 1, 2 or 3 provider.

**Registered Charity** means an [entity](#) registered [by the ACNC Commissioner as a charity in accordance with the ACNC Act as defined in the Income Tax Assessment Act 1997 \(Cth\)](#);

**Rules** means this constitution of the Association as amended from time to time under Rule 24.2;

**Special General Meeting** means the meeting convened under Rule 18;

**Special Resolution** is a resolution of the Association passed in accordance with Rule 19.1;

**Surplus Property** has the meaning given to it in the Act and means the property remaining when the Association is wound up or cancelled after satisfying:

- (a) the debts and liabilities of the Association; and
- (b) the costs, charges and expenses of winding up the Association,

but does not include the Books of the Association [or Community Housing ;Assets; and](#)

**Tier 3 Association** has the meaning given to it in section 62 of the Act.

## 2.2 Interpretation

In these Rules, unless the contrary intention appears:

- (a) **(headings)** underlining, numberings, typesetting styles and layouts are for convenience only and do not affect the interpretation of these Rules;
- (b) **(gender)** a reference to any gender includes every gender;
- (c) **(person)** the word person includes a firm, a partnership, a joint venture, an organisation or an authority;
- (d) **(may)** the word may is permissive and not mandatory;
- (e) **(singular includes plural)** the singular includes the plural and vice versa;
- (f) **(grammatical form)** where a word or phrase is given a particular meaning, other parts of speech and grammatical forms of that word or phrase have corresponding meanings;
- (g) **(including)** the word including and similar expressions are not words of limitation and a **general** description of any matter or thing whatever shall not be read down if followed by any specific examples of that matter or thing;
- (h) **(regulations)** a reference to a law includes regulations and instruments made under the law;
- (i) **(amendments to statutes)** a reference to a law or a provision of a law includes amendments, re-enactments or replacements of that law or the provision;
- (j) **(from time to time)** a power, an authority or a discretion reposed in the members', a member, the Management Committee or an Office Holder may be exercised at any time and from time to time;
- (k) **(function)** a reference to a function includes a reference to a power, authority and duty; and
- (l) **(exercise of a function)** a reference to the exercise of a function includes, where the function is a power, authority or duty, a reference to the exercise of the power or authority of the performance of the duty.

### 2.3 Notices

- (a) A notice or other communication connected with these Rules has no legal effect unless it is in writing and given as follows:
  - (i) delivered by hand to the nominated address of the addressee;
  - (ii) sent by post to the nominated postal address of the addressee; or
  - (iii) sent by e-mail or any other method of electronic communication (including facsimile) to the nominated electronic address of the addressee.
- (b) Any notice given to a Member under these Rules, must be sent to Member's address as set out in the Register.
- (c) When a notice is:
  - (i) delivered by hand under Rule 2.3(a)(i) it is properly served when delivered to, and received by, the recipient;
  - (ii) sent by ordinary pre-paid post under Rule 2.3(a)(ii), it is taken to have been received five (5) working days after posting;
  - (iii) sent by email under Rule 2.3(a)(iii), it is taken to have been received at the time when the sender receives confirmation on its server that the message has been transmitted;
  - (iv) sent by facsimile under Rule 2.3(a)(iii), it is taken to have been received at the time shown on the transmission report as the time the whole facsimile was sent.

## 3. POWERS OF THE ASSOCIATION

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### 3.1 Powers of the Association

The powers conferred on the Association are the same as those conferred by section 14 of the Act, so that subject to the Act, the Association may do all things necessary or convenient for carrying out its objects or purposes in a lawful manner, and in particular may:

- (a) acquire, hold, deal with, and dispose of any real or personal property;
- (b) open and operate bank accounts;
- (c) invest its money:
  - (i) as trust funds may be invested under the *Trustees Act 1962* Part III; or
  - (ii) in any other manner authorised by the Rules;
- (d) borrow money upon such terms and conditions as the Association thinks fit;
- (e) give such security for the discharge of liabilities incurred by the Association as the Association thinks fit;
- (f) appoint agents to transact any business of the Association on its behalf;
- (g) enter into any other contract it considers necessary or desirable;

- (h) employ such persons as the Association deems appropriate to pursue the objects of the Association or to administer the affairs of the Association; and
- (i) act as trustee and accept and hold real and personal property upon trust, but does not have power to do any act or thing as a trustee that, if done otherwise, would contravene the Act or the Rules.

### **3.2 Paid Officers**

- (a) The Management Committee may appoint from time to time an independent Chairperson and an Executive Officer for the Association and any other paid officers as may be required to conduct the affairs of the Association and may also terminate such appointments.
- (b) The term of appointment, remuneration and other employment terms and conditions of a Chairperson or Executive Officer or other paid officer shall be on terms agreed by the Management Committee.

### **3.3 Office of the Association**

The office of the Association shall be at such place as the Management Committee may from time to time determine.

## **4. NOT FOR PROFIT**

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- (a) The property and income of the Association shall be applied solely towards promoting the objects or purposes of the Association and no part of that property or income may be paid or otherwise distributed, directly or indirectly, to any Member, except in good faith in the promotion of those objects or purposes.
- (b) A payment may be made to a Member out of the funds of the Association only if it is authorised under Rule 4(c).
- (c) A payment to a Member out of the funds of the Association is authorised if it is:
  - (i) the payment in good faith to the Member as reasonable remuneration for any services provided to the Association, or for goods supplied to the Association, in the ordinary course of business; or
  - (ii) the payment of interest on money borrowed by the Association from the Member, at a rate not greater than the cash rate published from time to time by the Reserve Bank of Australia; or
  - (iii) the payment of reasonable rent to a Member for premises leased by the Member to the Association; or
  - (iv) the reimbursement of reasonable expenses properly incurred by the Member on behalf of the Association.

## **5. BECOMING A MEMBER**

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### **5.1 Minimum Number of Members**

The Association must have at least six Members with full voting rights.

### **5.2 General Members**

- (a) Foundation General Members are General Members of the Association.

The Foundation General Members of the Association are:

- (i) Shire of Bruce Rock;
  - (ii) Shire of Kellerberrin;
  - (iii) Shire of Koorda;
  - (iv) Shire of Merredin;
  - (v) Shire of Mt Marshall;
  - (vi) Shire of Mukinbudin;
  - (vii) Shire of Nungarin;
  - (viii) Shire of Trayning;
  - (ix) Shire of Westonia;
  - (x) Shire of Wyalkatchem; and
  - (xi) Shire of Yilgarn.
- (b) Any:
- (i) local government; and
  - (ii) any person, body corporate or incorporated association with interests or objectives which include objectives consistent with the objects of the Association;
- may apply to be a General Member of the Association.
- (c) A General Member has all the rights provided to Members under the Rules, including full voting rights, and is eligible for nomination, election and appointment to the Management Committee as an Office Holder or ordinary Management Committee Member.

**Commented [ET1]:** Note to client: New suggested clause 5.3(c) is not required, as a local government (or an Associate Member) can apply to be a General Member under this rule at any time.

**Commented [RM2R1]:** OK thanks, noted

### 5.3 Associate Members

- (a) Any person, local government, body corporate or incorporated association that is not eligible, or does not wish, to be a General Member of the Association may apply to be an Associate Member of the Association.
- (b) An Associate Member shall enjoy the same privileges and be subject to the same obligations as a General Member, except an Associate Member is not entitled or eligible to:
  - (i) vote at any General Meeting;
  - (ii) propose a resolution at a General Meeting;
  - (iii) call a General Meeting;
  - (iv) be nominated, elected, or appointed as a Management Committee Member or Office Holder;
  - (v) nominate a Management Committee Member or Office Holder; or

- (vi) nominate a person, local government, body corporate, or incorporated association to be a Member of the Association.

#### 5.4 Applying for Membership

- (a) A person, local government, body corporate, or incorporated association who wish to become a Member must:
  - (i) be nominated for membership by two General Members; ~~and~~
  - (ii) apply in writing to the Association, using the form prescribed by the Association (if any) together with any levy due under Rules 9.1 and 9.2; ~~and~~
  - ~~(ii)(iii)~~ consent to become a Member for a 3 year term.
- (b) A local government, body corporate, or incorporated association who wish to become a Member must comply with Rule 6.3 and appoint in writing a natural person to represent it at General Meetings and on the Management Committee.
- (c) All application forms must:
  - (i) state the full name of the applicant;
  - (ii) state a contact postal, business or residential address, and an email address, for the applicant;
  - ~~(ii)(iii)~~ confirm the applicant's consent to become a Member for a 3 year term; and
  - ~~(iii)(iv)~~ if applicable, appoint in writing a natural person to represent it at General Meetings and on the Management Committee, and state
    - (A) the name of the appointed person; and
    - (B) a contact postal, business or residential address, and an email address, for the appointed person.
- (d) All application forms must be signed by the applicant and the two nominating General Members (or persons appointed under Rule 6.3(a) with authority to represent the General Members).
- (e) If the Association has more than one class of membership, the application form must specify the applicable class of membership.

#### 5.5 Deciding Membership Applications

- (a) The Management Committee will consider and decide whether to approve or reject any membership application.
- (b) Subject to Rule 5.5(c) applications will be considered and decided in the order they are received by the Association.
- (c) When considering a membership application, the Management Committee may seek clarification of any matter or further information in support of the application, and may delay its decision to allow for that material to be provided and proceed to consider and decide other applications.



- (d) The Management Committee may approve a membership application if, in the view of the Committee, the applicant:
- (i) meets the eligibility requirements for the relevant membership class under Rule 5.2(b) or 5.3(a); and
  - (ii) applies under Rule 5.4.
- (e) The Management Committee may refuse to accept a membership application even if the applicant has applied in writing and complies with all the eligibility requirements under Rule 5.2(b) or 5.3(a).
- (f) As soon as is practicable after the Management Committee has made a decision under Rule 5.5, the Management Committee must notify the applicant in writing of the outcome of their membership application but is not obliged to provide reasons for the decision, and the decision of the Management Committee shall be final.

#### 5.6 **Becoming a Member and Term of Membership**

- (a) An applicant becomes a Member if:
- (i) the applicant is eligible for membership under Rule 5.2(b) or 5.3(a);
  - (ii) the applicant applies in writing using the prescribed form (if any) to the Association under Rule 5.4;
  - (iii) the Management Committee approves the applicant's application for membership submitted under Rule 5.5; and
  - (iv) the applicant has paid the levy due under Rules 9.1 and 9.2 (if any).
- (b) The applicant immediately becomes a Member of the applicable class of membership, and is entitled to exercise all the rights and privileges of that class of membership, and must comply with all of the obligations of membership under these Rules, when Rule 5.6(a) has been fulfilled.

#### (c) Subject to Rule 7:

- (i) a Member holds membership with the Association for a term of 3 years commencing on the date their membership takes effect under this Rule 5.6; and
- (v)(ii) all existing General Members as at 30 June 2023 consent and agree to remain a Member for a 3 year term on and from 1 July 2023.

#### 5.7 **Recording Membership in the Register**

The Secretary must enter the name of a Member in the Register within 28 days after the Member becomes a Member under these Rules.

### 6. **LIABILITY AND ENTITLEMENTS OF MEMBERS**

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#### 6.1 **Classes of Members**

- (a) The membership of the Association consists of:
- (i) General Members; and

Commented [jjb3]: Note to client: This rule notes the requirement for Members to pay the Annual Membership Levy which will also include the requirement for Associate Members to pay an Annual Membership Levy.

Commented [RM4R3]: OK, that seems appropriate

- (ii) Associate Members;
- (b) The Association may have any class of membership determined by resolution of Members at a General Meeting.
- (c) If the Association has two or more classes of members, no Member can belong to more than one class of membership.
- (d) Subject to any limitation specified in these Rules, each class of membership shall have rights and benefits as determined by the Management Committee or by resolution of Members at a General Meeting.
- (e) The maximum number of General Members is unlimited unless the Association in General Meeting decides otherwise.

## **6.2 Membership Voting Rights of Members**

Each Member that is entitled to vote has one (1) vote at a General Meeting of the Association.

## **6.3 Voting by a local government, body corporate, or incorporated association**

- (a) A Member which is a local government, body corporate, or incorporated association:
  - (i) by written notice to the Association must appoint a natural person to be the Member's representative at a particular General Meeting, or at all General Meetings and on the Management Committee; and
  - (ii) may at any time by written notice to the Association revoke an appointment of their representative provided that in the same notice a replacement representative is appointed.
- (b) A copy of a written notice pursuant to Rule 6.3(a) must be lodged with the Secretary.
- (c) A person appointed under Rule 6.3(a) has authority to represent the local government, body corporate, or incorporated association as a Member:
  - (i) in the case of an appointment in respect of a particular General Meeting, until the conclusion of that General Meeting; or
  - (ii) otherwise, until the appointment is revoked in writing by the local government, body corporate, or incorporated association, and notice of the revocation is given to the Secretary.
- (d) The selection of the person pursuant to Rule 6.3(a) shall be at the discretion of the applicant. Without limiting that discretion, it is the intention of the Association that persons appointed by local government Members should be a person who normally resides within the district of that local government.

## **6.4 Liability of Members**

- (a) A Member is only liable for their outstanding levy payable under Rules 9.1 and 9.2, if any.
- (b) Subject to Rule 6.4(a), a Member is not liable, by reason of the person's membership, for the liabilities of the Association or the cost of winding up the Association.

- (c) Rule 6.4(b) does not apply to liabilities incurred by or on behalf of the Association by the Member before incorporation.

#### **6.5 Payment to Members**

- (a) Subject to Rule 6.5(b), no portion of the income or property of the Association may be paid directly or indirectly, by way of dividend, bonus or otherwise to the Members.
- (b) Rule 6.5(a) does not prevent payments authorised by Rule 4(c).

#### **6.6 Membership Entitlements not Transferable**

Subject to Rule 6.3(a), a right, privilege or obligation that a person, local government, body corporate or incorporated association has because it, he or she is a Member of the Association:

- (a) is not capable of being transferred to any other person, local government, body corporate, or incorporated association; and
- (b) ends when the membership ceases for that person, local government, body corporate, or incorporated association.

### **7. CEASING TO BE A MEMBER**

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#### **7.1 Ending Membership**

- (a) The membership of a Member ends, if the Member:
  - (i) dies;
  - (ii) ceases to be a Member under Rule 9.1(d);
  - (iii) ceases to be a Member under Rule 9.2(d);
  - (iv) resigns as a Member under Rule 7.2; or
  - (v) is expelled from the Association under Rule 7.3.
- (b) For a period of one year after a Member's membership ends, the Secretary must keep a record of:
  - (i) the date on which a person, local government, body corporate, or incorporated association ceases to be a Member under Rule 7.1(a); and
  - (ii) the reason why the person, local government, body corporate, or incorporated association ceases to be a Member.
- (c) If a local government, body corporate, or incorporated association ceases to be a Member, then any appointment to a natural person made by it under Rule 6.3 immediately ceases to have any effect.

#### **7.2 Resigning as a Member**

- (a) A Member who has paid all amounts payable by the Member to the Association in respect of their membership, may resign from membership by giving written notice of their resignation to the Secretary.

- (b) The Member resigns:
  - (i) at the time the Secretary receives the notice; or
  - (ii) if a later time is stated in the notice, at that later time.
- (c) Any Member who resigns from the Association remains liable to pay to the Association any outstanding fees or levy [for the remainder of their membership term under Rule 5.6 \(if any\)](#) which may be recovered as a debt due to the Association by the Member.

### 7.3 Suspending or Expelling Members

- (a) The Management Committee may, by resolution, discipline a Member by any means considered appropriate, or suspend or expel a Member from membership if, in the opinion of the Management Committee:
  - (i) the Member or any person authorised to represent the Member under Rule 6.3 refuses or neglects to comply with these Rules or the Code of Conduct; or
  - (ii) the conduct or behaviour of the Member or any person authorised to represent the Member under Rule 6.3:
    - (A) is detrimental to the interests of the Association; or
    - (B) has brought the Association into disrepute; or
    - (C) has brought discredit on the Association; or
  - (iii) the Member is not solvent (as defined in the Bankruptcy Act 1966 (Cwth)); or
  - (iv) the Member applied for and obtained membership under a false pretence or by providing false information.
- (b) The Management Committee must hold a Management Committee Meeting to decide whether to suspend or expel a Member.
- (c) The Secretary must, not less than 28 days before the Management Committee Meeting referred to in Rule 7.3(b), give written notice to the Member:
  - (i) of the proposed suspension or expulsion and the grounds on which it is based;
  - (ii) of the date, place and time of the Management Committee Meeting;
  - (iii) that the Member, or the Member's representative, may attend the Management Committee Meeting; and
  - (iv) that the Member, or the Member's representative, may address the Management Committee at the meeting and will be given a full and fair opportunity to state the Member's case orally, or in writing, or both.
- (d) At the Management Committee Meeting referred to in Rule 7.3(b) the Management Committee must:
  - (i) give the Member, or the Member's representative, a full and fair opportunity to state the Member's case orally;

- (ii) give due consideration to any written statement submitted by the Member; and
- (iii) determine whether or not the Member should be:
  - (A) expelled from the Association; or
  - (B) suspended from membership, and if so, the period that the Member should be suspended from membership; or
  - (C) disciplined by any means considered appropriate, which may include reprimanding the Member; or
  - (D) exonerate the Member
- (e) The Secretary must inform the Member in writing of the decision of the Management Committee and the reasons for the decision, within 7 days of the Management Committee Meeting referred to in Rule 7.3(d).
- (f) If the Management Committee has decided to suspend or expel a Member under Rule 7.3(d), the Member is immediately suspended or expelled from membership from the date of that decision irrespective of whether the Member appeals the decision.

#### **7.4 Right of Appeal against Suspension or Expulsion**

- (a) If a Member is suspended or expelled or disciplined under Rule 7.3, the Member may appeal the Management Committee's decision by giving written notice of appeal to the Secretary within 14 days of receiving notice of the Management Committee's decision.
- (b) The notice of appeal must:
  - (i) identify the decision appealed against;
  - (ii) provide a summary of the reasons for the appeal;
  - (iii) request the convening of a General Meeting to consider the appeal.
- (c) The Secretary must issue notice to convene a General Meeting to consider the appeal within 14 days after receiving a notice of appeal.
- (d) At the General Meeting referred to in Rule 7.4(c):
  - (i) the Member, or the Member's representative, must be given a full and fair opportunity to state the Member's case orally;
  - (ii) the General Meeting may give consideration to any written statement submitted by the Member; and
  - (iii) the General Meeting must determine by resolution;
    - (A) whether or not the decision of the Management Committee should be upheld or changed; and
    - (B) if changed, then what the decision should be.

### **7.5 Reinstatement of a Member**

If the Management Committee's decision to suspend or expel or discipline a Member is revoked under these Rules, any act performed by the Management Committee or Members in General Meeting during the period that the Member was suspended or expelled from membership under Rule 7.3(e), is deemed to be valid, notwithstanding the Member's inability to exercise their rights or privileges of membership, including voting rights, during that period.

### **7.6 When a Member is Suspended**

- (a) If a Member's membership is suspended under Rule 7.3(e), the Secretary must record in the Register:
  - (i) the name of the Member that has been suspended from membership;
  - (ii) the date on which the suspension takes effect; and
  - (iii) the length of the suspension as determined by the Management Committee under Rule 7.3(d)(iii)(B).
- (b) A Member that has been suspended under Rule 7.3(e) cannot exercise any rights or privileges of membership, including voting rights, during the period they are suspended from membership.
- (c) Upon the expiry of the period of a Member's suspension, the Secretary must record in the Register that the Member is no longer suspended.

## **8. MEMBERSHIP REGISTER**

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### **8.1 Register of Members**

- (a) The Secretary or a person authorised by the Management Committee from time to time must maintain a register of Members and make sure that the Register is up to date.
- (b) The Register must contain:
  - (i) the full name of each Member;
  - (ii) a contact postal, business or residential address, and an email address of each Member;
  - (iii) the class of membership held by the Member;
  - (iv) the date on which the person became a Member; and
  - (v) the name and contact details of any person appointed by the Member under Rule 6.3(a).
- (c) Any change in membership of the Association must be recorded in the Register within 28 days after the change occurs.
- (d) The Register must be kept and maintained at the Association's listed office or at such other place as the Management Committee decides.

**8.2 Inspecting the Register**

- (a) Any Member, or a person appointed by a Member under Rule 6.3(a), is able to inspect the Register free of charge, at such time and place as is mutually convenient to the Association and the Member.
- (b) A Member must contact the Secretary to request to inspect the Register.
- (c) The Member may make a copy of details from the Register but has no right to remove the Register for that purpose.

**8.3 Copy of the Register**

- (a) A Member, or a person appointed by a Member under Rule 6.3(a), may make a request in writing for a copy of the Register.
- (b) The Management Committee may require a Member who requests a copy of the Register to provide a statutory declaration setting out the purpose of the request and declaring that the purpose is connected with the affairs of the Association.
- (c) The Association may charge a reasonable fee to the Member for providing a copy of the Register, the amount to be determined by the Management Committee from time to time.

**8.4 When Using the Information in the Register is Prohibited**

A Member, or a person appointed by a Member under Rule 6.3(a), must not use or disclose the information on the Register:

- (a) to gain access to information that a Member has deliberately denied them (that is, in the case of social, family or legal differences or disputes);
- (b) to contact, send material to the Association or a Member for the purpose of advertising for political, religious, charitable or commercial purposes unless the use of the information is approved by the Management Committee; or
- (c) for any other purpose unless the purpose:
  - (i) is directly connected with the affairs of the Association; or
  - (ii) relates to the provision of information to the Commissioner in accordance with a requirement of the Act.

**9. MEMBERSHIP LEVY**

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**9.1 Members Discretionary Levy**

- (a) Subject to Rule 30.1(a), the Management Committee may from time to time determine the amount of a Member's discretionary levy to be paid by each Member or each class of Members from time to time.
- (b) Each Member must pay the Member's discretionary levy determined under Rule 9.1(a) to the Treasurer, or a person authorised by the Management Committee to receive payments, as and when decided by the Management Committee.
- (c) If a Member pays the Member's discretionary levy within 2 calendar months after the due date, the Member retains all the rights and privileges of a Member for the purposes of these Rules during that time, including the right to vote.

- (d) Subject to Rule 9.1(e), if a person fails to pay the Member's discretionary levy within 2 calendar months after the due date, the person ceases to be a Member.
- (e) If a person ceases to be a Member under Rule 9.1(d), and subsequently pays to the Association all the Member's discretionary levy, the Management Committee may, if it thinks fit, reinstate the Member's rights and privileges from the date on which the outstanding levy is paid, including the right to vote.

## 9.2 Annual Membership Levy

- (a) ~~Subject to Rule 30.1(a),~~ The Management Committee may from time to time determine the amount of the annual membership levy, if any, including a maximum membership levy per annum or over a 3 year term, to be paid by each Member or each class of Members.
- (b) Each Member must pay the Member's annual membership levy determined under Rule 9.2(a) to the Treasurer, or a person authorised by the Management Committee to receive payments, annually and within 30 days' of the date of an invoice, which are usually issued annually in July or on any other date that the management Committee determines ~~as and when decided by the Management Committee.~~
- (c) If a Member pays the annual membership levy within 2 calendar months after the due date, the Member retains all the rights and privileges of a Member for the purposes of these Rules during that time, including the right to vote.
- (d) Subject to Rule 9.2(e), if a Member fails to pay the annual membership levy within 2 calendar months after the due date, the Member ceases to be a Member of the Association.
- (e) If a Member ceases to be a Member under Rule 9.2(d), and subsequently pays to the Association all the Member's outstanding levy, the Management Committee may, if it thinks fit, reinstate the Member's rights and privileges from the date on which the outstanding levy is paid, including the right to vote.
- (e)(f) In the event a Member ceases to be a Member of the Association under Rule 7.2 prior to the expiry of their term under Rule 5.6(c), the Member will immediately be liable to pay to the Association the annual membership levy payable for the remainder of their membership term (if any). A Member's liability will be the Member's total annual membership levy for the full 3 year membership term less any annual membership levy in respect of the 3 year membership term paid to the Association, which may be recovered as a debt due to the Association by the Member.

## 10. POWERS AND COMPOSITION OF THE MANAGEMENT COMMITTEE

### 10.1 Powers of the Management Committee

- (a) The governing body of the Association is to be called the Management Committee and it has authority to control and manage the affairs of the Association.
- (b) Subject to the Act, these Rules and any by-law or lawful resolution passed by the Association in General Meeting, the Management Committee:



- (i) may exercise all powers and functions as may be exercised by the Association, other than those powers and functions that are required by these Rules to be exercised by General Meetings of the Members; and
- (ii) has power to perform all acts and do all things as appear to the Management Committee to be necessary or desirable for the proper management of the business and affairs of the Association.

## 10.2 Management Committee Members

- (a) The Management Committee is to consist of:
  - (i) the Office Holders of the Association; and
  - (ii) not less than one other ordinary Management Committee Member.
- (b) The maximum number of other ordinary Management Committee Members is to be determined by the Management Committee.
- (c) The Office Holders of the Association are:
  - (i) the Chairperson;
  - (ii) the Deputy Chairperson;
  - (iii) the Secretary; and
  - (iv) the Treasurer.
- (d) A Management Committee Member must be either:
  - (i) a General Member; or
  - (ii) the Chairperson appointed by the Management Committee from time to time.
- (e) Where a General Member is a local government, body corporate, or incorporated association and is elected as a Management Committee Member that General Member shall be represented on the Management Committee by the person appointed under Rule 6.3(a) as representative for that General Member;
- (f) No person is permitted to hold more than one of the positions set out in Rule 10.2(c) at any time.
- (g) No person shall be entitled to hold a position on the Management Committee if the person has been convicted of, or imprisoned in the previous five years for:
  - (i) an indictable offence in relation to the promotion, formation or management of a body corporate;
  - (ii) an offence involving fraud or dishonesty punishable by imprisonment for a period of not less than three months; or
  - (iii) an offence under Part 4 Division 3 or section 127 of the Act,
 unless the person has obtained the consent of the Commissioner.
- (h) No person shall be entitled to hold a position on the Management Committee if the person is:

(i) \_\_\_\_\_ according to the Interpretation Act (WA) section 13D, a bankrupt or a person whose affairs are administered under insolvency laws unless the person has obtained the consent of the Commissioner; or

~~(iv)~~(ii) disqualified from being a responsible entity by the ACNC Commissioner under the ACNC Act.

~~(h)~~(i) The Chairperson must not be when appointed, nor have been within the period of 5 years prior to the appointment, either a Member, a person appointed under Rule 6.3(a) to represent a Member, an employee of a Member or a councillor or officer of a Member.

## 11. ROLE AND RESPONSIBILITIES OF MANAGEMENT COMMITTEE MEMBERS AND OFFICE HOLDERS

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### 11.1 Obligations of the Management Committee

The Management Committee must take all reasonable steps to ensure the Association complies with its obligations under the Act and these Rules.

### 11.2 Responsibilities of Management Committee Members

- (a) A Management Committee Member must exercise his or her powers and discharge his or her duties with a degree of care and diligence that a reasonable person would exercise in the circumstances.
- (b) A Management Committee Member must exercise his or her powers and discharge his or her duties in good faith in the best interests of the Association and for a proper purpose.
- (c) A Management Committee Member or former Management Committee Member must not improperly use information obtained because he or she is a Management Committee Member to:
  - (i) gain an advantage for himself or herself or another person; or
  - (ii) cause detriment to the Association.
- (d) A Management Committee Member or former Management Committee Member must not improperly use his or her position to:
  - (i) gain an advantage for himself or herself or another person; or
  - (ii) cause detriment to the Association.
- (e) A Management Committee Member having any material personal interest in a matter being considered at a Management Committee Meeting must:
  - (i) as soon as he or she becomes aware of that interest, disclose the nature and extent of his or her interest to the Management Committee;
  - (ii) disclose the nature and extent of the interest at the next General Meeting of the Association; and
  - (iii) not be present while the matter is being considered at the Management Committee Meeting or vote on the matter.
- (f) Rule 11.2(e) does not apply in respect of a material personal interest that:

- (i) exists only because the Management Committee Member belongs to a class of persons for whose benefit the Association is established; or
  - (ii) the Management Committee Member has in common with all, or a substantial proportion of, the members of the Association.
- (g) The Secretary must record every disclosure made by a Management Committee Member under Rule 11.2(e) in the minutes of the Management Committee Meeting at which the disclosure is made.
- (h) No Management Committee Member shall make any public statement or comment or cause to be published any words or article concerning the conduct of the Association unless the person is authorised by the Management Committee to do so and such authority is recorded in the minutes of the Management Committee Meeting.
- ~~(h)~~(i) The role of the Management Committee is in accordance with Rule 10.1(a) is to control the affairs of the Association. This role includes but is not limited to:
- (i) ensuring the good governance of the Association;
  - (ii) determining and approving the policies of the Association;
  - (iii) determining the strategic direction of the Association and monitoring progress against the strategic plan;
  - (iv) determining and monitoring the risk management framework of the Association;
  - (v) appointing an Executive Committee (pursuant to Rule 16) and monitoring the performance of the Executive Committee;
  - (vi) appointing an Executive Officer and monitoring the performance of the Executive Officer; and
  - (vii) having oversight of the operations and activities of the Association.

### 11.3 Chairperson

The Chairperson:

- (a) must consult with the Secretary regarding the business to be conducted at each Management Committee Meeting and each General Meeting;
- (b) may convene special meetings of the Management Committee under Rule 14.1(c);
- (c) may preside over Management Committee Meetings under Rule 14.3;
- (d) may preside over General Meetings under Rule 17.4; and
- (e) must ensure that the minutes of a General Meeting or Management Committee Meeting are reviewed and signed as correct under Rule 20(b).

#### 11.4 The Deputy Chairperson

The Deputy Chairperson:

- (a) shall assist the Chairperson in carrying out his or her duties and responsibilities as described in Rule 11.3; and
- (b) shall perform those duties and responsibilities in the absence of, and in accordance with the instructions of, the Chairperson.

#### 11.5 Secretary

(a) The Secretary shall be responsible for fulfilling the directives of the Management Committee and the day-to-day operations of the Association, and must:

- (i) co-ordinate the correspondence of the Association;
- (ii) consult with the Chairperson about all business to be conducted at meetings and convene General Meetings and Management Committee Meetings, including preparing the notices of meetings and of the business to be conducted at each meeting;
- (iii) keep and maintain in an up to date condition the Rules as required by Rule 24.1 and any by-laws of the Association made in accordance with Rule 25;
- (iv) maintain the register of the Members, referred to in Rule 8.1;
- (v) maintain the record of office holders of the Association, referred to in Rule 11.7;
- (vi) ensure the safe custody of the Books (with the exception of the Accounting Records) of the Association under Rule 27.1;
- (vii) keep full and correct minutes of Management Committee Meetings and General Meetings; and

(viii) perform any other duties as are imposed by these Rules or the Association on the Secretary.

(b) With the approval of the Management Committee, the Secretary may delegate the duties listed in Rule 11.5(a) to the Executive Officer for the Association.

#### 11.6 The Treasurer

(a) The Treasurer must:

- (i) ensure all moneys payable to the Association are collected, and that receipts are issued for those moneys in the name of the Association;
- (ii) ensure the payment of all moneys referred to in Rule 11.6(a)(i) into the account or accounts of the Association as the Management Committee may from time to time direct;
- (iii) ensure timely payments from the funds of the Association with the authority of a General Meeting or of the Management Committee;
- (iv) ensure that the Association complies with the account keeping requirements in Part 5 of the Act;

- (v) ensure the safe custody of the Financial Records of the Association and any other relevant records of the Association;
  - (vi) coordinate the preparation of the Financial Report of the Association prior to its submission to the Annual General Meeting of the Association, as if the Association was a Tier 3 Association;
  - (vii) assist the reviewer or auditor (if any) in performing their functions; and
  - (viii) perform any other duties as are imposed by these Rules or the Association on the Treasurer.
- (b) [With the approval of the Management Committee, the Treasurer may delegate the duties listed in Rule 11.6\(a\) to the Executive Officer for the Association.](#)

#### 11.7 Record of Office Holders

- (a) The Secretary or a person authorised by the Management Committee from time to time must maintain a record of office holders.
- (b) The record of office holders must include:
  - (i) the full name of each Office Holder;
  - (ii) the office held and the dates of appointment and (if applicable) cessation of the appointment; and
  - (iii) a current contact postal, residential or email address of each Office Holder.
- (c) The record of office holders must be kept and maintained at the Secretary's place of residence, or at such other place as the Management Committee decides.

#### 11.8 Inspecting the Record of Office Holders

- (a) Any Member, or a person appointed by a Member under Rule 6.3(a), is able to inspect the record of Office Holders free of charge, at such time and place as is mutually convenient to the Association and the Member.
- (b) The Member may make a copy of details from the record of Office Holders but has no right to remove the record for that purpose.

### 12. APPOINTING MANAGEMENT COMMITTEE MEMBERS

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#### 12.1 Appointment to the Management Committee

- (a) Management Committee Members (except for the Chairperson) are appointed to the Management Committee by:
  - (i) election at an Annual General Meeting; or
  - (ii) appointment to fill a casual vacancy under Rule 13.1(b).
- (b) The Chairperson:
  - (i) is appointed by the Management Committee under Rule 3.2;
  - (ii) must satisfy Rule 10.2(h).

## 12.2 Nominating for Membership of the Management Committee

- (a) The Secretary must send a notice calling for nominations for election to the Management Committee and specifying the date for the close of nominations, to all General Members at least twenty one (21) days before the date on which the Annual General Meeting is to be held.
- (b) Nominations for election to the Management Committee shall close not less than seven (7) days before the Annual General Meeting.
- (c) The nomination for election must be in the prescribed form:
  - (i) in writing;
  - (ii) signed by the nominator (or the nominator's representative appointed pursuant to Rule 6.3), and the nominee to signify their willingness to stand for election; and
  - (iii) delivered in person, by facsimile transmission, email or post to the Secretary on or before the date for the close of nominations.
- (d) If a nomination for election to the Management Committee is not made in accordance with Rules 12.2(c) the nomination is to be deemed invalid and the Member will not be eligible for election unless Rule 12.3(c) applies.

## 12.3 Electing Management Committee Members

- (a) If the number of valid nominations received under Rule 12.2 is equal or less than to the number of vacancies to be filled for the relevant position on the Management Committee, the Member nominated shall be deemed to be elected at the Annual General Meeting.
- (b) If the number of valid nominations exceeds the number of vacancies to be filled for the relevant position on the Management Committee, elections for the positions must be conducted at the Annual General Meeting.
- (c) If there are not enough valid nominations to fill the number of vacancies for the relevant positions on the Management Committee, the candidates nominated are (if any) deemed to be elected and further nominations may be received from the floor of the Annual General Meeting.
- (d) A General Member who is eligible for election or re-election may have another General Member nominate him or her from the floor for election or re-election.
- (e) Where the number of nominations from the floor exceeds the remaining number of vacancies on the Management Committee, elections for those positions must be conducted.
- (f) If an insufficient number of nominations are received from the floor for the number of vacancies on the Management Committee that remain, each position on the Management Committee for which there is no nomination is declared vacant by the person presiding at the Annual General Meeting and Rule 13.1(b) applies.
- (g) The elections for Office Holders or ordinary Management Committee Members are to be conducted at the Annual General Meeting in the manner directed by the Management Committee.

- (h) A list of candidates, names in alphabetical order, with the names of the Members who nominated each candidate, must accompany the notice of the Annual General Meeting.

#### 12.4 Voting in Elections for Membership of the Management Committee

- (a) Subject to Rule 19.3(d), each Member (who is a natural person, or a person representing a Member under Rule 6.3(a)) present in person, or present through the use of technology under Rule 17.1(a)(ii), and eligible to cast a vote at the Annual General Meeting may vote for one candidate for each vacant position on the Management Committee.
- (b) A Member who nominates for election or re-election may vote for himself or herself.
- (c) Elections for a position on the Management Committee at the Annual General Meeting shall be conducted by secret ballot. If any candidates receive an equal number of votes, the successful candidate shall be determined by a second or further ballots between the candidates with the equal number of votes until a clear winner is determined.

#### 12.5 Term of Office of Management Committee Members

- (a) At each Annual General Meeting of the Association, the appointment of:
- (i) the Deputy Chairperson, Secretary, and Treasurer shall be elected for a term of one (1) year; and
  - (ii) the remaining Management Committee Member or Members to be appointed at the Annual General Meeting shall be elected for a term of one (1) year.
- (b) A Management Committee Member's term will commence on the date of:
- (i) election at an Annual General Meeting; or
  - (ii) appointment to fill a casual vacancy that arises under Rule 13.1(b); or
  - (iii) in the case of an independent Chairperson appointed by the Management Committee under Rule 3.2, the date of such appointment.
- (c) Subject to Rule 12.5(d) aAll retiring Management Committee Members are eligible, on nomination under Rule 12.2, for re-election.
- (d) Effective from the date of the 2023 AGM, subject to Rule 12.5 (e), Management Committee Member terms in aggregate are to be no longer than nine (9) years. The time served on the Management Committee prior to the date of the 2023 AGM does not count towards the nine (9) years.
- (e)(e) The Management Committee will ensure that succession planning for Management Committee Member terms is undertaken and reviewed regularly to ensure an orderly transition of Management Committee roles.

### 13. CEASING TO BE A MEMBER OF THE MANAGEMENT COMMITTEE

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#### 13.1 Vacant Positions on the Management Committee

- (a) A casual vacancy occurs in the office of a Management Committee Member and that office becomes vacant if the Management Committee Member:
- (i) dies;
  - (ii) ceases to be a Member;
  - (iii) becomes disqualified from holding a position under Rule 10.2 (f) or (g) as a result of bankruptcy or conviction of a relevant criminal offence;
  - (iv) becomes permanently incapacitated by mental or physical ill-health;
  - (v) resigns from office under Rule 13.2;
  - (vi) is removed from office under Rule 13.3;
  - ~~(vi)~~(vii) becomes prohibited or disqualified from being a responsible entity by the ACNC Commissioner under the ACNC Act; or
  - ~~(vii)~~(viii) is absent from more than:
    - (A) three (3) consecutive Management Committee Meetings without leave of absence that has been granted by the Management Committee; or
    - (B) three (3) Management Committee Meetings in the same Financial Year without tendering an apology to the person presiding at each of those Management Committee Meetings, where the Management Committee Member received notice of the meetings, and the Management Committee has resolved to declare the office vacant.
- (b) If a position on the Management Committee is declared vacant under Rule 12.3(f), or there is a casual vacancy within the meaning of Rule 13.1(a), the continuing Management Committee Members may:
- (i) appoint a Member to fill that vacancy until the conclusion of the next Annual General Meeting; and
  - (ii) subject to Rule 13.1(c), act despite the vacant position on the Management Committee.
- (c) If the number of Management Committee Members is less than the number fixed under Rule 1.4 as the quorum for Management Committee Meetings, the continuing Management Committee Members may act only to:
- (i) increase the number of Members on the Management Committee to the number required for a quorum; or
  - (ii) convene a General Meeting of the Association.
- (d) Where a Management Committee Member is a General Member that is a local government, body corporate or incorporated association which has appointed a person under Rule 6.3(a):



- (i) the General Member that is a local government, body corporate or incorporated association that appointed that person may give written notice to the Secretary that such person has ceased to be the General Member's appointed representative, and nominate a replacement person as appointed representative; and
- (ii) upon service of that notice the person who has ceased to be the representative shall cease to be the Management Committee Member, and the replacement person shall become the Management Committee Member, for that General Member.

### 13.2 Resigning from the Management Committee

- (a) A Management Committee Member may resign from the Management Committee by giving written notice of resignation to the Secretary, or if the Management Committee Member is the Secretary, to the Chairperson.
- (b) The Management Committee Member resigns:
  - (i) at the time the notice is received by the Secretary or Chairperson under Rule 13.2(a); or
  - (ii) if a later time is stated in the notice, at the later time.

### 13.3 Removal from the Management Committee

- (a) A Management Committee Member may only be removed from the Management Committee pursuant to Rule 13.1(a)(vi) by a resolution at a General Meeting of the Association.
- (b) The Management Committee Member who faces removal from the Management Committee must be given a full and fair opportunity at the General Meeting to decide the proposed resolution, to state his or her case as to why the Member should not be removed from his or her position on the Management Committee.
- (c) If all Management Committee Members are removed by resolution at a General Meeting, the Members must, at the same General Meeting, elect an interim Management Committee. The interim Management Committee must, within two months, convene a General Meeting of the Association for the purpose of electing a new Management Committee.

## 14. MANAGEMENT COMMITTEE MEETINGS

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### 14.1 Meetings of the Management Committee

- (a) The Management Committee must meet at least ~~four~~six (46) times in each year..
- (b) The Management Committee is to determine the place and time of all Management Committee Meetings.
- (c) Meetings of the Management Committee may be convened under Rule 14.2 by:
  - (i) the Chairperson; or
  - (ii) any two Management Committee Members.

**14.2 Notice of Management Committee Meetings**

- (a) The Secretary must give each Management Committee Member at least 48 hours' notice of each Management Committee Meeting before the time appointed for holding the meeting.
- (b) Notice of a Management Committee Meeting must specify the general nature of the business to be transacted at the meeting.
- (c) Subject to Rule 14.2(d), only the business specified on the notice of the Management Committee Meeting is to be conducted at that meeting.
- (d) Urgent business may be conducted at Management Committee Meetings if the Management Committee Members present at a Management Committee Meeting unanimously agree to treat the business as urgent.

**14.3 Chairing at Management Committee Meetings**

- (a) The Chairperson or, in the Chairperson's absence, the Deputy-Chairperson is to preside as the chair of each Management Committee Meeting.
- (b) If the Chairperson and the Deputy-Chairperson are absent or unwilling to act, the remaining Management Committee Members must choose one of their number to preside as the chair of that Management Committee Meeting.

**14.4 Procedure of the Management Committee Meeting**

- (a) The quorum for a Management Committee Meeting is specified at Rule 1.4. The Management Committee cannot conduct business unless a quorum is present.
- (b) If, within half an hour of the time appointed for the meeting, a quorum is not present the meeting is to stand adjourned to the same time, day and place in the following week.
- (c) If at a meeting adjourned under Rule 14.4(b), a quorum is not present within half an hour of the time appointed for the meeting, the Management Committee Members personally present will constitute a quorum.
- (d) Management Committee Meetings may take place:
  - (i) where the Management Committee Members are physically present together; or
  - (ii) where the Management Committee Members are able to communicate by using any technology that reasonably allows, at the discretion of the person who is the chair of that meeting or a majority of those Management Committee Members physically present, the Management Committee Member to participate fully in discussions as they happen in the Management Committee Meeting and in making decisions, provided that the participation of each Management Committee Member in the Management Committee Meeting must be made known to all other Management Committee Members.
- (e) A Management Committee Member who participates in a meeting as set out in Rule 14.4(d)(ii):
  - (i) is deemed to be present at the Management Committee Meeting; and

- (ii) continues to be present at the meeting for the purposes of establishing a quorum,

until the Management Committee Member notifies the other Management Committee Members that he or she is no longer taking part in the Management Committee Meeting.

- (f) Subject to these Rules, the Management Committee Members present at the Management Committee Meeting are to determine the procedure and order of business to be followed at a Management Committee Meeting.
- (g) Subject to Rule 14.5, all Management Committee Members have the right to attend and vote at Management Committee Meetings.
- (h) All Members, or other guests, may attend Management Committee Meetings if invited by the Management Committee but the person shall not have any right to comment without invitation, or any right to vote.
- (i) The Secretary or a person authorised by the Management Committee from time to time must keep minutes of the resolutions and proceedings of all Management Committee Meetings together with a record of the names of persons present at each meeting.

#### **14.5 Voting at Management Committee Meetings**

- (a) Each Management Committee Member (except the person appointed to chair the meeting) present at a Management Committee Meeting has a deliberative vote.
- (b) A question arising at a Management Committee Meeting is to be decided by a majority of votes, but if there is an equality of votes, the person appointed to chair the Management Committee Meeting as set out in Rule 14.3 is entitled to exercise a casting vote.
- (c) Decisions may be made by general agreement or a show of hands.
- (d) A poll by secret ballot must be used if requested by any one Management Committee Member who requires a matter to be determined in this way and the person presiding as chair of the Management Committee Meeting will oversee the ballot.

#### **14.6 Acts not Affected by Defects or Disqualifications**

Any act performed by the Management Committee, a sub-committee or a person acting as a Management Committee Member is deemed to be valid even if the act was performed when:

- (a) there was a defect in the appointment of a Management Committee Member, sub-committee or person holding a subsidiary office; or
- (b) a Management Committee Member, a sub-committee member or a person holding a subsidiary office was disqualified from being a Member.

#### **14.7 Unanimous Resolutions Without Meeting**

- (a) A resolution signed by all members of the Management Committee and delivered to the Secretary shall have the same effect as if passed at a Management Committee Meeting.

- (b) A resolution pursuant to Rule 14.7 may be executed in any number of counterparts (whether in original or a copy transmitted by facsimile or pdf document transmitted by email), all of which taken together constitute one and the same document, and the resolution will be deemed to be made at the time the last resolution document signed by a Management Committee Member is received by the Secretary.

## **15. REMUNERATION OF MANAGEMENT COMMITTEE MEMBERS**

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Subject to Rule 3.2(a) and 4(c), a Management Committee Member must not receive any remuneration for their services as a Management Committee Member.

## **16. SUB-COMMITTEES AND DELEGATION**

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### **16.1 Appointment of Sub-Committee**

- (a) The Management Committee may appoint (or may cancel) one or more sub-committees as considered appropriate by the Management Committee from time to time to assist with the conduct of the Association's operations, or to examine or report on any matter.
- (b) Sub-committees may comprise (in such numbers as the Management Committee determines) Members and non-members.
- (c) Subject to these Rules, the sub-committee members present at the sub-committee meeting are to determine the procedure and order of business to be followed at the sub-committee meeting.
- (d) The sub-committee shall remain responsible to, and must follow any directions of, the Management Committee at all times.

### **16.2 Delegation by Management Committee to Sub-Committee**

- (a) The Management Committee may delegate, in writing, to any or all of the sub-committees, any authority, power or functions and may cancel any authority, powers or functions, as the Management Committee sees fit from time to time.
- (b) Despite any delegation under this Rule, the Management Committee may continue to exercise all its functions, including any function that has been delegated to a sub-committee and remains responsible for the exercise of those functions at all times.

### **16.3 Delegation to Subsidiary Offices**

- (a) The Management Committee may create and fill such subsidiary office as may be necessary for the proper and efficient management of the Association's affairs.
- (b) The Management Committee may delegate, in writing, to any person holding a subsidiary office any authority, power or functions and may cancel any authority, powers or functions, as the Management Committee sees fit from time to time.
- (c) Despite any delegation under this Rule, the Management Committee may continue to exercise all its functions, including any function that has been delegated to a subsidiary office and remains responsible for the exercise of those functions at all times.

## 17. GENERAL MEETINGS

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### 17.1 Procedure for General Meetings

- (a) General Meetings may take place where the Members (being a natural person or represented by a person appointed under Rule 6.3(a)):
  - (i) are physically present together; or
  - (ii) where the Members are able to communicate by using any technology that reasonably allows the Member to participate fully in discussions as they happen in the General Meeting and in making any decisions, provided that:
    - (A) the use of technology is permitted either by the person presiding as chair of the meeting or by a resolution of those Members physically present; and
    - (B) the participation of the Member in the General Meeting must be made known to all other Members.
- (b) A Member who participates in a meeting as set out in Rule 17.1(a)(ii):
  - (i) is deemed to be present at the General Meeting; and
  - (ii) continues to be present at the General Meeting for the purposes of establishing a quorum,until the Member notifies the other Members that he or she is no longer taking part in the General Meeting.

### 17.2 Quorum for General Meetings

- (a) The Quorum for General Meetings is specified in Rule 1.4.
- (b) Subject to Rules 17.2(c) and (d), no business is to be conducted at a General Meeting unless a quorum of Members entitled to vote under these Rules is present at the time when the meeting is considering that item.
- (c) If, within thirty (30) minutes of the time appointed for the commencement of a General Meeting, a quorum is not present:
  - (i) in the case of a Special General Meeting, the meeting is to stand adjourned to:
    - (A) a place, date, and time as determined by the Management Committee; and
    - (B) the Secretary must give notice of the adjourned Special General Meeting in the same or substantially the same manner as General Meetings are convened;
  - (ii) in the case of an Annual General Meeting, the meeting is to stand adjourned to:
    - (A) the same time and day in the following week; and
    - (B) the same place unless another place is specified by the person acting as the chair of that Annual General Meeting at the

time of the adjournment or by written notice to the Members given before the day to which the meeting is adjourned.

- (d) If at the adjourned meeting a quorum is not present within thirty (30) minutes of the time appointed for the commencement of the meeting, the Members present in person, or present through the use of technology under Rule 17.1(a)(ii), and eligible to cast a vote at the meeting are to constitute a quorum.

### **17.3 Notice of General Meetings and Motions**

- (a) The Secretary must give at least:
  - (i) 21 days' notice of a General Meeting to each Member, or
  - (ii) 21 days' notice of a General Meeting to each Member if a Special Resolution is proposed to be moved at the General Meeting.
- (b) The notice convening a General Meeting must specify:
  - (i) the place, date and time of the meeting; and
  - (ii) the particulars and order of the business to be conducted at the meeting.
- (c) The notice convening a General Meeting or any notice of motion must be issued in the manner prescribed by Rule 2.3.

### **17.4 Presiding Member**

- (a) The Chairperson, or in the Chairperson's absence the Deputy-Chairperson, is to preside as chair of each General Meeting.
- (b) If the Chairperson and the Deputy-Chairperson are absent or unwilling to act, the remaining Management Committee Members must choose one of their number to preside as chair of the General Meeting.

### **17.5 Adjournment of General Meetings**

- (a) The person presiding over a General Meeting, at which a quorum is present, may adjourn the meetings from time to time and place to place with the consent of a majority of Members present in person, or present through the use of technology under Rule 17.1(a)(ii), and eligible to cast a vote at the meeting.
- (b) No business is to be conducted at an adjourned meeting other than the unfinished business from the meeting that was adjourned.
- (c) When a General Meeting is adjourned for 14 days or more, the Secretary must give notice of the adjourned meeting in accordance with Rules 23 and 17.3 as if that General Meeting was a new General Meeting.

## **18. SPECIAL GENERAL MEETINGS**

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### **18.1 Special General Meeting**

- (a) The Management Committee may at any time convene a Special General Meeting of the Association.

- (b) The Secretary must issue a notice to convene a Special General Meeting of the Association within 28 days after receiving a written request to do so from at least 20 per cent of the total number of General Members.

### 18.2 Request for Special General Meeting

A request by the General Members for a Special General Meeting must:

- (a) state the purpose of the meeting;
- (b) be signed by the required number of General Members making the request as specified in Rule 18.1(b); and
- (c) be lodged with the Secretary.

### 18.3 Failure to Convene Special General Meeting

- (a) If the Secretary fails to convene a Special General Meeting within the 28 days referred to in Rule 18.1(b), the General Members who made the request may convene a Special General Meeting within 3 months after the original request was lodged as if the Members were the Management Committee.
- (b) A Special General Meeting must be convened in the same or substantially the same manner as General Meetings are convened by the Management Committee and the Association must pay the reasonable expenses of convening and holding the Special General Meeting.

## 19. MAKING DECISIONS AT GENERAL MEETINGS

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### 19.1 Special Resolutions

- (a) A Special Resolution must be moved at a General Meeting where notice of the Special Resolution has been given under Rule 19.1(c).
- (b) A Special Resolution of the Association is required to:
  - (i) amend the name of the Association;
  - (ii) amend the Rules, under Rule 24.2;
  - (iii) affiliate the Association with another body;
  - (iv) transfer the incorporation of the Association;
  - (v) amalgamate the Association with one or more other incorporated associations;
  - (vi) voluntarily wind up the Association;
  - (vii) cancel incorporation; ~~or~~
  - ~~(viii)~~ request that a statutory manager be appointed; ~~or-~~
  - ~~(ix)~~ sell, transfer or otherwise dispose of any land owned by the Association.
- (c) Notice of a Special Resolution must:
  - (i) be in writing;

- (ii) include the place, date and time of the meeting;
  - (iii) include the intention to propose a Special Resolution;
  - (iv) set out the wording of the proposed Special Resolution; and
  - (v) be given in accordance with Rule 2.3.
- (d) If notice is not given in accordance with Rule 19.1(c), the Special Resolution will have no effect.
- (e) A Special Resolution must be passed at a General Meeting at which there is a quorum and be supported by the votes of not less than three-fourths of the Members present in person, or present through the use of technology under Rule 17.1(a)(ii), and eligible to cast a vote at the meeting.

## **19.2 Ordinary Resolutions**

Subject to these Rules, a majority of votes will determine an Ordinary Resolution.

## **19.3 Voting at meetings**

- (a) Subject to these Rules, each General Member has one vote at a General Meeting of the Association.
- (b) A person casts a vote at a meeting either by:
- (i) voting at the meeting either in person; or
  - (ii) through the use of technology under Rule 17.1(a)(ii).
- (c) In the case of an equality of votes at a General Meeting, the person acting as chair of the meeting is entitled to exercise a second or casting vote.
- (d) A Member is only entitled to vote at a General Meeting if the Member's name is recorded in the Register (and where required has appointed a person under Rule 6.3(a)), as at the date the notice of the General Meeting was sent out under Rule 17.3.

## **19.4 Manner of Determining Whether Resolution Carried**

- (a) Unless a Poll is demanded under Rule 19.5, if a question arising at a General Meeting of the Association is determined by general agreement or a show of hands, a declaration must be made by the person acting as chair of the General Meeting that the resolution has been:
- (i) carried unanimously;
  - (ii) carried by a particular majority; or
  - (iii) lost.
- (b) If the declaration relates to a Special Resolution, then subject to Rule 19.1(c), the declaration should state that a Special Resolution has been determined.
- (c) The declaration made under Rule 19.4(a) must be entered into the minute book of the Association.



- (d) The entry in the minute book of the Association under Rule 19.4(c) is evidence of the fact that the resolution has been determined, without proof of the number or proportion of the votes recorded in favour of or against that resolution.

#### **19.5 Poll at General Meetings**

- (a) At a General Meeting, a Poll on any question may be demanded by either:
- (i) the person acting as chair of the meeting; or
  - (ii) at least three Members of the Members present in person, or present through the use of technology under Rule 17.1(a)(ii), and eligible to cast a vote at the meeting.
- (b) If a Poll is demanded at a General Meeting, the Poll must be taken in a manner as the person acting as chair of the meeting directs and a declaration by the person acting as chair of the result of the Poll is evidence of the matter so declared.
- (c) If a Poll is demanded at a General Meeting, the Poll must be taken:
- (i) immediately in the case of a Poll which relates to electing a person to preside over the meeting;
  - (ii) immediately in the case of a Poll which relates to adjourning the meeting; or
  - (iii) in any other case, in the manner and time before the close of the meeting as the person acting as chair directs.

#### **20. MINUTES OF MEETINGS**

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- (a) The Secretary or a person authorised by the Management Committee from time to time must keep minutes of the resolutions and proceedings of all General Meetings and Management Committee Meetings together with a record of the names of persons present at each meeting. The minutes are to be taken and then to be entered within 30 days after the holding of each meeting, into a minute book kept for that purpose.
- (b) The Chairperson must ensure that the minutes of a General Meeting or Management Committee Meeting under Rule 20(a) are reviewed and signed as correct by:
- (i) the person acting as chair of the General Meeting or Management Committee Meeting to which those minutes relate; or
  - (ii) the person acting as chair of the next succeeding General Meeting or Management Committee Meeting.
- (c) When minutes have been entered and signed as correct under this Rule, they are, until the contrary is proved, evidence that:
- (i) the General Meeting or Management Committee Meeting to which they relate was duly convened and held;
  - (ii) all proceedings recorded as having taken place at the General Meeting or Management Committee Meeting did in fact take place at the meeting; and

- (iii) all appointments or elections purporting to have been made at the meeting have been validly made.
- (d) The minutes of General Meetings may be inspected by a Member under Rule 27.2.
- (e) The minutes of Management Committee Meetings may be inspected by a Member under Rule 27.2 unless the Management Committee determines that the minutes of Management Committee Meetings generally, or the minutes of a specific Management Committee Meeting are not to be available for inspection.

## **21. FUNDS AND ACCOUNTS**

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### **21.1 Control of Funds**

- (a) The funds of the Association must be kept in an account in the name of the Association in a financial institution determined by the Management Committee.
- (b) The funds of the Association are to be used in pursuance of the objects of the Association.
- (c) The Treasurer shall open and operate and maintain bank accounts in the name of the Association and shall have all moneys received by the Association deposited into such an account.
- (d) The Treasurer may open accounts with any financial institution in the name of the Association for the investment of Association moneys received into an Association bank account.
- (e) Payments from an Association account with any bank or other financial institution shall only be made if authorised by both:
  - (i) the Treasurer or in the Treasurer's absence by a duly authorised Management Committee Member; and
- (f) another duly authorised Management Committee Member. All expenditure above the maximum amount set by the Management Committee from time to time must be approved or ratified at a Management Committee Meeting.

### **21.2 Source of Association Funds**

- (a) The funds of the Association may be derived from a levy of Members, donations, State or Commonwealth grants, interest, and any other sources approved by the Management Committee.
- (b) The Association must, as soon as practicable:
  - (i) deposit all money received by the Association, to the credit of the Association's bank account, without deduction; and
  - (ii) after receiving any money, issue an appropriate receipt.

### **21.3 Financial Records**

- (a) The Association must keep Financial Records that:
  - (i) correctly record and explain its transactions, financial position and performance; and

- (ii) enable true and fair financial statements to be prepared in accordance with Part 5 of the Act.
- (b) The Association must retain its Financial Records for at least 7 years after the transactions covered by the records are completed.

#### **21.4 Financial Reports**

- (a) For each financial year, the Association must ensure that the requirements under Part 5 of the Act are met.
- (b) Without limiting Rule 21.4(a), those requirements include—
  - (i) the preparation of a Financial Report;
  - (ii) an audit of the Financial Report; and
  - (iii) the presentation of the Financial Report to the Annual General Meeting (and a copy of the auditor's report); and
  - (iv) if required by the regulations made under the Act, the lodgement of the annual return with the Commissioner.

#### **21.5 Audit of the Financial Report**

The Association must ensure that an audit is undertaken of the Financial Report of the Association.

### **22. FINANCIAL YEAR OF THE ASSOCIATION**

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The financial year of the Association is the period of 12 months commencing on 1 July and ending on 30 June.

### **23. ANNUAL GENERAL MEETINGS**

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#### **23.1 Annual General Meeting**

- (a) Subject to Rule 23.1(b), the Association must convene an Annual General Meeting each calendar year:
  - (i) within 6 months after the end of the Association's Financial Year; or
  - (ii) within a longer period as the Commissioner may allow.
- (b) If the Association requires the approval from the Commissioner to hold its Annual General Meeting within a longer period under Rule 23.1(a)(ii), the Secretary must apply to the Commissioner no later than four months after the end of the Association's Financial Year.

#### **23.2 Notice of Annual General Meeting**

The notice convening an Annual General Meeting must specify that it is the Annual General Meeting of the Association and otherwise must comply with Rules 2.3 and 17.3 (as applicable).

### **23.3 Business to be Conducted at Annual General Meeting**

- (a) Subject to Rule 23.1, the Annual General Meeting of the Association is to be convened on a date, time and place as the Management Committee decides.
- (b) At each Annual General Meeting of the Association, the business of the Annual General Meeting shall include in this order:
  - (i) confirmation of the minutes of the last preceding Annual General Meeting and of any Special General Meeting held since that meeting if the minutes of that Special General Meeting have not yet been confirmed;
  - (ii) the Chairperson's report;
  - (iii) the Treasurer's report;
  - (iv) the Association, must present the Financial Report of the Association for the preceding Financial Year;
  - (v) if applicable, appoint or remove an auditor in accordance with the Act;
  - (vi) present a copy of the auditor's report to the Association;
  - (vii) the election of the Office Holders and ordinary Management Committee Members whose terms expire;
  - (viii) special business of which notice is given; and
  - (ix) general business.

## **24. RULES OF THE ASSOCIATION**

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### **24.1 Rules of the Association**

- (a) These Rules bind every Member and the Association and each Member agrees to comply with these Rules.
- (b) The Association must provide, free of charge, a copy of the Rules in force, at the time membership commences, to each person who becomes a Member under Rule 5.5.
- (c) The Association must keep a current copy of the Rules.

### **24.2 Amendment of Rules, Name and Objects**

- (a) The Association may only alter, rescind or add to these Rules by Special Resolution at a General Meeting.
- (b) When a Special Resolution amending the Rules is passed, the required documents must be lodged with the Commissioner within:
  - (i) one month after the Special Resolution is passed; or
  - (ii) a longer period as the Commissioner may allow.
- (c) Subject to Rule 24.2(d), an amendment to the Rules does not take effect until the required documents are lodged with the Commissioner under Rule 24.2(b).
- (d) An amendment to the Rules that changes or has the effect of changing:

- (i) the name of the Association; or
- (ii) the objects or purposes of the Association,

does not take effect until the required documents are lodged with the Commissioner under Rule 24.2(b) and the approval of the Commissioner is given in writing.

- (e) The Association must in writing notify the Australian Tax Office of any alterations to the Rules.

## **25. BY-LAWS OF THE ASSOCIATION**

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- (a) The Members of the Association may make, amend and repeal by-laws for the management of the Association by Ordinary Resolution at a General Meeting provided that the by-laws are not inconsistent with the Rules or the Act.
- (b) The by-laws made under Rule 25(a):
  - (i) do not form part of the Rules;
  - (ii) may make provision for:
    - (A) rights and obligations that apply to each class of membership;
    - (B) requirements for financial reporting, financial accountability or audit of accounts in addition to those prescribed by the Act and the Rules;
    - (C) restrictions on the powers of the Management Committee including the power to dispose of assets; and
    - (D) any other matter that the Association considers necessary or appropriate; and
  - (iii) must be available for inspection by Members.

## **26. AUTHORITY REQUIRED TO BIND ASSOCIATION**

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### **26.1 Executing Documents**

The Association may execute a document without using a common seal if the document is signed by:

- (a) any two Management Committee Members; or
- (b) one Management Committee Member and a person authorised by the Management Committee.

### **26.2 Use of the Common Seal**

- (a) If the Association has a common seal on which its corporate name appears in legible characters:
  - (i) the Secretary or any other person as the Management Committee from time to time decides must provide for its safe custody; and
  - (ii) it must only be used under resolution of the Management Committee.

- (b) The Association executes a document with its common seal, if the fixing of the seal is done:
  - (i) under resolution of the Management Committee; and
  - (ii) witnessed by any two of the Chairperson, the Deputy Chairperson, or the Secretary.
- (c) Every use of the common seal must be recorded in the Management Committee's minute book.

## **27. THE ASSOCIATION'S BOOKS AND RECORDS**

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### **27.1 Custody of the Books of the Association**

- (a) Except as otherwise decided by the Management Committee from time to time, the Secretary must keep in his or her custody or under his or her control all of the Books of the Association with the exception of including the Financial Records, which, except as otherwise directed by the Management Committee from time to time, are to be kept under the custody or control of the Treasurer.
- (b) The Books of the Association must be retained for at least 7 years.

### **27.2 Inspecting the Books of the Association**

- (a) Subject to these Rules, and in particular Rule 20(e), a Member is able to inspect the Books of the Association, with the exception of the Financial Records, free of charge at such time and place as is mutually convenient to the Association and the Member.
- (b) A Member must contact the Secretary to request to inspect the Books of the Association.
- (c) The Member may copy details from the Books of the Association but has no right to remove the Books of the Association for that purpose.

### **27.3 Prohibition on Use of Information in the Books of the Association**

A Member must not use or disclose information in the Books of the Association except for a purpose:

- (a) that is directly connected with the affairs of the Association; or
- (b) related to the provision of the information to the Commissioner in accordance with a requirement of the Act.

### **27.4 Returning the Books of the Association**

Outgoing Management Committee Members are responsible for transferring all relevant assets and Books of the Association to the new Management Committee within 14 days of ceasing to be a Management Committee Member.

## **28. RESOLVING DISPUTES**

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### **28.1 Disputes Arising under the Rules**

- (a) This Rule applies to:

- (i) disputes between Members; and
  - (ii) disputes between the Association and one or more Members that arise under the Rules or relate to the Rules of the Association.
- (b) In this Rule "Member" includes any former Member whose membership ceased not more than six months before the dispute occurred.
- (c) The parties to a dispute must attempt to resolve the dispute between themselves within 14 days of the dispute coming to the attention of each party.
- (d) If the parties are unable to resolve the dispute, any party to the dispute may refer the dispute to the Management Committee under Rule 28.2 or to mediation under Rule 28.3 by giving written notice to the Secretary and to the other parties specifying:
- (i) the parties to the dispute,
  - (ii) details of, the dispute, and
  - (iii) whether the dispute is referred to the Management Committee for determination or to mediation.

## **28.2 Determination by Management Committee**

If the dispute is referred to the Management Committee:

- (a) The Secretary must convene a Management Committee Meeting within 28 days after the Secretary receives notice of the dispute under Rule 28.1(d) for the Management Committee to determine the dispute.
- (b) At the Management Committee Meeting to determine the dispute, all parties to the dispute must be given a full and fair opportunity to state their respective cases orally, in writing or both.
- (c) The Secretary must inform the parties to the dispute of the Management Committee's decision and the reasons for the decision within 7 days after the Management Committee Meeting at which the dispute is determined.

## **28.3 Mediation**

If the dispute is referred to mediation:

- (a) The mediator must be:
  - (i) a person chosen by agreement between the parties; or
  - (ii) in the absence of agreement within 7 days of notice of the dispute under Rule 28.1(d):
    - (A) if the dispute is between a Member and another Member, then a person appointed by the Secretary; or
    - (B) if the Association, the Management Committee or a Management Committee Member are a party to the dispute then a person nominated by the Resolution Institute or its successor organisation, who accepts appointment as mediator.

- (b) A Member can be a mediator, but the mediator cannot be a Member who is a party to the dispute.
- (c) The parties to the dispute must acting reasonably and in good faith attempt to settle the dispute by mediation.
- (d) The parties are to exchange written statements of the issues that are in dispute between them and supply copies to the mediator at least 5 days before the mediation session.
- (e) Subject to any direction from the mediator regarding the procedure for the conduct of the mediation, the mediation will be conducted in accordance with the Mediation Rules of the Resolution Institute.
- (f) The costs of the mediation must be paid for equally by the parties to the dispute.
- (g) The mediator shall be independent of, and act fairly and impartially as between the parties. The Mediator shall assist the parties to negotiate between themselves a mutually acceptable resolution of the dispute.
- (h) Information provided by the parties in the course of the mediation is confidential and cannot be used in any other legal proceedings that may take place in relation to the dispute.

#### 28.4 Inability to Resolve Disputes

If a dispute cannot be resolved under the procedures set out in the Rules, any party to the dispute may apply to the State Administrative Tribunal to determine the dispute in accordance with the Act or otherwise at law.

#### 29. CANCELLATION AND DISTRIBUTION OF SURPLUS PROPERTY

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- (a) The Association may cease its activities and have its incorporation cancelled in accordance with the Act if the General Members, who are on the Register of Members and who are eligible to vote under the Rules, resolve by Special Resolution that the Association will:
  - (i) apply to the Commissioner for cancellation of its incorporation; or
  - (ii) appoint a liquidator to wind up its affairs.
- (b) The Association must be wound up under Rule 29(a)(ii) and Part 9 of the Act before cancellation can take place if it has outstanding debts or any other outstanding legal obligations, or is a party to any current legal proceedings.
- (c) On the cancellation of the incorporation or the winding up of the Association:
  - (i) all remaining Community Housing Assets are to be returned to the Housing Authority or transferred to another registered CHP in Western Australia; and
  - (ii) its Surplus Property must be distributed as determined by special resolution by reference to the persons mentioned in section 24(1) of the Act.
- (d) If, upon the cancellation of the incorporation or winding up of the Association, there remains, Surplus Property, the same must not be paid to or distributed among the Members or Management Committee Members of the Association but must be



transferred to one or more institutions, funds or authorities of the type set out in the Act which:

(i) have one or more objects similar to the Association Objects;

(ii) is a Registered Charity;

(iii) is a Deductible Gift Recipient; and

(iv) prohibit distribution of its income and property among its members and committee members (or other controlling body) to an extent at least as great as is imposed on the Association by Rule 4.

(e) If, upon the revocation of the Association's endorsement as a Deductible Gift Recipient, there remains, after satisfaction of all its debts and liabilities, any gifts, Contributions or money received because of such gifts or Contributions, the same must not be paid to, or distributed among, the Members or Management Committee Members of the Association, but must be transferred to one or more institutions, funds or authorities which:

(i) have one or more objects similar to the Association Objects;

(ii) is a Registered Charity;

(iii) is a Deductible Gift Recipient; and

(iv) prohibit distribution of its income and property among its members and committee members (or other controlling body) to an extent at least as great as is imposed on the Association by Rule 4.

(f) The identity of the institutions, funds or authorities referred to in Rules 29(c) and 29(e) must be decided by Special Resolution of the Members.

(g) Where gifts to an institution, fund or authority are deductible only if, among other things, the conditions set out in the relevant table item in subdivision 30-B of the ITAA97 are satisfied, a transfer under this rule must be made in accordance with those conditions.

~~(c) Upon cancellation of the Association the Surplus Property must only be distributed to one or more of the entities listed in clause 29(d) which:~~

~~(i) must have objects and purposes which are charitable at law and are similar to the objects and purposes of the Association; and~~

~~(ii) must have rules prohibiting the distribution of its assets and income to its members.~~

~~(d) Entities to which the Surplus Assets may be distributed pursuant to 29(c) must be either:~~

~~(i) an incorporated association under the Act;~~

~~(ii) a company limited by guarantee that is registered as mentioned in section 150 of the Corporations Act 2001 (Cwth); or~~

~~(iii) a co-operative registered under the Co-operatives Act 2009 that, at the time of the distribution, is a non-distributing co-operative as defined in that Act;~~

~~and the entity must comply with both clause 29(c)(i) and clause 29(c)(ii).~~

- (e) ~~If the Association is wound up or its endorsement as a deductible gift recipient is revoked (whichever occurs first), any surplus of the following assets shall be distributed or transferred to another organisation with similar object, which is charitable at law, to which income tax deductible gifts can be made:~~
- ~~(i) gifts of money or property for the principal purpose of the Association;~~
  - ~~(ii) contributions made in relation to an eligible fundraising event held for the principal purpose of the Association; and~~
  - ~~(iii) money received by the Association because of such gifts and contributions.~~

### **30. RESERVE POWERS OF THE FOUNDATION GENERAL MEMBERS**

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#### **30.1 Reserve Powers**

During the period of three (3) years (**Reserve Power Period**) immediately following the General Meeting at which this Constitution is adopted by the Association:

- (a) The Management Committee can only impose an annual levy or a discretionary levy on Members pursuant to Rule 9 if the amount of the levy is approved by a resolution of not less than seven (7) of the Foundation General Members. The resolution must be either:
  - (i) at a meeting of the Foundation General Members convened for that purpose by the Secretary or such other person authorised by the Management Committee from time to time; or
  - (ii) by written resolution of the Foundation General Members prepared and sent to all Foundation General Members for that purpose by the Secretary or such other person authorised by the Management Committee from time to time.
- (b) The Management Committee must include at least one (1) member that is a person nominated by a Foundation General Member pursuant to Rule 6.3.

#### **30.2 Expiry of Reserve Powers**

From the expiry of the Reserve Power Period this Rule 30 shall cease to apply.

#### **30.3 Review of Reserve Powers**

A review of the reserve powers of the Foundation General Members under Rule 30.1 shall be undertaken by the Management Committee within two years of the adoption of this Constitution. Any extension or amendment of the reserve powers of this Rule 30 can only be made pursuant to Rule 24.2.



## **Proposed Amendments to the CEACA Constitution Explanatory Memorandum**

### Changes arising from Management Committee meeting on 6 November 2023:

- Para 9.2(a) – remove reference to Rule 30.1(a) as that rule no longer applies. Rule 30.2 says that Rule 30 no longer applies after expiry of Reserve Power period (3 years from adoption of Constitution). Rule 30 is retained for historical reference purposes. Rule 30.2 makes it clear that Rule 30 no longer applies.
- Rule 9.2(f) – remove the word “immediately” because the future membership fee amounts may be unknown and therefore can’t be determined immediately.
- Management Committee (“MC”) to be able to set a maximum fee per annum for the 3-year period. Incorporated this into Rule 9.2(a).
- Rule 12.5 (e) - Maximum term – refer to succession planning as determined by the MC (to try to ensure don’t lose excessive MC members at the same time).

### Changes arising prior to the MC meeting on 6 November 2023:

The following proposed changes (1 to 11) to the Constitution were approved by the CEACA Management Committee on 29 May 2023.

These changes (1 to 11) were proposed after consultation with Jackson McDonald, Solicitors.

The proposed changes are as follows:

1. Vision of the Association (Paragraph 1.2)  
“ageing population” changed to “current and future population”.  
This change reflects the broader view of CEACA in relation to the needs of the Wheatbelt communities.

2. Objects and Purpose of Association (Paragraph 1.3)  
“aged” changed to “people in need including disadvantaged, aged and individuals with disabilities”.  
This change reflects the broader view of CEACA in relation to the needs of the Wheatbelt communities.
3. Definitions (Paragraph 2.1)  
Various changes to bring the Constitution in line with the current standard clauses of charitable entities in respect of ACNC and Taxation related matters.
4. Applying for Membership (Paragraph 5.4)  
Applicants to apply for a 3-year term.
5. Becoming a Member (Paragraph 5.6)  
“and terms of Membership” added to the paragraph heading.  
Membership terms to be 3-year terms.
6. Resigning as a Member (Paragraph 7.2)  
A Member which resigns is liable to pay the remaining Membership fees, if any, related to a 3-year term.
7. Annual Membership Levy (Paragraph 9.2)  
Annual membership levy to be paid annually or as otherwise determined by the Management Committee.  
A Member which resigns before the end of the 3-year term is immediately liable to pay the remaining Membership fees, if any, related to the 3-year term.
8. Secretary and Treasurer (Paragraphs 11.5 and 11.6)  
With the approval of the Management Committee, the Secretary and Treasurer may delegate their duties to the Executive Officer of the Association.
9. Special Resolutions (Paragraph 19.1)  
“sell transfer or otherwise dispose of any land owned by the Association” is added to the list of items requiring a special resolution (at least 75% approval of Members).
10. Cancellation and Distribution of Surplus Property (Paragraph 29)

Changes to the wording to comply with the requirements of ACNC and ATO requirements.

11. Generally

Proposed wording changes where appropriate to comply with the requirements of ACNC and ATO.

Recent changes identified as a part of the proposed application to become a Community Housing Provider (CHP):

12. Definition of “Community Housing Assets”, “Community Housing Provider” and “Registered” included in the list of definitions.

13. Provision for Community Housing Assets on a wind-up of CEACA to be transferred to the Housing Authority or to another CHP in Western Australia (Definitions in conjunction with Paragraph 29).

14. The Management Committee to meet at least six times per year (currently four times per year) (Paragraph 14.1).

15. A maximum term of nine (9) years for Management Committee Members from the date of the 2023 AGM, to mandate new members to the Management Committee after a reasonable amount of time (Paragraph 12.5).

16. Details of the Management Committee’s role in relation to oversight of the organisation and its operations (Paragraph 11.2(i)).

**Richard Marshall**

Executive Officer

11 December 2023

**16. Motions of which Previous Notice has been given**

Nil

**17. Questions by Members of which Due Notice has been given**

Nil

**18. Urgent Business Approved by the Person Presiding or by Decision**

**Voting Requirements**

Simple Majority

Absolute Majority

**Resolution**

**Moved:** Cr McKenzie                      **Seconded:** Cr Crook

**83321**                      **That Council accepts the Late Item, 18.1 Proposed Waiver of Swimming Pool Admission for the Remainder of the 2023/24 Season**


**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

## 18.1 Proposed Waiver of Swimming Pool Admission for the Remainder of the 2023/24 Season

*Cr Anderson, Cr Billing and Cr Van Der Merwe declared a Financial Interest in this Item.*

<h3>Community Services</h3> 	
Responsible Officer:	Codi Brindley-Mullen, Acting Chief Executive Officer
Author:	As above
Legislation:	<i>Local Government Act 1995 Local Government (Functions and General) Regulations 1996</i>
File Reference:	Nil
Disclosure of Interest:	Nil
Attachments:	Nil

### Purpose of Report



Executive Decision



Legislative Requirement

The purpose of this report is for Council to consider waiving the pool admission fees for the remainder of the 2023/24 swimming pool season.

### Background

An Elected Member has approached the Acting Chief Executive Officer (A/CEO) to investigate the potential of waiving fees for the remainder of the 2023/24 swimming pool season.

For this to be actioned, a decision of Council is required.

### Comment

It has been proposed that a number of factors are having a negative effect on members of the Merredin community currently. These include:

- rising cost of living;
- families and individuals experiencing financial hardship;
- recent essential services disruptions; and
- more frequent extreme weather events bringing warmer weather to the region.

Therefore, it is proposed that Council waive admission fees for the remainder of the 2023/24 pool season.

As we are three (3) months into the 2023/24 season, the waiver of admission will be for the remainder of the season being effective from Monday, 29 January, and including the months of February, and March 2024.

Consideration will need to be given to those community members who have already purchased season passes for the entire pool season. This could be either via a pro-rata reimbursement or by carrying passes over to the 24/25 season which would then have a financial implication on the 2024/25 Annual Budget.

Pro-rata reimbursement of 40% of the total season passes cost, will equate to \$6,030.

Once Council have made a decision, the Administration would need to contact affected members and provide the proposed option. Should Council opt to refund part of the season pass payment, each individual would need to be added to the Shire’s creditor system to allow the refund to be processed.

The current fees for pool admissions are as follows:

Admissions Adult (18 Years + )	\$4.50
Admission Children (5 to 17 Years Old)/ Seniors	\$3.50
Vacation Swim Lessons (Includes Parent Supervisor/ Spectator)	\$3.50
In Term Swimming Lessons (10 Day Pass)	\$28.00
Season Ticket - Children (Attending School)/Seniors	\$139.50
Season Ticket - Adult Single	\$241.50
Season Ticket - Family (2 Parents and 4 Children <=17 )	\$348.50
Season Ticket - Family (each additional child)	\$29.50
1/2 Season Pass - Family (Expires on 12th January)	\$241.50
Adult Multi Pass 10 Visits (Must be used in current season)	\$41.00
Child Multi Pass 10 Visits (Must be used in current season)	\$31.00
Family Multi Pass 10 Visits (Must be used in current season) 2 Adults, 4 Children (<=17)	\$155.00
Family Multi Pass 5 Visits (Must be used in current season) 2 Adults, 4 Children (<=17)	\$80.00
Monthly Pass – Adult	\$82.00
Monthly Pass – Child	\$63.00
Spectators	\$1.50
Children Under Five Years Old	Free

The below table represents pool income for the past five (5) years, including the year to date 2023/24 income:

SWIM AREAS – Admissions (Income)				
19/20	20/21	21/22	22/23	23/24
\$40,222.91	\$40,465.53	\$41,073.38	\$37,422.73	\$27,689.61

The current budgeted income for pool admissions for this season is \$35,000. This was a conservative figure, approximately \$5,000 less than a usual year and \$2,500 less than the previous financial year.

Should Council choose to waive pool admission fees for the remainder of the 2023/24 season, there would be a shortfall to the budgeted pool income of around \$8,000, which would then be compounded by any refunds offered. The total reduction in income would likely be around \$14,000.

It is proposed that to match the decrease to the Shire’s income, a number of Council expense accounts are to be decreased. Proposed budget amendments are represented in the table below.



GL/Job	Description	Current Budget	To date Expenditure/ Income	Variation Amount	Revised Budget	Remaining Budget	Reason
3110220 Income	SWIM AREAS – Admission Mun	\$35,000	\$27,689	(\$14,000)	\$21,000	N/A	Decrease in income, should Council waive pool fees for remainder of the season and reimburse 40% of season passes already purchased
2040104 Expenditure	MEMBERS – Training and Development Muni	\$45,000	\$15,719	\$6,000	\$39,000	\$23, 281	Cover lost income
2040186 Expenditure	MEMBERS – Expensed Minor Asset Purchases	\$8,000	\$0	\$5,000	\$3,000	\$3,000	Cover lost income
2040187 Expenditure	MEMBERS – Other Expenses	\$5,000	\$1,037	\$3,000	\$2,000	\$923	Cover lost income

Reimbursements will be processed through the Shire’s reimbursement account, with income journalled from the SWIM AREAS – Admission Mun to cover the reimbursement amounts.

The waiving of pool admission fees will assist community members to access our facility free of charge and allow them to focus on other costs of living. It provides a safe space for people of all ages and demographics to enjoy.

Free pool entry may also attract visitors from the wider region which may result in them spending the day in Merredin and enjoy what it has to offer.

**Policy Implications**

Nil

**Statutory Implications**

As outlined in the *Local Government Act 1995* and *Local Government (Functions and General) Regulations 1996*.

**Strategic Implications**

Ø Strategic Community Plan

- Theme: 1. Community & Culture
- Service Area Objective: 1.1 Events, Arts and Culture
  - 1.1.1 A community that is engaged in a variety of inclusive events, arts and other cultural activities which enrich their community experience and increase their sense of belonging
  - 1.4 Community Development

	1.4.2 An improved sense of belonging for our Njaki Njaki Nyoongar and wider Aboriginal community
Priorities and Strategies for Change:	Nil
Theme:	2. Economy and Growth
Service Area Objective:	2.1 Economic Development 2.1.1 Merredin is well known by those not local to the area, as a great place to live, work and visit
Priorities and Strategies for Change:	Nil

### Sustainability Implications

∅ Strategic Resource Plan

Nil

### Risk Implications

Risk implications will be mitigated by accepting the proposed budget amendments.

### Financial Implications

Predicted decrease in income could be up to \$14,000 (depending on how Council resolve to handle the season passes already purchased).

It is proposed that this shortfall will be covered by decreasing the following expenditure accounts:

- \$6,000 from GL 2040186 - MEMBERS – Expensed Minor Asset Purchases;
- \$5,000 from GL 2040104 - MEMBERS – Training & Development; and
- \$3,000 from GL 2040187 - MEMBERS – Other Expenses.

**Voting Requirements**

Simple Majority

Absolute Majority

**Resolution**

Moved: Cr

Seconded: Cr

That Council;

1. **WAIVE pool admission fees for the remainder of the 2023/24 swimming pool season;**
2. **ENDORSES the proposed budget amendments as listed in the table below:**

GL/Job	Description	Current Budget	To date Expenditure/ Income	Variation Amount	Revised Budget	Remaining Budget	Reason
3110220 Income	SWIM AREAS – Admission Mun	\$35,000	\$27,689	(\$14,000)	\$21,000	N/A	Decrease in income, should Council waive pool fees for remainder of the season and reimburse 40% of season passes already purchased
2040104 Expenditure	MEMBERS – Training and Development Muni	\$45,000	\$15,719	\$6,000	\$39,000	\$23,281	Cover lost income
2040186 Expenditure	MEMBERS – Expensed Minor Asset Purchases	\$8,000	\$0	\$5,000	\$3,000	\$3,000	Cover lost income
2040187 Expenditure	MEMBERS – Other Expenses	\$5,000	\$1,037	\$3,000	\$2,000	\$923	Cover lost income

3. **INSTRUCTS the Chief Executive Officer to contact the affected 2023/24 season pass holders regarding refunds; and**
4. **INSTRUCTS the Chief Executive Officer to advertise the waiver of pool admission fees for the remainder of the 2023/24 swimming pool season, effective from Monday, 29 January 2024.**

**CARRIED**

For:

Against:

*Due to the Item needing Absolute Majority and 3 disclosures of Financial Interest received, the Item was laid on the table.*

## 19. Matters Behind Closed Doors

In accordance with section 5.23 (2)(a)(b)(c)(e)(ii)(iii), of the *Local Government Act 1995* Council will go Behind Closed Doors to discuss these matters.

### Council Decision

**Moved:** Cr Van Der Merwe                      **Seconded:** Cr Crook

**83322**

**That Council move Behind Closed Doors and that Standing Orders be suspended at 4:32pm.**

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

### Reason

That matters related to a matter affecting an employee or employees, the personal affairs of any person, a contract entered into, or which may be entered into, by the local government and which relates to a matter to be discussed at the meeting, and a matter if disclosed, would reveal a trade secret, information that has a commercial value to a person, or information about the business, professional, commercial or financial affairs of a person.

*C Brindley-Mullen A/CEO, A Tawfik EMES, L Boehme EMCS, P Zenni EMDS and M Wyatt EO left the Chambers at 4:33pm.*

## 19.1 Recruitment of Chief Executive Officer – Appointment of Independent Panel Member

### Voting Requirements

Simple Majority

Absolute Majority

### Resolution

Moved: Cr Anderson

Seconded: Cr Billings

#### That Council:

83323

1. APPOINT the Candidate listed in the confidential Attachment 19.1A to act as the Independent Person on the Selection Panel for the recruitment of the Chief Executive Officer established at the Ordinary Council Meeting held on 11 December 2023;
2. NOTES that should the appointed person be required to withdraw after the appointment is offered, a further recommendation will be made to Council;
3. REMUNERATE the position as listed in the confidential Attachment 19.1A; and
4. NOTE that the position will lapse on the date that a successful candidate accepts the position of Chief Executive Officer.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

*C Brindley-Mullen A/CEO, A Tawfik EMES, L Boehme EMCS, M Wyatt EO returned to the Chambers at 4:43pm.*

*P Zenni EMDS returned to the Chambers at 4:45pm.*

## 19.2 Funding Agreement and Variation of Licence – Merredin Water Tower

### Voting Requirements

Simple Majority

Absolute Majority

### Resolution

Moved: Cr Crook

Seconded: Cr Van Der Merwe

That Council;

83324

1. AUTHORISE the Chief Executive Officer to finalise negotiations for the Funding Agreement and Variation of Licence L7465 between the Shire of Merredin and the Public Transport Authority of Western Australia, for the Merredin Water Tower Refurbishment; and
2. AUTHORISE the Shire President and Chief Executive Officer to apply the Shire of Merredin Common Seal to the Funding Agreement and Variation of Licence L7465 between the Shire of Merredin and the Public Transport Authority of Western Australia, for the Merredin Water Tower Refurbishment.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

### Council Resolution

Moved: Cr Van Der Merwe

Seconded: Cr Simmonds

83325

That Council return from Behind Closed Doors at 4:51pm, resume Standing Orders and that the resolutions being passed in the confidential session be confirmed in open meeting.

**CARRIED 6/0**

*For: Cr McKenzie, Cr Anderson, Cr Billing, Cr Crook, Cr Simmonds, Cr Van Der Merwe.*

*Against: Nil*

## 20. Closure

There being no further business, the President thanked those in attendance and declared the meeting closed at 4:51pm.

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