

Shire of Northam

Agenda

Ordinary Council Meeting

19 December 2018



NOTICE PAPER

Ordinary Council Meeting

19 December 2018

President and Councillors

I inform you that an Ordinary Council meeting will be held in the Council Chambers, located at 395 Fitzgerald Street, Northam on 19 December 2018 at 5:30pm.

There will be a Forum meeting held in the Council Chambers on 12 December 2018 at 5:30pm to discuss the contents of this agenda.

Yours faithfully



Jason Whiteaker
Chief Executive Officer



DISCLAIMER

This agenda has yet to be dealt with by the Council. The Recommendations shown at the foot of each item have yet to be considered by the Council and are not to be interpreted as being the position of the Council. The minutes of the meeting held to discuss this agenda should be read to ascertain the decision of the Council.

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1. DECLARATION OF OPENING

2. ATTENDANCE

Council:

Shire President
Deputy Shire President
Councillors

C R Antonio
M P Ryan
J E G Williams
C L Davidson
R W Tinetti
S B Pollard
A J Mencshelyi
T M Little
C P Della

Staff:

Chief Executive Officer	J B Whiteaker
Executive Manager Engineering Services	C D Kleynhans
Executive Manager Development Services	C B Hunt
Executive Manager Community Services	R Rayson
Executive Assistant – CEO	A C Maxwell
Coordinator Governance / Administration	C F Greenough

2.1 APOLOGIES

Councillor	J Proud
Executive Manager Corporate Services	C Young

2.2 APPROVED LEAVE OF ABSENCE

Nil.

3. DISCLOSURE OF INTERESTS

Item Name	Item No.	Name	Type of Interest	Nature of Interest

4. ANNOUNCEMENT BY THE PRESIDING MEMBER (WITHOUT DISCUSSION)

<u>Visitations and Consultations</u>	
22/11/18	Eco-Lifestyle Villages Northam Launch
23/11/18	Avon-Midland Zone Local Government Meeting – Wongan Hills
24/11/18	Rotary Auction - Northam
27/11/18	MMM Radio Interview, General - Northam
27/11/18	ABC Midwest Radio Interview, Co-working Space
28/11/18	WA Police Elders Forum - Northam
28/11/18	WALGA Executive Meeting - Northam
28/11/18	St Joseph's School 2018 Annual Presentation Night
30/11/18	MMM Radio Interview, Christmas on Fitzgerald's - Northam
30/11/18	Christmas on Fitzgerald's - Northam
01/12/18	Lions Community Markets - Northam
01/12/18	Artists Revolution David Lindsay Exhibit Official Opening Northam
01/12/18	Grass Valley Progress Association Christmas Party
03/12/18	AROC Meeting - Toodyay
05/12/18	International Volunteer Day event - Northam
05/12/18	Silver Wings Christmas Function - Wundowie
06/12/18	Local Emergency Management Committee Meeting - Northam
06/12/18	Northam Chamber of Commerce AGM
06/12/18	West Northam Primary School Graduation & Presentation Night
08/12/18	Northam Farmers Markets
08/12/18	Bakers Hill Christmas Fair
08/12/18	Northam Emergency Services Christmas Function
10/12/18	MMM Radio Interview
10/12/18	Northam Primary School Year 6 Leaver's Ceremony
10/12/18	Northam Rotary Club Christmas Function
11/12/18	Avonvale Primary School end of Year Celebration
11/12/18	Avon Valley Arts Society Christmas Function - Northam
13/12/18	Regional Capitals Alliance WA Meeting - Perth
13/12/18	Local Health Advisory Group Meeting - Northam
13/12/18	Bendigo Community Bank 2019 Calendar Launch - Toodyay
15/12/18	Southern Brook Community Christmas Party
<u>Upcoming Events</u>	
21/12/18	MMM Radio Interview, Christmas Message - Northam
23/12/18	Northam Farmers Markets
25/12/18	Christmas Day
26/12/18	Boxing Day

31/12/18	New Year's Eve
01/01/19	New Year's Day
05/01/19	Lions Community Markets - Northam
07/01/19	MMM Radio Interview, General - Northam
18/01/18	Meeting with Northam Chamber of Commerce
21/01/18	MMM Radio Interview, General - Northam

Other Matters:

Be Safe over the Festive Season

With the Christmas and New Year season approaching, all employers and employees need to take care and be safe. Enjoy yourselves, but be safe, and make sure you have an appointed "Skipper". We want to see everyone safe into the New Year.

Holding Meetings across the Entire Shire

At the recent November Ordinary Council Meeting, Councillors voted to continue holding regional meetings. This means that during 2019, both the Forum and Ordinary Council Meetings will be held at the Northam Shire Offices in Fitzgerald Street, and in Bakers Hill, Wundowie and Grass Valley.

Shire of Northam Burning Periods

Remember to remain bushfire ready. We are now in the prohibited burning period. This means that no burning is permitted within the Shire of Northam.

Shire of Northam Awards

Congratulations to all staff and volunteers involved with the Australian Event Awards, where the Shire of Northam achieved Gold (Winning) in the Category of Best Regional Event for the Northam Balloon Fiesta 2017.

Well done to the Shire of Northam for taking out Silver in the recent Perth Airport Western Australian Tourism Awards in the Category of Excellence in Local Government Tourism.

Strategic Matters:

Major Projects

The Tender for the Construction of the new Pool has been awarded. Construction will commence shortly, with the aim to have the new complex up and running by late 2019.

5. PUBLIC QUESTION/STATEMENT TIME

5.1 PUBLIC QUESTIONS

5.2 PUBLIC STATEMENTS

6. RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE

Nil.

7. RECEIVING OF PETITIONS, PRESENTATIONS AND DEPUTATIONS

7.1 PETITIONS

Nil.

7.2 PRESENTATIONS

Nil.

7.3 DEPUTATIONS

Nil.

8. APPLICATION FOR LEAVE OF ABSENCE

Nil.

9. CONFIRMATION OF MINUTES

9.1 ORDINARY COUNCIL MEETING HELD 21 NOVEMBER 2018

RECOMMENDATION

That the minutes of the Ordinary Council meeting held on Wednesday, 21 November 2018 be confirmed as a true and correct record of that meeting.

9.2 NOTES FROM THE COUNCIL FORUM MEETING HELD 12 DECEMBER 2018

RECOMMENDATION

That Council receive the notes from the Council Forum meeting held Wednesday, 12 December 2018.

9.3 NOTES FROM THE STRATEGIC COUNCIL MEETING HELD 26 NOVEMBER 2018

RECOMMENDATION

That Council receive the notes from the Strategic Council meeting held on Wednesday, 26 November 2018.

9.4 MINUTES FROM SPECIAL COUNCIL MEETING HELD 5 DECEMBER 2018

RECOMMENDATION

That Council receive the minutes from the Special Council meeting held on Wednesday, 5 December 2018.

10. ITEMS BROUGHT FORWARD FOR THE CONVENIENCE OF THOSE IN THE PUBLIC GALLERY

Nil.

11. REPORTS OF COMMITTEE MEETINGS

11.1 BUSH FIRE ADVISORY COMMITTEE MEETING HELD ON 27 NOVEMBER 2018

Receipt of Minutes:

RECOMMENDATION

That Council receive the minutes from the Bush Fire Advisory Committee meeting held on 27 November 2018.

Adoption of Recommendation:

RECOMMENDATION –

That Council

1. Note the Chief Bushfire Control Officer Report as provided.
2. Note the Deputy Chief Bushfire Control Officer Report as provided.
3. Note the Community Emergency Services Manager Report as provided.
4. Pay an annual honorarium of \$2,500 to the volunteer CBFCO & \$1,500 to the volunteer DCBFCO commencing in the 2018/19 Fire Season.
5. Endorse SOP16, SOP17 & **SOP18, and acknowledge that these SOP's will be included in the future Section 8 SOP's of the Bush Fire Manual, subject to;**
 - a. **Dot point 2 of SOP16, being amended to remove reference to 'a harvest ban shall be imposed'** and redrafted to reflect that the notification of the potential for a fire ban the following day is an advisory notice only and that a decision to impose a fire ban will be made on the day and necessary notification provided at that time.
 - b. Staff undertaking **a final review of the SOP's to ensure they align with** the bushfire manual and make any necessary adjustments to cause this to occur if it is not the case.
6. Notes the Risk to Resource Document (stages 1 and 2) as attached and refers it to a Bush Fire Advisory working group for further development.



Shire of Northam

Minutes

Bush Fire Advisory Committee

27 November 2018



Bush Fire Advisory Committee Meeting Minutes
27 November 2018



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27 November 2018



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27 November 2018



1. DECLARATION OF OPENING

Councillor Terry Little declared the meeting open at 5:32pm.

2. ATTENDANCE

Voting Committee:

Councillor – Shire of Northam	Terry Little
Chief Bush Fire Control Officer	Mathew Macqueen
Deputy Bush Fire Control Officer	Simon Peters
Inkpen Brigade	Nic Dewar
Bakers Hill Brigade	Steve Gray
Grass Valley Brigade	Sam Moss
Irishtown Brigade	Murray McGregor
Jennapullin Brigade	Brett Smith
Southern Brook Brigade	Paul Antonio
Wundowie Volunteer Fire and Rescue Service	Tyron McMahon
Northam Volunteer Fire and Rescue Service	Greg Montgomery

Representatives and Staff:

Chief Executive Officer	Jason Whiteaker
Executive Manager Development Services	Chadd Hunt
A/Community Emergency Service Manager	Brendon Rutter
A/Area Officer Upper Wheatbelt	Daniel Hendriksen
A/Executive Assistant to CEO	Jodi White

Gallery:

Bakers Hill Bush Fire Brigade	Kris Brown
Grass Valley Bush Fire Brigade	Chris Marris
Public	Matt Letch
	Michael Letch
	Rob Herzer

2.1 APOLOGIES

Councillor – Shire of Northam	Carl Della
A/Area Officer Upper Wheatbelt	Daniel Hendriksen
Department of Parks and Wildlife (Wheatbelt)	Graeme Keals
Department of Parks and Wildlife (Perth Hills)	Michael Pasotti
Clackline Muresk Brigade	Liam Connolly
Southern Brook Brigade	Paul Antonio

Bush Fire Advisory Committee Meeting Minutes
27 November 2018



3. DISCLOSURE OF INTERESTS

Item Name	Item No.	Name	Type of Interest	Nature of Interest
Honorarium's for chief & deputy chief bush fire control officer	5.3	Matthew McQueen	Financial	Item is about my position as a Bush Fire Control Officer
Honorarium's for chief & deputy chief bush fire control officer	5.3	Simon Peters	Financial	Item is about my position as a Bush Fire Control Officer

4. CONFIRMATION OF MINUTES

4.1 COMMITTEE MEETING HELD 20 AUGUST 2018

RECOMMENDATION / COMMITTEE DECISION

Minute No: BFAC.198

Moved: Mr Sam Moss

Seconded: Mr Tyron McMahon

That the minutes of the Bush Fire Advisory meeting held 20 August 2018 be confirmed as a true and correct record of that meeting.

CARRIED 9/0

Bush Fire Advisory Committee Meeting Minutes
27 November 2018



5. COMMITTEE REPORTS

5.1 CHIEF BUSHFIRE CONTROL OFFICER (CBFCO) REPORT

Address:	N/A
Owner:	N/A
File Reference:	5.1.3.1
Reporting Officer:	Mathew Macqueen CBFCO
Responsible Officer:	Chadd Hunt Executive Manager Development Services
Voting Requirement	Simple Majority

BRIEF

For the Committee to receive and note the report provided by the Chief Bushfire Control Officer.

ATTACHMENTS

Nil.

BACKGROUND / DETAILS

The CBFCO pre-season report for the 2018/19 bushfire season has been provided under the 'Officer's Comment' of this report.

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area 3: Safety and Security

Outcome 3.1: Shire of Northam residents are able to pursue the fullest life possible without fear of or hindrance from crime and disorder.

Financial / Resource Implications

Nil.

Legislative Compliance

Nil.

Policy Implications

Nil.

Stake Holder Engagement / Consultation

Nil.

Bush Fire Advisory Committee Meeting Minutes
27 November 2018



Risk Implications

Nil.

OFFICER'S COMMENT – Mathew Macqueen

- Discussed the upcoming fire season. Due to a wet winter fuel loading has gotten extremely high which will make it interesting for the upcoming fire season.
- The Bureau of Meteorology has provided a warning about peculiar weather coming down the state from the North West with large amounts of lightning and little rain which will possibly affect the Eastern part of the Shire.
- Can all Brigades please be aware of who is available for callouts if the need arises over the upcoming fire season.
-

OFFICERS COMMENT – Simon Peters

- Make sure Brigades are vigilant over this upcoming summer period.
- Discussed the Wundowie incident on Great Eastern Highway and how the Brigades worked efficiently with the VFRS (Volunteer Fire Rescue Services)

RECOMMENDATION/ COMMITTEE DECISION

Minute No: BFAC.199

Moved: Mr Sam Moss

Seconded: Mr Nic Dewar

That Council note the Chief Bushfire Control Officer Report as provided.

CARRIED 9/0

RECOMMENDATION/ COMMITTEE DECISION

Minute No: BFAC.199

Moved: Mr Tyron McMahon

Seconded: Mr Murray McGregor

That Council note the Deputy Chief Bushfire Control Officer Report as provided.

CARRIED 9/0

Bush Fire Advisory Committee Meeting Minutes
27 November 2018



5.2 COMMUNITY EMERGENCY SERVICES MANAGER REPORT

Address:	N/A
Owner:	N/A
File Reference:	5.1.3.1
Reporting Officer:	Brendon Rutter Community Emergency Services Manager
Responsible Officer:	Chadd Hunt Executive Manager Development Services
Voting Requirement	Simple Majority

BRIEF

For the Committee to receive and note the update provided by the Community Emergency Services Manager.

ATTACHMENTS

Attachment 1: Progress against Outstanding BFAC / Council decisions.
Attachment 2: Northam Risk Assessment.

BACKGROUND / DETAILS

N/A.

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area 3: Safety and Security

Outcome 3.1: Shire of Northam residents are able to pursue the fullest life possible without fear of or hindrance from crime and disorder.

Financial / Resource Implications

Nil.

Legislative Compliance

Nil.

Policy Implications

Nil.

Stake Holder Engagement / Consultation

Nil.

Risk Implications

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Nil.

R2R- Over the past few months I have been working on the R2R for the Shire of Northam. The process has been completed and the document is attached.

PPC- PPC for brigades that requested it has been ordered and is almost in stock. I'm just waiting for a few more items to arrive then I'll be sorting the orders and getting them out to the brigades as a priority.

Annual Servicing – The annual servicing has almost been completed, there is a few issues with minor damage being done to the appliances and not being reported. It is essential that all damage to the appliances, regardless of level of severity to be reported to myself, to enable recording as appropriate. This is the only way of identifying if there is an ongoing issue that is causing the damage to reoccur.

New Sheds – Construction of the Grass Valley BFB shed has commenced and is well under way. The upgrade to the facility will provide a much needed training/social space for the brigade and will further enhance the suitability of the building being used as a forward control point in the event of a major incident.

The Bakers Hill shed has started to progress again, and now that the proposed site has been vacated by the road works crews in the area, we can move into the next stage of the build and start with the site feature surveys and development application.
Further details will be provided on the progress of this build.

RECOMMENDATION/ COMMITTEE DECISION

Minute No: BFAC.200

Moved: Mr Nic Dewar

Seconded: Mr Sam Moss

That Council note the Community Emergency Services Manager Report as provided.

CARRIED 9/0

Bush Fire Advisory Committee Meeting Agenda
27 November 2018



Attachment 1

By Officer & Status								
Date	Motion No	Item No	Subject	Motion	Action By	Comment	Date Completed	Status
18-Jul-18	C.3415	11.1	BUSH FIRE ADVISORY COMMITTEE MEETING HELD ON 3RD JULY 2018	That Council: 1. Note the Community Emergency Services Manager Report as provided. 2. Note the Risk Assessment for vehicle and structural fires. 3. Endorse the construction of a new Bakers Hill Fire Shed on a portion of Reserve 3308 subject to approval being issued by the Department of Heritage, Planning and Lands and the additional funding being provided by the ESL to be referred back to Council for formal approval following the submission of a planning application and consultation with adjoining landowners and the Bakers Hill Progress Association. 4. Appoint Mr Mathew Macqueen as the Chief Bushfire Control Officer and Mr Simon Peters as the Deputy Chief Bushfire Control Officer for the 2018/19 period. 5. Accept the revised Fire Breaks & Fuel Load Notice for the 2018/19 period subject to the following amendments: a. Section 1 – Building Protection Zone, item 15 being removed which relates to roof mounted evaporative air coolers being fitted with ember proof screens; b. Section 3 – Land with an area greater than 10,000m ² (1 hectare), item 3(2) add 'excluding cropped and/or stubble land'; c. Section 10 – Harvest, Movement of Vehicles and Hot Works Ban. Remove the proposed additions as highlighted in Attachment 1. d. Amending the Firebreak requirements to be consistent with the requirements detailed in 2017/18 Firebreak & Fuel Load Notice (with reference to having different requirements for lots less than 10 hectares and a separate section for lots greater than 10 hectares) with the addition of remnant vegetation requiring a firebreak of 3 metres within 10 metres of the property boundary. 6. Request the Chief Executive Officer to investigate an annual fee	CESM	8/11/2018 1. No action required. 2. No action required. 3. In progress. 4. No action required. 5. Complete. 6. To be presented to next BFAC meeting in November 2018.		Open

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By Officer & Status								
Date	Motion No	Item No	Subject	Motion	Action By	Comment	Date Completed	Status
				for the Chief and Deputy BFCO for the 2018/19 season and the findings be presented to the next Bush Fire Advisory Committee meeting.				

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Mr Mathew Macqueen and Mr Simon Peters declared a "Financial" interest in item 5.3 – Honorary's for Chief & Deputy Chief Bush Fire Control Officer as they are currently in the position as CBFCO and DCBFCO.

Both the CBFCO and DBFCO left the chambers at 5.38pm.

5.3 HONORARIUM'S FOR CHIEF & DEPUTY CHIEF BUSH FIRE CONTROL OFFICER

Address:	N/A
Owner:	N/A
Applicant:	N/A
File Reference:	5.1.3.1
Reporting Officer:	Brendon Rutter A/Community Emergency Services Manager
Responsible Officer:	Chadd Hunt Executive Manager Development Services
Officer Declaration of Interest:	Chief Bushfire Control Officer – Mat Macqueen Deputy Chief Bushfire Control Officer – Simon Peters
Voting Requirement:	Simple Majority
Press release to be issued:	No

BRIEF

July Council meeting, council resolved that the CEO would investigate council's options regarding an honorary payment to the CBFCO and DCBFCO positions.

ATTACHMENTS

Nil.

BACKGROUND / DETAILS

At the June BFAC it was agreed by all members present that the provision of an annual Honorary or Operational Efficiency payment would be appropriate for the Chief Bushfire Control Officer and potentially also the Deputy Chief Bushfire Control Officer

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area 3: Safety and Security

Outcome 3.1: Shire of Northam residents are able to pursue the fullest life possible without fear of or hindrance from crime and disorder.

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Financial / Resource Implications

Unbudgeted expense, and is not eligible under the ESL, item to be included as a line item in the 2019/2020 draft budget.

Legislative Compliance

Nil.

Policy Implications

Nil.

Stakeholder Engagement / Consultation

Officers have discussed at length with the Chief & Deputy Bush fire Control Officers. Officers have liaised with other Local Government CESM's during the research of this proposal about the effectiveness of the Honorarium payments.

Risk Implications

- Reputational –High
 - The risk of opposing honorariums to the CBFCO & DCBFCO positions places a negative financial impact on these volunteers and will create a reluctance in future years for suitably qualified members to nominate for the role.
- Financial - Moderate
 - The honorariums are not eligible to be funded through the LGGS, so will result in a financial cost to council.
- Compliance - Low
 - There is no legislative requirement to provide remuneration to these positions however would be considered a positive step in acknowledging the high workloads of these voluntary roles.
- Legal – Low
 - Officers have assessed that there are no legal risk implications associated with this matter.

OFFICER'S COMMENT

Officers have reviewed the publicly available budgets of several local governments to investigate how many local governments pay honorariums to their CBFCO & DCBFCO and to use this information in forming a recommendation to council of a dollar amount for consideration.

The officer has found the following information for annual allowances/honorariums at the following local government areas.

- Shire of Serpentine/Jarrahdale- \$10,000 for CBFCO only
- Shire of Busselton- \$1,500 for CBFCO & \$1,000 for DCBFCO
- Shire of Broome, - \$1,500 for CBFCO Only

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- Shire of York, - \$1,200 for CBFCO only
- Shire of Ravensthorpe- \$4,333 for CBFCO only
- Shire of Manjimup- \$5,000 for CBFCO, \$3,000 for DCBFCO
- Augusta/Margaret River – Decided annually for CBFCO & DCBFCO
- Shire of Collie, \$1,000 for CBFCO only

The Shire of Northam currently provides both the CBFCO and DCBFCO positions with a mobile phone, and a Fire Support Vehicle (Chief Vehicle). Some Shires also supply Fire Support Vehicles for their volunteer CBFCO & DCBFCO use at incidents during the fire season only.

The Shire of Northam has had 2 relatively quiet seasons although the positions of Chief and Deputy BFCO's are important roles that require a lot of sacrifice from the officers to attend to their expected duties. As such the officers incur significant out of pocket expenses due to attending multiple meetings at both brigade and district level each year including but not limited to BFAC, LEMC & DOAC meetings, additional to workshops, exercises, brigade trainings etc.

It is the view of officers that additional to the support the Shire of Northam currently extends to these volunteer positions there should be a financial allowance or honorarium paid to these officers to ensure their out of pocket expenses are reduced for such events as much as practical.

RECOMMENDATION

That Council:

1. Include an annual honorarium of \$2,500 payable to the CBFCO & \$1,500 to the DCBFCO in the 2019/20 Draft Annual Budget;
2. Request the CBFCO and DCBFCO to provide a log book at the conclusion of each financial year to the Community Emergency Services Manager prior to payment of the honorarium; and

COMMITTEE DECISION

Minute No: BFAC.201

Moved: Mr Sam Moss
Seconded: Mr Murray McGregor

That Council pay an annual honorarium of \$2,500 to the volunteer CBFCO & \$1,500 to the volunteer DCBFCO commencing in the 2018/19 Fire Season.

CARRIED 7/0

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Discussion was held in regard to the Honorariums for the volunteer CBFO and DCBFO. The Acting Community Emergency Services Manager advised that an investigation was carried out in relation to these positions held within other Shires. It was noted that this Shire provides mobile phones to the CBFO and DCBFO whereas most other Shires do not.

Clarification was sought in regard to the following items:

- Will the Honorariums be strictly kept for volunteer positions only? Cr Terry Little advised that yes they would be kept only for volunteers in that position (as reflected in the recommendation).
- Why do they need to keep a separate log book if the vehicles are owned by the Shire they would already have a current log book? It was agreed that the requirement for a log book needing to be provided would be removed.

Both the CBFO and DBFO returned the chambers at 5.45 pm.

Reason for Change to Officer Recommendation

Not viewed as required in the context of the honorarium. Simply adding a layer of complexity which is not required

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5.4 STANDARD OPERATING PROCEDURES

Address:	N/A
Owner:	N/A
Applicant:	N/A
File Reference:	5.1.3.1
Reporting Officer:	Brendon Rutter A/Community Emergency Services Manager
Responsible Officer:	Chadd Hunt Executive Manager Development Services
Officer Declaration of Interest:	Nil
Voting Requirement:	Simple Majority
Press release to be issued:	No

BRIEF

Standard Operating procedures for the Shire of Northam Volunteer Bush Fire Brigades

ATTACHMENTS

- Attachment 1: SOP 16 – Harvest, Vehicle Movement & Hot works ban.
- Attachment 2: SOP 17 – Prohibition of Lighting a Fire.
- Attachment 3: SOP 18 – Permits to set fire to the bush.

BACKGROUND / DETAILS

In the interest of further development of the Shire of Northam Bush Fire Manual. Several SOP's have been developed to ensure that consistency and efficiency are maintained to ensure an effective delivery of services to the residents within the Shire of Northam.

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area 3: Safety and Security

Outcome 3.1: Shire of Northam residents are able to pursue the fullest life possible without fear of or hindrance from crime and disorder.

Financial / Resource Implications

Nil.

Legislative Compliance

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Bush Fires Act 1954.
Bush Fires Regulations 1954.

Policy Implications

Shire of Northam Bush Fire Manual.

Stakeholder Engagement / Consultation

Chief & Deputy Chief Bush Fire Control Officers.

Risk Implications

- Reputational - High
 - By setting a minimum standard that should be achieved ensures that consistency is followed through all aspects of the service delivery, therefore reducing the potential for council to be exposed to negative feedback from the community.
- Financial – Low
 - Officers believe there is no financial risk to council by adopting the SOP's
- Compliance - Low
 - There is no legislative requirement to develop Standard Operating Procedures however to ensure a consistent approach it is in the best interests of council to set a minimum standard.
- Legal – Low
 - Officers have assessed that there are no legal risk implications associated with this matter.

OFFICER'S COMMENT

In accordance with the Shire of Northam Bush Fires Manual, Officers have developed some Standard Operating Procedures that documents a defined process that must be followed to ensure that a consistent approach is being followed to maintain an efficient and effective emergency service delivery to the residents within the Shire of Northam.

SOP 16 has been developed in accordance to s27 of the bush Fires Act 1954. This document outlines the process and procedures that must be applied each time a HVMB is imposed within the Shire of Northam

SOP 17 has been developed in accordance with s46 of the Bush fires Act of 1954. This document outlines the process and procedures that must be followed each time a prohibition is imposed within the Shire of Northam.

SOP 18 has been developed in accordance with s18 of the Bush Fires Act 1954. This document outlines the process and procedures that must be followed each time a permit to set fire to the bush is issued within the Shire of Northam.

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RECOMMENDATION/ COMMITTEE DECISION

Minute No: BFAC.202

Moved: Mr Murray McGregor

Seconded: Mr Tyron McMahon

That Council endorse SOP16, SOP17 & SOP18, and acknowledge that these SOP's will be included in the future Section 8 SOP's of the Bush Fire Manual, subject to;

1. dot point 2 of SOP16, being amended to remove reference to 'a harvest ban shall be imposed' and redrafted to reflect that the notification of the potential for a fire ban the following day is an advisory notice only and that a decision to impose a fire ban will be made on the day and necessary notification provided at that time.
2. staff undertaking a final review of the SOP's to ensure they align with the bushfire manual and make any necessary adjustments to cause this to occur if it is not the case.

CARRIED 9/0

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Attachment 1

SOP.16 Harvest, Vehicle Movement & Hot Works Bans

Procedure No.	SOP.16
Procedure Subject:	Harvest Vehicle Movement & Hot Works Bans

Introduction

Throughout the year it may be necessary for the Chief Bush Fire Control Officer and/or his/her delegate to impose a Harvest, Vehicle Movement & Hot Works Ban to prevent the likelihood of a fire starting. This is conducted in accordance with Section 27 of the Bush Fires Act 1954.

Procedure

The Shire of Northam Chief Bushfire Control Officer or his/her Deputy (or the CSM in both their absence) may choose at any time to implement a Harvest Vehicle Movement and Hot Works Ban (HVMB) under section 27 of the Bush Fires Act 1954 subject the following conditions.

- The following Public Holidays including any Saturday and Sunday of a long weekend will have a HVMB issued (irrespective of the forecast weather)

Christmas Day
Boxing Day
New Years Day
Australia Day

- On days where the forecast Fire Danger Rating (FDR) for the following day Very High or above with a likelihood of the Fire Danger Index (FDI) reaching 32 or above in any district of the Shire, a harvest ban shall be imposed between the hours of 1000-1800hrs, and will be imposed prior to 1700 the day before to assist with compliance from members of the public. In consultation with the Fire Weather Officers the CBFCO or their deputy may impose the HVMB earlier or later than the above nominated hours if the local conditions warrant.
- Where possible all HVMB bans should begin by 1000 and be lifted by 1800 unless current weather conditions improve, then the ban can be lifted at the discretion of the CBFCO or his/her delegate.
- A member of the Local Government will send out communications using SMS in the first instance, and if/when possible on social media and the Shire of Northam website, as per the Harvest Ban procedure.

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Attachment 2

SOP.17 Prohibition of Lighting a Fire



Procedure No.	SOP.17
Procedure Subject:	Prohibition of Lighting a Fire

Introduction

Under Section 46 of the Bush Fires Act 1954, the Chief Bushfire Control Officer of the Shire of Northam can impose a prohibition of the lighting of any fire within the Shire of Northam local government boundary.

This prohibition can be imposed at any time of year, even during the unrestricted fire period if in the opinion of the Chief Bush Fire Control Officer, local conditions warrant a prohibition being imposed.

Procedure

The Shire of Northam Chief Bushfire Control Officer or his/her Deputy or the CESM in their absence may choose at any time of year to prohibit the lighting of a fires in accordance with section 46 of the Bush Fires Act 1954.

This prohibition could be imposed under the following conditions.

- On days where the forecast FDR for the following day Very High or above with an FDI of 32 or above a prohibition of lighting of a fire may be imposed.
- Upon receiving advice from DFES and/or the Bureau of Meteorology that the forecast for the district could mean that a fire would be difficult to control or pose an increased risk to members of the public
- If there is a significant danger posed to the public should a fire start due to a shortage of resources or emergency service personnel in the region.
- For any other reason the Chief Bush Fire Control Officer decides would be in the best interests of the general population of the Shire of Northam.

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Attachment 3

SOP.18 Permits to Burn the Bush



Procedure No.	SOP.18
Procedure Subject:	Permits to Burn the Bush

Introduction

Under Section 18 of the Bush Fires Act 1954 & Section 15 of the Bush Fires Regulations 1954 a resident within the Shire of Northam must apply for a permit to set fire to the bush during the restricted period.

When issuing a permit, Bush Fire Control Officers (BFCO's) will not deviate from or alter the below conditions at any time. If these conditions cannot be met, the applicant must be referred to the CBFCO and/or CESM in accordance with Section 5.7G of the Shire of Northam Bush Fires Manual.

This is to ensure a consistent approach to the provision of permits to burn across the Shire of Northam.

Procedure

- A resident of the Shire of Northam who wishes to obtain a permit to burn, should be directed to apply online through the Shire of Northam Website.
- If the applicant is unable to utilise the online system, they may make contact with their local BFCO or Shire staff whom are able to complete the application on their behalf through the online portal.
- Shire Staff will receive the permit and process which will include issuing a permit number and updating the permit register on the Shire website.
- After processing, the permit shall be sent to a local BFCO of the brigade area that the burn will be conducted.
- The BFCO officer may make additional conditions above and beyond the standard conditions on the permit, at his/her discretion, after which the permit will be issued to the applicant.
- At the time of issuing the permit, the BFCO shall explain the conditions of the permit to the applicant, as well as advise them of their responsibilities under the Bush Fires Act 1954.
- If at any time a permit holder is in breach of the permit conditions or is in breach of the Bush Fires Act 1954 or the Bush Fires Regulations 1954, the permit will be cancelled and the applicant will be directed to extinguish the fire and cease all burning activity.

Restrictions

In keeping with Council values of honesty, openness and accountability, BFCO officers are prohibited from issuing a permit under the following circumstances.

- If the applicant is a member of their immediate family.
- If the Bush Fire Control Officer has an actual or perceived interest in the property where the burn will be conducted.

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5.5 RISK TO RESOURCE ASSESSMENT (R2R)

Address:	N/A
Owner:	N/A
Applicant:	N/A
File Reference:	5.1.3.1
Reporting Officer:	Brendon Rutter A/Community Emergency Services Manager
Responsible Officer:	Chadd Hunt Executive Manager Development Services
Officer Declaration of Interest:	Nil
Voting Requirement:	Simple Majority
Press release to be issued:	No

BRIEF

The R2R document comprises the following stages-

- Stage 1 - Bushfire Risk Identification
- Stage 2 - Local Government response criteria and key risk assessment
- Stage 3 - Risk reduction and control assessment and strategies
- Stage 4 - Identified Risk re-assessment after stage 3 mitigation strategies
- Stage 5 - Resource requirements

This report seeks endorsement of Stage 1 and 2 of the document and agreement on how to proceed with the finalisation of Stages 3 to 5.

ATTACHMENTS

Attachment 1: Draft R2R Document.

BACKGROUND / DETAILS

In completing Stages 1 and 2 of the document each brigade has been involved throughout the process as much as practical by way of holding workshops to establish the specific local risks within each fire district.

Each brigade has been assessed using the same risk based approach identifying brigade strengths by skillset, brigade incidents, and vehicle turnouts. This data was compiled together with data obtained from CENSUS to identify accurate population size, number of dwellings, land mas etc.

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Officers have met with each brigade to workshop a set of generic risk statements as supplied by the State Emergency Management Committee, as well as additional specific risks associated with each district.

The final result is an assessment of higher risk areas within each fire district within the Shire of Northam.

In order to complete Stage 3 to 5 of the process it is proposed that a workshop be held with representatives from each Brigade (suggested 2 as per previous workshops) ; where the proposed risk reduction and controls for the identified "at risk" assets and infrastructure(stage 3) will be completed. As this is being completed it is anticipated that the findings and recommendations for Stage 5 will become clearer across the Shire. It is further suggested that in order to assist the workshop arrive at agreed recommendations that an independent facilitator be used to work with Brigade representatives.

It is proposed that the Workshop will be held in December (date to be confirmed by BFAC members – currently suggested 18th December 2018) in Council Chambers.

It is further proposed that the recommendations from the workshop for Stages 3 to 5 of the R2R document will be presented at a special BFAC meeting again at a date agreed by BFAC (suggested January or early February 2019). There is a requirement to ensure that all Brigades have an opportunity to review the recommendations from the workshop prior to presented them to BFAC.

At the workshop, a series of recommendations will be developed for BFAC and Council to consider, this will include the development of a strategic plan that will assist council in developing the Volunteer Bush Fire Service for the next 10 years.

This plan will assist officers when completing the annual LGGS applications on behalf of the Volunteer Bush Fire Brigades.

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area 5: Infrastructure & Service Delivery.

Outcome 5.2: Environmental risks are proactively managed to minimise impact on residents.

Objective: Continued bushfire management planning and mitigation works.

- Support local bushfire brigades in bushfire management; and

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- Support the bushfire brigades in the maintenance and acquiring of suitable plant and equipment.

Financial / Resource Implications

Dependent on the final recommendations. There will be potential financial implications, generally this would be funded through the ESL.

Legislative Compliance

Nil.

Policy Implications

Nil.

Stakeholder Engagement / Consultation

Multiple workshops with brigades throughout the process

Risk Implications

- Reputational – High
 - Should the Resource to Risk Assessment not be endorsed by the Council this would reflect poorly on its reputation as this has been requested by the Brigades for a period of time with an understanding that this will be implemented.
- Financial - Low
 - There is no cost to implement the plan. All financial elements/outcomes from this document are eligible expenses under the Local Government Grants Scheme (LGGs) and Emergency Services Levy (ESL).
- Compliance - Low
 - There is no legislative requirement to adopt a Resource to Risk Assessment however is considered best practice as this could affect future LGGs funding.
- Legal – Low
 - Officers have assessed that there are no legal risk implications associated with this matter.

OFFICER'S COMMENT

The R2R assessment phase of the process is now complete and ready to move into the next phase of developing strategies with the assistance of the brigades in ensuring that the currently available resources and future resourcing are being used effectively and efficiently with a strong focus on delivering a professional, dependable and effective emergency service to the community.

By completing the R2R process, officers have been able to identify any gaps that exist in our emergency service coverage, which will then be used to

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develop a strategic plan that will provide a blueprint for future growth of both the service itself and the community we protect.

As indicated previously the dates in the body of the report are suggestions and BFAC has the opportunity to modify if they do not believe there is sufficient time for Brigades to consider any aspect of the process.

NOTICE OF MOTION

Moved: Mr Murray McGregor
Seconded: Mr Nic Dewar

That BFAC endorses the current Risk to Resources process and that all Brigades abide by the outcomes of the Risk to Resources process and the final decision made by the Shire of Northam.

CARRIED 9/0

RECOMMENDATION

That Council endorse the Risk to Resource Document (stages 1 and 2) as attached.

COMMITTEE DECISION

Minute No: BFAC.203

Moved: Mr Murray McGregor
Seconded: Mr Sam Moss

That Council notes the Risk to Resource Document (stages 1 and 2) as attached and refers it to a Bush Fire Advisory working group for further development.

CARRIED 9/0

Reason for Change to Officer Recommendation

Committee formed a view that some of the detail in the document needed further scrutiny prior to it being endorsed.

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Attachment 1

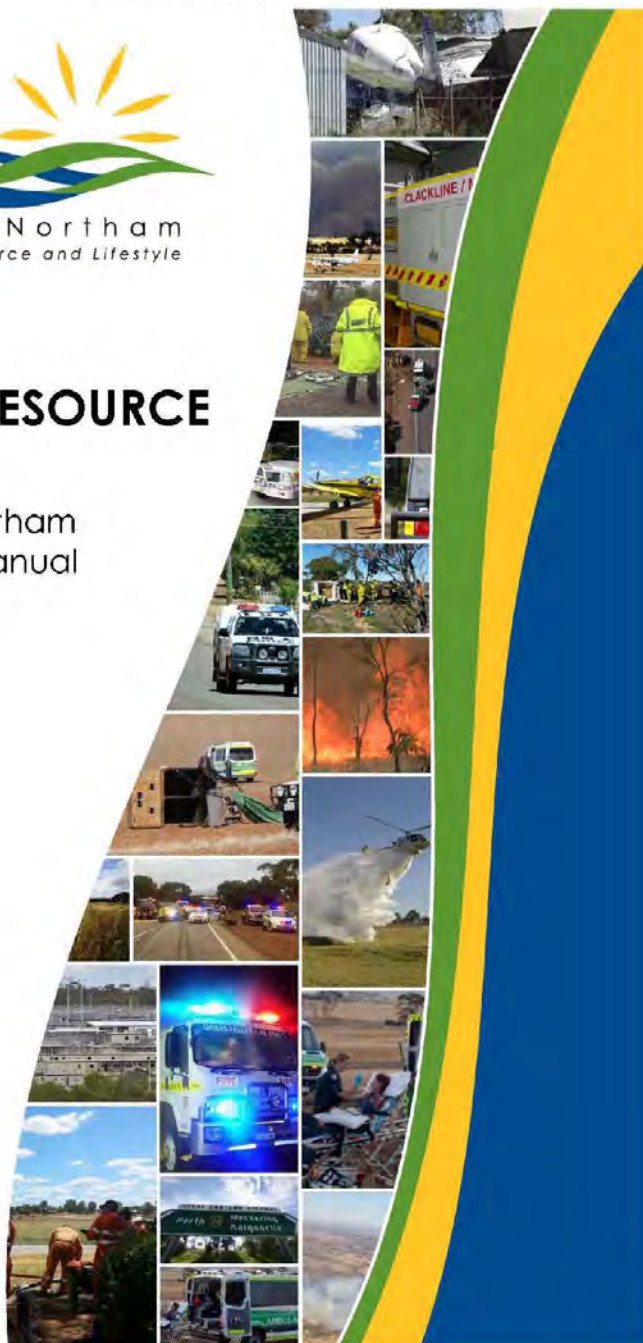


RISK 2 RESOURCE

Shire of Northam
Bush Fire Manual

PART 9

2018



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Risk to Recourse (R2R) Assessment



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Introduction

The Risk to Resource (R2R) assessment has been undertaken by the Shire of Northam Emergency Management staff and the appointed Chief Bushfire Control Officer, in liaison with representatives of the Department of Fire & Emergency Services (DFES), and the volunteer bushfire brigades located within the Shire of Northam.

The R2R assessment has been carried out based on the DFES recommended process and considers the strengths and opportunities that exist in and around the Shire of Northam, as well as revealing threats and weaknesses through risk assessment, analysis and treatments.

The R2R process involves five (5) stages, being:

- Stage 1 – Bushfire Risk Identification
- Stage 2 – Local Government response criteria and key risk assessment
- Stage 3 – Risk reduction and control assessment and strategies
- Stage 4 – Identified Risk re-assessment after stage 3 mitigation strategies
- Stage 5 – Resource requirements

1. Stage 1- Bushfire Risk Identification

To undertake an assessment of bushfire risk and coverage extensive GIS mapping has been provided and assessed.

The GIS mapping takes a layered approach, with the aim of identifying areas within the Shire of Northam that have perceived elevated risks. This layering includes;

- Shire of Northam local government area
- Shire of Northam bushfire brigade designated areas
- DFES mapping of bushfire risk areas
- Identification of population areas and key infrastructure
- Identification of DFES estimated response / turn out times for brigades

Based on the mapping assessment there are a number of areas identified within the Shire of Northam that do not meet the established criteria.

2. Stage 2 – Local Government Response Criteria and key risk assessment

In order to assess the mapping, it is important to establish a response criteria or service standard that the Shire of Northam believes is acceptable in relation to responding to bushfire threats.

The State Government has established a generic response criterion, which establishes a framework around acceptable levels / times for responding to

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bushfires based on a range of land categories. The State Government framework includes the following land categories – pastoral, rural/broad acre, South West Agriculture or Central West Coastal and Lower West Coastal. The table below is from DFES guide for preparing a Risk to Resource document-

LOCAL GOVERNMENT RESPONSE CRITERIA

KEY= *Property under threat from bushfire # Turnout time to incident. + Aircraft and/or appropriate machinery where required

PASTORAL	Firefighting response for bushfire within 3 hours (200 + kms between services) + Firefighting response on site for property threat within 3 hours* Specialist Units (ICV) on site within 2 days
RURAL / BROADACRE	Up to two fire fighting appliances on site for bushfire in 1 hour (30 + kms between services)# 1 fire firefighting appliance on site for property threat in 1 hour Specialist Units (ICV) on site within 6 hours
SOUTH WEST AGRICULTURAL or CENTRAL WEST COASTAL	Up to 6 fire fighting appliances on site for bushfire in 30 minutes (20kms between services) # 1 fire fighting appliance on site for property threat in 30 minutes Specialist Units (ICV) on site within 3 hours
LOWER WEST COASTAL	Initial dispatch of 2 fire fighting appliances on site for bushfire in 20 minutes (10 kms between services). 1 fire fighting appliance on site for property threat in 20 minutes Specialist Units (ICV) on site within 1 hour, Perth Outer Metropolitan within 45 minutes

The Shire of Northam has adapted these categories to ensure applicability to our context, whilst still utilising the turnout times as the basis for establishing Shire of Northam turnout times – refer table 2 below.

Table 2

SHIRE OF NORTHAM RESPONSE CRITERIA	
KEY= # Turnout time to incident.	
RURAL / BROADACRE	Up to two firefighting appliances on site for wildfire in 1 hour (30 + kms between services) # 1 fire firefighting appliance on site for property/Asset protection in 1 hour Specialist Units (ICV) on site within 6 hours (Note this includes the CBFCO and CESM vehicle so criteria is met)
SETTLEMENT/TOWNSITE/RURAL RESIDENTIAL AND RURAL SMALLHOLDING ZONES	Up to 6 firefighting appliances on site for wildfire in 30 minutes (20kms between services) # 1 firefighting appliance on site for property/Asset protection in 30 minutes Specialist Units (ICV) on site within 3 hours (Note this includes the CBFCO and CESM vehicle so criteria is met)
CRITICAL INFRASTRUCTURE (includes properties with major infrastructure and large numbers of people either working, residing or otherwise at that facility)	Up to 6 firefighting appliances on site for wildfire in 30 minutes (20kms between services) # 1 firefighting appliance on site for property/Asset protection in 30 minutes Specialist Units (ICV) on site within 3 hours (Note this includes the CBFCO and CESM vehicle so criteria is met)

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The Shire of Northam response times maps as provided by DFES have been provided in Appendix 2. It should be noted that for the purposes of undertaking the risk assessment the 30 minute response time mapping has been based on a 10 minute travel time from the Brigade Shed – this allows for volunteer turn out times to the Brigade sheds.

The turnout times for the 60 minute response times are based on the actual 30-minute travel time from the brigade shed and 30 minute turn out time to the brigade shed. The above was undertaken to give a more realistic response time recognising the challenges of brigade members travelling to the specific fire shed.

The mapping has been based on the fire units travelling at 80km/hr on sealed roads and 60km/hr on unsealed roads.

It is also be noted that the assessments in appendix 1 have been based on the assumption that all Shire of Northam appliances are able to be crewed within the timeframes above and are obviously based on no other incidents being active at that time.

The assessment includes two units from Wundowie VFRS (of two) and two units from the Northam VFRS (of three) being turned out. At this stage there is no assessment being made of adjoining local authority brigade turning out to an incident outside of their local authority area.

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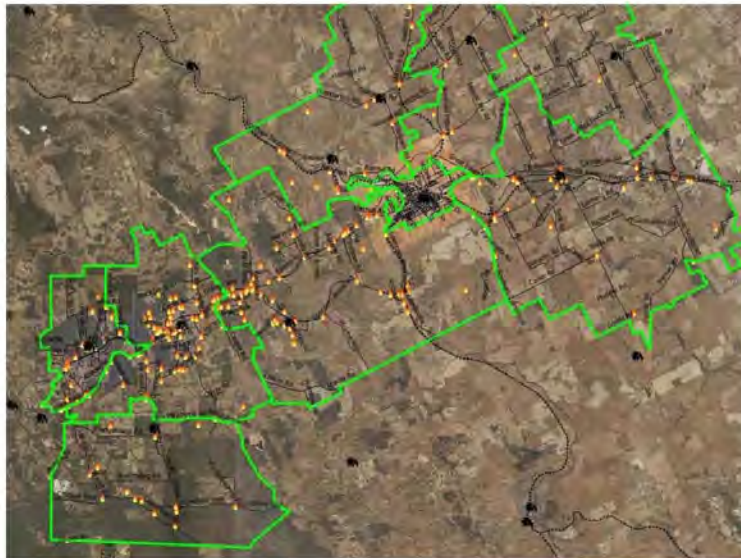


2.1 Incident History

The following Map has been developed based on information sourced from the Department of Fire and Emergency Services. The map clearly indicates the number and extent of level 1 and level 2 bushfire incidents that have occurred in the Shire of Northam over the past five years.

The map below also although captures the further information on each of the mapped fire incidents, it is not possible at this stage to demonstrate on a printed map, however the captured data includes the following information –

- Type of fire
- Suspected cause of fire
- Type of units in attendance



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2.2 Shire of Northam Brigade Profiles & Available Resources

Pursuant to s41 of the Bush Fires Act 1954, the Shire of Northam has established the following brigades-

- Bakers Hill
- Clackline-Muresk
- Grass Valley
- Inkpen
- Irishtown
- Jennapullin (Farmer Response Only)
- Southern Brook
- Wundowie (created but has no appliances, equipment etc.)

The possibility of creating a Northam Central Bush Fire Brigade has also been suggested in the past. At this stage a Northam Central brigade has not been gazetted.

The following information is provided, detailing the established bushfire brigades within the Shire of Northam, profiling their membership, training, recent brigade activity and available resources. Utilising this information, a risk profile has been established for each brigade.

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2.2.1 All Shire of Northam Volunteer Bush Fire Service

Membership Profile	
Membership	321
Average Age	47
Average Tenure	11 years
75% of membership over 55yrs old	
Training	
AIMS awareness	166
Introduction to Fire Fighting	87
Bushfire Fighting	173
Machine Supervision	2
Intro to structural fire fighting	66
Structural Fire Fighting	60
Pump Operations	39
Ground Controller	68
Advanced bushfire fighting	66
Crew Leader	25
Sector Commander	22
AIIMS 4 for 2017	8
Fire Control Officer Training	51
L1 Incident Controller	4
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	42
Reserve - Turning out to 1-9 incidents during sample period	98
Support - Allowance of min 1 support member per brigade	7
Non-active - 1 or less turnouts during sample period	116



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018



** Data Obtained from DFES Resource Management System (RMS) System.
Data correct as of 21st August 2018

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Brigade activity	
Documented incident turn out	
2013/2014	98
2014/2015	113
2015/2016	85
2016/2017	125
2017/2018	88
Appliance & Resources List	
1.4R	3
2.4R	3
2.4U	1
4.4B	1
light tanker	4
Various mobile pumps	2
Standpipe pumping trailer	0
External Available Resources	
Shire of Northam works depot - Loaders, Graders, Posi Tracks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise

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2.2.2 Inkpen Volunteer Bush Fire Brigade – (6300)

The Inkpen Fire District is a large agricultural district within the Shire of Northam, west of the Northam town site.

There are approximately 12 private dwellings within the Inkpen location, with a further 38 private dwellings in the Woottating area. It is estimated that there is at least one additional outbuilding or structure per property, with many properties having multiple additional outbuildings.

Other significant infrastructure in the brigade area include BGC quarry, composting facility on Horton Road and Great Southern Highway (York-Lakes Road). According to 2016 Census these dwellings equate to 20 residents within the Inkpen Area and 66 residents within the Woottating area.

The Shire of Northam is experiencing some growth in rural residential housing to the west of the Shire. Whilst this is not currently within the Inkpen fire district, it is likely that this area will be developed further over the next 10 years given its proximity to the Perth metropolitan area.

Approx. 167km² or 16,700ha² of predominantly broad acre properties, which encompasses a large refuse site of strategic importance to the Shire.

The area is predominantly vegetated with Jarrah/marri/wandoo/Dryander forest and Cereal crops.

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Membership Profile	
Membership	41
Average Age	54
Average Tenure	13 years
50% of Membership over 60yrs	
Training	
AIMS awareness	25
Introduction to Fire Fighting	28
Bushfire Fighting	26
Machine Supervision	2
Intro to structural fire fighting	9
Structural Fire Fighting	2
Pump Operations	21
Ground Controller	2
Advanced bushfire fighting	3
Crew Leader	2
Sector Commander	2
AIMS 4 for 2017	0
Fire Control Officer Training	4
L1 Incident Controller	Nil
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	0
Reserve - Turning out to 1-9 incidents during sample period	12
Support - Allowance of min 1 support member per brigade	1
Non-active - 1 or less turnouts during sample period	6



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018




** Data Obtained from DFES Resource Management System (RMS) System.
Data correct as of 21st August 2018

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Brigade activity		Inkpen BFB
Documented incident turn out		
2013/2014	11	 <p>Mobilisation Times in minutes</p> <p>Average Response Times - Time from Brigade SMS to Arrival</p> <p>Average Travel Times - Time from Brigade Turnout Message to Arrival</p>
2014/2015	28	
2015/2016	16	
2016/2017	10	
2017/2018	13	
Bridge incident response 2013 - 2018 (June)		
Incidents within the district	29	
Incidents outside the district	20	
Appliance & Resources List		
1.4R	1	
2.4R	1	
2.4U	0	
4.4B	0	
Light tanker	0	
Various mobile pumps	0	
Standpipe pumping trailer	0	
1 bay facility with Office/Comms Room	0	
2 bay facility with Office/Comms Room	1	
3 bay facility with Office/Comms Room	0	
Training Room	1	
Lunch Rooms	1	
Disabled Access Toilets and Showers	2	
External Resources Available		
Shire of Northam works depot - Loaders, Graders, Posi Tracks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise	

Brigade Incident Response

Incidents Outside of Brigade Fire District, 20

Incidents Within Brigade Fire District, 29

** Data Obtained from DFE's Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.

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2.2.3 Bakers Hill Volunteer Bush Fire Brigade

Bakers Hill is a town 73 kilometres east of Perth, Western Australia on the Great Eastern Highway. The town is located within the Shire of Northam, between Wundowie and Clackline. There are numerous pockets of rural residential/hobby farm areas being developed around the townsite. Current planning indicates that this will continue in the future.

Other significant infrastructure in the brigade district include Great Eastern Highway, Bakers Hill Townsite and the Inkpen Waste Disposal Facility. In the former area (now part of Wundowie BFB) other infrastructure includes El Cabello Lifestyle Village, El Cabello resort, El Cabello road house, tavern and shops and Linley Valley abattoir.

There are approximately 577 residential dwellings within the Bakers Hill area, plus 37 extra dwellings in the Copley Area, it is further estimated that there is at least one extra outbuilding or structure per property,. According to the 2016 census, these dwellings equate to a population of 1,257 in Bakers Hill, with a further population of 67 in Copley.

Approximately 180km² or 18,00ha² district that is small mixed farming/hobby farms/small village with commercial/light industrial.

The area is predominantly vegetated with Jarrah/mari/wandoo/Dryander forest, cereal crops.

The Bakers Hill fire district was recently modified with the creation of the Wundowie BFB. For the purposes of this assessment the original Bakers Hill fire district has been used in the initial assessment phase.

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Membership Profile	
Membership	32
Average Age	47
Average Tenure	11
50% of the membership over 48yrs	
Training	
AIMS awareness	24
Introduction to Fire Fighting	25
Bushfire Fighting	18
Machine Supervision	3
Intro to structural fire fighting	12
Structural Fire Fighting	12
Pump Operations	4
Ground Controller	3
Advanced bushfire fighting	8
Crew Leader	8
Sector Commander	7
AIMS 4 for 2017	0
Fire Control Officer Training	8
L1 Incident Controller	0
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	12
Reserve - Turning out to 1-9 incidents during sample period	17
Support - Allowance of min 1 support member per brigade	1
Non-active - 1 or less turnouts during sample period	2



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.

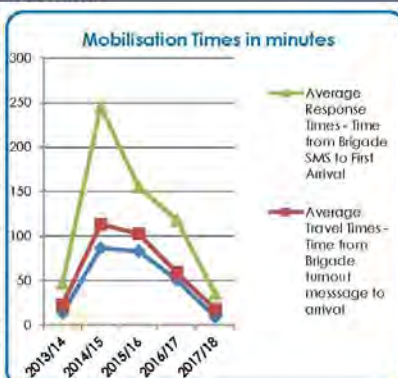
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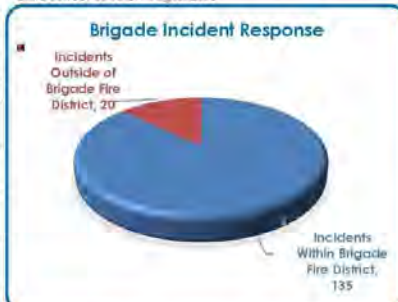
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Brigade activity		Bakers Hill
Documented incident turn out		
2013/2014	47	
2014/2015	52	
2015/2016	45	
2016/2017	53	
2017/2018	41	
Bridge incident response 2013 – 2018 (June)		
Incidents within the district	135	
Incidents outside the district	20	
Appliance & Resources List		
1.4R	0	
2.4R	1	
2.4U	0	
4.4B	0	
Light tanker	1	
Various mobile pumps	0	
Standpipe pumping trailer	0	
1 bay facility with Office/Comms Room	0	
2 bay facility with Office/Comms Room	1	
3 bay facility with Office/Comms Room	0	
Training Room	0	
Lunch Rooms	0	
Disabled Access Toilets and Showers	1 (Not disabled)	
External Resources Available		
Shire of Northam works depot - Loaders, Graders, Pesi Tracks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise	



** Data Obtained from DFES Incident Reporting System (IRS) system.
Data correct as of 21st August 2018



** Data Obtained from DFES Incident Reporting System (IRS) system.
Data correct as of 21st August 2018

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2.2.4 Clackline Bush Volunteer Bush Fire Brigade

Clackline is a locality in the Wheatbelt region of Western Australia, about 80 kilometres east-north-east of Perth. It is a large district that has a strong agricultural influence, that is slowly being developed in pockets with multiple small land holdings & hobby farms and it is likely that this trend will continue in the years to come.

Other significant infrastructure in the brigade area include the townsite of Clackline and Spencers Brook, Muresk Agricultural Institute, Springhill recovery centre, Great Eastern Highway, Yongah Hill Detention Centre and Northam Army Camp.

The 2016 Census indicates Clackline has approx. 166 private residential dwellings that are typically family homes with an additional 3 in Muresk, 87 in Spencers Brook, 103 in Mokine and 46 in Burlong, & 87 in Muluckine bringing the total of private residential dwellings to 492, it is further estimated that there is at least 1x extra outbuilding or structure per property, but in a lot of cases more. According to 2016 Census these dwellings equate to Clackline having a population of 310, with a further 28 for Muresk, 206 for Mokine, 488 for Burlong, 218 residents in Muluckine & 51 for Spencers Brook bringing the population for the district to a total of 1,301 residents.

The area is approximately 291km² or 29,100ha² of predominantly agricultural with multiple large broad acre farms, a large number of small/rural holdings, and hobby farms. Other vegetation includes jarrah/mari/wandoo/Dryander forest moving into York/Salmon gum, jam.

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Membership Profile	
Membership	43
Average Age	55
Average Tenure	11
50% of membership over 55yrs	
Training	
AIMS awareness	37
Introduction to Fire Fighting	39
Bushfire Fighting	37
Machine Supervision	11
Intro to structural fire fighting	15
Structural Fire Fighting	14
Pump Operations	4
Ground Controller	9
Advanced bushfire fighting	8
Crew Leader	8
Sector Commander	5
AIMS 4 for 2017	2
Fire Control Officer Training	11
L1 Incident Controller	1
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	9
Reserve - Turning out to 1-9 incidents during sample period	21
Support - Allowance of min 1 support member per brigade	1
Non-active - 1 or less turnouts during sample period	12



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.





** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.

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Brigade activity		Clackline BFB
Documented incident turn out		
2013/2014	43	
2014/2015	55	
2015/2016	46	
2016/2017	44	
2017/2018	28	
Bridge incident response 2013 – 2018 (June)		
Incidents within the district	88	
Incidents outside the district	69	
Appliance & Resources List		<p>** Data Obtained from DFES Incident Reporting System (IRS) System. Data correct as at 31st August 2018.</p> <p>** Data Obtained from DFES Incident Reporting System (IRS) System. Data correct as at 31st August 2018.</p>
1.4R	1	
2.4R	1	
2.4U	0	
4.4B	0	
Light tanker	1	
Various mobile pumps	0	
Standpipe pumping trailer	0	
1 bay facility with, Office/Comms Room	0	
2 bay facility with, Office/Comms Room	0	
3 bay facility with, Office/Comms Room	1	
Training Room	1	
Lunch Rooms	1	
Disabled Access Toilets and Showers	1	
External Available Resources		
Shire of Northam works depot - Loaders, Graders, Post Trucks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise	

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2.2.5 Irishtown Volunteer Bush Fire Brigade

Irishtown is a rural locality to the east of the Shire of Northam. The area is over 90% Broad acre farming and has minimal significant infrastructure other than residences and farm buildings. There is a hall and fire shed located in Irishtown, historical buildings and church at Katrine, the Avon River, Northam-Toodyay Road, Perth-Adelaide Rail Line

There are approximately 35 private dwellings within the district of Irishtown, another 21 in Wongamine, 23 in Katrine and a further 29 within the Buckland area. According to 2016 Census these dwellings equate to a population of 73 in Irishtown, 39 in Wongamine, 43 in Katrine and 39 in Buckland.

There is approximately 194km² or 19,400ha² of predominantly broad acre farming with a small section of hobby farms on smaller lots.

This area is the beginning of the broad acre farming and hence vegetation is reduced in large pasture areas, fires are more controllable. The area contains York/salmon gum and jam vegetation.

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Membership Profile	
Membership	78
Average Age	55
Average Tenure	14
50% of membership over 59yrs	
Training	
AIMS awareness	23
Introduction to Fire Fighting	26
Bushfire Fighting	22
Machine Supervision	2
Intro to structural fire fighting	6
Structural Fire Fighting	6
Pump Operations	0
Ground Controller	1
Advanced bushfire fighting	4
Crew Leader	0
Sector Commander	3
AIMS 4 for 2017	0
Fire Control Officer Training	7
L1 Incident Controller	0
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	3
Reserve - Turning out to 1-9 incidents during sample period	5
Support - Allowance of min 1 support member per brigade	18
Non-active - 1 or less turnouts during sample period	59



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.



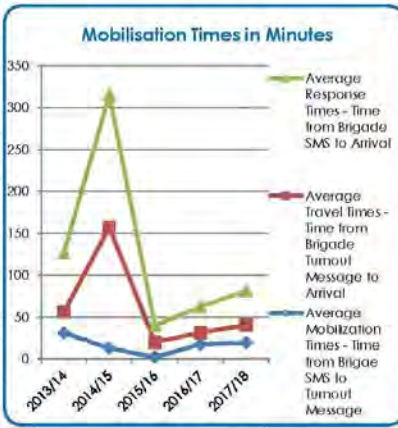
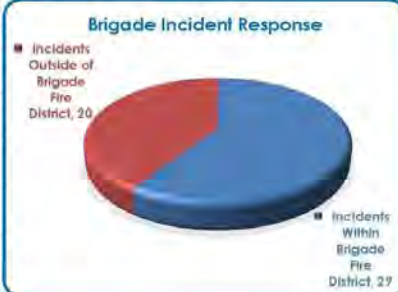
** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.

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Brigade activity		Irishtown BFB	
Documented incident turn out		 <p>Mobilisation Times in Minutes</p> <p>Legend:</p> <ul style="list-style-type: none">Average Response Times - Time from Brigade SMS to ArrivalAverage Travel Times - Time from Brigade Turnout Message to ArrivalAverage Mobilization Times - Time from Brigade SMS to Turnout Message <p>** Data Obtained from DFES Incident Reporting System (IRS) System. Data correct as of 21st August 2018.</p>	
2013/2014	14		
2014/2015	29		
2015/2016	14		
2016/2017	13		
2017/2018	20		
Bridge incident response 2013 – 2018 (June)		 <p>Brigade Incident Response</p> <p>Legend:</p> <ul style="list-style-type: none">Incidents Within Brigade Fire District, 29Incidents Outside of Brigade Fire District, 20 <p>** Data Obtained from DFES Incident Reporting System (IRS) System. Data correct as of 21st August 2018.</p>	
Incidents within the district	29		
Incidents outside the district	20		
Appliance & Resources List			
1.4R	0		
2.4R	1		
2.4U	0		
4.4B	0		
Light tanker	2		
Various mobile pumps	0		
Standpipe pumping trailer	0		
1 bay facility with, Office/Comms Room	0		
2 bay facility with, Office/Comms Room	1 Shed only		
3 bay facility with, Office/Comms Room	0		
Training Room	0		
Lunch Rooms	0		
Disabled Access Toilets and Showers	0		
External Available Resources			
Shire of Northam works depot - Loaders, Graders, Post Trucks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise		

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2.2.6 Jennapullin Volunteer Bush Fire Brigade

Jennapullin BFB is made up predominately of a small group of farmers that utilise their own private equipment for the control and extinguishment of fire within the brigade's area of responsibility. They provide support for neighbouring brigades if requested, but lack the resources to travel outside of their district. They have small community of farmers who respond with their private vehicles/appliances to handle the initial attack of fire, while they wait for support and resources from their neighbouring brigades.

The 2016 Census indicates that Jennapullin has a population of 69 people.

The area is approximately 105km² or 10,500ha² made up of rural blocks 12, 25, 50, 1000 hectares, small mixed farming/hobby farms and mainly broad acre farming and has minimal significant infrastructure other than residences and farm buildings.

This area is the beginning of the broad acre farming and hence vegetation is less with large pasture areas, fires are more controllable. Other vegetation includes york/salmon gum, jam vegetation, cereal crops.

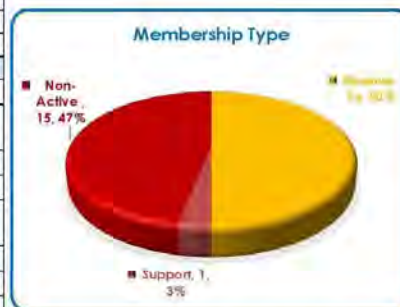
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Membership Profile	
Membership	32
Average Age	47
Average Tenure	
50% of membership is over 48yrs	
Training	
AIMS awareness	8
Introduction to Fire Fighting	22
Bushfire Fighting	23
Machine Supervision	1
Intro to structural fire fighting	1
Structural Fire Fighting	1
Pump Operations	0
Ground Controller	0
Advanced bushfire fighting	0
Crew Leader	0
Sector Commander	0
AIMS 4 for 2017	0
Fire Control Officer Training	5
L1 Incident Controller	0
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	0
Reserve - Turning out to 1-9 incidents during sample period	16
Support - Allowance of min 1 support member per brigade	1
Non-active - 1 or less turnouts during sample period	15



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as at 21st August 2018



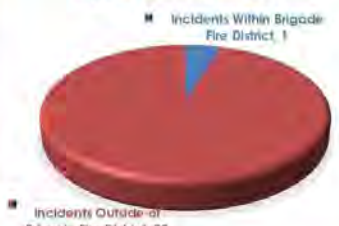
** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as at 21st August 2018

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Brigade activity		Jennapullin BFB	
Documented Incident turn out		<div><h3>Brigade Incident Response</h3><p>■ Incidents Within Brigade Fire District, 1</p><p>■ Incidents Outside of Brigade Fire District, 20</p></div>	
2013/2014	0		
2014/2015	1		
2015/2016	0		
2016/2017	0		
2017/2018	0		
Bridge incident response 2013 – 2018 (June)			
Incidents within the district	1		
Incidents outside the district	20		
Appliance & Resources List		<p>*** Data Obtained from DFB Incident Reporting System (IRS) System. Data correct as of 21st August 2018</p>	
1.4R	0		
2.4R	0		
2.4U	0		
4.4B	0		
Light tanker	0		
Various mobile pumps	0		
Standpipe pumping trailer	0		
1 bay facility with, Office/Comms Room	0		
2 bay facility with, Office/Comms Room	0		
3 bay facility with, Office/Comms Room	0		
Training Room	0		
Lunch Rooms	0		
Disabled Access Toilets and Showers	0		
External Available Resources			
Shire of Northam works depot - Loaders, Graders, Posi Tracks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise		

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2.2.7 Southern Brook Volunteer Bush Fire Brigade

Southern Brook is on the far North Eastern most Corner of the Shire of Northam. The area is over 90% Agriculture with a small town settlement by the way of a Town Hall, Fire Shed & former Golf Course. Due to being a high agricultural area, the main risk to Southern Brook is during an approx. 8 week period during December & January for harvest time. At all other times the fuel load is minimal with only small amount of low/medium risk reserves throughout the area of responsibility.

According to the 2016 Census data, there is 28 private residential dwellings in Southern Brook, and a further 22 in Malabaine. It is estimated that these dwellings will have more than 1 additional outbuilding or structure. According to 2016 Census these dwellings equate to a population of 77 in Southern Brook, with a further 45 in Malabaine.

The area is approximately 163km² or 16,300ha². Rural blocks vary from 12, 25, 50, 1000 hectares for small mixed farming, hobby farms and mainly broad acre farming and has minimal significant infrastructure other than residences and farm buildings.

This area is the beginning of the broad acre farming and hence vegetation is less with large pasture areas, fires are more controllable. Other vegetation includes york/salmon gum, jam vegetation & crops immediately before and during harvest, cereal crops.

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Membership Profile	
Membership	30
Average Age	53
Average Tenure	16
50% of membership over 58yrs	
Training	
AIMS awareness	8
Introduction to Fire Fighting	14
Bushfire Fighting	14
Machine Supervision	0
Intro to structural fire fighting	0
Structural Fire Fighting	0
Pump Operations	0
Ground Controller	1
Advanced bushfire fighting	0
Crew Leader	0
Sector Commander	0
AIMS 4 for 2017	0
Fire Control Officer Training	3
L1 Incident Controller	0
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	0
Reserve - Turning out to 1-9 incidents during sample period	5
Support - Allowance of min 1 support member per brigade	1
Non-active - 1 or less turnouts during sample period	24
50% over 58	



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018




** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018

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Brigade activity		Grass Valley BFB
Documented incident turn out		 <p>Brigade Incident Response</p> <ul style="list-style-type: none"> Incidents Within Brigade Fire District, 3 Incidents Outside of Brigade Fire District, 8
2013/2014	0	
2014/2015	5	
2015/2016	6	
2016/2017	4	
2017/2018	1	
Bridge incident response 2013 – 2018 (June)		<p><small>** Data Obtained from DFES Incident Reporting system (IRS) system. Data correct as of 21st August 2018</small></p>
Incidents within the district	3	
Incidents outside the district	8	
Appliance & Resources List		
1.4R	1	
2.4R	0	
2.4U	0	
4.4B	0	
Light tanker	0	
Various mobile pumps	0	
Standpipe pumping trailer	0	
1 bay facility with Office/Comms Room	1	
2 bay facility with Office/Comms Room	0	
3 bay facility with Office/Comms Room	0	
Training Room	1	
Lunch Rooms	1	
Disabled Access Toilets and Showers	1	
External Resources	Available	
Shire of Northam works depot - Loaders, Graders, Post Trucks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise	

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2.2.8 Grass Valley Volunteer Bush Fire Brigade

Grass Valley is a small town site 13 kilometres (8 mi) east of Northam,. It is a predominantly a broad acre farming district, although there is 2 settlements, being the Grass Valley town site, and Seabrook. Other critical infrastructure in the brigade locality include Avon Industrial Park, Great Eastern Highway, Perth-Adelaide Railway, Northam-Cranbrook Highway, Mortlock River and tributaries.

There is 78 private residential dwellings within the Grass Valley district with a further 30 dwellings in Throssell & another 12 in Meenaar. According to the 2016 census, these dwellings equate to a population of 176 residents in the Grass Valley area, with 75 residents in Throssell and a further 34 in Meenaar.

There is 242km²/24,200ha² of Rural blocks 12, 25, 50, 1000 hectares, small mixed farming/hobby farms/broad acre farming.

The area is predominantly vegetated with jarrah/mari/wandoo/Dryander forest and Cereal Crops. This area is the beginning of the broad acre farming with large pasture areas and hence vegetation is less, fires are more controllable.

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Membership Profile	
Membership	50
Average Age	50
Average Tenure	11
50% of the membership is over 52yrs	
Training	
AIMS awareness	26
Introduction to Fire Fighting	25
Bushfire Fighting	18
Machine Supervision	5
Intro to structural fire fighting	9
Structural Fire Fighting	5
Pump Operations	0
Ground Controller	7
Advanced bushfire fighting	4
Crew Leader	1
Sector Commander	1
AIMS 4 for 2017	1
Fire Control Officer Training	9
L1 Incident Controller	0
Membership Type	
Active - A member who has attended 10 or more incidents for the sample period	3
Reserve - Turning out to 1-9 incidents during sample period	25
Support - Allowance of min 1 support member per brigade	1
Non-active - 1 or less turnouts during sample period	21



** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.



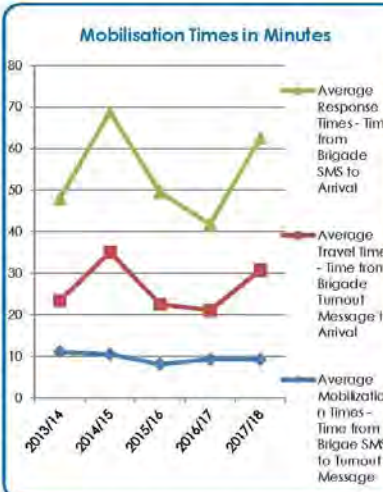
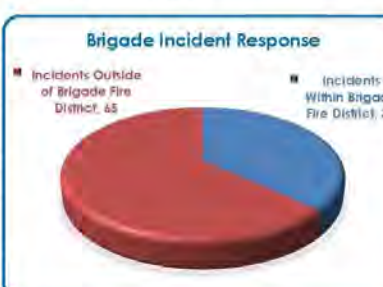
** Data Obtained from DFES Incident Reporting System (IRS) System.
Data correct as of 21st August 2018.

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Brigade activity		Grass Valley BFB
Documented Incident turn out		
2013/2014	43	 <p>Mobilisation Times in Minutes</p> <p>Legend:</p> <ul style="list-style-type: none"> Average Response Times - Time from Brigade SMS to Arrival Average Travel times - Time from Brigade Turnout Message to Arrival Average Mobilization Times - Time from Brigade SMS to Turnout Message <p>** Data Obtained from DFES Incident Reporting System (IRS) System. Data correct as of 21st August 2018.</p>
2014/2015	55	
2015/2016	46	
2016/2017	44	
2017/2018	28	
Bridge incident response 2013 – 2018 (June)		 <p>Brigade Incident Response</p> <p>Legend:</p> <ul style="list-style-type: none"> Incidents Outside of Brigade Fire District: 65 Incidents Within Brigade Fire District: 38 <p>** Data Obtained from DFES Incident Reporting System (IRS) System. Data correct as of 21st August 2018.</p>
Incidents within the district	38	
Incidents outside the district	65	
Appliance & Resources List		
1.4R	0	
2.4R	0	
2.4U	0	
4.4B	1	
Light tanker	0	
Various mobile pumps	0	
Standpipe pumping trailer	0	
1 bay facility with Office/Comms Room	0	
2 bay facility with Office/Comms Room	1	
3 bay facility with Office/Comms Room	0	
Training Room	1	
Lunch Rooms	1	
Disabled Access Toilets and Showers	1	
External Resources Available		
Shire of Northam works depot - Loaders, Graders, Posi Tracks, 2 x Water Carts and tree looping teams, Traffic Management from the Shire	30-60 mins to mobilise	

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2.3 Risk Assessment

2.3.1 Identification & Assessment of vulnerable populations

The information gathered in stage 1 has contributed to the identification of firstly areas which are not able to meet the Shire of Northam Response Criteria (table 2).

Table 2 SHIRE OF NORTHAM RESPONSE CRITERIA KEY= *Property under threat from wildfire # Turnout time to incident. + Aircraft and/or appropriate machinery where required	
RURAL / BROADACRE	Up to two firefighting appliances on site for wildfire in 1 hour (30 + kms between services) # 1 fire firefighting appliance on site for property/Asset protection in 1 hour Specialist Units (ICV) on site within 6 hours
SETTLEMENT/TOWNSITE/RURAL RESIDENTIAL AND RURAL SMALLHOLDING ZONES	Up to 6 firefighting appliances on site for wildfire in 30 minutes (20kms between services) # 1 firefighting appliance on site for property/Asset protection in 30 minutes Specialist Units (ICV) on site within 3 hours
CRITICAL INFRASTRUCTURE (includes properties with major infrastructure and large numbers of people either working, residing or otherwise at that facility)	Up to 6 firefighting appliances on site for wildfire in 30 minutes (20kms between services) # 1 firefighting appliance on site for property/Asset protection in 30 minutes Specialist Units (ICV) on site within 3 hours

Each of these areas has then been risk assessed, in consultation with local bushfire brigades to assess levels of risk for the various communities and/or areas considered at 'risk'. Areas which are assessed as being at an elevated risk (that is areas that return a risk rating which exceeds '6') will be further assessed, along with proposed risk mitigation strategies.

The risk table, below, and associated information has been utilised, in accordance with Department of Fire and Emergency Services Guidelines;

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Table 4 **Consequence**

Likelihood		Insignificant 1	Minor 2	Moderate 3	Major 4	Catastrophic 5
	Almost Certain 5	Moderate (5)	Moderate (10)	High (15)	Extreme (20)	Extreme (25)
	Likely 4	Low (3)	Moderate (8)	High (12)	Extreme (16)	Extreme (20)
	Moderate 3	Low (1.5)	Low (6)	Moderate (9)	High (12)	Extreme (15)
	Unlikely 2	Very Low (2)	Low (4)	Moderate (6)	High (8)	High (10)
	Rare 1	Very Low (1)	Very Low (2)	Low (3)	Moderate (4)	High (5)

An assessment of the Shire of Northam has been undertaken and assessed within each the various brigade areas. The assessment highlights there are a number of potentially vulnerable risk areas as a result of insufficient resource being able to get to the area within the specified timeframe. This is summarised as;

- 12 identified areas in the Bakers Hill Brigade area
- 1 identified area in the Inkpen Brigade area
- 4 identified areas in the Grass Valley Brigade area
- 12 identified areas in the Bakers Hill Brigade area
- 0 identified areas in the Southern Brook Brigade area
- 11 identified areas in the Clackline Brigade area
- 1 identified areas in the Irishtown Brigade area

(Appendix 1 provides the detailed assessment matrix).

The following represents a summary risk assessment undertaken within each of the identified areas to determine areas which represent a response risk;

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2.3.2 Risk Assessment for Wundowie Townsite and surrounding rural residential subdivision

Vulnerable Area Risk Assessment - Wundowie Gazetted Town site and surrounding rural residential subdivisions (Supported by Wundowie BFB)			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	4	9
Wundowie Gazetted Town site and rural residential subdivisions (Currently the Wundowie VFRS gazetted brigade district)	Likelihood	Consequence	Risk Rating
<p>Characteristics Includes Wundowie Primary School, Hall, Library day care centre and numerous commercial, industrial and residential properties. Located in area surrounded to the north and east by significant reserve land.</p> <p>Hyde Dr Subdivision is predominately developed as a rural residential estate with approximately 60 lots. Numerous houses and associated buildings. Kep track is located to the north of the subdivision. Significant bushland to the east of the subdivision.</p> <p>Include established (Maringa Way, Olive Road) area and relatively new rural residential area (Acacia Retreat). Primarily developed for rural; residential and hobby farming purposes. Approximately 77 properties in the general area.</p> <p>Access Number of routes to the north and south Hyde Dr has a single road entry point into subdivision. Unconstructed road along northern end of the subdivision but not constructed. Semi-formal access to KEP track at end of Dawson Road.</p> <p>Maringer Way and Acacia Retreat have single road access to cul-de-sacs.</p>	4	3	12

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Vulnerable Area Risk Assessment - Wundowie Gazetted Town site and surrounding rural residential subdivisions (Supported by Wundowie BFB)			
Local Government Response Criteria	Target	Achieved	Total Incidents
<p>Specific Fire Management Plan prepared for Acacia Retreat with emergency exit direct to GEH</p> <p>Fire Threat External part of townsite Located within Bush Fire Prone area. Northern part of the townsite bordered by large reserves, DPAW has completed a burning program in recent years to mitigate the risk.</p> <p>Fire History There has been 18 reported fire incidents in the area in the past 5 years. The majority of fires are classified as low risk as were contained to private property.</p>			

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2.3.3 Risk Assessment for Wundowie Bushfire Brigade area (formerly within Bakers Hill Bushfire Brigade Area)

Vulnerable Area Risk Assessment - Wundowie Bushfire Brigade Area (Formerly Bakers Hill)			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	2
Maurovillo Estate Note Currently within the Wundowie BFB area (previously Bakers Hill)	Likelihood	Consequence	Risk Rating
Characteristics Newly developed rural residential estate located north west of the Wundowie townsite. New houses and associated infrastructure being developed. Significant reserve land to the south. Further lots (Stage 3) to be developed south of those existing. Longer term planning is for the area to be further developed for rural residential lots (refer Wundowie North-West Structure Plan). Access Extremely poor access, with single entry road being 3-5 kms long. Likelihood of residents becoming entrapped is very high. Currently single road entry and exit until adjoining land to the east is developed or gazetted road constructed. Fire Threat Located within Bush Fire Prone area Fire History 2 Fires in 2018, as this estate is still under development, this is expected to increase to more than once per year in the future.	5	5	25

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Vulnerable Area Risk Assessment - Wundowie Bushfire Brigade Area (Formerly Bakers Hill)			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	9
Bodeguero Subdivision Note Currently within the Wundowie BFB area (previously Bakers Hill)	Likelihood	Consequence	Risk Rating
<p>Characteristics Predominately developed rural residential estate with approximately 52 lots located south west of the Wundowie townsite and adjacent to El Cabello resort and golf course.</p> <p>Access Single Road entry exit point north from Great Eastern Highway. No gazetted road access to the north of the subdivision. Physical barrier of water pipeline preventing emergency escape to the north of the estate.</p> <p>Fire Threat Located within Bush Fire Prone area, multiple pockets of remnant vegetation with minimal mitigation works. Vast areas of swamp land which provided difficult access. If fire came from south east could cause catastrophic conditions due to access issues.</p> <p>Fire History There has been 9 reported fire incidents in the area in the past 5 years. The majority of fires are classified as low risk as were contained to private property.</p>	4	5	20

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Vulnerable Area Risk Assessment - Wundowie Bushfire Brigade Area (Formerly Bakers Hill)			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	1
Linley Valley Abattoir Note Currently within the Wundowie BFB area (previously Bakers Hill)	Likelihood	Consequence	Risk Rating
Characteristics Large abattoir with associated buildings, ponds and holding yards. Access Access from Linley Valley Road off GEH – alternate route available. Fire Threat Located within DFES Bush Fire Prone Area. Fire History 1 Fire in 2013.	3	3	9

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Vulnerable Area Risk Assessment - Wundowie Bushfire Brigade Area (Formerly Bakers Hill)			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	5
Doy/Gaden Road Subdivision Note Currently within the Wundowie BFB area (previously Bakers Hill)	Likelihood	Consequence	Risk Rating
<p>Characteristics Approximately 30 Larger Rural Smallholding lots used for hobby farming purposes located west of Wundowie townsite. Various areas of remnant vegetation. Majority of properties have dwellings and associated outbuildings Large area of remnant vegetation to the north</p> <p>Access Good Access with Grt Eastern Hwy & Linley Valley Road, Chedering Rd to the south or back into the Wundowie Townsite to the east.</p> <p>Fire Threat Located within Bush Fire Prone area, multiple pockets of remnant vegetation with high fuel loads and minimal mitigation works throughout the area.</p> <p>Fire History There has been 5 reported fire incidents in the area in the past 5 years. The majority of fires are classified as low risk as were either contained to private property or were a vehicle fire.</p>	3	3	9

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Vulnerable Area Risk Assessment - Wundowie Bushfire Brigade Area (Formerly Bakers Hill)			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	5
El Cabello Lifestyle Village Note Currently within the Wundowie BFB area (previously Bakers Hill)	Likelihood	Consequence	Risk Rating
<p>Characteristics Relatively new development for over 45's comprising individual houses and existing and proposed communal facilities. Currently approximately 35 houses in the development. Specific Fire Management Plan prepared for the estate. Expected to grow significantly in coming years – proposed approximately 220 units.</p> <p>Access One entry/exit road. Alternate emergency access route constructed to Great Eastern Highway and included as part of fire management plan. No gazetted road access to the north of the subdivision. Physical barrier of water pipeline preventing emergency escape to the north of the estate.</p> <p>Fire Threat Located within Bush Fire Prone area, multiple pockets of remnant vegetation with minimal mitigation works.</p> <p>Fire History There has been 5 reported fire incidents in the area in the past 5 years. The majority of fires are classified as low risk as either contained to private property or a vehicle fire.</p>	4	4	16

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Vulnerable Area Risk Assessment - Wundowie Bushfire Brigade Area (Formerly Bakers Hill)			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of Shire of Northam appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	10
Sims Road Subdivision Note Currently within the Wundowie BFB area (previously Bakers Hill)	Likelihood	Consequence	Risk Rating
Characteristics Approximately 20 Rural residential lots located north east of the Wundowie townsite. Larger Majority of properties have dwellings and associated outbuildings. Large area of remnant vegetation to the east and west. Access Fernie Road provides access to the north and south. Sims road provides access south only. Fire Threat Located within Bush Fire Prone area, large swathes of crown reserves & private property with high fuel loads of native vegetation. Fire History There has been 10 reported fire incidents in the area in the past 5 years. The majority of fires are classified as moderate risk as either contained to private property or a vehicle fire.	4	3	12

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2.3.4 Risk Assessment for Bakers Hill BFB Fire District

Vulnerable Area Risk Assessment - Bakers Hill Bushfire Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of Shire of Northam appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	13
Carlin Road Subdivision	Likelihood	Consequence	Risk Rating
<p>Characteristics Rural residential area located within a few kilometres of the Bakers Hill townsite. Is home to approximately 65 residents and is abutting heavily forested areas to the north and west of the subdivision. The east and south of the subdivision is predominantly rural farm and, with small pockets of forested areas.</p> <p>Access There are two main ways of getting into and out of the subdivision which is to the east and south.</p> <p>Fire Threat Located within Bush Fire Prone area Given that it could be assumed major fire fronts would come from the north and west, risk of residents being trapped in the area are low, with sufficient warning people will be able to escape any major fire hazard. Undulating land with high slope factor above 5 degrees.</p> <p>Fire History There have been 13 reported fire incidents in the area in the past 5 years, however six of these have been to the lower risk east and south areas.</p>	5	3	15

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Vulnerable Area Risk Assessment - Bakers Hill Bushfire Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of Shire of Northam appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	4	19
Koojedda/Jose Road Subdivision	Likelihood	Consequence	Risk Rating
Characteristics Rural residential area located north west of the Bakers Hill townsite. Surrounded to the east and north by significant reserve land. Predominately developed with houses and associated infrastructure. Access No formal road access/egress to the north of the subdivision. Fire Threat Located within Bush Fire Prone area Surrounded by DPAW & Shire reserves, heavy fuel loads/Jarrah forest. Undulating land with high slope factor above 5 degrees Fire History There have been 19 reported fire incidents in the area in the past 5 years, however most are classified as low risk as were contained to private property.	5	4	20

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Vulnerable Area Risk Assessment - Bakers Hill Bushfire Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of Shire of Northam appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	4	22
Bakers Hill Townsite	Likelihood	Consequence	Risk Rating
Characteristics Includes Bakers Hill Primary School, Recreation Centre, oval and numerous residential and commercial properties. Access Good access, with multiple egress routes. Fire Threat Located within Bush Fire Prone area. Low fuel loads within townsite, majority surrounded by agricultural land. Fire History There have been 22 reported fire incidents in the area in the past 5 years, however most are classified as low risk as were contained to private property.	5	4	20

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Vulnerable Area Risk Assessment - Bakers Hill Bushfire Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	4	8
Redcourt/Odriscoll, Subdivisions	Likelihood	Consequence	Risk Rating
Characteristics Rural residential subdivision south of Bakers Hill townsite comprising approximately 67 lots. Predominately developed with housing and associated infrastructure (with the exception of vacant lots in Gum Tree lane subdivision). Significant vegetation to the south and west of the area. Tree farms to the east and south east of the area.	4	4	16
Access Good access, with multiple egress, strategic firebreaks are installed with fire access gates.			
Fire Threat Located within Bush Fire Prone area, estates back onto large privately owned bush block, with extremely high fuel load.			
Fire History There has been 8 reported fire incidents in the area in the past 5 years, however most are classified as low risk as were contained to private property.			

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Vulnerable Area Risk Assessment - Bakers Hill Bushfire Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	4	4
Oyston Road/Glenmore Estate subdivision area	Likelihood	Consequence	Risk Rating
<p>Characteristics Approximately 90 rural residential lots located south west of the Bakers Hill townsite. New subdivisions on Oyston Road partially developed. Glenmore Estate predominately developed with a mixture of hobby farming and lifestyle properties. Significant property located to the north of Glenmore Estate.</p> <p>Access Oyston Road has direct access to GEH to the north and Inkpen Road to the south. Glenmore estate has access to the north east via Anderson Road and Oyston Road to the north west.</p> <p>Fire Threat Located within Bush Fire Prone area, Gleeson Hill & Cook St properties are vulnerable to large privately owned bush block with high fuel loads that impact the BPZ of surrounding properties, with minimal mitigation work. Large DPAW reserve to the south west, with very high fuel loads of native vegetation, with minimal mitigation work. High risk of fire inside the Inkpen Tip.</p> <p>Fire History There has been 12 reported fire incidents in the area in the past 5 years, however most are classified as low risk as were contained to private property.</p>	4	4	16

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Vulnerable Area Risk Assessment - Bakers Hill Bushfire Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	6	6
Inkpen Road Waste Disposal Site	Likelihood	Consequence	Risk Rating
Characteristics Existing waste Disposal Site surrounded by significant vegetation. Access Inkpen Road provides access to the north and south from the facility. Fire Threat Located within Bush Fire Prone area. Fire History There has been 6 reported fire incidents in the area in the past 5 years. As the majority of these were in the DPAW reserve that surrounds the refuse site, they have been classed as high - very high risk incidents.	4	4	16

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2.3.5 Risk Assessment for Inkpen BFB Fire District

Vulnerable Area Risk Assessment – Inkpen Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	4
Wundabinning Road Area	Likelihood	Consequence	Risk Rating
<p>Characteristics Area zoned "Rural "contains approximately 16 lots used for farming/grazing purposes. Most lots have dwelling and associated farm infrastructure located on them.</p> <p>Access Approximately 8 lots have single exit/entry point back to Great Southern Highway. Remaining lots have access direct to Great Southern Highway.</p> <p>Fire Threat Located within Bush Fire Prone area, estate is surrounded on 4 sides with dense bushland, with high fuel loads, and minimal mitigation work completed. Limited water supply for firefighting, no reticulated hydrants sole reliance on privately owned static supply.</p> <p>Fire History There has been 4 reported fire incidents in the area in the past 5 years, however most are classified as low risk as were contained to private property or were vehicle fires.</p>	3	4	12

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Vulnerable Area Risk Assessment – Inkpen Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	2	5
BGC Quarry and Horton Road Composting Facility	Likelihood	Consequence	Risk Rating
<p>Characteristics Significant quarry with crushing, blasting and processing occurring on-site. Numerous truck movements in and out of facility. Composting facility located on Horton Road north of the quarry.</p> <p>Access Quarry has direct access to Great Southern Highway. Composting facility has access south on Horton Road to Great Southern Highway. Appears to have informal access to the west off Horton Road via Carter Road in the Shire of Mundaring.</p> <p>Fire Threat Located within Bush Fire Prone area.</p> <p>Fire History There has been 5 reported fire incidents in the area in the past 5 years, however most of the threat has come from fires within the Mundaring Shire LG area.</p>	3	3	9

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2.3.6 Risk Assessment for Clackline BFB Fire District

Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	5	9
Clackline Townsite	Likelihood	Consequence	Risk Rating
Characteristics Small townsite located on Great Eastern Highway with hall, shop and post office a number of residential and rural residential lots. Contains approximately 30 mainly developed properties. Significant vegetation on north of Great Eastern Highway and areas of vegetation within the townsite. Access Direct access to Great Eastern Highway to the north. Multiple egress points to the North & South. Fire Threat Located within Bushfire prone area, multiple large scale reserves with increasingly high fuel loads, and minimal mitigation works completed. Undulating land with high slope factor above .5 degrees. Fire History There has been 9 reported fire incidents in the area in the past 5 years, however most are classified as low risk as were contained to private property or were vehicle fires.	4	3	12

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes Achieved = Total Number of appliances able to reach target Total Incidents = Total number of incidents reported within a 5yr period.	6	0	9
Spencers Brook Townsite	Likelihood	Consequence	Risk Rating
Characteristics Smaller settlement located on Spencers Brook Road with Tavern and numerous residential buildings. Contains approximately 60 residential lots and numerous undeveloped lots west of the settlement. Generally surrounded by farming properties. Spencers Brook runs to the north of the town and Avon River is approximately 1.1 km to the east.	4	3	12
Access Located on Spencers Brook Road, good egress to Spencers Brook/York Rd.			
Fire Threat Located within Bushfire prone area, mostly agricultural land, with remnant vegetation alongside Avon River, and old railway reserve.			
Fire History There has been 9 reported fire incidents in the area in the past 5 years, however most are classified as moderate risk as were contained to private property or were vehicle fires.			

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	0	7
Muresk Institute	Likelihood	Consequence	Risk Rating
Characteristics Significant tertiary institution located approximately 18 km south of Northam townsite adjacent to the Avon River. Currently comprises a number of educational buildings including classrooms, lecture theatres, laboratories, accommodation units, social facilities and a working farm. Current has single privately owned Light tanker for fire suppression purposes. Has own Safety Management Plan. Reticulated water supply throughout site.	3	3	9
Access Single formal access point being Muresk Road. Secondary alternate exit across Avon River to York Spencers Brook Road.			
Fire Threat Small portion of education area within Bushfire prone area. Portion of the farm located within bushfire prone area.			
Fire History There has been 7 reported fire incidents in the area in the past 5 years, however are classified as moderate risk as were contained to private property or were vehicle fires.			

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	2	10
Detention Centre	Likelihood	Consequence	Risk Rating
Characteristics Immigration detention centre located 2.8 km west of Northam on Federal Government land being the form Northam Army Camp. Centre contains numerous accommodations units, offices and recreation areas. Northam Army Camp located to the west and vegetation located to the south west. Federal land and is not subject to the Shires Firebreak notice requirements. Has accommodation for up to 800 plus staff and associated subcontractors. Specific arrangements in place in case of emergency although not known to local emergency management personnel.	5	5	25
Access Formal access located on Mitchell Avenue with informal access to Great Eastern Highway via existing Army Camp access point. Will not be allowed access into camp for asset protection. Would not risk firefighter safety by entering premises without adequate assistance from law enforcement. Residents are locked down with no escape.			
Fire Threat Located within bushfire prone mapping area, highly flammable construction methods, remnant vegetation with moderate to high fuel loads surround facility, undulating land with slope factor above 5 degrees.			

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Low bushfire fuel hazard within compound itself due to grounds keeping requirements.			
Fire History There has been 10 reported fire incidents in the area in the past 5 years, however are classified as moderate risk as were contained to private property.			

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	2	1
Springhill Recovery Centre	Likelihood	Consequence	Risk Rating
Characteristics Former army training centre currently utilised as a recovery centre. Comprises a number of buildings including accommodation units, kitchen and function centre, recreation buildings and houses. Located adjacent to Avon River (opposite side of Spencers Brook Road). Contains some vegetation and pasture land (former golf course) on-site and vegetation to the north east of the site. The site has a specific Bushfire Management Plan.	3	4	12
Access Single direct access to Spencers Brook Road.			
Fire Threat Buildings are located within Bush Fire Prone mapping area. River course can act as corridor for fire travel, undulating land with excess of 5 degree slope factor. BPZ poorly maintained, with high fuel loads encroaching on building perimeter fence.			
Fire History There has been 1 reported fire incidents in the area in the past 5 years.			

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	3	12
Leeder Road/Mokine Area	Likelihood	Consequence	Risk Rating
Characteristics Rural smallholdings estate located between Spencers Brook townsite and Clackline. Consists of approximately 85 properties that are mainly hobby farms/lifestyle lots with numerous dwellings and associated infrastructure. Numerous lots have vegetation on them, surrounding land uses are pasture/grazing. More significant vegetation to the west. Has minimal reticulated water supply and a hydrants, a standpipe. Access Several cul-de-sacs (Moondyne, Boondine, Harvey and Avra Anson Roads that prevents emergency exit to the south. No strategic firebreaks or emergency access/exit points. Fire Threat Located within bush fire prone area, large swathes of reserves with high fuel loads and minimal mitigation work. Fire History There has been 12 reported fire incidents in the area in the past 5 years, however are classified as moderate risk as were contained to private property.	4	4	16

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	5	21
Breen Rise /Raymond Crt, & Benruea Area	Likelihood	Consequence	Risk Rating
Characteristics Approximately 60 Rural residential and rural small holdings lots located to the south west of Clackline townsite. Mixed use of hobby farming and lifestyle lots. Some lots contain significant vegetation. Access Several cul-de-sacs (Raymond Court, Virginia Court, Breen Rise) that connect to strategic firebreaks/emergency access points. Fire Threat Located within bush fire prone area, extreme slopes above 10 degrees, high to extreme fuel loads, with difficult terrain and limited access. Fire History There has been 21 reported fire incidents in the area in the past 5 years, mostly escaped burns that were extinguished before they became a greater threat.	5	5	21

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	5	17
Railway Road Area	Likelihood	Consequence	Risk Rating
<p>Characteristics Approximately 30 rural smallholding lots located north of the Clackline townsite and GEH. Mixture of hobby farming and lifestyle (vegetated lots). Significant vegetation to the west. Vegetation to the east between Railway Parade and Clackline-Toodyay/Eadine Roads</p> <p>Access Several cul-de-sacs including Lukin, Connor and Railway Roads. Several access roads from Railway Road to Clackline-Toodyay Road and Eadine Road. 1 Timber bridge on Eadine Rd that could potentially be the only escape route dependant on if fire approach is from the SW.</p> <p>Fire Threat Located within bush fire prone area, heavy fuel loads in multiple DPAW, minimal mitigation reserves.</p> <p>Fire History There has been 17 reported fire incidents in the area in the past 5 years, made up of a mixture of vehicle and road verge areas.</p>	5	5	25

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Vulnerable Area Risk Assessment – Clackline Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	5	6
Paynter Road/Searle Drive & Smith Road Area (Bobakine)	Likelihood	Consequence	Risk Rating
<p>Characteristics Approximately 15 rural residential lots located off Smith Road. Primarily lifestyle lots with majority of lots vegetated. Significant vegetation to the north and west. Reserve 42432(Bobakine Nature Reserve) and lot m1375(private owned) contains significant vegetation.</p> <p>Smith Rd - approximately 25 rural lots located at the end of Smith Road used for both agricultural and lifestyle purposes. Several lots contains significant vegetation. Reserve 43077 and lot 322 owned by the Ste of WA contain significant vegetation.</p> <p>Access Searle Drive and Paynter Road are cul-de-sacs and provide only means of entry/exit to the properties. Unconstructed road reserve at end of Paynter Road (approximately 3 km in length) to area adjacent to Clackline-Toodyay Road.</p> <p>Smith Road is a cul-de-sac which runs generally north from Eadine Road with no means of exit to the north.</p> <p>Fire Threat Located within bush fire prone area, heavy vegetation surrounding each subdivision, DPAW Bobakine Reserve and undulating terrain with slope factor around 10 degrees. Due to the slope raising up from the estate, it reduces the threat of</p>	3	3	9

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fire but may cause winds to become unpredictable.			
Fire History There has been 6 reported fire incidents in the area in the past 5 years, several were escaped burns and there was lightning strikes as the cause of the majority of the fires.			

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2.3.7 Risk Assessment for Southern Brook BFB Fire District

Vulnerable Area Risk Assessment – Southern Brook Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 60 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	2	7	3
Nil	Likelihood	Consequence	Risk Rating
Characteristics Nil. Access Nil. Fire Threat Nil. Fire History There has been 3 reported fire incidents in the area in the past 5 years, over the entire fire district.			

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2.3.8 Risk Assessment for Grass Valley BFB Fire District

Vulnerable Area Risk Assessment – Grass Valley Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	1	4
Grass Valley Townsite	Likelihood	Consequence	Risk Rating
<p>Characteristics Townsite surrounded by rural residential/lifestyle lots. Includes Hall, Tavern, Post Office and associated residential infrastructure. Approximately 80 mainly developed separate properties. Some expansion of the rural residential properties to the west of the town proposed. Great eastern Highway located to the north of the townsite and Pert-Adelaide Railway line separates the residential lots to the rural residential lots to the west. Generally surrounded by farmland.</p> <p>Access Main access and egress points are to GEH to the north and Muluckine Road to the south west.</p> <p>Fire Threat Part of the townsite and areas to the south east are located within Bush Fire Prone area, mainly surrounded by agricultural properties, with several small parcels of regrowth vegetation with low fuel loads.</p> <p>Fire History There has been 4 reported fire incidents in the area in the past 5 years, 1 of which was a structure fire, the remainder where from escaped burns.</p>	3	3	9

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Vulnerable Area Risk Assessment – Grass Valley Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	1	7
Seabrook	Likelihood	Consequence	Risk Rating
<p>Characteristics Residential lots located adjacent to Mortlock River. Primarily used for residential/lifestyle purposes. Approximately 45 separate properties. Perth-Adelaide railway line located to the north. Seabrook Battery reserve located to the east and Mortlock River to the west. Generally surrounded by broad acre farming properties to the north and east, hobby farms to the south.</p> <p>Access Access East & West is via Muluckine Road, and across the railway line via Hunter Rd.</p> <p>Fire Threat Significant number of houses (approx. 30-32) within Located within Bush Fire Prone area, surrounded by agricultural land, with pockets of vegetation along the Mortlock River. Seabrook Reserve has had mitigation works conducted in 2017.</p> <p>Fire History There has been 7 reported fire incidents in the area in the past 5 years, 1 of which was a structure fire, the remainder where from escaped burns.</p>	4	3	12

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Vulnerable Area Risk Assessment – Grass Valley Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	3	1
Avon Industrial Park	Likelihood	Consequence	Risk Rating
<p>Characteristics Heavy industrial area located approximately 17 kms west of Northam and 6 km east of Grass Valley. Currently houses various industrial sheds and land uses on 11 separate lots. Number of lots available for development and significant areas zoned for development. Surrounded by farming/grazing land to the west and east, railway line and remnant vegetation to the north and large remnant vegetation area to the south.</p> <p>Access Access in and out is via Leeming Rd onto the Grt Eastern Hwy to the North, or Grass Valley South Rd to the South.</p> <p>Fire Threat Portions of individual lots within the Bush Fire Prone area.</p> <p>Fire History There has been 1 reported fire incidents in the area in the past 5 years, which was a structure fire.</p>	2	3	6

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Vulnerable Area Risk Assessment – Grass Valley Brigade Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	3	3
Northam-York Road Lifestyle Lots	Likelihood	Consequence	Risk Rating
Characteristics Approximately 25-30 rural lifestyle lots located along York-Northam Road and adjoin the Mortlock River. Primarily used for hobby farming purposes. Mortlock River at rear of properties. Access Most lots have direct access onto Northam-York Road. Fire Threat Majority of properties are either wholly or partially within the Bush Fire Prone area, largest risk is from the proximity to the Mortlock River. Fire History There has been 3 reported fire incidents in the area in the past 5 years, which only 1 was a scrub fire, the remainders where a structure fire and a vehicle fire.	3	3	9

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Vulnerable Area Risk Assessment – Northam Townsite Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	5	12
Avon Yards/CBH Complex	Likelihood	Consequence	Risk Rating
Characteristics Significant rail and marshalling yards and regional CBH grain handling facility located on Northam-Toodyay Road. Within Northam VFRS district but likely BFB required for major incident. Located on Perth-Adelaide Rail Line and Northam-Toodyay Road. Avon River located to the north. Cropping and grazing land located to the south and west, GEH located to the east and landfill facility to the south east.	4	3	12
Access Direct to Northam-Toodyay Road.			
Fire Threat The highest threat for this area is from the road/rail reserve and the animal strikes along the power infrastructure within the area.			
Fire History There has been 12 reported fire incidents in the area in the past 5 years, the Majority were landscape fires, however there was multiple fires within the road/rail reserve as well as fires started by birds striking powerlines.			

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Vulnerable Area Risk Assessment – Northam Townsite Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	5	9
Old Quarry Landfill Site	Likelihood	Consequence	Risk Rating
Characteristics Significant landfill facility located to the west of the Northam townsite. Located within valley and has remanet vegetation surrounding active tip face. Has existing Fire Management Plan and network of existing firebreaks. Would have significant environmental issues if a major fire was to occur. Currently within Northam VRFS district but likely BFB called for assistance.			
Access Single entry/exit point from Old Quarry Road.			
Fire Threat The highest threat for this area is from the road/rail reserve and the animal strikes along the power infrastructure within the area, there has also been several escaped farmer burns in the area adjacent to the tip in the refuse site in the past 5 yrs.	4	4	16
Fire History There has been 9 reported fire incidents in the area in the past 5 years, the Majority were landscape fires, however there was multiple fires within the road/rail reserve as well as fires started by birds striking powerlines. There has also been a large green waste fire within the facility itself.			

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Vulnerable Area Risk Assessment – Northam Townsite Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	6	10
West Industrial Area	Likelihood	Consequence	Risk Rating
<p>Characteristics Partially developed industrial area on the western extremity of the Northam townsite. Major land uses include hay processing facility, earthmoving/landscaping supply business, Water Corporation treatment plant and storage dams and several vacant properties. Has potential for expansion in the future. Perth-Adelaide rail line and Avon River located to the north. Currently within Northam VRFS district but likely BFB called for assistance.</p> <p>Access Direct to Northam-Toodyay Road and GEH.</p> <p>Fire Threat The highest threat for this area is from the road/rail reserve and the animal strikes along the power infrastructure within the area. High fuel loads along river area and difficult topography make it almost essential that air support is utilised as a priority. The Hay facility has also been designated as a Zone 3 response area by DFES for increased mobilisation during the high threat period.</p> <p>Fire History There has been 10 reported fire incidents in the area in the past 5 years, the Majority were landscape fires, however there was multiple fires within the road/rail reserve as well as fires started by birds striking powerlines.</p>	5	4	20

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Vulnerable Area Risk Assessment – Northam Townsite Area			
Local Government Response Criteria	Target	Achieved	Total Incidents
Target = Total number of units able to get to area within 30 minutes. Achieved = Total Number of appliances able to reach target. Total Incidents = Total number of incidents reported within a 5yr period.	6	4	6
East Industrial Area	Likelihood	Consequence	Risk Rating
Characteristics Partially developed industrial area on the eastern extremity of the Northam townsite. Major land uses include machinery sales, workshops, Northam Turf Club, Truck assembly Area and roadhouse currently under construction. Northam caravan park located in the precinct. Has potential for expansion in the future. Northam-Goomalling rail line and Mortlock River located in area. Currently within Northam VRFS district but likely BFB called for assistance.			
Access Direct to Yilgarn Avenue and GEH	3	3	9
Fire Threat The highest threat for this area is from the road/rail reserve and the animal strikes along the power infrastructure within the area. Several fires to the East of this area are from escaped farmer burns.			
Fire History There has been 9 reported fire incidents in the area in the past 5 years, the Majority were landscape fires, however there was multiple fires within the road/rail reserve as well as fires started by birds striking powerlines. There has also been a large green waste fire within the facility itself.			

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2.4 Identification and Assessment of Bushfire Brigades

A critical element to the ability of the Shire of Northam to manage potential bushfires goes beyond the simple physical infrastructure assessment. The volunteers who form our various bushfire brigades are the community's most valuable asset. As such an assessment of each brigade's capacity has been undertaken, based on the information provided in section 2 of this report. The matrix has been developed utilising the likelihood and consequence table applied in section 9.3.1

Brigade	Risk statement	Consequence	Likelihood	Risk Rating
Bakers Hill Brigade	Cover significant area, including Wundowie			
	Low membership base of volunteers			
	New members not being attracted to the brigade			
	Relatively small number of recently active members			
Clackline Brigade	Ageing membership base			
	Not attracting new members			
	Small number of recently active members			
	Poor response/turnout times			
Irishtown Brigade	Ageing membership			
	Not attracting new members			
	Very small number of recently active members			
	Potentially insufficient membership to utilise available appliances			
	Poor response/turnout times			
Jennapullin Brigade	No active members			
	No appliance			
Southern Brook Brigade	Not attracting new members			
	No recently active members			
Grass Valley Brigade	Not attracting new members			
	Poor response/turnout times			
Inkpen	Ageing membership			
	Not attracting new members			
	Small number of recently active members			

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3. Stage 3 – Prioritised Area Risk Reduction & Control

This section focuses on risk controls and treatments. In undertaking this section consideration has been given to the potential methods for risk reduction in general (e.g. fuel load, education, resource availability, appliance mix). Assessments around water availability, access to third party equipment (including adjoining Shire resources).

The below table has been populated based on the information and assessments undertaken in stages one, two and three. This table indicates the critical risks identified utilising the WARR tool and documents the identified options for mitigation and ultimately which mitigation options will be adopted.

This section is proposed to be completed at the proposed Workshop.

Risk Control and Treatment Schedule						
Prioritised Risk Statements	Risk Controls / Options	Impact (High/Low/Medium)	Feasibility (High/Medium/Low)	Adopt (Y / N)	Responsible Position.	Agreed Completion by Date
Bakers Hill Area (including new Wundowie BFB area)						
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						
Wundowie Townsite and rural residential subdivisions						
Mauriville Estate						
Bodeguero Way subdivision						
Linley Valley Abbatior						
Doy Road Subdivision						
El Cabello Lifestyle Village						
Sims Road Subdivision Area						
Carlin Rd Subdivision	More detailed assessment of	High	High	Y	EMC	2019

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Risk Control and Treatment Schedule						
Prioritised Risk Statements	Risk Controls / Options	Impact (High/Low/Medium)	Feasibility (High/Medium/Low)	Adopt (Y / N)	Responsible Position.	Agreed Completion by Date
	current fuel loads to the north and west					
	Ensure all fire breaks are in place – physical November Inspection	Medium	High	Y	EMC	Annual
	Promote individual bushfire preparedness planning in the area – October / November annually	Medium	High	Y	EMC	Annual mail merge to area
	Acknowledge that Wundowie VFRS are able to get to the subdivision entry point within the 30 minutes	High	High	Y	WVFRS	In place

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Risk Control and Treatment Schedule						
Prioritised Risk Statements	Risk Controls / Options	Impact (High/Low/Medium)	Feasibility (High/Medium/Low)	Adopt (Y / N)	Responsible Position.	Agreed Completion by Date
Kooljeda Road subdivision						
Bakers Hill Townsite						
Orchid Valley Subdivision (Redcourte/O Driscoll)						
Glenmore and Oyston Road subdivisions						
Inkpen Road Waste Disposal Facility						
Rural Broad Acre (within 1 hour)						
Inkpen BFB						
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						
Wundabinning Road						
BGC Quarry/Composting Facility						
Rural Broad Acre (within 1 hour)						
Clackline						
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						
Clackline Townsite						
Spencers Brook Townsite						
Muresk Institute						
Detention Centre						
Springhill Recovery Centre						
Leeder Road Area						

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Risk Control and Treatment Schedule						
Prioritised Risk Statements	Risk Controls / Options	Impact (High/Low/Medium)	Feasibility (High/Medium/Low)	Adopt (Y / N)	Responsible Position.	Agreed Completion by Date
Breen Rise/ Benrua Road Area						
Railway Road Area						
Paynter Road Area						
Smith Road Area						
Rural Broad Acre (within 1 hour)						
Rogers Road Area						
Spencer Brook Road Area						
IrishTown						
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						
Frenches Siding						
Rural Broad Acre (within 1 hour)						
Jennapullin						
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						
Abattoir Goomalling Road						
Rural Broad Acre (within 1 hour)						
Southern Brook						
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						

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Risk Control and Treatment Schedule						
Prioritised Risk Statements	Risk Controls / Options	Impact (High/Low/Medium)	Feasibility (High/Medium/Low)	Adopt (Y / N)	Responsible Position.	Agreed Completion by Date
Nil						
Rural Broad Acre (within 1 hour)						
Grass Valley Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						
Townsite						
Seabrook						
Avon Industrial Park						
York-Northam Lifestyle lots						
Rural Broad Acre (within 1 hour)						
General						
Hooper/Parker/DuckPool/Quamkadiine						
Northam Townsite Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)						
Avon Rail Yards and CBH Facility						
Old Quarry Waste Disposal Site						
West Industrial Area (Toodyay Road)						
East Industrial Area (Yilgarn Avenue)						

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4. Stage 4 – Revised Risk Assessment following mitigation and control

The following revised risk assessment has been undertaken in the context of the significant risks identified and the proposed control and / or treatments identified as a result of these mitigation strategies. This indicates the perceived risk levels after mitigation.

Please note that this will be completed by staff following the workshops.

Brigade	Risk statement	Revised Consequence	Revised Likelihood	Revised Risk Rating	Original Risk Rating	Notes
Bakers Brigade	Hill Carlin Rd Subdivision	2	2	4	12	Wundowie VFRS are able to get their 2 units to the entry point of the subdivision with the required 30 minutes. The creation of a 2-unit Wundowie Brigade would also meet these criteria, thus ensuring that 6 units would be available onsite within 30 minutes
	Koojeda Road subdivision					
	Bakers Hill Townsite					
	Orchid Valley Subdivision					
	Wundowie Townsite					
	Hyde Drive Subdivision (Wundowie)					
	Olive Road, Marina Way, Acacia Rd Area					
	Maurville Estate					
	Bodeguero Way subdivision					
	Linley Valley Abattoir					
	Day Road Subdivision					

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Clackline Brigade	Carlton Rd Subdivision				
	Koajedda Road subdivision				
	Bakers Hill Townsite				
	Orchid Valley Subdivision				
	Wundowie Townsite				
	Hyde Drive Subdivision (Wundowie)				
	Olive Road, Marina Way, Acacia Rd Area				
	Maurivilla Estate				
Irishtown Brigade	Badleguero Way subdivision				
	Linley Valley Abattoir				
	Trenches Sliding subdivision				
Jannapullin Brigade	Abbotair				
Southern Brook Brigade	Nil				
Grass Valley Brigade	Townsite				
	Seabrook				
	Avon Industrial Park				
	York-Northam Road Lifestyle lots				
Inkpen	Wundabinning Road				

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Brigade	Risk statement	Revised Consequence	Revised Likelihood	Revised Risk Rating	Original Risk Rating	Notes
Bakers Hill Brigade	Cover significant area, including Wundowie					
	Low membership base of volunteers					
	New members not being attracted to the brigade					
	Relatively small number of recently active members					
Clackline Brigade	Ageing membership base					
	Not attracting new members					
	Small number of recently active members					
	Poor response/turnout times					
Irishtown Brigade	Ageing membership					
	Not attracting new members					
	Very small number of recently active members					
	Potentially insufficient membership to utilise available appliances					
Jannapullin Brigade	Poor response/turnout times					
	No active members					
Southern Brook Brigade	No appliance					
	Not attracting new members					
Grass Valley Brigade	No recently active members					
	Not attracting new members					
Inkpen	Poor response/turnout times					
	Ageing membership					
	Not attracting new members					
	Small number of recently active members					

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5. Stage 5 – Additional resource requirements and/or proposed internal resource reallocation

To be completed in consultation with a working group to be established by the Shire of Northam Bushfire Advisory Committee. This assessment will identify additional resources required to provide minimum level of protection to the community in the case of Level 1 incident and prioritise. If additional resources outside the ability for the Shire of Northam to source locally (e.g. appliance, building), these requirements will be documented on the ESL Grant Request Form. Consideration will be given to the appliance type most suitable to meet Level 1 fire response criteria.

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Appendix 1

	Bakers Hill BFB	Wundowie VFRS	Inkpen BFB	Northam VFRS	Grass Valley BFB	Southern Brook BFB	Irishtown BFB	Clackline BFB	Total Units within 30 minutes	Total Units within 60 minutes
Bakers Hill Area (including new Wundowie BFB area)										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										
Wundowie Townsite and Hyde Drive, Acaia Retreat, Olive Road rural residential subdivisions	2	2							4	
Maurivillo Estate		2							2	
Bodeguero Way subdivision		2							2	
Linley Valley Abbatoir		2							2	
Doy Road Subdivision		2							2	
El Cabelo Lifestyle Village		2							2	
Sims Road Subdivisions Area										
Carlin Rd Subdivision	2								2	
Koojeda Road subdivision	2	2							4	
Bakers Hill Townsite	2	2							4	
Orchid Valley Subdivision (Redcourt, O'Driscoll)	2								2	
Glenmore and Oyston Road subdivisions	2	2	2						6	
Inkpen Road Waste Disposal Facility	2	2	2						6	

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	Bakers Hill BFB	Wundowie VFRS	Inkpen BFB	Northam VFRS	Grass Valley BFB	Southern Brook BFB	Irish Town BFB	Clackline BFB	Total Units within 30 minutes	Total Units within 60 minutes
Rural Broad Acre (within 1 hour)	2	2	2	2				3		11
Inkpen BFB										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										
Wundabinning Road			2						2	
BGC Quarry/Composting Facility									0	6
Rural Broad Acre (within 1 hour)	2	2	2							6
Clackline										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										
Clackline Townsite	2							3	5	
Spencers Brook Townsite									0	
Muresk Institute									0	

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	Bakers Hill BFB	Wundowie VFRS	Inkpen BFB	Northam VFRS	Grass Valley BFB	Southern Brook BFB	Irish Town BFB	Clackline BFB	Total Units within 30 minutes	Total Units within 60 minutes
Rural Broad Acre (within 1 hour)	2		2	2	1		3	3		13
Rogers Road Area					1	1	3	0		5
Spencer Brook Road Area					1		3	3		7
Irish Town										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										
Frenches Siding							2		2	
Rural Broad Acre (within 1 hour)					1		3	3		7
Jennapullin										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										

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	Bakers Hill BFB	Wundowie VFRS	Inkpen BFB	Northam VFRS	Grass Valley BFB	Southern Brook BFB	Irishtown BFB	Clackline BFB	Total Units within 30 minutes	Total Units within 60 minutes
Abattoir Gormalling Road				2					2	
Rural Broad Acre (within 1 hour)					1		2			3
Southern Brook										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										
Fill										
Rural Broad Acre (within 1 hour)				2	1	1	3			7
Grass Valley										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										
Townsite					1				1	
Seabrook				2	1				3	
Avon Industrial Park						1			1	
York-Northam Lifestyle lots				2		1 (northern part only)			3 (northern part only)	
Rural Broad Acre (within 1 hour)										
General				2	1	1	3			7

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	Bakers Hill BFB	Wundowie VFRS	Inkpen BFB	Northam VFRS	Grass Valley BFB	Southern Brook BFB	Irishtown BFB	Clackline BFB	Total Units within 30 minutes	Total Units within 60 minutes
Hooper/Parker/DuckPool/Quamkadiine				2	1	1				4
South East Extremity, (refer to Maps)										0
Northam Townsite										
Settlement/Townsite/Rural Residential Area/Critical Infrastructure (within 30 minutes)										
Avon Rail Yards and CBH Facility				3			3		6	
Old Quarry Waste Disposal Site				3			3		6	
West Industrial Area (Toodyay Road)				3			3		6	
East Industrial Area (Yilgarn Avenue)				3	1 (eastern portion only)				4 (eastern only)	

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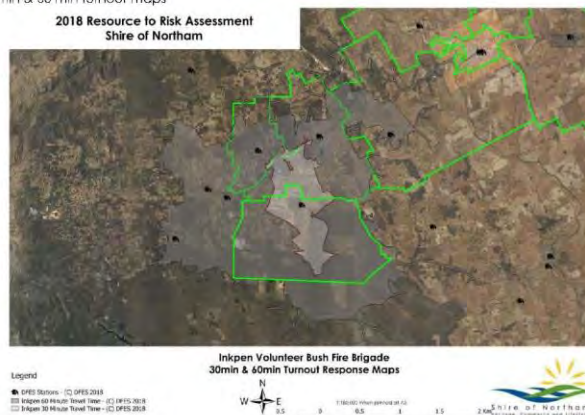
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Appendix 2
Shire of Northam Bushfire Brigade Response Time Maps
Inkpen BFB 30 min & 60 min turnout maps



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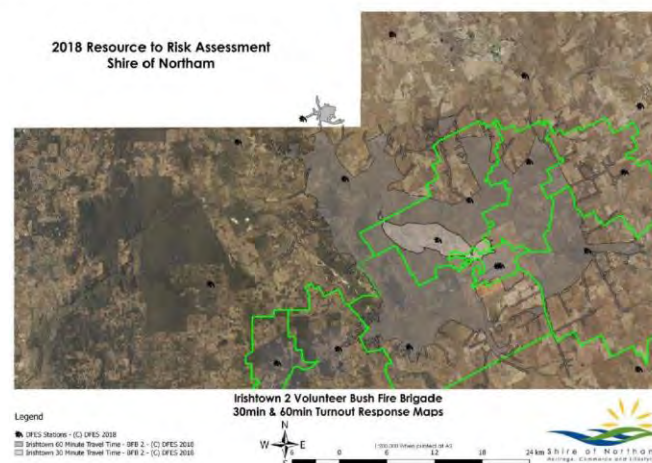


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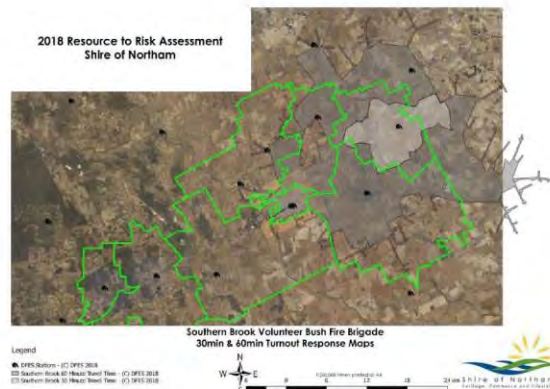
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Southern Brook 30min & 60 min turnout map



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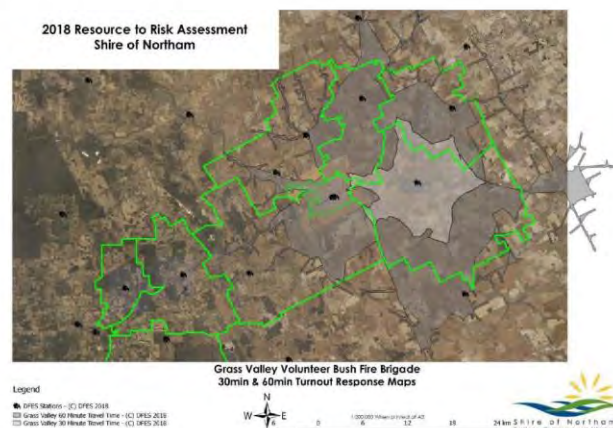
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Grass Valley 30min & 60 min Turnout map



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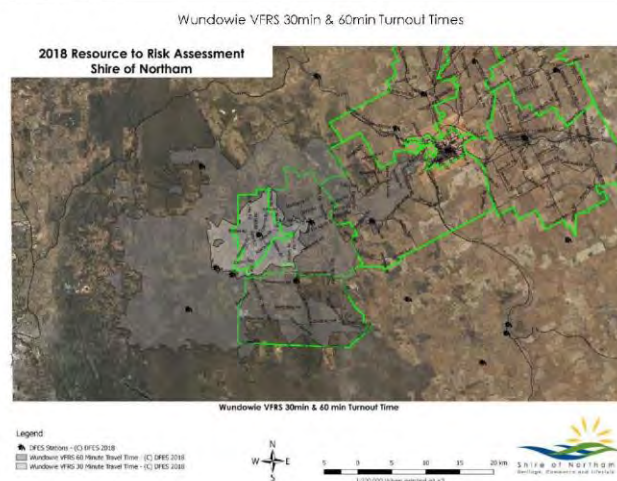


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6. MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

MOTION

Minute No: BFAC.204

Moved: MR Sam Moss

Seconded: Mr Brett Smith

Grass Valley Bush Fire Brigade requests that BFAC and Council endorse that if the current Risk to Resource Review is not completed and implemented prior to the onset on the 2018/19 fire season, that Grass Valley BFB is transferred a second appliance from another brigade from within the Shire of Northam to be stationed in Grass Valley until the Risk to Resource is completed and implemented.

LOST 2/7

A debate was held in relation to the Grass Valley Bush Fire Brigade requesting a second firefighting unit be made available for them to use. They stated that they can man the unit and believe that the unit would be utilised often due to the large territory of town that needs to be covered in case of a fire. They also believe that this will reduce the workloads of other brigades having to assist in any fires in their areas.

Clarification was sought in relation to the following items:

- Why is Irishtown Bush Fire Brigade being the target for the unit to be relocated from? The representative for Grass Valley Bush Fire Brigade advised that they were not targeting Irishtown it was only used as an example as Irishtown had less callouts than Grass Valley but had 3 units to man the fires compared to Grass Valley only having 1 unit.
- The Chief Executive Office clarified that as the notice of motion is currently written, it would be up to Council to determine what unit was reassigned.

Background:

As previously established in prior Risk to Resource reviews and elsewhere, Grass Valley BFB urgently require a second appliance. Reasons include: Large size and variance of territory, multiple town sites and industrial park, lack of other fire resources in the eastern half of the Shire of Northam, etc. It is understood that there are currently underutilised fire appliances within the Shire which DFES can reallocate outside the Shire. As such, Grass Valley request the transfer of a

Bush Fire Advisory Committee Meeting Agenda
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unit from a brigade that has multiple units, one of which is underutilised, to Grass Valley, such as a Irishtown Light Tanker.

The Grass Valley BFB will continue to support other Brigade districts through the turning out to incidents in other areas, and believe that a second appliance will further enhance our ability to do this while not leaving the eastern side of the Shire exposed.

Officers Comment:

Whilst it is acknowledged that the Grass Valley BFB has been campaigning for a second appliance, officers recommend that as the R2R is almost at the completed stage it would be premature to reallocate an appliance now.

7. URGENT BUSINESS APPROVED BY PERSON PRESIDING OR BY DECISION

A discussion was held in relation to the use of the Brigades hand held radio transmitters and if there was a need to do a radio check, roll call and weather update every morning.

8. DATE OF NEXT MEETING

January/February 2019, date to be confirmed.

9. DECLARATION OF CLOSURE

There being no further business the Presiding Member, Terry Little declared the meeting closed at 6:45pm.

"I certify that the Minutes of the Bush Fire Advisory Committee meeting held on Monday, 20th August 2018 have been confirmed as a true and correct record."

_____ Presiding Member

_____ Date

12. OFFICER REPORTS

12.1 **CEO'S** Office

12.2 ENGINEERING SERVICES

12.2.1 Tender 7 of 2018 – Supply and Lay Artificial Hockey Playing Surface

Address:	Bert Hawke Reserve, Northam
Owner:	Shire of Northam
Applicant:	Shire of Northam
File Reference:	8.2.9.1
Reporting Officer:	Sue Connell
Responsible Officer:	Clinton Kleynhans
Officer Declaration of Interest:	Jason Whiteaker – Chief Executive Officer -impartiality as a current member of the Northam hockey club
Voting Requirement:	Majority
Press release to be issued:	Yes

BRIEF

For Council to approve the award of RFT 7 of 2018 for Supply and Lay Artificial Hockey Playing Surface (subject to conditions).

ATTACHMENTS

Attachment 1: Evaluation Report (confidential)

Attachment 2: Evaluation Matrix (confidential)

BACKGROUND / DETAILS

Request for tenders were called on the 6th October 2108 in the West Australian. The tender closed on Friday 31st October 2018.

Tenderers were invited to provide a tendered price to deliver works under contract to Supply and Lay an Artificial Hockey Playing Surface as directed by the Principal or its nominated representative.

Employee's present at the tender opening were Councils Governance Officer and Executive Manager Engineering Services.

Tenders were independently assessed by the Executive Manager Community Services, Executive Manager Developments Services, and Purchasing Officer.

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area: Community Wellbeing

Outcome: 2.2 – There are a variety of recreation and leisure activities available for all ages, across the Shire of Northam.

Objective: Maintain a range of sporting facilities in Northam, as expected of a Regional Centre.

To have well maintained reserves within the Shire of Northam.

Financial / Resource Implications

An amount of \$400,000 has been included in the adopted 2018/19 Budget for the delivery of this project.

The following budget summary is provided for stage one of the turf project, stage 2 (which includes lighting, electronic scoreboard, additional perimeter fencing and spectator seating) is currently subject to a Federal Grant application which is due to be announced in late December 2018. In the event this funding is unsuccessful, the hockey club will look at alternative grant opportunities. Stage 1 can however continue in isolation.

HOCKEY TURF BUDGET ESTIMATES						
					ALL FIGURES EX GST	
					QUOTE	PROPOSED
Base costs	DSR Budget				175,625	
	ACTUAL					175,625
Asphalt & Kerbing	Supercivil	A & K	3 quotes received		121,293	121,293
Shockpad	TT		Tendered		358,870	358,870
Fencing	Midalia	materials	Quotes received		12,500	12,500
TOTAL TURF INSTALL						668,288
				Funded By:-		
				Northam Hockey Assoc Cash	-	6,363
				Northam Hockey Assoc - secured sponsorship	-	261,925
				Shire of Northam	-	400,000
TOTAL TURF FUNDING						-668,288

The Hockey Association have an additional \$30,000 in cash available for contingency. If this is not required, the intent is to utilise these funds to leverage stage 2 through the State CSRFF if the Federal application is unsuccessful.

Legislative Compliance

Section 3.57 of the Local Government Act 1995;

Local Government (Functions & General) Regulations 1996 prescribe the manner that Tenders are called and awarded.

In addition to the above, Council has an adopted Policy with respect to Regional Price Preference as set out below:

Policy Implications

"F 3.4 Regional Price Preference"

Policy: Council's Regional Price Preference for locally produced goods and services will apply to all goods and services for which tenders are let, unless the Shire of Northam determines otherwise, and is to be:

Up to 10% where the contract is for goods or services (including construction (building) services), up to the maximum price reduction of \$100,000, if the Local Government is seeking tenders for the provision of those goods or services for the first time due to those goods or services having been, until then, undertaken by the local government

This policy has been applied within the tender assessment process.

Stakeholder Engagement / Consultation

The Hockey Association have been consulted in relation to their preferred surface.

Risk Implications

- Reputational – Low
 - In the event there is an issue with the project, Council risks a level of reputational damage. This is considered more of a risk as various elements of the project are being delivered independent to the Council
- Financial - Low
 - No significant financial concern as Council has a set budget.
- Compliance - Medium
 - As the site works are being undertaken by a third party, as an in-kind contribution to the project, there is a risk in the event the works do not meet specification. This is being mitigated by the requirement for a geotechnical assessment of the works prior to the asphalt being laid, whilst the asphalt specification provided by the turf supplier is being provided to the contractor to ensure

compliance. Engineering Services staff will sign off on these elements as hold points for the project.

- Legal – Low
 - Following Purchasing and Tenders Process.

OFFICER'S COMMENT

The submissions were assessed against the following pre-determined criteria's:

Compliance Criteria

- Compliance with the conditions in the request;
- Compliance with Specification;
- Financial capacity to perform the works;
- Intent to Sub-Contract;
- Declare any conflict of interest;
- Quality Assurance;
- Occupational Health and Safety requirements;
- Insurance coverage;
- Public consultation

Qualitative Criteria (Scored)

- | | |
|-------------------------------------|-----|
| • Pricing | 50% |
| • Relevant Experience | 25% |
| • Timeliness of Delivery/resourcing | 15% |
| • Safety and Risk Management | 10% |

Further detail is provided in the attached Appendices.

The Evaluation Panel recommends the contract be awarded to Tiger Turf, as the preferred supplier.

In relation to the other elements it is also recommended that the Council oversees the purchase of these items. This is being recommended to ensure that the project is delivered effectively (given the considerable financial commitment of the Council), whilst also maximising the Council funding available, as Council is able to claim back the GST, whereas the hockey association is not.

RECOMMENDATION

That Council, subject to the Chief Executive Officer being satisfied that the Northam Hockey Club is able to proceed with stage 1 of the project in full;

1. Award Tender 7 of 2018 for the Supply and installation of an Evo Pro Artificial Hockey Playing Surface to Tiger Turf for the sum of \$358,870 (GST exclusive);
2. Authorise expenditure of up to \$440,000 to deliver all elements of stage 1 of the project, subject to the Northam Hockey Association contributing to Council up to \$40,000 in cash.

12.3 DEVELOPMENT SERVICES

12.3.1 Application for Development Approval for Extensions to a Non-Conforming Use ('Single House') at Lot 81 (361) Fitzgerald Street, Northam

Address:	Lot 81 (361) Fitzgerald Street, Northam
Owner:	Matthew Carroll
Applicant:	Jaydon Vernes
File Reference:	A11168/P18106
Reporting Officer:	Benjamin Robins Planning Officer
Responsible Officer:	Chadd Hunt Executive Manager Development Services
Officer Declaration of Interest:	Nil
Voting Requirement	Simple Majority
Press Release To Be Issued:	No

BRIEF

Council is considering an application regarding the construction of an outbuilding associated with a non-conforming use ('Single House').

The property is presently zoned 'Mixed Use' and the applicant has submitted a proposal for the construction of an outbuilding associated with the current single house on the property.

Currently within the 'Mixed Use' zone, a single house is 'X - Not Permitted. However a 'Single House' was a permitted use under the prior 'Mixed Use' zoning ('D' Use – LPS5). The non-conforming use is existing and forms a continuation of a non-conforming use ('Single House') as per the Shire of Northam Local Planning Scheme No.6.

ATTACHMENTS

Attachment 1: Location Plan
Attachment 2: Present Zoning
Attachment 3: Development Plans

BACKGROUND / DETAILS

361 (Lot 81) Fitzgerald Street is presently zoned 'Mixed Use'. The property contains an existing 'Single House', to which a Development Application has been submitted seeking approval for the construction of an outbuilding associated with the single house.

Under the prior Town Planning Scheme No.5, within the 'Mixed Use zone' the land use 'Single House' could be considered ('D'). However under the present Shire of Northam Local Planning Scheme No.6, the land use 'Single House' cannot be considered within the 'Mixed Use' Zone ('X'). Therefore, the development application is for the erection of a building associated with the non-conforming use.

The proposal consists as follows:

1. Proposed Shed – 10m x 6m = 60m²
2. Proposed Lean To (Shed) – 10m x 2m = 20m²

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Objective P1: Promote a diverse mix of development opportunities throughout the Shire.

Strategy P1.1: Ensure Council land use planning is in place and reflective of established objectives.

Financial / Resource Implications

N/A

Legislative Compliance

Under the *Shire of Northam Local Planning Scheme No.6*, the following provisions are made under Clause 3.8 & 3.9:

CI3.8:

Except as otherwise provided in the Scheme, no provision of the Scheme is to be taken to prevent:

- a) The continued use of any land for the purpose for which it was being lawfully used immediately prior to the Gazettal date;*
- b) The carrying out of any development on land for which, immediately prior to the Gazettal date, an approval or approvals, lawfully required to authorise the development to be carried out, were duly obtained and are current; or*
- c) Subject to clause 80 of the deemed provisions, the continued display of advertisements which were lawfully erected, placed or displayed prior to the Gazettal date.*

Note: "Land" has the same meaning as in the Planning Act and includes houses, buildings and other works and structures.

CI3.9:

CI3.9.1: A person must not –

- a) Alter or extend a non-conforming use;
- b) Erect, alter or extend a building used in conjunction with or in furtherance of a non-conforming use; or
- c) Change the use of land from a non-conforming use to another non-conforming use,

Without first having applied for and obtained development approval under the Scheme.

CI3.9.2: An application for development approval under this clause is to be advertised in accordance with Clause 64 of the deemed provisions.

CI3.9.3: Where an application is for a change of use from an existing non-conforming use to another non-conforming use, the local government is not to grant its development approval unless the proposed use is less detrimental to the amenity of the locality than the existing non-conforming use and is, in the opinion of the local government, closer to the intended purpose of the zone.

The proposal is consistent with Clauses 3.91 & 3.9.2 and seeks the relevant approvals from the Shire of Northam.

Policy Implications

The proposal consists of the continuation of a non-conforming use, no precedent is set on the basis of a determination as each proposal is required to be assessed on a case-by-case basis.

The proposal has also been assessed against the provisions of Local Planning Policy 23. Further information is provided within the 'Officer's Comment' section of this report.

Stakeholder Engagement / Consultation

Advertising has not been conducted as the outbuilding is determined by LPP23 within the 'Mixed Use' or 'Residential' zones. As the proposal does not involve the extension of the single dwelling, the proposal is assessed under the provisions relevant within the Scheme (LPS6) and LPP23.

The applicant has further advised assessing Officers that the side setback is to be varied from 1m to 1.5m, in accordance with LPP23. No variations are therefore proposed.

Risk Implications

- Reputational – Low

- Nil.
- Financial - Low
 - Nil.
- Compliance - Low
 - An approval granted under Delegated Authority or by Council has Statutory Weight, and the applicants must abide by the Conditions of Development Approval.
- Legal – Low
 - There is no legal precedent set in the approval made by Council, as the application must be assessed on its individual merits, particularly for non-conforming uses and any extensions to or modifications thereof.

OFFICER'S COMMENT

A significant area of Fitzgerald Street contains properties zoned 'Mixed Use'. This zoning is typically a transitional zoning between residential and commercial uses. Given that a number of the properties in the immediate vicinity continue to be utilised for 'Single Houses', the proposal for the erection of an outbuilding in association with the non-conforming land use is not considered inappropriate or detrimental to the locality. As the works pertaining to the non-conforming use involve erection of a non-habitable outbuilding, the key assessing framework relates to Local Planning Policy 23 – Outbuildings in the Residential & Mixed Use Zones.

As per Stakeholder Consultation, the applicant has advised Assessing Officers that the side setback shall be modified from the 1m to 1.5m and will form a condition of development approval. This variation ensures compliance with LPP23.

Therefore, as there are no proposed modifications to the 'Single House', the proposal has been solely assessed against the provisions of Local Planning Policy 23 and Local Planning Scheme No.6 to which:

- *Floor Area* – As the lot is 616m², LPP23 permits 80m² or 10% of the site area for Outbuildings. Therefore, 61.6m² is the permitted allowance (60m² Outbuilding Proposed). COMPLIES
- *Lean To* - The Lean-To is exempt from floor area calculation, being open on all three sides (Lean To Of 20m² Proposed, 18m² would otherwise be the 30% area permitted). COMPLIES
- *Other Area Calculation* - The existing garden shed is exempt under LPP23 (floor area less than 10m²). NOT ASSESSABLE
- *Cladding* - The proposed cladding is Colorbond. COMPLIES
- *Setback* - The applicant has proposed a revised setback of 1.5m from 1m, which is consistent with the provisions of LPP23 where a wall length is greater than 9m. All other setbacks are compliant. COMPLIES

- *Wall Height* – The wall height is 2.5m and ridge height is 3.02m which complies with LPP23. COMPLIES

With respect to the outbuilding proposed on the property, it meets the deemed to comply requirements as assessed under Local Planning Policy 23 – Outbuilding in the Residential & Mixed Use Zones.

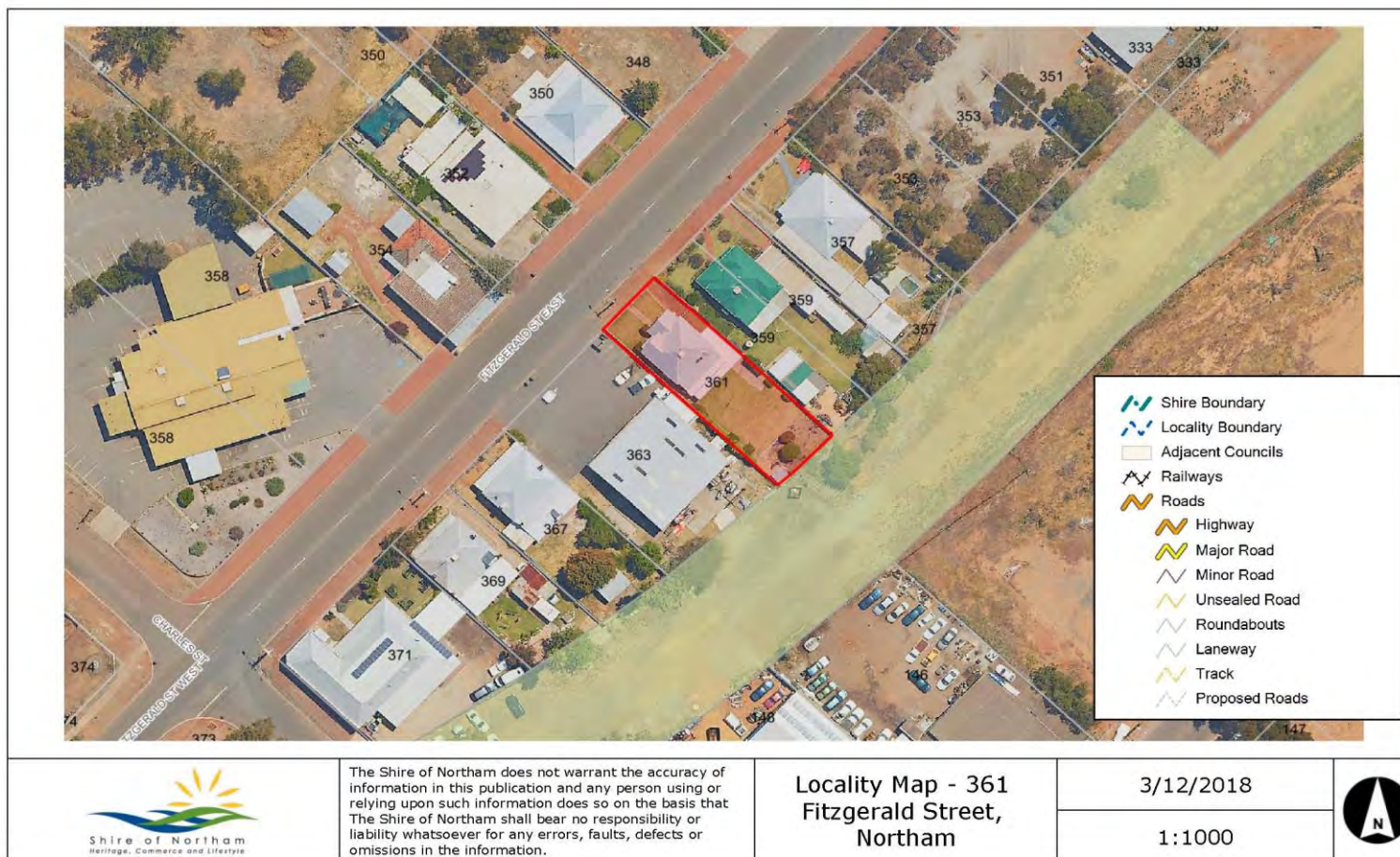
Approval is recommended as the proposal is consistent with the provisions of the Shire of Northam Local Planning Scheme No.6 regarding the extensions to non-conforming uses under Clause 3.9.1 & 3.9.2.

RECOMMENDATION

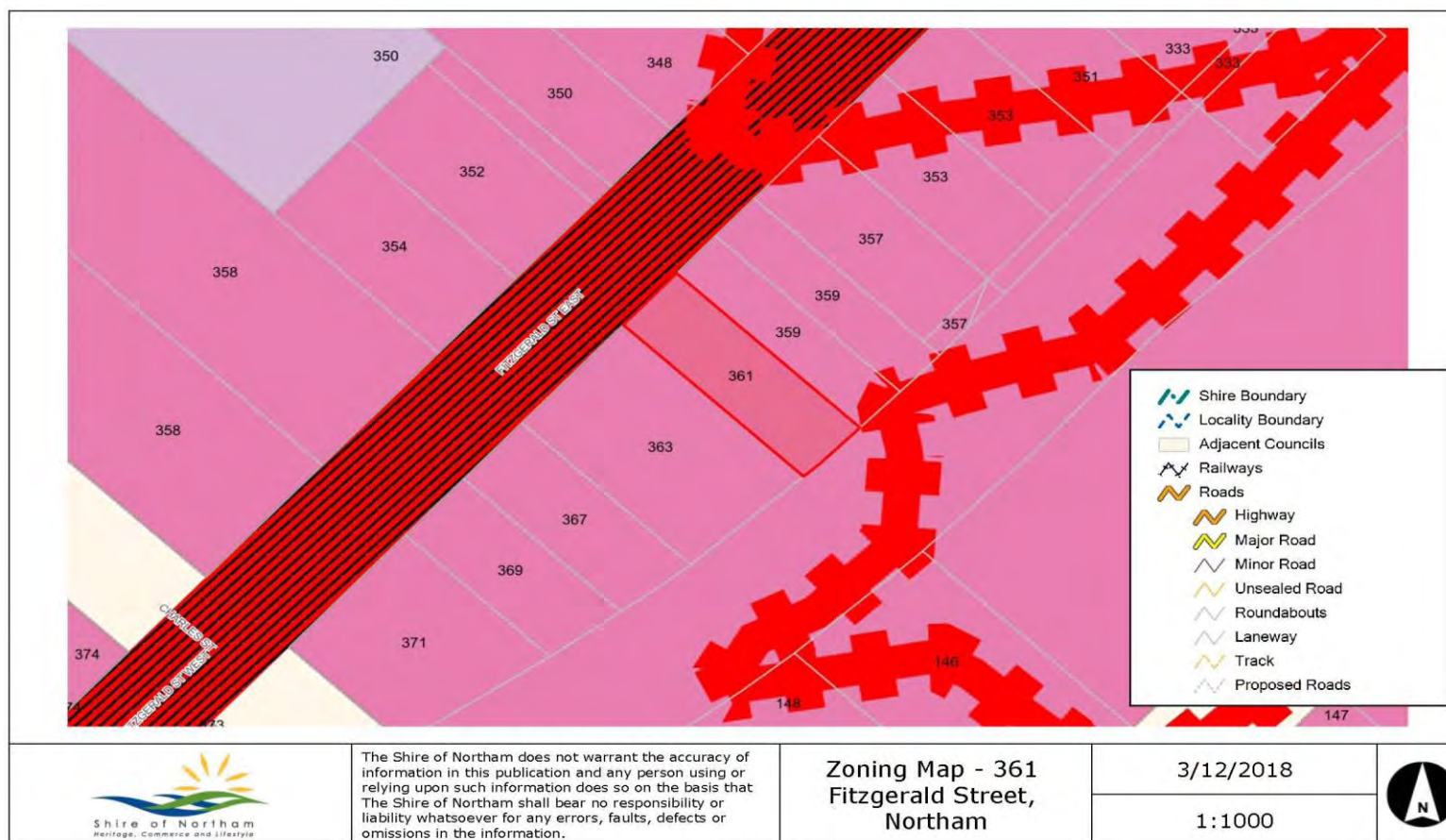
That Council resolves to approve the Outbuilding related to the non-conforming use (Single House) at 361 (Lot 81) Fitzgerald Street, Northam, as depicted on the approved plans, subject to the following conditions:

1. The development hereby permitted must substantially commence within two (2) years from the date of this determination notice.
2. The approved plans of the development hereby permitted shall be modified to include a revised side setback of 1.5m as per Local Planning Policy 23.
3. The stormwater shall be discharged in a manner so that there is no discharge onto the adjoining properties to the satisfaction of the local government.
4. Use of the outbuilding shall be for domestic purposes only.
5. The walls and roof of the outbuilding are not permitted to be clad in zincalume or similar highly reflective materials.

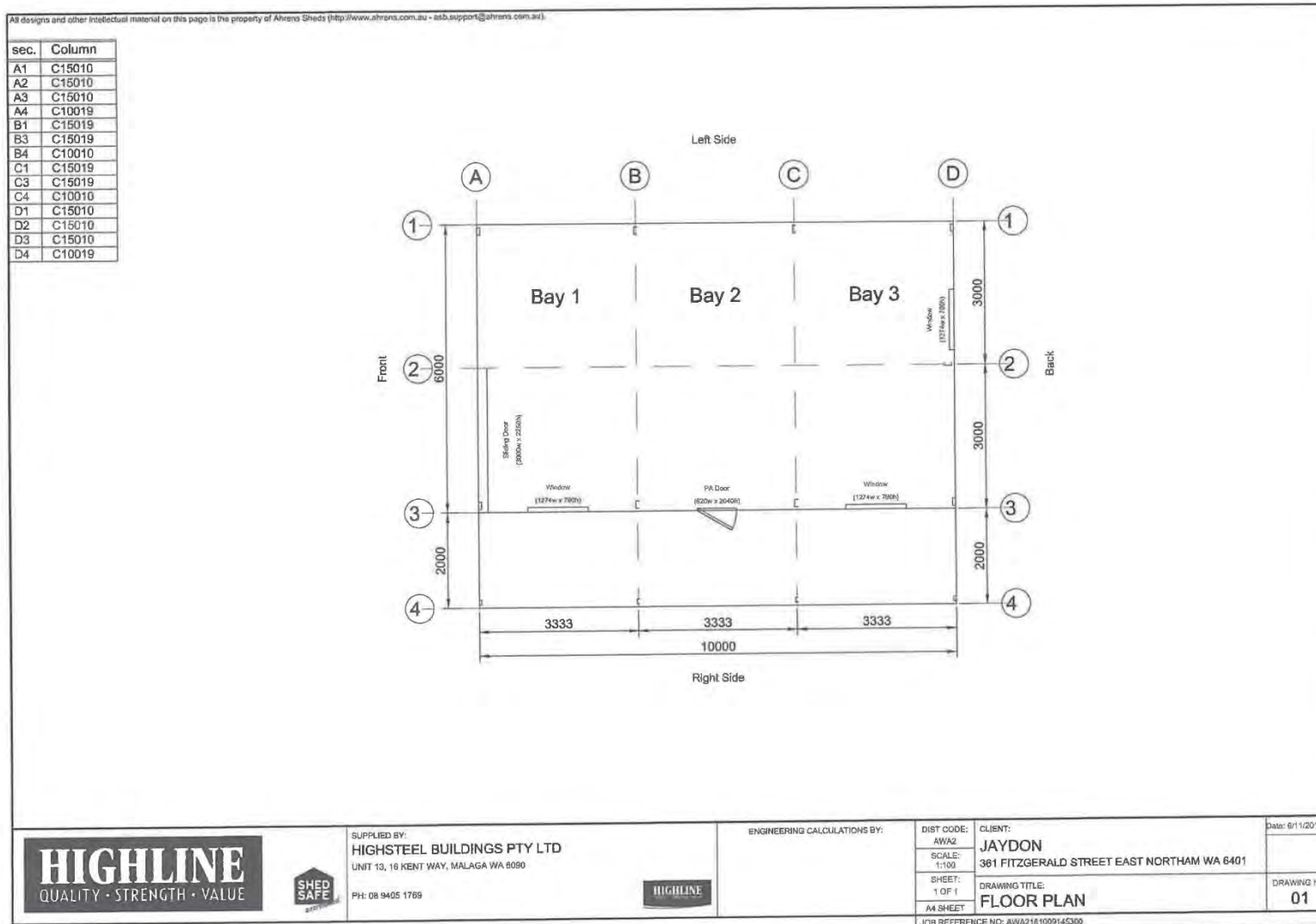
Attachment 1

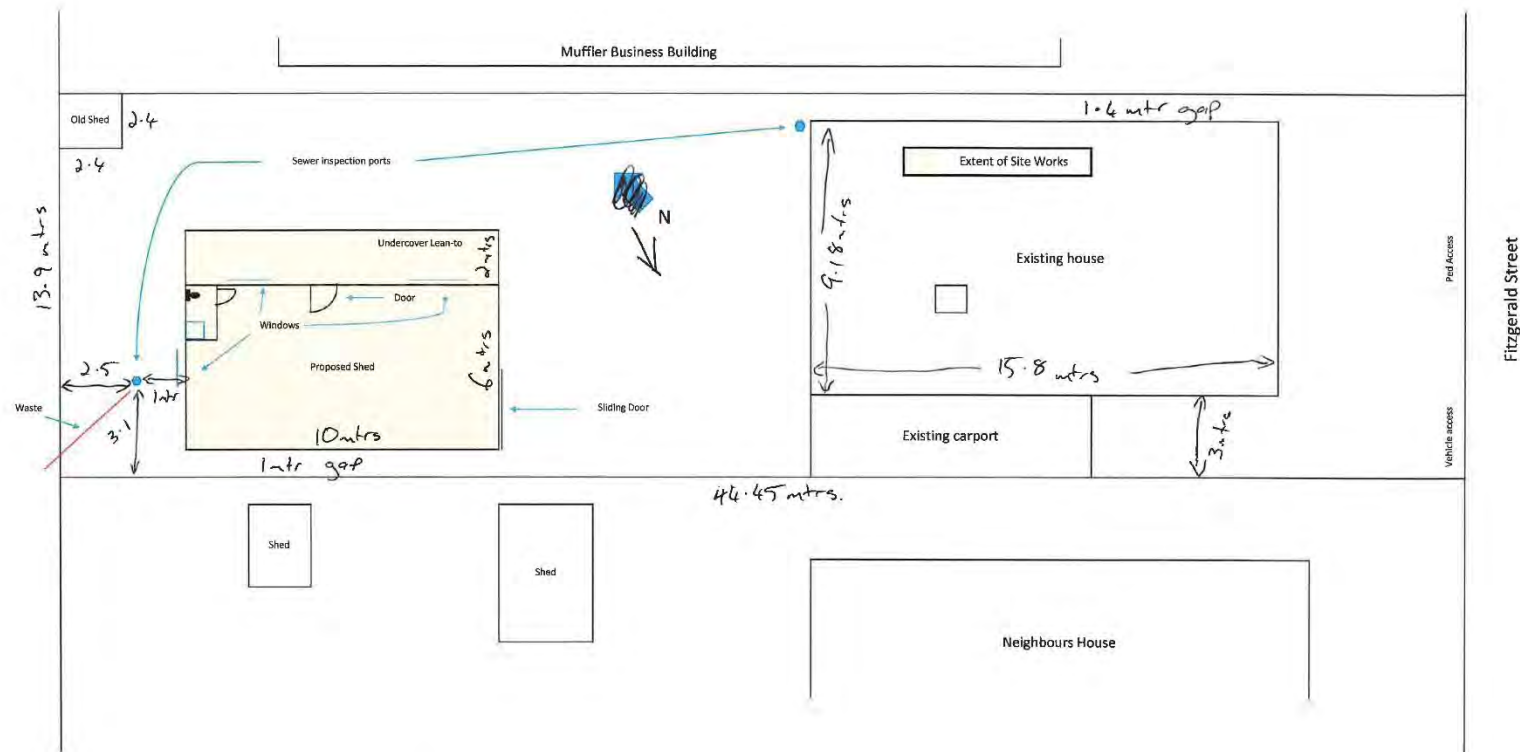


Attachment 2



Attachment 3





12.3.2 Application for 10 Year Development Approval for Extractive Industry and Extractive Industry Licence – Lot 150 on Plan 300080 (#792) Clydesdale Road, Grass Valley

Address:	Lot 150 on Plan 300080 (#792) Clydesdale Road, Grass Valley
Owner:	Angus John & Grant Collard Cooke
Applicant:	Greg Kennedy on behalf of Resource Group (WA)
File Reference:	A989 / P18050
Reporting Officer:	Kobus Nieuwoudt Manager Planning Services
Responsible Officer:	Chadd Hunt Executive Manager Development Services
Officer Declaration of Interest:	Nil
Voting Requirement:	Simple Majority
Press release to be issued:	Yes

BRIEF

Council is asked to determine a proposal that seeks the following approvals: -

- A ten-year Development Approval issued under the *Shire of Northam Local Planning Scheme No. 6* (the Scheme) for the crushing and screening of up to one hundred and fifty thousand tonnes (150,000) of hard rock per annum at Lot 150 on Plan 300080 (#792) Clydesdale Road, Grass Valley; and
- A ten-year Extractive Industry Licence to operate the Quarry, issued under the *Shire of Northam Extractive Industries Local Law 2008*.

ATTACHMENTS

Attachment 1: Location Plan

Attachment 2: Proposed Quarry Location

Attachment 3: **Applicant's Submission & Appendices** (incl. Acoustic Assessment Report)

Attachment 4: Sensitive Receptor Map

Attachment 5: Legislative Compliance Assessment

Attachment 6: Schedule of Submissions

Attachment 7: **Applicants' responses to issues** raised at 14 November 2018 Council Forum

BACKGROUND / DETAILS

The proponents, Resource Group (WA) Pty Ltd. have negotiated with the owners of Lot 150 to establish and operate a hard rock quarry at 792 Clydesdale Road, Grass Valley (the subject site). The land is located on Clydesdale Rd in the locality of Grass Valley approximately 4.4 kilometres from the centre of the Grass Valley Township by road or 3.2 kilometres in a direct line. Refer Attachment 1 – Location Plan.

The proposal seeks a ten-year Development Approval for the crushing and screening of up to 150,000 tonnes of hard rock per annum at the subject site in the location shown in the attached location plan (Attachment 2), and a ten-year Extractive Industry License to operate the Quarry, issued under the *Shire of Northam Extractive Industries Local Law 2008*.

On the 24th of July 2018 planning staff first gave notice of the application to landowners within a 2.2km radius of the subject site, including landowners along the Clydesdale Road haulage route who, in the opinion of planning staff, might be affected by the proposal. During this time, the Traffic Impact Assessment (TIS) submitted with the application was referred to Main Roads WA (MRWA) for comments. On the 9th of August 2018, MRWA advised that there are issues with the intersection of Clydesdale Road and Great Eastern Highway (GEH) as the existing intersection layout does not allow correct turning swept paths for heavy vehicles turning left from GEH into Clydesdale Road.

MRWA noted that it preferred the transport route from Lot 150 along Clydesdale / Jennapullin / Keane and Vivian Street to GEH is used as no further improvements would be required. This advice was subsequently relayed to the applicant who reengaged their traffic engineer with a request to revisit the TIS consistent with MRWA's advice. An updated TIS that meets MRWA's advice was submitted to the Shire on the 13th August 2018.

Given the updated TIS constituted material changes to the proposal, planning staff elected to extend the advertising period to include all the ratepayers in Grass Valley town site, inviting comments until 10 September 2018.

37 objections were received during the statutory advertising period.

This Item was presented to Council at the Forum meeting held on 14th November 2018. However, the Item was withdrawn from the Agenda for the Ordinary Council Meeting held on 21st November 2018 at the request of the Applicants to enable them to investigate the potential for an alternative haulage route via Watson Road, as a response to community concerns.

In addition the applicants have provided additional information with regards to a number of issues raised at the November forum meeting.

This report therefore also includes additional officer comments in relation to further comments / information received from the applicants on 22nd November 2018 (refer Attachment 7).

The Proposal (Refer Attachment 3)
Extraction, Crushing and Screening

The application proposes to extract, crush and screen approximately 150,000 tonnes of hard rock per annum over the ten-year license period. The proponents have advised that, in the first couple of years of operation, it is likely that the volumes will be lower than applied for as the business establishes itself in the market place. Additionally, volumes will vary from year to year depending on the market volumes required at any given time. It is anticipated that at the expiry of the first license period a second ten-year license will be sought.

Access and Haulage Route

Vehicle access to the quarry will be via an existing farm access road adjoining Clydesdale Road. The proponent advises this access will be widened and appropriate signage will be erected in both directions warning of trucks entering.

The proponents' original proposal indicated that crushed material will be transported by single and double trailer trucks (typical volume 26 & 52 tonnes respectively) West along Clydesdale Road for circa 8.4 kilometres before turning right into the GEH and then onto Perth Metropolitan Area. Clydesdale Road is an RAV Tandem Drive Network 2 road with primary conditions being that trucks are restricted to 27.5metres in length and to a maximum speed of 60km/h plus subject to a certificate for the road use issued by the road owners.

However, on the 13th of August 2018, to satisfy MRWA requirements, the proponents submitted an updated TIS that showed the haulage route from the subject site along Clydesdale Road / Jennapullin Road / Keane Street and Vivian Street to GEH. The route along Jennapullin Road / Keane Street and Vivian Street to GEH is also a RAV 2 Network road.

Following the Council Forum meeting on the 14th November 2018 the applicant has revised their application to utilise "as of right" vehicles (i.e. not RAV configured trucks) along Clydesdale Road to Watson Road to Great Eastern Highway. As the vehicles are now proposed to be used "as of right" vehicles, any upgrading of roads deemed necessary by the Shire of Northam does not require Main Roads WA approval.

Loads per Day

The proponents have now indicated that they are seeking approval for up to 14 outgoing truck movements per year (this is based on extracted approximately 150,000 tonnes per annum). Within the additional information submitted by the applicant they have indicated that the initial 7 years of operation will likely be in the vicinity of 4 outgoing per day initially for the first two years and then 8 outgoing up to year 7. They have further indicated that the requested 14 trips per day has been requested to enable the stockpile to be established and to meet greater than expected demand.

Hours of Operation

The proponents advise that the hours of operation will be from 07.00 hours to 17.00 hours, Monday to Saturday with road haulage trucks typically arriving from 6.30am. No extraction, crushing, screening or truck deliveries will occur on Sundays or Public Holidays.

Within the recent information submitted by the applicants they have indicated that the crushing and screening component of the material will be not be undertaken between the months of December to March the following year.

Plant and Equipment

The proponents advise that -

1. All plant used on site will be of the mobile variety.
2. Excavation will occur for 3-5 months per year as required.
3. All mobile plant will be diesel powered partly below ground level in the pits with the remaining plant being involved in the crushing and screening.
4. Several stages of crushing will be required with primary crusher linked to secondary unit in turn linked to a tertiary unit with the screening sections in between and at the end of the line,

The following list of equipment is envisaged to be used:

- 2 Wheel Loaders – CAT980 or equivalent
- Water Cart – 6-wheel road truck fitted with a water canon – Mack or International Acco
- Terex Power screen - J1175 Jaw Crusher
- Terex Maxtrax – 1300 Cone Crusher
- Terex Maxtrax 1000 Cone Crusher
- Terex Warrior – 1800 2 deck Screen
- Terex – 6503 3 deck Screen
- Terex – M1700 wash Screen



Fuel Storage

Refuelling of all plant and equipment will occur on site. To enable this to occur a twenty-five thousand litre (25,000), self-bunded diesel fuel tank compliant with the WA Mines Act Regulations will be installed. Additionally, 3 one thousand litre (3 x 1,000) self-bunded engine oil storage tanks will also be installed. Waste oil will be taken from site by a licensed waste oil recycler.

Water Supply

The proponents propose to install a bore on the property to meet operational demand (e.g. dust management & firefighting). Until the bore is installed, it is envisaged that water will be purchased from the public water point on the corner of Clydesdale Road and Jennapullin Road.

Surrounding Land Use

The site is located in a rural setting. The land surrounding the quarry site are all utilised for crop growing. The neighbouring lots are zoned 'Rural' under the Shire's Local Planning Scheme. A plan identifying dwellings and proximity to the proposed quarry site is attached. Refer Attachment 4.

Bushfire Considerations

Lot 150 is identified on DFES's Map of Bushfire Prone Areas 2016 to be within a bushfire prone area. The applicants advise that the area to be quarried will progressively be cleared of regrowth prior to and during quarrying. Machinery will be parked on hardstand away from the quarry and any vegetation. The applicants consider that the proposed activities will neither be vulnerable to bushfire, nor would it introduce a bushfire hazard.

The pit excavations will form natural firebreaks, with the access roads assisting in that regard. The applicants advise an onsite Water truck equipped with a water canon will be utilised in any fire event, both in and around the operations and will also assist around the farm if fire should break out.

The applicants have provided further information with respect to this issue (refer to attachment 7). In addition, it is recommended that a condition be imposed requiring the preparation and implementation of a site-specific Bush Fire Management Plan.

Dust Control

The proponents advise dust monitoring was not undertaken as the quarry has yet to commence. The proponents, however, consider that dust can be managed effectively at the site through the application of 'best practice' site management practices in line with the relevant Regulations. To this end, Council is also advised that the proponents will be required to obtain a works approval from the Department of Water and Environmental Regulation (DWER) to operate the quarry. In order to be issued a license to operate the quarry, the proponents will be required to demonstrate (and have

management plans in place) that dust emissions and dispersal will be controlled/managed to comply with the applicable environmental emissions legislation.

Within their latest submission the proponents have indicated that the crushing and screening operation will not operate between the months of December to March due the prevailing winds at that time of the year.

Removal of Vegetation

The proposal will require the removal of native vegetation.

Under the *Environmental Protection Act 1986* (EP Act), clearing of native vegetation is an offence unless it is done under the authority of a clearing permit or an exemption applies.

DWER is the authority responsible for issuing native vegetation clearing permits. In making a decision on a clearing permit, regard is given to the clearing principles contained in Schedule 5 of the EP Act and to any planning instrument or other matters the DWER considers relevant.

Safety Management

All quarries operate under the provisions of the Mines Safety and Inspection Act 1994 and Regulations 1995. These are administered by the Department of Mines, Industry Regulations and Safety (DMIRS).

The regulation is achieved through the DMIRS Safety Regulations and Reporting Systems (SRS).

All quarries upon commencement are required to register with the SRS system. As part of the registration a Project Management Plan is required to be produced and lodged on line after all planning approvals are in place and prior to commencement. Officers from the Safety Division of DMIRS inspect the operations in relation to health and safety.

CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area 1: Economic Growth

Outcome 1.1: The Shire of Northam is an attractive investment destination for a variety of economic sectors.

Financial / Resource Implications

At this point the only financial and resource implication has been staff time and resources.

In the event Council approves the application, in accordance with Council's extractive Industry local planning policy, the proponents will be required to provide a bond/guarantee/security to the Shire of Northam in respect of road maintenance and site rehabilitation.

Legislative Compliance

Refer Attachment 5.

Policy Implications

Council's Local Planning Policy No. 21 – Extractive Industry applies to this proposal.

Stakeholder Engagement / Consultation

As per the Shire of Northam Local Planning Policy No.20 – Advertising of Planning Proposals, stakeholder consultation was provided for the proposal in accordance with 'Advertising Level 5' which is applicable where the proposal is for 'Industry - Extractive'.

'Level 5' advertising requires that: -

- Advertising is conducted for a period of 21 days from the date of publication in a local newspaper;
- All owners in a determined area or locality are advertised to in writing;
- The proposal is placed online and available at the Shire of Northam Administration Offices for public inspection; and
- A sign is erected at the proposal site outlining the development proposed.

As outlined under 'Brief' section of this report, staff gave notice of the application to landowners within a 2.2km radius of the subject site, including landowners along the Clydesdale Road haulage route who, in the opinion of Planning staff, might be affected by the proposal. The application was also referred to MRWA for its advice in relation to the Traffic Impact Statement (TIS) submitted with the application.

On the 9th of August 2018, MRWA advised that there are issues with the intersection of Clydesdale Road and GEH as the existing intersection layout does not allow correct turning swept paths for heavy vehicles turning left from GEH into Clydesdale Road.

MRWA noted that it preferred the transport route from Lot 150 along Clydesdale / Jennapullin / Keane and Vivian Street to GEH is used as no further improvements would be required. This advice was subsequently

relayed to the applicants who reengaged their traffic engineer with a request to revisit the TIS consistent with MRWA's advice. An updated TIS that meets MRWA's advice was submitted to the Shire on the 13th August 2018.

Given the updated TIS constituted material changes to the proposal, planning staff elected to extend the advertising period to include all the ratepayers in Grass Valley townsite, inviting comments until 10 September 2018.

37 public submissions were received and 3 submissions from the following State Government Departments:

- Department of Water and Environmental Regulation (Regulatory Services: Environment Division);
- Department of Water and Environmental Regulation (Swan Avon Region - Planning Advice Section); and
- Main Roads WA.

Public submissions and Officer responses to submissions are provided in Attachment 6 – Schedule of Submissions.

Following the submission of the revised proposal by the applicant utilising Clydesdale Road to Watson Road has not been readvertised. Two submission have been received from landowners to the east of the proposed quarry location. Contact has been made with both these submitters to discuss the revised proposal.

Internal Consultation

The proposal was referred to Council's Environmental Sustainability Officer (ES Officer) for assessment.

Council's ES Officer notes that the intended operation area will require the removal of the existing remnant vegetation on the lot and recommends that additional ground surveys be conducted to verify and confirm the environmental condition of the remnant vegetation from a flora and fauna perspective. Council's ES Officer also recommends that the client provide a flora and fauna assessment report that the Shire can then independently peer review before progressing with this application. Finally, a detailed environmental management plan would be required to identify the environmental considerations and the intended rehabilitation process that would be put in place.

Written advice received from DWER specifically mentioned that the clearing of native vegetation can be assessed as part of any works approval for the development. It is recommended that staff's concerns above be included within the assessment from DWER regarding the required works approval.

The proposal was also referred to Council's Engineering Services Department. Comments and advice received by Engineering Services have been included in the 'Officer's Recommendation'.

Risk Implications

- Reputational – Low
 - Advertising has been conducted in accordance with the provisions of Local Planning Policy 20 – Advertising of Planning Proposals. The application was considered on its merits and in accordance with the relevant provisions of the Scheme and town planning framework. Irrespective of this there is still a public perception that consultation has not been adequate.
- Financial – Low
 - The financial risk to Council is with respect to any repairs required for the roads proposed to be used by the applicants and similarly if rehabilitation works have not been complied with. The payment of the road and rehabilitation bonds and road levy assist in mitigating this risk.
- Compliance - Low
 - There are no compliance risks in relation to the recommendation. Should Council approve the application, the applicant would be subject to conditions of development approval.
- Legal – Low/Moderate
 - Council would be issuing a valid development approval, assessed on its merits and in accordance with the relevant provisions of the Scheme and town planning framework. Valid reasons have been provided in the Officer's Comment section of this report.

OFFICER'S COMMENT

Because the subject matter of the submissions range over many issues, all of which are covered by the assessments in the Schedule of Submissions, it is not considered appropriate to replicate all of the issues in this report. The main issues raised in the submissions are as follows:

Haulage route and road condition

By far the main concern raised in public submissions is related to the proposed number of heavy vehicle movements generated by the proposed extractive industry, and the impact that the additional movements will have on road safety, condition and amenity along the proposed haulage route – particularly that section of the haulage route through Grass Valley town site.

A number of the submissions included the potential use of Clydesdale Road and Watson Road to access Great Eastern Highway (GEH). Staff requested

comment from MRWA who indicated that Watson Road would need to be assessed using current RAV Route Assessment Guidelines (2018) and require significant upgrading if RAV vehicles were to be utilised. MRWA also indicated that the existing Watson Road/GEH intersection (site distance to the west) potentially required improvements / upgrading.

A number of submissions also raised the potential access from the quarry to the GEH via an alternative route **through the landowners' adjoining property**. Again the issue raised by MRWA is that, as GEH is a restricted access highway, additional access points onto GEH would generally not be supported.

The applicant is now proposing the use of Clydesdale Road from the quarry entry point to Watson Road and Great Eastern Highway. In addition the proposed trucks to be utilised for the quarry operation is a truck and dog trailer with a length of less than 19 metres (with a payload of 41.5 tonnes). These vehicles are classified as Network 1 and therefore are not subject to the RAV requirements.

The use of Watson Road will necessitate the upgrading of that road in terms of shoulder and pavement widening. This is proposed to be included as condition of approval at the full cost of the applicants.

With regards to the maintenance of the haulage route, a suitable condition has been included that requires the applicant to establish an initial road maintenance contribution. This would be levied annually and the funds used to **repair any damage to the haulage route caused by the operator's heavy vehicles** over the lifetime of the quarry.

Health risks associated with the generation of dust including handling and transportation of crystalline silica

Risks associated with the generation of dust including handling and transportation of crystalline silica is another issue that has been raised by many submitters.

With regards to emissions and discharges, such as silica dust, the Department of Water and Environmental Regulation administers Part V Division 3 of the *Environmental Protection Act 1986* (the Act) to regulate emissions and discharges from a prescribed premises. In addition the dust and noise impacts are proposed to be managed by the imposition of a specific condition requiring the submission of an Environmental Management Plan.

Prescribed premises are defined in Schedule 1 of the *Environmental Protection Regulations 1987* (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and

crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. In this regard the crushing and screening activities would be classified as a prescribed premises, the DWER do not specifically regulate the quarrying or transport component of the operation.

The Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a works approval. A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises. The DWER has also advised that as part of the works approval and licencing process further public consultation will be undertaken.

Given the concerns raised it is recommended that a condition be included requiring the preparation and submission of Environmental Management Plan that specifically addresses the issue of dust and noise associated with the development. It is understood that the initial assessment would be based on modelling given that the quarry will not be operational. This statement is to be prepared in conjunction with the DWER works approval and licencing process as it is understood that the similar modelling would be required under this process. Given that the premises is required to obtain these other approvals from DWER staff have not recommended that the Environmental Management Plan be undertaken prior to approval being issued.

Further information received by the Applicants on 22nd November 2018

In correspondence received by the Applicants dated 22nd November 2018, the Applicants provided written responses to several issues that had been raised by Grass Valley residents / landowners at the Council Forum held on 14th November 2018. Refer Attachment 7.

With regards to the haulage route, the Applicants advise that they have considered the suggestion of exiting to GEH via Watson Road. The Applicants have indicated that they feel the use of Watson Road would relieve some of the anxiety felt by the residents and, as such, is their first preference.

Should Council resolve to grant development approval for the quarry with Watson Road as the approved haulage route, the Applicants would be required to improve / upgrade Watson Road. The Applicants have indicated that they accept and understand that any required improvements / upgrades to Watson Road would be to their expense.

Conclusion

Staffs' assessment of the proposal indicates the proposal substantially complies with the applicable legislative framework and, therefore, recommend conditional approval.

RECOMMENDATION

That Council grants development approval under Shire of Northam Local Planning Scheme No. 6 and an Extractive Industry Licence under Shire of Northam Extractive Industries Local Law 2008 to Resource Group (WA) for an extractive industry at Lot 150 on Plan 300080 (#792) Clydesdale Road, Grass Valley, subject to the following conditions:

1. This approval will expire, and the use permitted by this approval must cease on or before 19th December 2028 unless, after a written request is made prior to that date, the approval is extended by the local government.
2. The development hereby permitted must substantially commence within two years from the date of this determination notice.
3. The development hereby permitted taking place in accordance with the approved plans dated 19th December 2018.
4. Except to perform onsite-maintenance over weekends during campaign crushing periods, hours of operation on the site shall be limited to 7.00am to 5.00pm, Monday to Friday, excluding public holidays.
5. Heavy vehicle movements are prohibited during school bus operating hours between 7.00am and 0830hrs and 1500 and 1630hrs.
6. A maximum of 14 outgoing loads (total of 28 vehicle movements) associated with the extractive industry are permitted along Clydesdale Road / Watson Road per day. If a variance to this condition is required by the applicant, a written request shall be made and considered for approval by Council.
7. No polluted and/or sediment laden run-off is to be discharged directly or indirectly into drains or watercourses.
8. All works must be undertaken in a manner that minimises soil erosion, and any exposed areas of soil must be stabilised to prevent soil erosion to the satisfaction of the local government.
9. The applicant shall pay a haulage road maintenance contribution of 50 cents per tonne per annum over the life of the extractive industry, to be utilised for the purpose of maintaining the road condition of the haulage route under maintenance, care and control of the local government.

10. The applicant shall establish an initial road maintenance contribution of \$75,000.
11. The applicant to provide a rehabilitation amount for \$50,000 and such bond, security or bank guarantee to be unconditional (no expiry date).
12. An environmental management plan is to be prepared and provided to the satisfaction of the local government, and endorsed by the landowner, **under the Shire's Extractive Industries Local Law 2008. The Environmental Management Plan** shall detail:
 - a. Noise and Dust Mitigation
 - i. Equipment Source Management
 - ii. Internal Access Road Management
 - iii. Blasting Management
 - iv. Ongoing Monitoring requirements
 - v. Complaints handling procedure
 - vi. Public Health Impact Statement
 - b. Drainage
 - i. Denote the physical characteristics of any current on-site drainage for reinstatement
 - ii. Management of drainage (works, surface flow – roads/access points)
 - c. Rehabilitation
 - i. Drainage Management & Reinstatement
 - ii. Bund Removal
 - iii. Access Road/Hardstand removal.
 - iv. Vegetation Planting (Species & Vegetation Stand Locations) – Future Use Separation Grazing/Non-Grazing Areas
 - v. Maintenance Plan – Reinstatement procedure upon completion of extractive industry program, or staged reinstatement program details.
 - d. Other
 - i. Denote the physical characteristics of vegetation complexes on-site where activities are proposes to be undertaken, or where they are to be affected by activities to be undertaken (dust/works).
 - ii. Restrict crushing activities to only be carried out between 1 April and 30 November each calendar year
13. Prior to the Extractive Industry License being issued, a detailed technical plan, prepared by a suitably qualified civil engineer, showing exact road widths, direction of entry and exit, angles of entry and exit, any turning circles and any other relevant information of the proposed intersection of the entry and exit points on Clydesdale Road, shall be submitted to the local government for approval.
14. The applicant shall upgrade and thereafter maintain the entry and exit crossover points and the section of road at the Quarry/Clydesdale Road interface to the satisfaction of the local government.

15. Prior to commencement of the use, the applicant shall install and maintain approved road signs along the transport route in consultation with the local government, warning other road users of trucks entering and using the public road system.
16. The internal road infrastructure is to be maintained (smooth operating surfaces to reduce noise impact) and appropriately managed (dust suppression) to the satisfaction of the local government during extractive operations on an ongoing basis.
17. Broadband reverse alarms are to be utilised for on-site equipment and transport vehicles of the applicant and/or their subcontractors as per the **applicant's proposal**.
18. Should complaints about vibrations generated by the crusher(s) be received, the applicant is to employ suitably qualified personnel to determine mitigation strategies which shall be submitted to the local government for approval prior to implementation.
19. The site is to be rehabilitated using local endemic species to the satisfaction of the local government.
20. The approved haulage route (inbound and outbound trips) to Great Eastern Highway is via Clydesdale Road for 2.8km and then via Watson Road for 0.85km to the intersection of Great Eastern Highway.
21. Prior to occupation of the development, the applicant shall upgrade Watson Road and Clydesdale Road to the satisfaction of the local authority. All associated costs are to be borne by the applicant.
22. Prior to commencement of development a Bush Fire Management plan is required to be prepared to the satisfaction of the local government.

Advice Notes

- NOTE 1: If the development the subject of this approval is not substantially commenced within a period of 2 years, or such other period as specified in the approval after the date of the determination, the approval shall lapse and be of no further effect.
- NOTE 2: **Shire Officer's will undertake a routine annual inspection of the site at** the time the extractive industry licence renewal is applied for.
- NOTE 3: Where an approval has so lapsed, no development shall be carried out without the further approval of the local government having first been sought and obtained.
- NOTE 4: If an applicant is aggrieved by this determination there is a right of appeal under the Planning and Development Act 2005. An appeal must

be lodged with the State Administrative Tribunal within 28 days of the determination.

NOTE 5: With respect to Condition 12, upon completion of the site rehabilitation, the applicant is to notify the local government in writing. At this time, local government Officers will conduct a site visit to ensure that the site has been rehabilitated to the satisfaction of the local government.

NOTE 6: The maximum permitted size for heavy vehicles using the approved route are not to exceed Main Roads WA RAV 2 requirements.

NOTE 7: The extractive industry is to be carried out in accordance with the **Shire's Extractive Industries Local Law 2008 at all times.**

NOTE 8: The extractive industry is to operate in accordance with the requirements of the *Environmental (Noise) Protection Regulations 1997*.

NOTE 9: Approval for an Extractive Industry Licence is not transferable unless written approval is granted by the Shire of Northam, and provided all conditions of the existing approval are met.

NOTE 10: Site operation to comply with the *Mines Safety and Inspection Act 1994* at all times.

NOTE 11: When the extractive industry ceases the local government may review the condition of the local haulage route and, if necessary, draw on the bond/bank guarantee to pay for any work required to return the road to its present standard. Any balance of the bond/bank guarantee which thereafter remains will to be refunded to the applicant. The local government may require the applicant to enter into a legal agreement, prepared by the local government's solicitors at the applicant's cost, in order to deal with any additional matter of detail concerning the requirements of this approval.

NOTE 12: Blasting is to occur solely between the hours of 8:00AM and 5:00PM on Mondays to Fridays inclusive, unless otherwise approved by extraordinary application to, and authorisation granted, by the local government. The blasting plan shall detail the blasting proposed. The blasting schedule is to include the dates and times when the blasting will occur and methods for advising nearby neighbours and the general public. Any deviation from the approved schedule must be approved by Council.

NOTE 13: The proposed extractive industry is located adjacent to the Avon River. As such, the DWER recommends that stormwater management be in accordance with the Stormwater Management Manual of Western Australia (DWER, 2004-2007) and relevant Water Quality Protection Notes (WQPN) and guidelines including;

- WQPN 10: Contaminant spills – emergency response
- WQPN 56: Tanks for elevated chemical storage

- WQPN 58: Tanks for temporary elevated chemical storage
- WQPN 65: Toxic and hazardous substances
- WQPN 52: Stormwater management at industrial sites

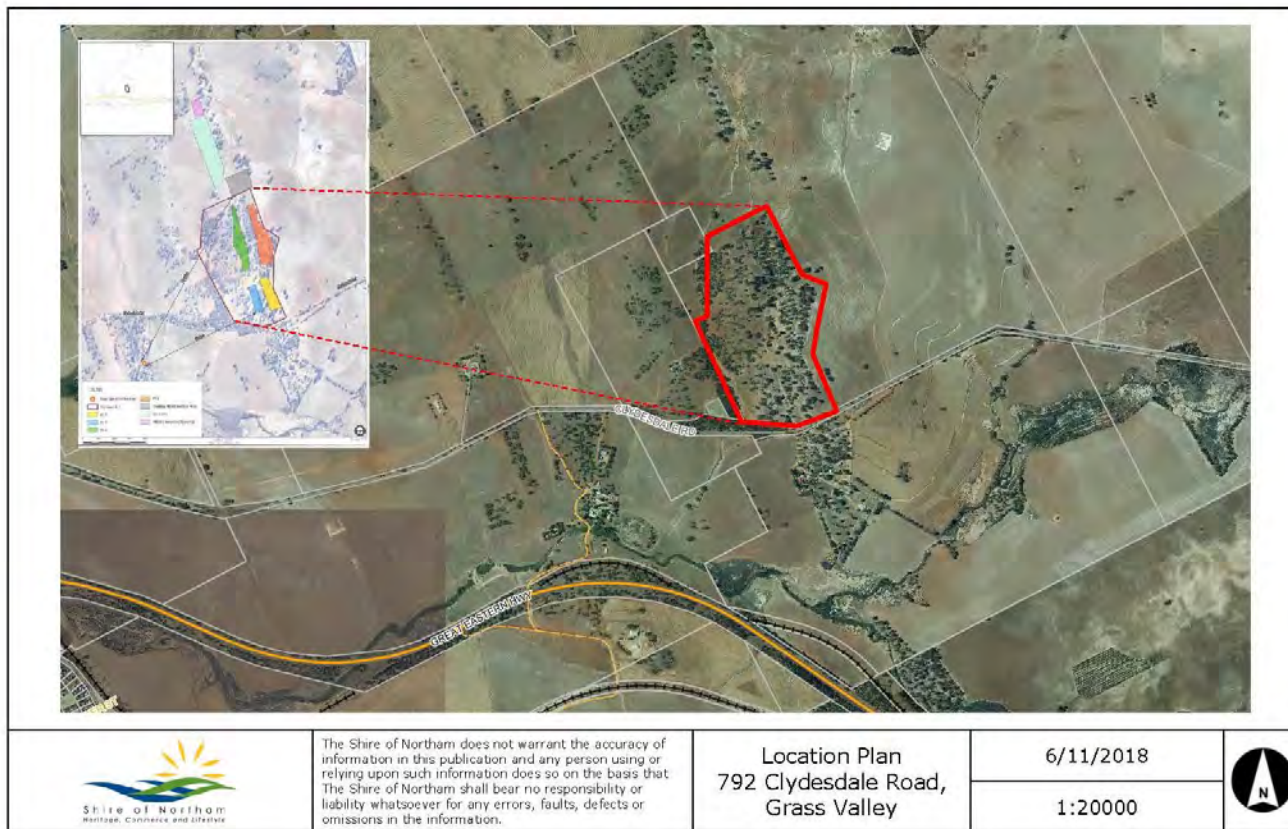
NOTE 14: Approval from the Department of Water and Environmental Regulation **for the crushing activities to be undertaken on the site as a 'prescribed premise' from the Department of Environment and Regulation under Part V of the Environmental Protection Act 1986 (Environmental Protection Regulations, 1987, Schedule 1).**

NOTE 15: With respect to the road maintenance bond, the amount payable per financial year is to be based on estimated tonnage of material transported from the site and made in advance prior to the commencement of operations and thereafter on an annual basis. A report detailing all activities and tonnages of material transported to and from the site is to be submitted to the shire of Northam for the financial year ending 30th and is to be submitted by 31st July each year (in accordance with LPP 21). Where a shortfall in funding has occurred against the actual volumes transported from site, the applicant will provide additional funding to rectify the shortfall.

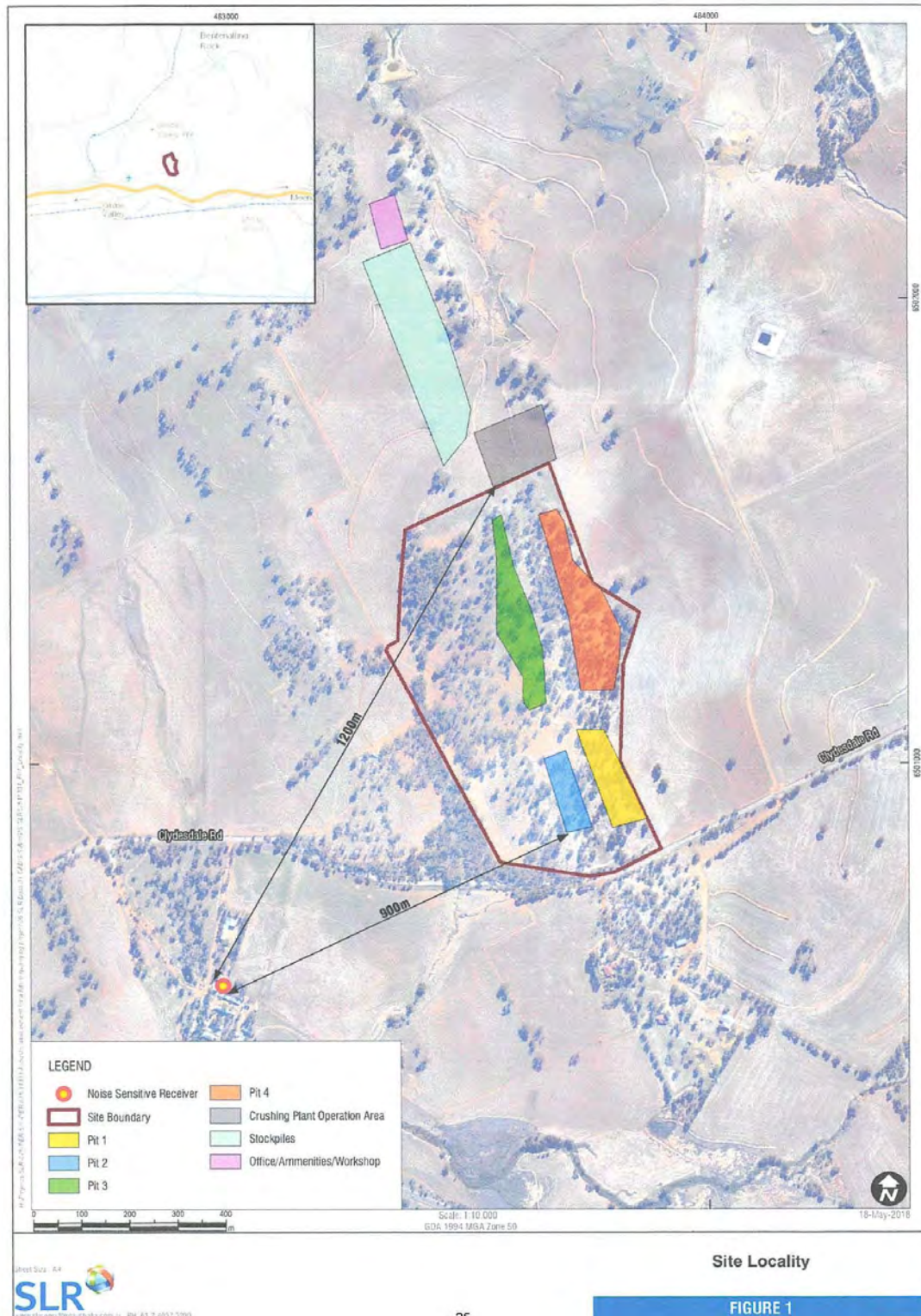
NOTE 16: With respect to Condition 17, reversing alarms on vehicles and equipment must be managed on site to ensure they do not interfere with the amenity of nearby residential properties while complying with the Occupational Safety & Health Regulations 1996 and the Environmental Protection (Noise) Regulations 1997.

NOTE 17: Blasting must be carried out in strict accordance with the AS2187 SAA Explosives Code, the *Mines Safety and Inspection Act 1994*, the *Mines Safety and Inspection Regulations 1995*; the *Environmental Protection Act 1986*, and all relevant local laws of the local government.

Attachment 1



Attachment 2





RESOURCE GROUP (WA)

Resource Group [WA] Pty Ltd

PO BOX 332 Inglewood WA 6052

M: 0439 418 401

E: tonynicholson@resourcegroup.com.au

11/06/2018

Shire of Northam
PO Box 613
NORTHAM WA 6401

Attention: Town Planning Department

Via email: records@northam.wa.gov.au

Sir / Madam,

**APPLICATION FOR DEVELOPMENT APPROVAL AND EXTRACTIVE INDUSTRY LICENSE –
PROPOSED QUARRYING, CRUSHING AND SCREENING of 150,000TN P.A. OF HARD
ROCK – LOT 150 ON PLAN 300080, 792 CLYDESDALE RD, GRASS VALLEY**

Resource Group (WA) Pty Ltd is pleased to submit this application for a ten-year Development Approval under the Shires Local Planning Scheme No. 6 and an Extractive Industry License to operate the quarry under the Shires Extractive Industry Local Law.

Please find enclosed in support of the application the following:

- Completed and signed Application for Development Approval form;
- Copy of Certificate of Title;
- The prescribed Application Fee (\$739); and,

Electronic Copies of the following plans and document:

- Locality Plan
- Certificate of Title
- Contour Plot
- Noise Sensitive Receiver Map
- SPP2.4 Resource Protection Map
- Fire Prone Area Map
- MRD RAV Network two information
- Acoustic Assessment Report
- SW pit design
- SE Pit Design

Hard copies available upon request. All necessary documentation required for the EIL is attached and forms part of the DA. This submission is in accordance with the Extractive Industry Local Law and local Law and Local Planning Policy 21 – Extractive Industry.

BACKGROUND

Resource Group (WA) Pty Ltd have negotiated with the landowners of lot 150 of Plan 300080, Grant Collard Cooke and Angus John Cooke (tenants in Common in Equal Shares), to establish and operate a hard rock quarry at 792 Clydesdale Road, Grass Valley.

The proposal seeks the following approvals from the Shire of Northam: -

- A ten-year Development Approval issued under the *Shire of Northam Local Planning Scheme No. 6* for the crushing and screening of up to one hundred and fifty thousand tonnes (150,000) of hard rock per annum at lot 150 on Plan 300080 in the location shown in the attached location plan (Appendix 1), and;
- A ten-year Extractive Industry License to operate the Quarry, issued under the *Shire of Northam Extractive Industries Local Law 2008*

PROPOSAL

Extraction, Crushing and Screening

It is proposed to extract, crush and screen approximately one hundred and fifty thousand tonnes (150,000) of hard rock per annum over the ten-year license period. In the first year or two of operation it is likely that the volumes will be lower than applied for as the business establishes itself in the market place. Additionally, volumes will vary from year to year depending on the market volumes required at any given time. It is anticipated that at the expiry of the first license period a second ten-year license will be sought.

At all times the excavation, crushing and screening of rock will be in compliance with:

- *Mines Safety and Inspection Act 1994 and Regulations 1995*

Rehabilitation

The expected life of the quarrying operation is in excess of thirty years (30). During this period, it is proposed to carry out rehabilitation works on a yearly basis when appropriate as the quarry faces move South towards their ultimate completion. At their final form faces will be battered to acceptable DMIRS limits in line with the WA Mining Act. This will consist of raking the faces with an excavator to knock down any loose material. As this is done benches will be closed as they become redundant and material left from the crushing period utilised by tipping over the edge so as to form a slope instead of a sheer drop. At completion of this process any topsoil and over burden will be tipped across the slope to encourage growth.

Further, around the perimeter of all pits a bund wall will be maintained and trees planted. At closure the entrance to the pit will be blocked off using oversize material. Weed management in this area will be primarily controlled by the running a flock of sheep on the area which historically has been their grazing ground. Rehabilitation of flat areas will consist of the spreading of quarry fines and topsoil across the disturbed area so as to create new pastoral lands. The crusher fines combined with topsoil should be enough to regenerate the area, however if that is not sufficient additional seeding will be carried out in Autumn with a mixture of pasture seeds as designated by the Landowners. Weeds will be controlled for the first two years by spraying herbicide via an

arrangement made with the Landowners with normal farming practice thereafter. In late summer an assessment of the success of the rehabilitation will be made which will determine the requirements for the following Winter's seeding.

Access

Vehicle access to the quarry will be via an existing farm access road adjoining Clydesdale Rd at right angles. This access will be widened and sealed to prevent the carrying of rocks etc, onto the road. Appropriate signage will be erected in both directions warning of trucks entering.

Clydesdale Rd is suitably constructed for use by heavy traffic being once the Great Eastern Hwy prior to the existing alignment being built. It is an RAV Tandem Drive Network 2 road with primary conditions being that; trucks are restricted to 27.5metres in length and to a maximum speed of 60kph plus subject to a certificate for the road use issued by the road owners. A stop-sign for all vehicles leaving the site to adhere to plus appropriate signage to be installed in both directions alerting other road users that heavy vehicles are entering the road.

Truck Route

Crushed material will be transported by single and double trailer trucks (typical volume 26 & 52 tonnes respectively) West along Clydesdale for circa 8.4 kilometres before turning right into the Great Eastern Highway and then onto the Perth Metropolitan Area.

Hours of Operation

Hours of Operation will be from 07.00 hours to 17.00 hours, Monday to Saturday with road haulage trucks typically arriving from 6.30am. No extraction, crushing, screening or truck deliveries will occur on Sundays or Public Holidays.

Note: The extraction, crushing and screening is campaign driven and will only occur during a 3-5 months period each year. This however is dependent on sales.

Loads per Day

On average eight (8) truck truck-loads per day are anticipated. However, during busy times this may climb to twenty-five (25) truck-loads per day for short periods.

Plant and Equipment

1. All plant used on site will be of the mobile variety.
2. Excavation will occur for 3-5 months per year as required.
3. All mobile plant will be diesel powered partly below ground level in the pits with the remaining plant being involved in the crushing and screening.
4. Several stages of crushing will be required with primary crusher linked to secondary unit in turn linked to a tertiary unit with the screening sections in between and at the end of the line.

The following list of equipment is envisaged to be used.

- 2 Wheel Loaders – CAT980 or equivalent
- Water Cart – 6-wheel road truck fitted with a water canon – Mack or International Acco
- Terex Power screen - J1175 Jaw Crusher
- Terex Maxtrax – 1300 Cone Crusher
- Terex Maxtrax 1000 Cone Crusher
- Terex Warrior – 1800 2 deck Screen
- Terex – 6503 3 deck Screen
- Terex – M1700 wash Screen

Fuel Storage

Refuelling of all plant and equipment will occur on site. To enable this to occur a twenty-five thousand litre (25,000), self-bunded diesel fuel tank compliant with the WA Mines Act Regulations will be installed. Additionally, 3 one thousand litre (3 x 1,000) self-bunded engine oil storage tanks will also be installed. Waste oil will be taken from site by a licensed waste oil recycler.

Water Supply

It is proposed to install a bore on the property to meet operational demand (eg, dust management & firefighting). In the interim until the bore is installed it is envisaged that water will be purchased from the public water point on the corner of Clydesdale and Jennapullin roads.

SITE DETAILS

Location

The land is located on Clydesdale Rd in the locality of Grass Valley approximately 4.4 kilometres from the centre of the Grass Valley township by road or 3.2 kilometres in a direct line. A locality plan depicting the location of the site relative to Grass Valley township, is attached (Appendix 1).

Land Description

The land is legally described as lot 150 on plan 300080 on Certificate of Title Volume 1778, Folio 760. Lot 150 has a land area of 602.5357ha of which Resource Group (WA) Pty Ltd propose to utilise 65ha with the quarrying operations as shown on the attached map (Appendix 2).

Limitations, interests, encumbrances and notifications on the title include the following inscription:

"limited however to the natural surface and therefrom to a depth of 60.96 metres".

The Certificate of Title for the property is attached and marked as Appendix 3.

Lot	Certificate of Title	Area	Landowners
Lot 150 Plan 300080	Volume 1778 Folio 760	602.5357ha	Angus John Cooke Grant Collard Cooke P.O. Box 5 Grass Valley

Topography

The natural topography of the quarry area site is mostly undisturbed in recent times, however the property runs 5,000 sheep who graze through there from time to time. However, in the 1930's the proposed mining area was stripped of all trees so as to provide firewood to local trains. Further, in the 1960's a mining company cut tracks across the area with a bulldozer whilst taking samples for analysis. These are visible to this day. The area consists of four small hills with a ridge of Quartz running in a line through all four (two extrusions). These hills rise above a Southern sloping plain.

Resource Group has recently engaged a Licensed Land Surveyor to accurately plot the contours of the quarry site. (Appendix 4)

Surrounding Land Use

The site is located in a rural setting. The land surrounding the quarry site are all utilised for crop growing. The neighbouring lots are zoned 'Rural' under the Shire's Local Planning Scheme. A plan has been prepared to identify dwellings and proximity to the proposed quarry site (Appendix 5). Residency identified on the plan are protected from any noise that may emanate from the quarry by trees and a large hill. Likewise, visual observation of the quarry is completely hidden to the property and from Clydesdale Road. Of note is that this residence is located only 284 metres from the Great Eastern Highway so their back-ground noise level will be high at any point in the day or night,

Aboriginal, State and Local Heritage Considerations

Aboriginal Heritage

A search of the Aboriginal Heritage Inquiry System was conducted in March 2018 and it was found that no Aboriginal Heritage sites exist on Lot 150 Grass Valley.

State Heritage

A search of the State Heritage Listing was conducted in March 2018 and no sites of State Heritage significance were identified to be within Lot 150.

Shire of Northam Heritage

Lot 150 is not listed on the Northam Shire's Municipal Heritage Inventory.

Bushfire Considerations

Lot 150 is identified on the Map of Bushfire Prone Areas 2016 to be within a bushfire prone area (Appendix 6). The area to be quarried will progressively be cleared of regrowth prior to and during quarrying. Machinery will be parked on hardstand away from the quarry and any vegetation. It is considered that the proposed activities will neither be vulnerable to bushfire, nor would it introduce a bushfire hazard.

The pit excavations will form natural firebreaks, with the access roads assisting in that regard. An onsite Water truck equipped with a water canon can be utilised in any fire event, both in and around the operations and will also assist around the farm if fire should break out.

The following actions will be used where applicable to minimise fire risk:

- Restrict vehicle access to operational area, particularly on high fire risk days;
- Use diesel rather than petrol powered vehicles;
- Maintain perimeter fire breaks as required. Onsite wheel loaders can carry out this task;
- Ensure fire risk is addressed and compliance maintained;
- Establish on site water supplies for use in case of fires;
- Secure the site from unauthorised access by maintain existing fencing and keeping gates locked when not on site;
- Public access limited to the office area only;
- Stop work and prevent the movement of vehicles on days considered extreme fire risk in line with normal farming practice;
- Provide an emergency muster area, communications and worker induction and training;
- The site is within mobile phone range, vehicles will be equipped with UHF radios, and the surrounding area is relatively open and any bushfire smoke will readily be noticed;
- Emergency evacuation is available South to Clydesdale Rd and/or North through the back of the farm to Grass Valley North road.

LOCAL PLANNING FRAMEWORK

Shire of Northam Local Planning Strategy – July 2013

The Shires Local Planning Strategy (LPS) acknowledges on p24 the importance and need to secure the long-term protection of mineral resources and basic raw materials in the Shire.

It is a key strategy in the LPS to ensure that the development and use of land in the Shire for extractive industry complies with all relevant legislation, policies, guidelines and codes of practice applicable at the time including any Extractive Industries Local Law.

With regards to buffer zones, the LPS on pages 48 and 49 encourages and supports the appropriate management and monitoring of industries to ensure that emissions do not exceed acceptable levels at the outer boundary of their defined buffer area.

Shire of Northam Local Planning Scheme No. 6

Zoning

Lot 150 of Plan 300080 is zoned "Rural" under the Shires Local Planning Scheme.

It is the objective of the Rural zone to provide for horticulture, extensive and intensive agriculture, agroforestry, local services and industries, extractive industries and tourist uses which ensure conservation of landscape qualities in accordance with the capability of the land.

General Development Requirements

Clause 5.25 of the Scheme sets out the circumstances under which extractive industries will be supported by the shire (subclause 5.25.1), material to be accompanied by any development application (clause 5.25.2), and the scope of conditions the Shire may consider imposing on any development approval.

Schedule 2 – Deemed Provisions for Local Planning Schemes of the Planning and Development (Local Planning Scheme) Regulations 2015

Several sections of the deemed provisions for local planning schemes are relevant to this proposal, and in particular the relevant sections of Clause 67 – Matters to be considered by local Government.

Local Planning Policies

Shire of Northam Local Planning Policy Number 21 – extractive Industry

The objectives of the Policy are:

- Assist Council in determining applications for Extractive Industries by providing general guidelines and outlining matters Council will have regard for in assessing applications;
- Outline the information to be provided by applicants when requesting Development Approval for Extractive Industry;
- Provide for appropriate 'buffers' between Extractive Industry and sensitive land uses;
- Protect and maintain the existing landscape character, native vegetation, productive agricultural uses and general amenity of the Shire;
- Ensure those portions of the Shire of Northam controlled roads affected by the activities relating to Extractive Industries are maintained to a minimum acceptable standard at no extra burden or cost to Council.
- Prescribe an annual road maintenance contribution, applicable to all Extractive Industries within the Shire of Northam, for recovery of expenses towards maintenance and repair of roads due to heavy and/or extraordinary traffic associated with the operation an Extractive Industry, in keeping with Sections 84 and 85 of the Road Traffic Act 1974; and
- Ensure that the prescribed road maintenance contribution correlates with activity and usage of the Shire of Northam road network.

The Policy also provides guidance on –

- The information to be submitted with a development application; and

- The matters the Shire will have regard for when considering an application for development approval.

STATE PLANNING FRAMEWORK

State Planning Policy 2.4 – Basic Raw Materials (SPP2.4)

SPP2.4 sets out the matters which are to be considered and given effect by the Western Australian Planning Commission (WAPC), and local governments in considering zoning, subdivision and development applications for extractive industries.

The objectives of SPP2.4 are as follows:

- identify the location and extent of known basic raw material sources;
- Protect priority resource locations, key extraction areas and extraction areas from being developed for incompatible land uses which could limit future exploitation;
- Ensure that the use and development of land for the extraction of basic raw materials does not adversely affect the environment or amenity in the locality of operation during or after extraction; and
- Provide a consistent planning approval process for extractive industry proposals including the early consideration of sequential land uses.

Lot 150 has been identified as "Extraction Area" on the Policy Area – Resource Protection Map (figure 2) in SPP2.4 (Appendix 7)

State Planning Policy 2.5 – Rural Planning

SPP2.5 is the basis for planning and decision making for rural and rural living land across Western Australia.

It is a key objective (section 4 (c) of SPP2.5) to secure significant basic raw material resources and provide for their extraction.

SPP2.5 acknowledges that basic raw materials are essential for the construction of buildings, roads, and other infrastructure, and also for the sustainability of agricultural production.

In accordance with Clause 5.12.1 (b) of the policy, where development is proposed for land use that may generate off-site impacts, there should be application of separation distances used in environmental policy and health guidance, prescribed standards, accepted industry standards and/or Codes of Practice, followed by considering –

- i. whether the site is capable of accommodating the land use; and/or
- ii. 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 land uses; and
- iii. whether if clauses (i) and/or (ii) are met, a statutory buffer is not required.

State Planning Policy 4.1 – State Industrial Buffer

The objectives of this policy are:

- To provide consistent state-wide approach for the definition and securing of buffer areas around industry, infrastructure and special uses;
- To protect industry, infrastructure and special uses from the encroachment of incompatible land uses;
- To provide for the safety and amenity of land uses surrounding in industry, infrastructure and special uses; and
- To recognise the interests of existing landowners within the buffer areas who may be affected by residual emissions and risks, as well as the interests, needs and economic benefits of existing industry and infrastructure which may be affected by encroaching incompatible land uses.

RELEVANT PLANNING CONSIDERATIONS

Buffers

In accordance with Clause 5.12.(c) of SPP2.5, 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) (refer State Planning Report Framework – SPP2.5 of this report), then more detailed consideration of off-site impacts may be required.

Noise emitted by quarry activities is governed by the Environmental Protection (Noise) Regulations 1997 (the Regulations). The regulations 7, 8 and 9 cover such activities.

Resource Group (WA) considers that noise and vibration are aspects of the proposal that may generate off-site impacts. Resource Group (WA) has consequently engaged SLR Consulting Australia Pty Ltd to undertake a desktop assessment (modelling) of acoustic effects associated with the proposed activities, to evaluate compliance with relevant regulations, and if necessary, identify appropriate in-principle noise control measures to achieve conformity with the Regulations.

An acoustic assessment report titled "Grass Valley Quarry – report numbers 675.11334-R03 – dated May 2018 is attached (appendix 8).

Note: Dust monitoring was not undertaken as the quarry has yet to commence. However, it is considered that dust can be managed effectively at the site through the application of 'best practice' site management practices in line with the relevant Regulations.

Methodology

The noise assessment methodology is set under Pt 3.1 of the report [attached]

Transport Management

Control of noise from truck movements will be achieved by moderating speed in any difficult areas and by keeping trucks well maintained. Regular inspections of road trucks, specifically for noise sources such as mufflers and exhaust brakes will be carried out in compliance with WA Road Traffic Act 2012 and the Vehicle Noise Standard ADR83/00.

The following will be adhered to on-site:

- Maintenance of internal roads so as to avoid corrugation;
- Use of broadband reversing alarms on all earthmoving equipment as an alternative to the beeper type;
- A stop sign at the junction of the quarry access road and Clydesdale road – all vehicles to stop with road trucks in particular announcing their intent by radio of their access onto Clydesdale road; and
- Minimal use of exhaust brakes along Clydesdale road. Exhaust breaks within the quarry confines will be banned

Safety Management

All quarries operate under the provisions of the Mines Safety and Inspection Act 1994 and Regulations 1995. These are administered by the Department of Mines, Industry Regulations and Safety (DMIRS).

The regulation is achieved through the DMIRS Safety Regulations and Reporting Systems (SRS).

All quarries upon commencement are required to register with the SRS system. As part of the registration a Project Management Plan is required to be produced and lodged on line after all planning approvals are in place and prior to commencement. Officers from the Safety Division of DMIRS inspect the operations in relation to health and safety.

Complaints Mechanism

The following complaints mechanism is proposed:

1. Contact details will be prominently displayed at the entrance to the quarry operations
2. A complaints book will be provided and maintained by Resource Group (WA) Pty Ltd, or its contractors.
3. Upon receipt of a complaint, Resource Group, or its contractor will investigate and action the complaint
4. If a complaint is found to be legitimate, Resource Group will, where possible undertake any reasonable action to mitigate the cause of the complaint, and where possible take reasonable steps to prevent recurrence in the future.
5. Details of any complaints, the complainant, investigations and any resulting actions and the reasons will be recorded in the Complaints Book.
6. The Shire of Northam will be informed of any complaint or any other report provided to a Government Department within 5 working days.
7. The Complaints book will be made available for viewing or requested details made available to the Northam Shire or any other statutory official upon request.

Site Rehabilitation

As outlined in the 'Proposal' section of this document, a phased rehabilitation of the site will occur during the life of the quarry.

The primary objective of the site rehabilitation is to ensure that the site is closed, decommissioned and rehabilitated in an ecological sustainable manner, consistent with agreed outcomes and final land uses, and without liability to the Shire. To achieve this, Resource Group (VVA) will rehabilitate the bulk of the land to pasture safe for grazing by –

- Leave natural buffer zone facing Clydesdale Road;
- Batter final faces to an acceptable angle as per normal practice required by DMIRS;
- Infill benches with oversize and fill to assist with agreed angle of repose; (see Appendix 12-13 for pit designs and final faces)
- Progressively removing all infrastructure, internal road, hardstand areas, non-natural materials from the site at the end of the project;
- Removing all materials, equipment and plant associated with their operations at the end of the excavation;
- Removing from site all contaminated material (If any) prior to closure;
- Ensure landforms and other geomorphological features are compatible with the locality and end use (pasture), and be sustainable in the long term;
- Ensure that weed levels will not cause significant impacts on rehabilitation; and
- Monitoring the rehabilitation efforts to ensure that any area not meeting completion criteria are added to or replaced as necessary to enable the relevant criteria to be met.

CONCLUSION

This application is proposed in a manner that is consistent with the objectives of the Rural Zone of the Shires Local Planning Scheme No. 6.

WE consider that the enclosed information and plans are sufficient to enable Shire staff to advertise the proposal and for Council to determine the application favourably. We respectfully request the application is tabled on the agenda for the next available Ordinary Council Meeting.

Should you require any additional information or have any questions regarding the proposal, please do not hesitate to contact the undersigned.

Sincerely Yours



RESOURCE GROUP (WA)

Tony Nicholson

Director

PO Box 332

Inglewood WA 6052

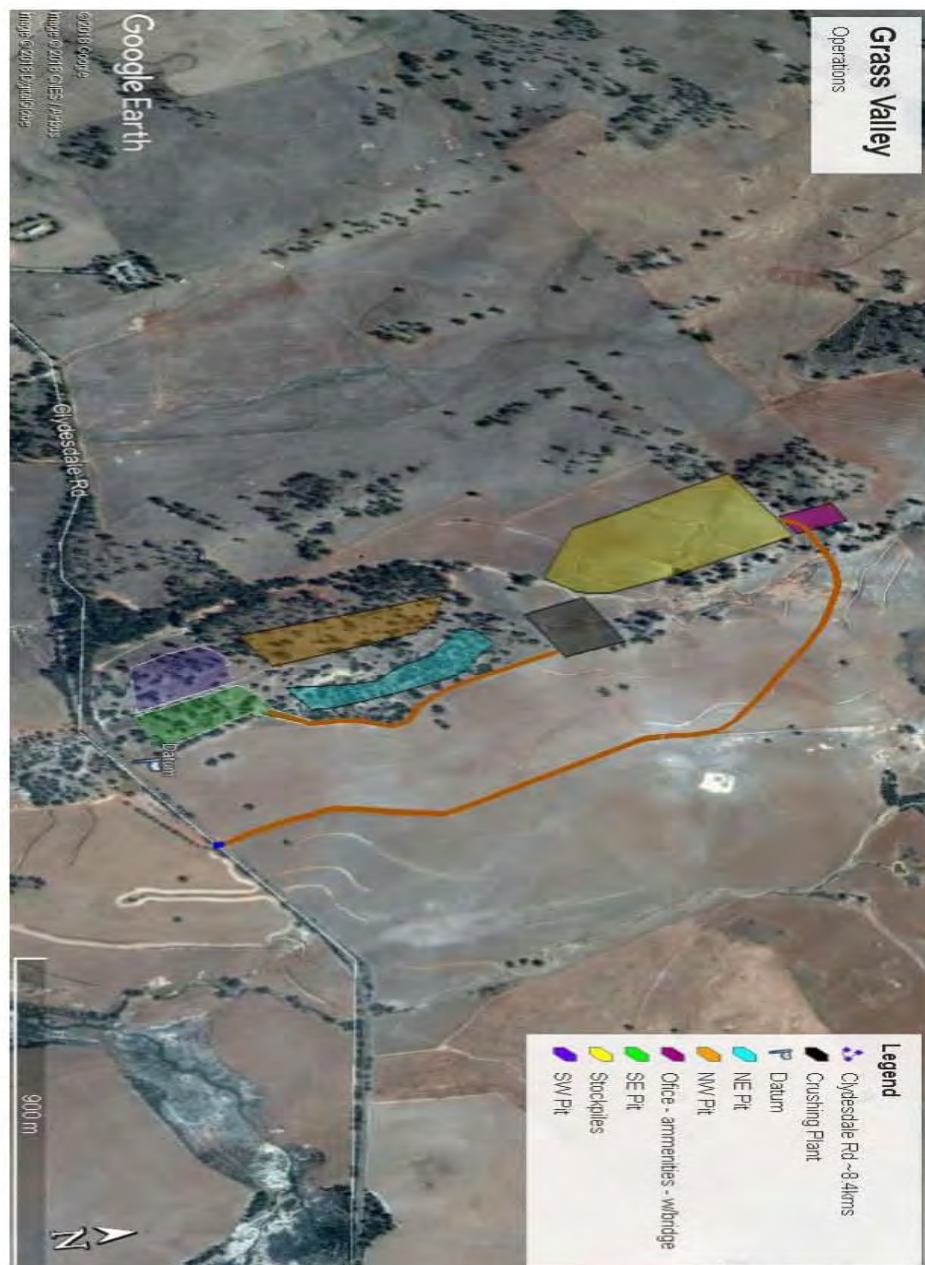
Phone: 0439.418401

Email: tonynicholson@resourcegroup.com.au

APPENDIX 1 – LOCATION PLAN

14

APPENDIX 2 – AREA OF OPERATION



APPENDIX 3 – TITLE DEED



REGISTER NUMBER	
N/A	
Duplicate Edition	Date Duplicate Issued
1	3/11/2010

VOLUME 1778
FOLIO 760

RECORD OF CERTIFICATE OF TITLE
UNDER THE TRANSFER OF LAND ACT 1893

The person described in the first schedule is the registered proprietor of an estate in fee simple in the land described below subject to the reservations, conditions and depth limit contained in the original grant (if a grant issued) and to the limitations, interests, encumbrances and notifications shown in the second schedule.



REGISTRAR OF TITLES

THIS IS A MULTI-LOT TITLE

LAND DESCRIPTION:

LOT 8444 ON DEPOSITED PLAN 123364
LOT 805 ON DEPOSITED PLAN 224730
LOT 2080 ON DEPOSITED PLAN 249154
LOT 2078 ON DEPOSITED PLAN 249155
LOT 150 ON DEPOSITED PLAN 300080

REGISTERED PROPRIETOR:
(FIRST SCHEDULE)

GRANT COLLARD COOKE
ANGUS JOHN COOKE
BOTH OF POST OFFICE BOX 5, GRASS VALLEY
AS TENANTS IN COMMON IN EQUAL SHARES

(T111851) REGISTERED 21/5/2002

LIMITATIONS, INTERESTS, ENCUMBRANCES AND NOTIFICATIONS:
(SECOND SCHEDULE)

1. L436292 MORTGAGE TO RABOBANK AUSTRALIA LTD AS TO LOT 8444 ON DP 123364, LOT 805 ON DP 224730, LOT 2080 ON DP 249154, LOT 2078 ON DP 249155 ONLY REGISTERED 23/9/2010.

Warning: A current search of the sketch of the land should be obtained where detail of position, dimensions or area of the lot is required.
* Any entries preceded by an asterisk may not appear on the current edition of the duplicate certificate of title.
Lot as described in the land description may be a lot or location.

-----END OF CERTIFICATE OF TITLE-----

STATEMENTS:

The statements set out below are not intended to be nor should they be relied on as substitutes for inspection of the land and the relevant documents or for local government, legal, surveying or other professional advice.

SKETCH OF LAND: 1778-760 (8444/DP123364), 1778-760 (805/DP224730), 1778-760 (2080/DP249154), 1778-760 (2078/DP249155), 1778-760 (150/DP300080)
PREVIOUS TITLE: 1703-85
PROPERTY STREET ADDRESS: 792 CLYDESDALE RD, GRASS VALLEY (150/DP300080).

END OF PAGE 1 - CONTINUED OVER

LANDGATE COPY OF ORIGINAL NOT TO SCALE Wed May 30 10:05:10 2018 JOB 56831002

18



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REGISTER NUMBER: N/A	VOLUME/FOLIO: 1778-760	PAGE 2
LOCAL GOVERNMENT AUTHORITY:	SHIRE OF NORTHAM	
NOTE 1:	L461934	LAND DESCRIPTION AMENDED ON ORIGINAL CERTIFICATE OF TITLE - BUT NOT SHOWN ON CURRENT EDITION OF THE DUPLICATE.
NOTE 2:		SKETCH ON ORIGINAL SUPERCEDED PAPER TITLE AMENDED - BUT NOT SHOWN ON CURRENT EDITION OF THE DUPLICATE.
NOTE 3:		DEPOSITED PLAN 300080 HAS YET TO BE PRODUCED.

ORIGINAL – NOT TO BE REMOVED FROM OFFICE OF

Application D565070 WESTERN AUSTRALIA
Volume 1703 Folio 85

CT 1778 0760 F

REGISTER BOOK
VOL. 1778 FOL. 760

CERTIFICATE OF TITLE

UNDER THE "TRANSFER OF LAND ACT, 1893" AS AMENDED

I certify that the person described in the First Schedule hereto is the registered proprietor of the undermentioned estate in the undermentioned land subject to the easements and encumbrances shown in the Second Schedule hereto.

Dated 23rd September, 1987

REGISTRAR OF TITLES

ESTATE AND LAND REFERRED TO

Estate in fee simple in Avon Locations 805, 2078, 2080, 8444 and portion of Avon Location 2116, as delineated on the map in the Third Schedule hereto.
As to the said Location 8444 only: limited however to the natural surface and therefrom to a depth of 60.96 metres.

FIRST SCHEDULE (continued overleaf)

John Barnard Cooke of Grass Valley, Farmer

SECOND SCHEDULE (continued overleaf)

1. MORTGAGE A758727 to Commonwealth Development Bank of Australia. Registered 4.12.73 at 1.38 p.c.
Discharged E231514 10.11.89

THIRD SCHEDULE

The Deposited Plan for this Certificate of Title is to be produced. The Plan and Lot number have been allocated as an interim measure to enable issue of a Digital Certificate of Title. Please refer to this Title for the sketch of the land.

SCALE 1:30,000
TOTAL AREA 602.5357 ha
PUBLIC PLAN - GRASS VALLEY HW & SW 25000

NOTE: RULING THROUGH PLAN AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT. ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS

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Page 2 (of 2 pages)











FIRST SCHEDULE (continued)

NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT.
ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

REGISTERED PROPRIETOR	INSTRUMENT NATURE	NUMBER	REGISTERED	TIME	SEAL	INITIALS
Anous John Cooke and Grant Collard Cooke both of Box 5, Grass Valley, as tenants in common in equal shares. The correct address of the registered proprietors is now Post Office Box 5, Grass Valley.	Transfer By	1111851 1621590	21.5.02 10.9.03	8.39 9.15		

SECOND SCHEDULE (continued)

NOTE: RULING THROUGH AND SEALING WITH THE OFFICE SEAL INDICATES THAT AN ENTRY NO LONGER HAS EFFECT.
ENTRIES NOT RULED THROUGH MAY BE AFFECTED BY SUBSEQUENT ENDORSEMENTS.

INSTRUMENT NATURE	NUMBER	PARTICULARS	REGISTERED	TIME	SEAL	INITIALS	REGISTERED OR LODGED	NUMBER	CANCELLATION	SEAL	INITIALS
Mortgage	D684277	to National Australia Bank Ltd.	29.2.88	9.31			21.5.02	1111852	Discharged		
Mortgage	1111854	to National Australia Bank Ltd.	21.5.02	8.39			10.9.03	1621587	Discharged		
Mortgage	1621590	to Commonwealth Bank of Australia.	10.9.03	9.15							

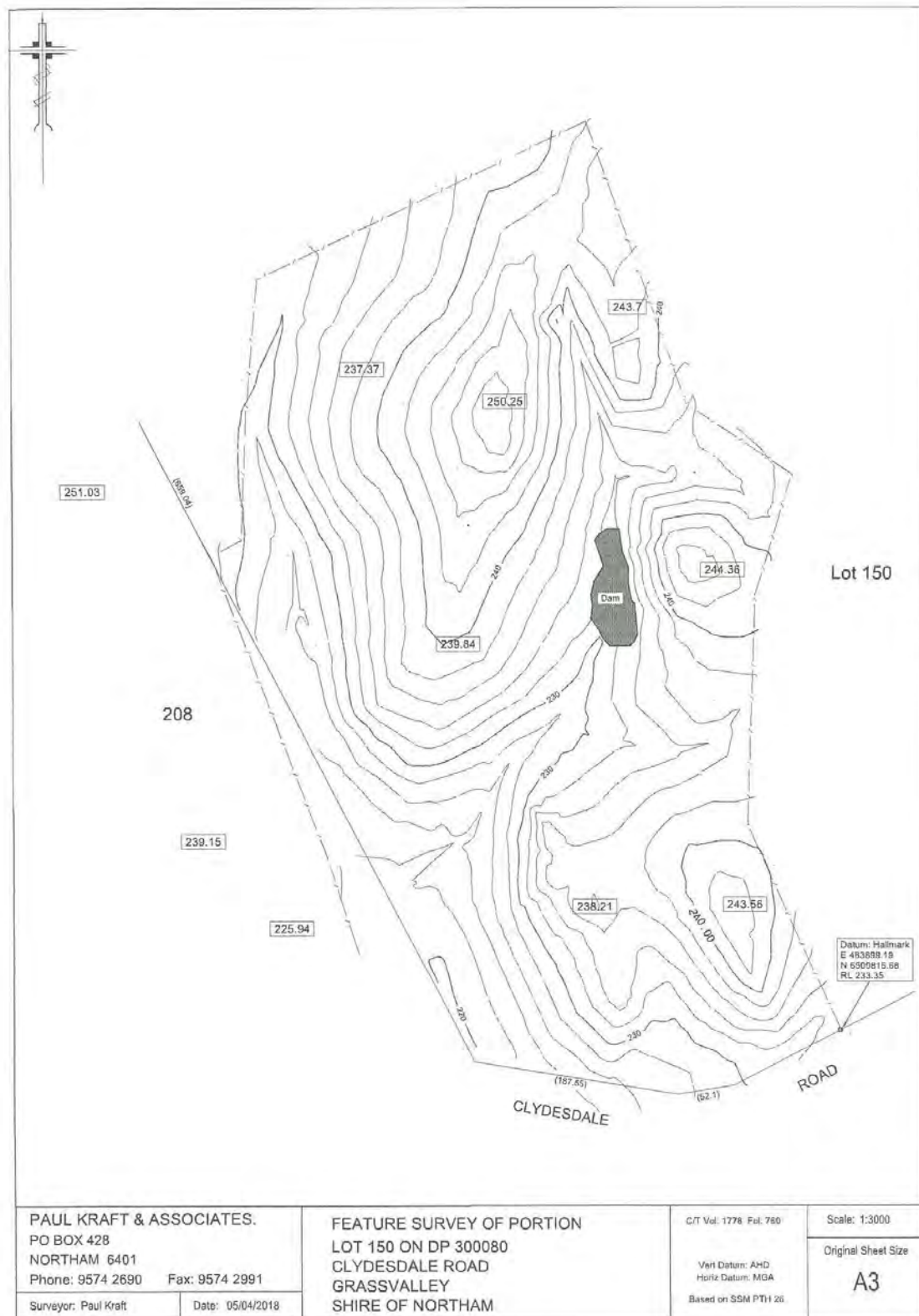
CERTIFICATE OF TITLE VOL. 1778 760

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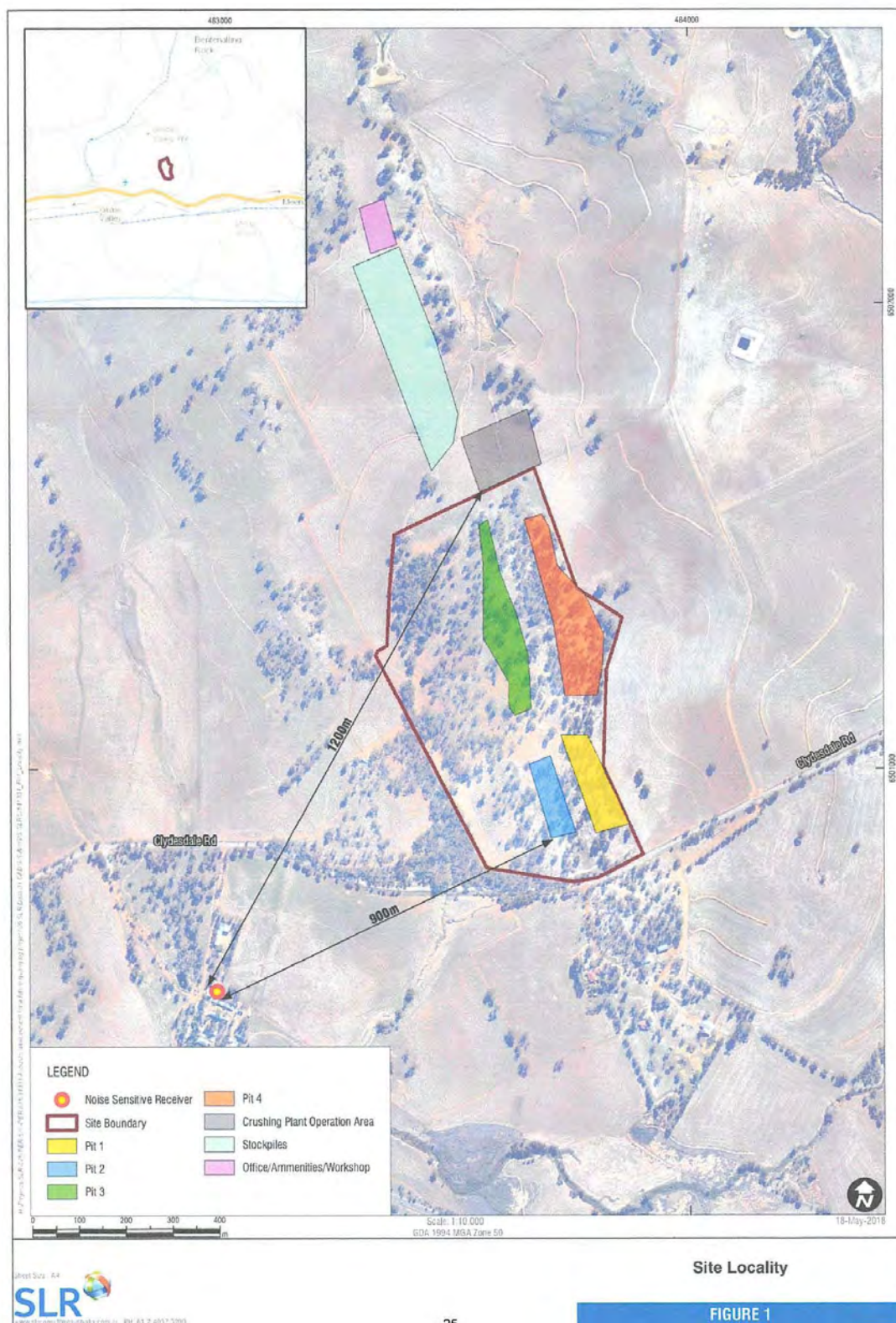
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APPENDIX 4 – QUARRY CONTOURS



APPENDIX 5 – NOISE AFFECTED LOCATION

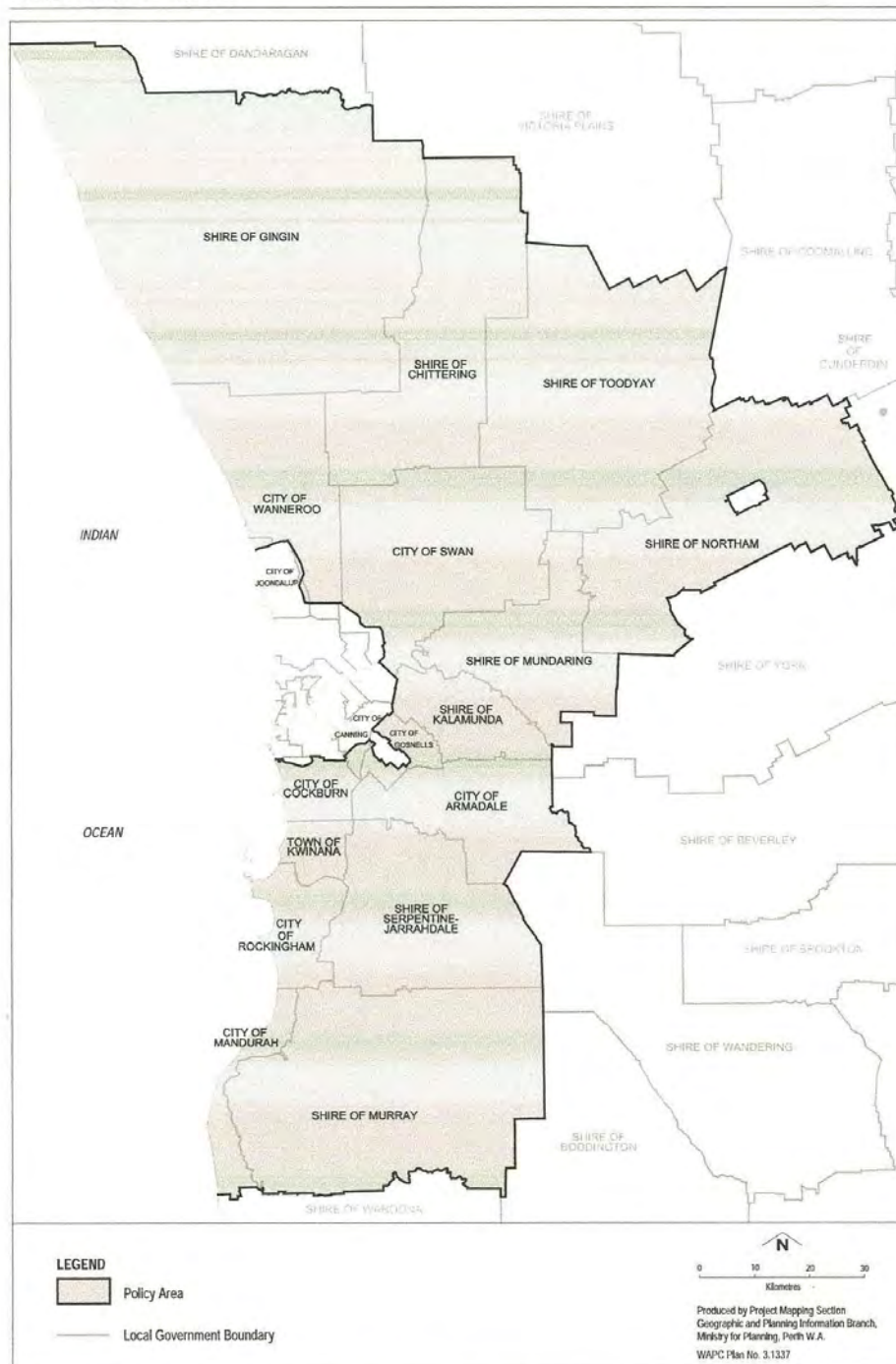


APPENDIX 6 –FIRE ZONE MAP



APPENDIX 7 - SPP2.4 'RESOURCE PROTECTION MAP'

Policy Area for SPP No. 2.4



Local Governments Included in Policy

Figure 1

APPENDIX 8 - ACOUSTIC ASSESSMENT REPORT

CLYDESDALE ROAD QUARRY PROJECT GRASS VALLEY

Acoustic Assessment

Prepared for:

Resource Group WA Pty Ltd
PO Box 332, Inglewood WA, 6052



Resource Group WA Pty Ltd
Clydesdale Road Quarry Project Grass Valley
Acoustic Assessment

SLR Ref No: 675.11334-R01-v0.1 Resource Group WA Quarry
Project_Grass Valley_20180521.docx
May 2018

PREPARED BY

SLR Consulting Australia Pty Ltd
ABN 29 001 584 612
Ground Floor, 503 Murray Street
Perth WA 6000 Australia

T: +61 8 9422 5900 F: +61 8 9422 5901
E: perth@slrconsulting.com www.slrconsulting.com

BASIS OF REPORT

This report has been prepared by SLR Consulting Australia Pty Ltd with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with Resource Group WA (the Client). Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of the Client. No warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the Client and others in respect of any matters outside the agreed scope of the work.

DOCUMENT CONTROL

Reference	Date	Prepared	Checked	Authorised
675.11334-R03-v0.1	21 May 2018	Anshuman Sahu	Binghui Li	Binghui Li
675.11334-R02-v0.1	18 May 2018	Anshuman Sahu	Binghui Li	Binghui Li
675.11334-R01-v0.1	15 May 2018	Anshuman Sahu	Binghui Li	Binghui Li

Resource Group WA Pty Ltd
Clydesdale Road Quarry Project Grass Valley
Acoustic Assessment

Report Number 575.11334-R03
21 May 2018
Version -v0.1
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2	ASSESSMENT CRITERIA	6
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3.1.1	Ground Absorption	7
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APPENDICES

Appendix A	Acoustic Terminology
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1 Introduction

Resource Group WA (the Applicant) proposes an quarry development at Lot 150 DP300080 (C/T Vol 1778 Fol:760), Clydesdale Road, Grass Valley within the Shire of Northam, Western Australia.

SLR Consulting Australia Pty Limited (SLR) has been commissioned to undertake a desktop assessment of acoustic effects associated with the proposed quarry development, to evaluate compliance with the *Environmental Protection (Noise) Regulations 1997* (the Regulations), and if necessary, identify appropriate in-principle noise control measures to achieve compliance.

2 Project Overview

2.1 Site Locality

The proposed quarry development is located to the north of the Clydesdale Road and surrounded by a mixture of agricultural and undeveloped land, as shown in the site locality of the quarry in **Figure 1**. The quarry site comprises of four quarry pits, one crushing plant operation area, a stockpile zone and a site office and a workshop.

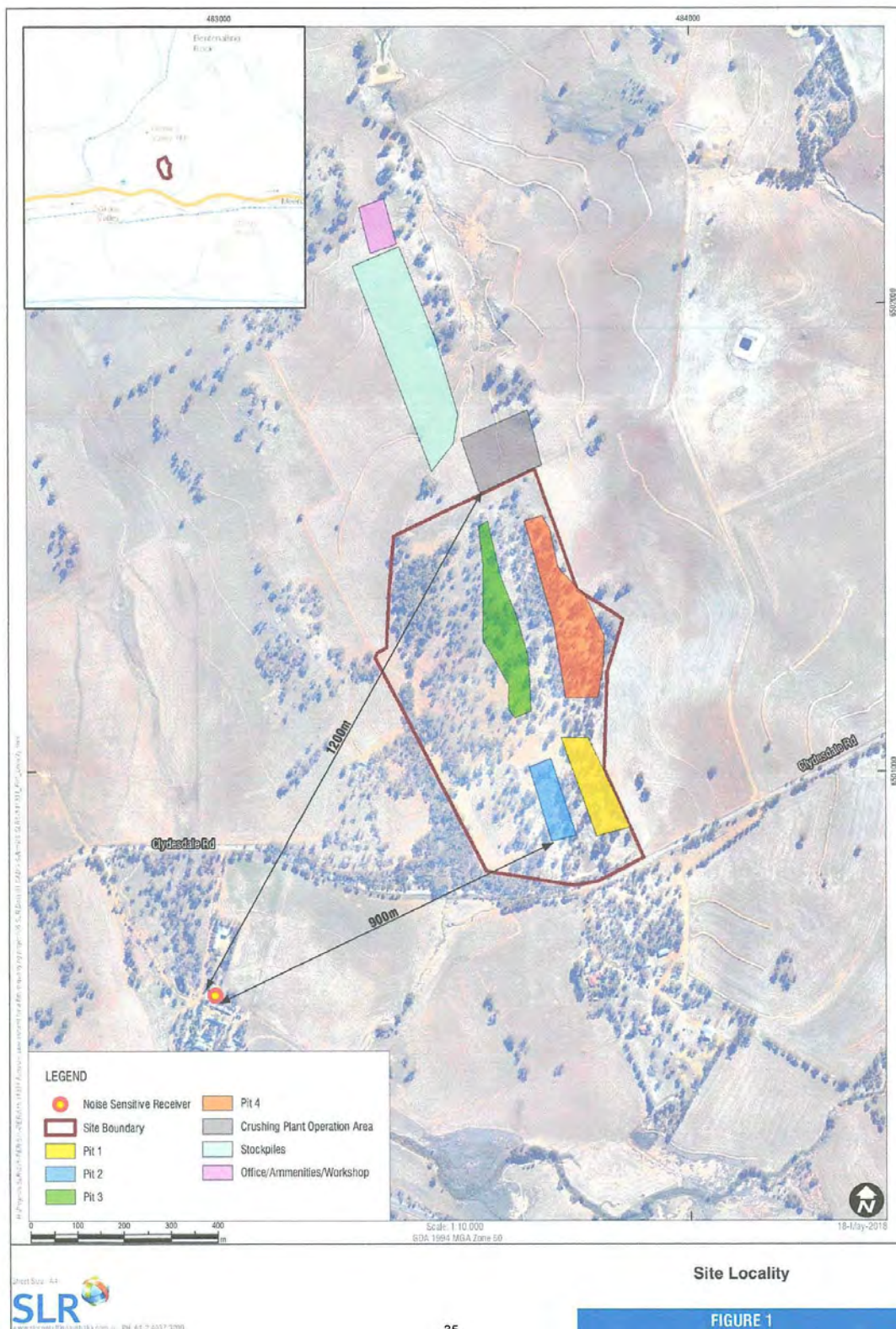
The most adjacent noise sensitive receiver (NSR) that has the potential to be affected by the noise from the proposed quarry operation is a residential premise which is located to the southwest of the quarry site, between Clydesdale Road and the Great Eastern Hwy, and nearly 900 metres away from the nearest quarry pit (i.e. Pit 2 as in **Figure 1**).

2.2 Proposed Quarry Operations

The quarry is proposed to operate from 7:00 am to 5:00 pm Monday to Friday and 7:00am to 4:00pm on Saturday. Road trucks are proposed to arrive on the quarry site approximately 6:30am to 7:30am via Clydesdale Road and Watson Road.

The majority of noise generating machinery and activities will be located within the crushing plant operation area, with the major noise sources listed in **Table 4** in Section **3.1.3**.

The quarry operation is proposed to have a production period of 3 – 4 months per year, and the rest as the quieter non-production sales period of 8 – 9 months per year.



2 ASSESSMENT CRITERIA

Noise emitted by quarry activities is governed by the *Environmental Protection (Noise) Regulations 1997* (the Regulations). Regulations 7, 8 and 9 cover such activities.

There are different assigned noise levels in the Regulations for sensitive, commercial and industrial type premises. The assigned noise levels for noise sensitive premises vary depending on the time of the day and how close the noise sensitive premises are to industrial and commercial areas and to major or secondary roads. The assigned noise levels always apply at the premises receiving the noise.

As there are no commercial and industrial premises or major or secondary roads in the vicinity of the receiver, no influencing factor for the assigned noise level of the noise sensitive receivers is applied. The levels of noise that are allowed to be received at the identified nearest NSR under the Regulations (assigned levels) are shown in **Table 1**.

Given the proposed quarry development is proposed to operate from 7:00 am to 5:00 pm Monday to Friday and till 4:00pm on Saturday, the applicable daytime noise criteria have been highlighted in **Table 1**.

Table 1 Table of Assigned Noise Levels

Type of premises receiving noise	Time of day	Assigned Level (dB)		
		LA10	LA1	LAmx
Noise sensitive premises (e.g. Residential)	7:00 am to 7:00 pm Monday to Saturday	45	55	65
	9:00 am to 7:00 pm Sunday and public holidays	40	50	65
	7:00 pm to 10:00 pm all days	40	50	55
	10:00 pm on any day to 7:00 am Monday to Saturday and 9:00am Sunday and public holidays	35	45	55

Regulation 7 of the Regulations requires that if noise emitted from any premises when received at any other premises cannot reasonably be free of intrusive characteristics of tonality, modulation and impulsiveness, then a series of adjustments must be added to the emitted levels (measured or calculated) and the adjusted level must comply with the assigned level. The adjustments are detailed in the following table and are further defined in Regulation 9(1):

Table 2 Table of Adjustments

Adjustment where noise emission is not music these adjustments are cumulative to a maximum of 15 dB		
Where tonality are present	Where modulation is present	Where impulsiveness is present
+5 dB	+5 dB	+10 dB

- Tonality is defined in Regulation 9(1) as being present where the difference between the A weighted sound pressure level in any one third octave band and the arithmetic average of the A weighted sound pressure levels in the two adjacent one third octave bands is greater than 3 dB in terms of $L_{Aeq,T}$ where the time period T is greater than 10% of the representative assessment period, or greater than 8 dB at any time when the sound pressure levels are determined as $L_{A\text{slow}}$ levels.
- Modulation is defined as a variation in the emission of noise that —

- is more than 3 dB $L_{A_{Fast}}$ or is more than 3 dB $L_{A_{Fast}}$ in any one third octave band;
 - is present for at least 10% of the representative assessment period; and
 - is regular, cyclic and audible.
- Impulsiveness is defined as present where the difference between $L_{A_{peak}}$ and $L_{A_{max}}$ is more than 15 dB when determined for a single representative event.

Based on the source noise levels, the types of activities and distances between the quarry site and NSR, no adjustments to the assigned noise levels in **Table 1** are considered to be applicable in this instance.

3 NOISE ASSESSMENT

3.1 Methodology

A noise model was prepared based on the modelling platform SoundPLAN. The software allows the use of various internationally recognised noise prediction algorithms. The CONCAWE algorithm was selected for this assessment, as it enables meteorological influences to be assessed, and has been recognised by the *Western Australian EPA Environmental Noise Guidelines* as an appropriate algorithm for predicting environmental noise from industrial sources. The model takes into account the land topography.

The noise level predictions are undertaken for receivers with 1.5 m height above ground level.

It is important to note that the actual noise levels in practice may vary from the conditions modelled. Levels will vary in practice; however we have taken into consideration this uncertainty.

3.1.1 Ground Absorption

To provide a conservative assessment approach, hard ground (100% sound reflective) was assumed for the quarry and processing areas; considering the rural settings of the surrounding area being farm land or undeveloped land with grass or trees, 100% sound absorptive ground condition has been assumed elsewhere in the surrounding area.

3.1.2 Meteorological Conditions

The SoundPLAN model included the meteorological parameters outlined in the *EPA Guidance for the Assessment of Environmental Factors Environmental Noise, Draft No.8*; these parameters are highlighted in **Table 3**. The modelling also assumed a worst case scenario for wind direction, i.e. blowing in a direction from the source to the receiver.

Table 3 Meteorological Conditions Used in the Noise Predictions

Time of Day	Temperature	Relative Humidity	Wind Speed*	Pasquill Stability Category
Day (07:00 to 19:00)	20°C	50%	4 m/s	E

* - Wind has been modelled orientated so that it blows from the source to the receiver.

3.1.3 Source Noise Levels

The source sound power levels used in the modelling are shown in **Table 4**. These levels are based on source level data provided, manufacturer published data, SLR in-house library data and relevant industry guidelines (e.g. *BS 5228-1:2009 Code of practice for noise and vibration control on construction and open sites – Part 1 Noise*).

Table 4 Modelled Source Sound Power Levels

Equipment	Quantity	Octave Band Source Spectral Level, dB (unweighted)								Total A-weighted, dB
		63	125	250	500	1k	2k	4k	8k	
Cat 980 wheel loaders	2	95	105	100	101	102	101	91	85	110
Water Cart	1	88	83	85	80	80	77	73	64	85
Cone Crusher	2	115	115	112	111	109	107	102	92	114
Primary Crusher	1	117	117	114	113	111	109	104	94	116
Deck Screen	5	94	95	104	106	104	105	104	105	112
Drill Rig	1	115	121	114	117	113	112	107	106	119
Wash Screen	1	99	109	101	101	102	99	96	93	112
Dump Truck	1	106	99	99	99	99	104	99	80	107
Sales Delivery Truck	1	109	102	102	102	102	107	102	83	110

3.1.4 Noise Modelling Scenarios

Based on the operational information provided by the client, predictions were made for the quarry operation scenario with the following operation assumptions. The worst case plant and machinery locations are assumed, i.e. being close to the southwest boundary of the crushing area as shown in **Figure 1**.

- Day time operation (7:00 am to 7:00 pm Monday to Saturday).
- All identified major noise sources as listed in **Table 4** are operating simultaneously, being as the worst case consideration.
- The sound levels referred to in this report represent the LA10 emission level.

Considering that the assessed NSR is much closer to the Great Eastern Hwy than the access/egress route for road trucks into the quarry pit, it is expected that the traffic noise from road trucks are much lower than the baseline traffic noise from the Great Eastern Hwy. The noise emissions from road trucks is also considered as secondary compared with the noise associated with the crushing plant operations. As such, the traffic noise from road trucks is not assessed in this study.

3.2 Results

The predicted unmitigated noise level at the NSR has been calculated according to the modelling methodology detailed in **Section 3.1** and are shown in **Table 5**.

Resource Group WA Pty Ltd
Clydesdale Road Quarry Project Grass Valley
Acoustic Assessment

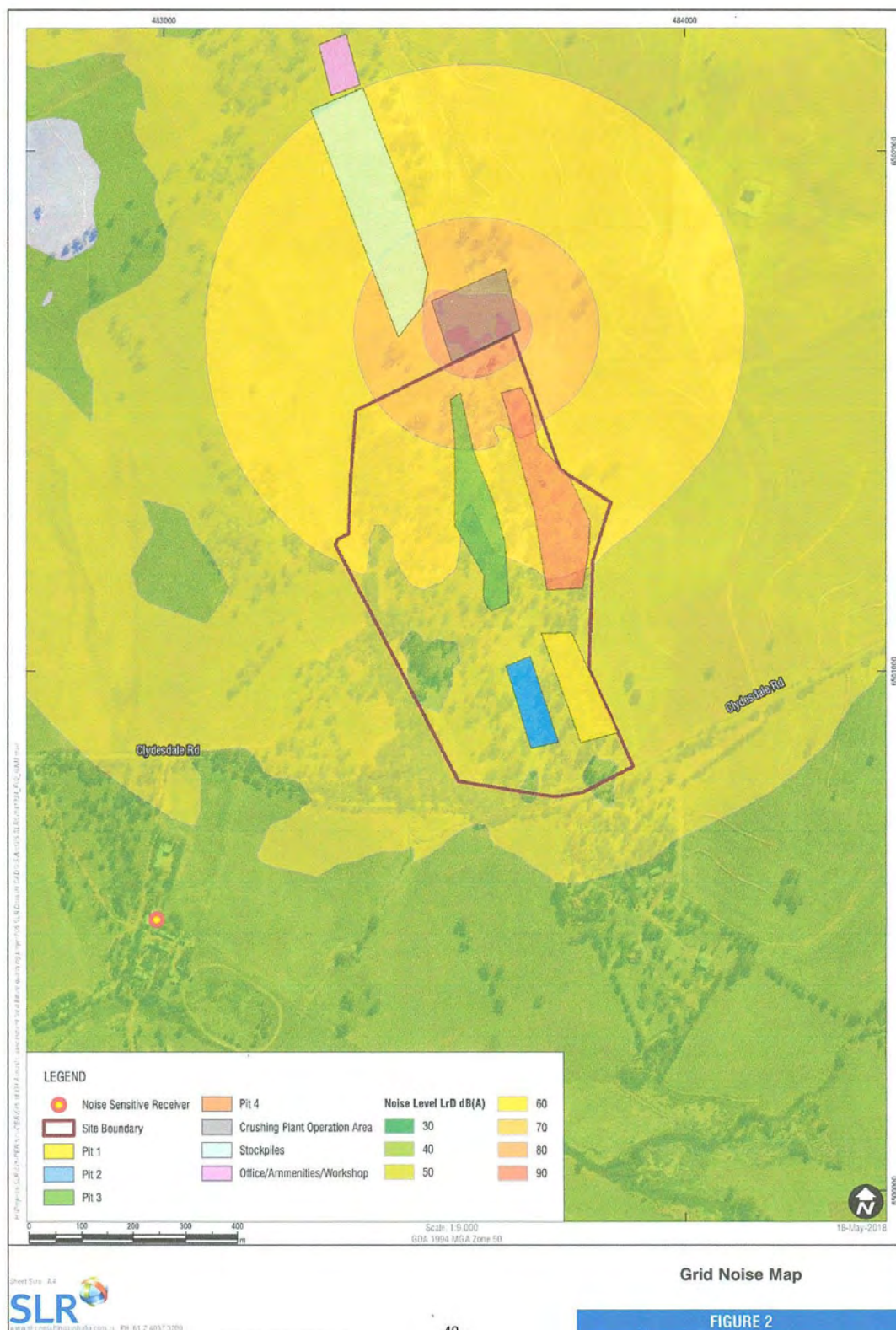
Report Number 675.11334-R03
21 May 2018
Version -v0.1
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The modelling results show that the noise levels from the proposed quarry operations result in compliance with the daytime criteria at the assessed NSR location. The grid noise map covering the quarry and surroundings is also presented in **Figure 2** below.

Table 5 Predicted Noise Levels at the NSR

NSR	Noise level L_{A10} , dB		Expected Outcome
	Daytime		
	Predicted	Criteria	
NSR 1	44	45	Compliance

It is recommended that noise model validation is to be conducted based on site monitoring once the proposed quarry comes into full operation.



APPENDIX A

ACOUSTIC TERMINOLOGY

1 Sound Level or Noise Level

The terms "sound" and "noise" are almost interchangeable, except that in common usage "noise" is often used to refer to unwanted sound.

Sound (or noise) consists of minute fluctuations in atmospheric pressure capable of evoking the sense of hearing. The human ear responds to changes in sound pressure over a very wide range. The loudest sound pressure to which the human ear responds is ten million times greater than the softest. The decibel (abbreviated as dB) scale reduces this ratio to a more manageable size by the use of logarithms.

The symbols SPL, L or LP are commonly used to represent Sound Pressure Level. The symbol LA represents A-weighted Sound Pressure Level. The standard reference unit for Sound Pressure Levels expressed in decibels is 2E-5 Pa.

2 "A" Weighted Sound Pressure Level

The overall level of a sound is usually expressed in terms of dBA, which is measured using a sound level meter with an "A-weighting" filter. This is an electronic filter having a frequency response corresponding approximately to that of human hearing.

People's hearing is most sensitive to sounds at mid frequencies (500 Hz to 4000 Hz), and less sensitive at lower and higher frequencies. Thus, the level of a sound in dBA is a good measure of the loudness of that sound. Different sources having the same dBA level generally sound about equally loud.

A change of 1 dBA or 2 dBA in the level of a sound is difficult for most people to detect, whilst a 3 dBA to 5 dBA change corresponds to a small but noticeable change in loudness. A 10 dBA change corresponds to an approximate doubling or halving in loudness. The table below lists examples of typical noise levels

Sound Pressure Level (dBA)	Typical Source	Subjective Evaluation
130	Threshold of pain	Intolerable
120 110	Heavy rock concert Grinding on steel	Extremely noisy
100 90	Loud car horn at 3 m Construction site with pneumatic hammering	Very noisy
80 70	Kerbside of busy street Loud radio or television	Loud
60 50	Department store General Office	Moderate to quiet
40 30	Inside private office Inside bedroom	Quiet to very quiet
20	Unoccupied recording studio	Almost silent

Other weightings (e.g. B, C and D) are less commonly used than A weighting. Sound Levels measured without any weighting are referred to as "linear", and the units are expressed as dB(lin) or dB.

3 Sound Power Level

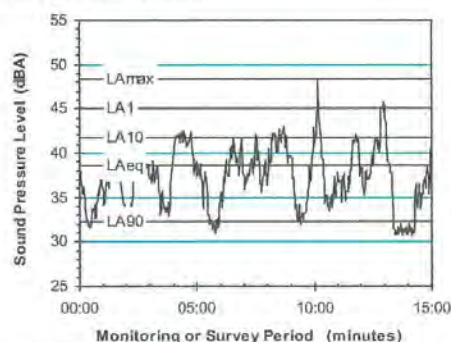
The Sound Power of a source is the rate at which it emits acoustic energy. As with Sound Pressure Levels, Sound Power Levels are expressed in decibel units (dB or dBA), but may be identified by the symbols SWL or LW, or by the reference unit 1E-12 W.

The relationship between Sound Power and Sound Pressure may be likened to an electric radiator, which is characterised by a power rating, but has an effect on the surrounding environment that can be measured in terms of a different parameter, temperature.

4 Statistical Noise Levels

Sounds that vary in level over time, such as road traffic noise and most community noise, are commonly described in terms of the statistical exceedance levels LAN, where LAN is the A-weighted sound pressure level exceeded for N% of a given measurement period. For example, the LA1 is the noise level exceeded for 1% of the time, LA10 the noise exceeded for 10% of the time, and so on.

The following figure presents a hypothetical 15 minute noise survey, illustrating the statistical indices.



Of particular relevance, are:

- LA1 The noise level exceeded for 1% of the 15 minute interval.
- LA10 The noise level exceeded for 10% of the 15 minute interval. This is commonly referred to as the average maximum noise level.
- LA90 The noise level exceeded for 90% of the sample period. This noise level is described as the average minimum background sound level (in the absence of the source under consideration), or simply the background level.
- LAeq Is the A-weighted equivalent continuous noise level (basically the average noise level). It is defined as the steady sound level that contains the same amount of acoustical energy as the corresponding time-varying sound.

Resource Group WA Pty Ltd
Clydesdale Road Quarry Project Grass Valley
Acoustic Assessment

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4 Conclusion

SLR has been commissioned to undertake a desktop acoustic assessment of the proposed quarry development at Lot 150 DP300080 (C/T Vol 1778 Fol:760) Clydesdale Road in Grass Valley, Western Australia.

Noise emitted from the proposed quarry development has been considered with regard to the *Environmental Protection (Noise) Regulations 1997*.

The predicted noise levels generated by the major quarry operations, which take into account the land topography, the worst case operation considerations and meteorological conditions, show that the quarry operation complies with the daytime noise criteria.

It is recommended that noise model validation is to be conducted based on site monitoring once the proposed quarry comes into full operation.

SLR Consulting Australia Pty Ltd

When dealing with numerous days of statistical noise data, it is sometimes necessary to define the typical noise levels at a given monitoring location for a particular time of day. A standardised method is available for determining these representative levels.

This method produces a level representing the "repeatable minimum" LA90 noise level over the daytime and night-time measurement periods, as required by the DECCW. In addition the method produces mean or "average" levels representative of the other descriptors (LAeq, LA10 etc.).

5 Tonality

Tonal noise contains one or more prominent tones (i.e. distinct frequency components), and is normally regarded as more offensive than "broad band" noise.

6 Impulsiveness

An impulsive noise is characterised by one or more short sharp peaks in the time domain, such as occurs during hammering.

7 Frequency Analysis

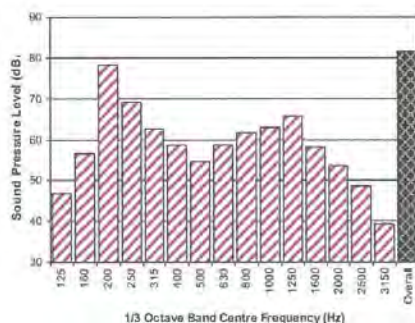
Frequency analysis is the process used to examine the tones (or frequency components) which make up the overall noise or vibration signal. This analysis was traditionally carried out using analogue electronic filters, but is now normally carried out using Fast Fourier Transform (FFT) analysers.

The units for frequency are Hertz (Hz), which represent the number of cycles per second.

Frequency analysis can be in:

- Octave bands (where the centre frequency and width of each band is double the previous band)
- 1/3 octave bands (3 bands in each octave band)
- Narrow band (where the spectrum is divided into 400 or more bands of equal width)

The following figure shows a 1/3 octave band frequency analysis where the noise is dominated by the 200 Hz band. Note that the indicated level of each individual band is less than the overall level, which is the logarithmic sum of the bands.



8 Vibration

Vibration may be defined as cyclic or transient motion. This motion can be measured in terms of its displacement, velocity or acceleration. Most assessments of human response to vibration or the risk of damage to buildings use measurements of vibration velocity. These may be expressed in terms of "peak" velocity or "rms" velocity.

The former is the maximum instantaneous velocity, without any averaging, and is sometimes referred to as "peak particle velocity", or PPV. The latter incorporate "root mean squared" averaging over some defined time period.

Vibration measurements may be carried out in a single axis or alternatively as triaxial measurements. Where triaxial measurements are used, the axes are commonly designated vertical, longitudinal (aligned toward the source) and transverse.

The common units for velocity are millimetres per second (mm/s). As with noise, decibel units can also be used, in which case the reference level should always be stated. A vibration level V, expressed in mm/s can be converted to decibels by the formula $20 \log (V/V_0)$, where V_0 is the reference level (1E-6 mm/s). Care is required in this regard, as other reference levels are used by some organisations.

9 Human Perception of Vibration

People are able to "feel" vibration at levels lower than those required to cause even superficial damage to the most susceptible classes of building (even though they may not be disturbed by the motion). An individual's perception of motion or response to vibration depends very strongly on previous experience and expectations, and on other connotations associated with the perceived source of the vibration. For example, the vibration that a person responds to as "normal" in a car, bus or train is considerably higher than what is perceived as "normal" in a shop, office or dwelling.

10 Overpressure

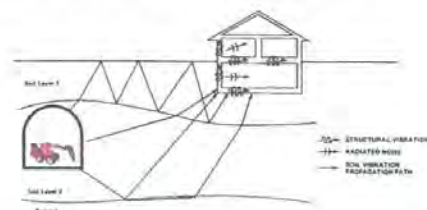
The term "over-pressure" is used to describe the air pressure pulse emitted during blasting or similar events. The peak level of an event is normally measured using a microphone in the same manner as linear noise (i.e. unweighted), at frequencies both in and below the audible range.

11 Regenerated Noise

Noise that propagates through a structure as vibration and is radiated by vibrating wall and floor surfaces is termed "regenerated noise", "structure borne noise", or sometimes "ground-borne noise". Regenerated noise originates as vibration and propagates between the source and receiver through the ground and/or building structural elements, rather than through the air.

Typical sources of regenerated noise include tunnelling works, underground railways, excavation plant (e.g. rock breakers), and building services plant (e.g. fans, compressors and generators).

The following figure presents the various paths by which vibration and regenerated noise may be transmitted between a source and receiver for construction activities occurring within a tunnel.



The term "regenerated noise" is also used to describe other types of noise that are emitted from the primary source as a different form of energy. One example would be a fan with a silencer, where the fan is the energy source and primary noise source. The silencer may

effectively reduce the fan noise, but some additional noise may be created by the aerodynamic effect of the silencer in the airstream. This "secondary" noise may be referred to as regenerated noise

ASIA PACIFIC OFFICES

BRISBANE

Level 2, 15 Astor Terrace
Spring Hill QLD 4000
Australia
T: +61 7 3858 4800
F: +61 7 3858 4801

CANBERRA

GPO 410
Canberra ACT 2600
Australia
T: +61 2 6287 0800
F: +61 2 9427 8200

DARWIN

5 Foelsche Street
Darwin NT 0800
Australia
T: +61 8 8998 0100
F: +61 2 9427 8200

MACKAY

21 River Street
Mackay QLD 4740
Australia
T: +61 7 3181 3300

MELBOURNE

Suite 2, 2 Domville Avenue
Hawthorn VIC 3122
Australia
T: +61 3 9249 9400
F: +61 3 9249 9499

NEWCASTLE

10 Kings Road
New Lambton NSW 2305
Australia
T: +61 2 4037 3200
F: +61 2 4037 3201

PERTH

Ground Floor, 503 Murray Street
Perth WA 6000
Australia
T: +61 8 9422 5900
F: +61 8 9422 5901

ROCKHAMPTON

rockhampton@slrconsulting.com
M: +61 407 810 417

SYDNEY

2 Lincoln Street
Lane Cove NSW 2066
Australia
T: +61 2 9427 8100
F: +61 2 9427 8200

TAMWORTH

PO Box 11034
Tamworth NSW 2340
Australia
M: +61 408 474 248
F: +61 2 9427 8200

TOWNSVILLE

Level 1, 514 Sturt Street
Townsville QLD 4810
Australia
T: +61 7 4722 8000
F: +61 7 4722 8001

AUCKLAND

68 Beach Road
Auckland 1010
New Zealand
T: +64 27 441 7849

NELSON

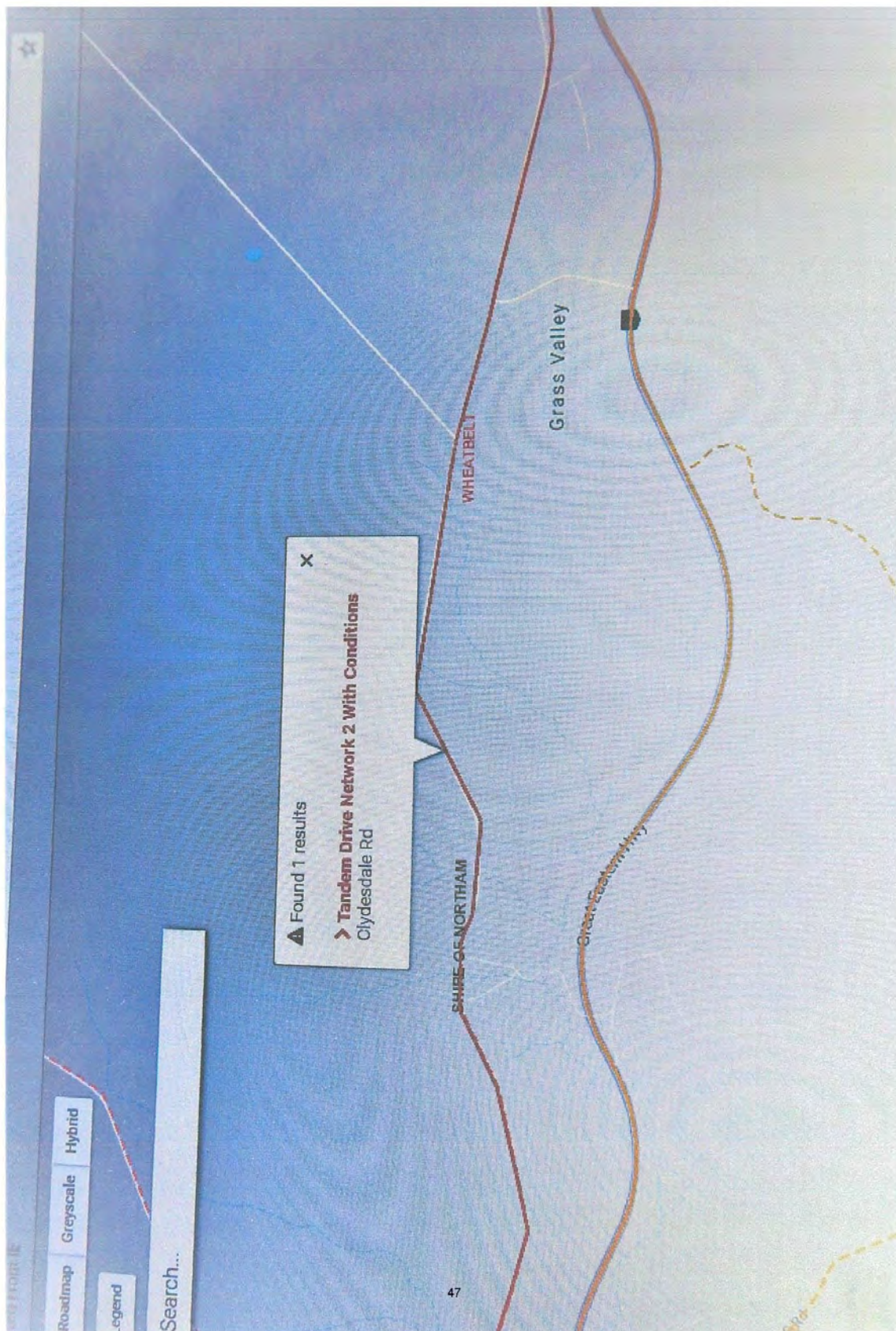
5 Duncan Street
Port Nelson 7010
New Zealand
T: +64 274 898 628

NEW PLYMOUTH

Level 2, 10 Devon Street East
New Plymouth 4310
New Zealand
T: +64 0800 757 695

www.slrconsulting.com

Appendix 9 – MRD Tandem Drive N2



Appendix 10 – MRD Tandem Drive N2 Conditions

https://mrwebapps.mainroads.wa.gov.au/hvs/networkmap
TripAdvisor Imported From IE

Tandem Drive Network 2 With Conditions Clydesdale Rd

OBJECTID	Road	Road Name	Start SLK	End SLK	Network Type	Local Government	Network	From Intersection	To Intersection	Comments	Max Speed	Curfew	Conditions	Products
63511	4211159	Clydesdale Rd	0	13.98	Local Road	Northam	Tandem Drive Network 2	Great Eastern Hwy	Meenaar North Rd	Null	Maximum speed 60 km/h	Null	See Low Volume Condition Type A in the Operating Conditions	Null

Found 1 results

Tandem Drive Network 2 With Conditions
Clydesdale Rd

Great Eastern Hwy

49

Appendix 11 – MRD
RAV Category 2
Combinations

RAV CATEGORY 2

A. RAV Category 2 — Prime Mover, Semi Trailer towing a Pig Trailer - 27.5 m, 65.5 t



Vehicle

- 5.1 This item applies to a vehicle combination that:
- (a) consists of a prime mover with a single steer or twinsteer axle group and a semi trailer with one (1), two (2) or three (3) axles towing a pig trailer or converter dolly with one (1), two (2) or three (3) axles where the height of the pig trailer and its load (if any) is not more than 3.5 m when measured vertically from the ground;
 - (b) has four (4) axle groups; and
 - (c) is not carrying a load on the converter dolly.

Conditions

- 5.2 This vehicle combination may operate on the "RAV Network" prescribed below, provided that:
- (a) it complies with the minimum axle spacing requirements specified in Table A of Clause 6;
 - (b) it does not exceed 27.5 m in length;
 - (c) the height of a semi trailer may exceed 4.3 m, but not exceed 4.6 m where the trailer is:
 - (i) built to carry livestock;
 - (ii) carrying a crate built to carry livestock;
 - (iii) carrying vehicles on more than one deck; or
 - (iv) carrying an overheight indivisible load(s) or multi-modal container(s);

Network

- 5.3 (a) The vehicle combination must not be driven on any road except a road specified in RAV Network 2, subject to the conditions (if any) specified in the Road Tables;
- (b) In addition to paragraph (a), vehicle combinations above 4.3 m in height must not be driven on the section of Kwinana and Mitchell Freeway between Leach Highway and Powis Street Perth.

Exemptions

- 5.4 This vehicle combination is exempt from the following provisions:
- (a) 177(1) of the *Road Traffic (Vehicles) Regulations 2014* (Height of vehicles).

Note

Converter Dolly: Current legislation¹ allows a concession from some of the braking requirements for the towing of unloaded converter dollies in certain circumstances. This is to prevent the wheels of the dolly from skidding when braking. The following is provided as an explanation of that legislative allowance:

¹ Road Traffic (Vehicles) Regulations 2014 r 340 (2)

Prime Mover, Trailer Combination - Operating Conditions - February 2018

If the prime mover has a GVM over 12 T and the converter dolly weighs less than 3 T, then the brake control line to the unladen converter dolly may be disconnected providing the supply line remains connected at all times. An unloaded converter dolly must have mudguards covering all wheels.

B. RAV Category 2 — Prime Mover towing a Semi Trailer - 20 m, 47.5 t



Vehicle

- 6.1 This item applies to a vehicle combination that:
- (a) consists of a prime mover with a single steer or a twinsteer axle group towing a semi trailer with one (1), two (2) or three (3) axles; and
 - (b) has three (3) axle groups.
- 6.2 The semi trailer may be a 16.15 m (53') long trailer where the "S" dimension is not more than 10.5 m and the rear overhang is not more than 4.2 m where the load consists of a freight container longer than 48' and up to 53' in length and the load does not project beyond the rear of the trailer.

Conditions

- 6.3 This vehicle combination may operate on the "RAV Network" prescribed below, provided that:
- (a) it complies with the minimum axle spacing requirements specified in Table A of Clause 6;
 - (b) it does not exceed 20 m in length;
 - (c) the height of a semi trailer may exceed 4.3 m, but not exceed 4.6 m where the trailer is:
 - (i) built to carry livestock;
 - (ii) carrying a crate built to carry livestock;
 - (iii) carrying vehicles on more than one deck; or
 - (iv) carrying overheight indivisible load(s) or multi modal container(s);

Network

- 6.4 (a) The vehicle combination must not be driven on any road except a road specified in RAV Network 2, subject to the conditions (if any) specified in the Road Tables;
- (b) In addition to paragraph (a), vehicle combinations above 4.3 m in height must not be driven on the section of Kwinana and Mitchell Freeway between Leach Highway and Powis Street Perth.

Exemptions

- 6.5 The vehicle combination is exempt from the following provisions:
- (a) 177(1) of the *Road Traffic (Vehicles) Regulations 2014* (Height of vehicles);
 - (b) 173(1) (b) of the *Road Traffic (Vehicles) Regulations 2014* (Distance between point of articulation and rear of semi-trailer) mentioned in subclause 6.2 only;
 - (c) 175(1) of the *Road Traffic (Vehicles) Regulations 2014* (Rear overhang on semi-trailers and dog trailers) mentioned in subclause 6.2 only; and
 - (d) 174(1) (d) of the *Road Traffic (Vehicles) Regulations 2014* (Length of combination)

Document No: D12#361585

Prime Mover, Trailer Combination - Operating Conditions - February 2018

Note

The 'S' dimension is the distance between the point of articulation (king pin) and the line from which the rear overhang is measured (centre of the rear axle group).

C. RAV Category 2 — B-double - 27.5 m, 67.5 t



Vehicle

- 7.1 This item applies to a vehicle combination that:
- (a) consists of a prime mover with a single steer or a twinsteer axle group towing two (2) semi trailers with one (1), two (2) or three (3) axles each; and
 - (b) has a total of four (4) axle groups.

Conditions

- 7.2 This vehicle combination may operate on the "RAV Network" prescribed below, provided that:
- (a) it complies with the minimum axle spacing requirements specified in Table A of Clause 6;
 - (b) it does not exceed 27.5 m in length;
 - (c) The two (2) semi-trailers used in a B-double combination must not exceed 22 m in combined length, measured from the front of the lead semi-trailer to the rear of the second semi-trailer (including the space between the semi-trailers and excluding any rounded front or attachment to the front of the lead trailer);
 - (d) the height of a semi trailer may exceed 4.3 m, but not exceed 4.6 m where the trailer is:
 - (i) built to carry livestock;
 - (ii) carrying a crate built to carry livestock;
 - (iii) carrying vehicles on more than one deck; or
 - (iv) carrying overheight indivisible load(s) or multi modal container(s);

Network

- 7.3 (a) The vehicle combination must not be driven on any road except a road specified in RAV Network 2, subject to the conditions (if any) specified in the Road Tables;
- (b) In addition to paragraph (a), vehicle combinations above 4.3 m in height must not be driven on the section of Kwinana and Mitchell Freeway between Leach Highway and Powis Street Perth.

Exemptions

- 7.4 The vehicle combination is exempt from the following provisions:
- (a) 177(1) of the *Road Traffic (Vehicles) Regulations 2014* (Height of vehicles); and
 - (b) 174(1) (a) of the *Road Traffic (Vehicles) Regulations 2014* (Length of B-double).

D. RAV Category 2 — Short B-triple - 27.5 m, 87.5 t



Vehicle

- 8.1 This item applies to a vehicle combination that:
- (a) consists of a prime mover with a single steer or twin steer axle group and tandem axle drive group towing three (3) consecutive semi trailers each with one (1), two (2) or three (3) axles; and
 - (b) has a total of five (5) axle groups.

Conditions

- 8.2 This vehicle combination may operate on the "RAV Network" prescribed below, provided that:
- (a) it complies with the minimum axle spacing requirements specified in Table A of Clause 6;
 - (b) it does not exceed 27.5 m in length;
 - (c) the height of a semi trailer may exceed 4.3 m, but not exceed 4.6 m where the trailer is:
 - (i) built to carry livestock;
 - (ii) carrying a crate built to carry livestock;
 - (iii) carrying vehicles on more than one deck; or
 - (iv) carrying over height indivisible load(s) or multi modal container(s);

Network

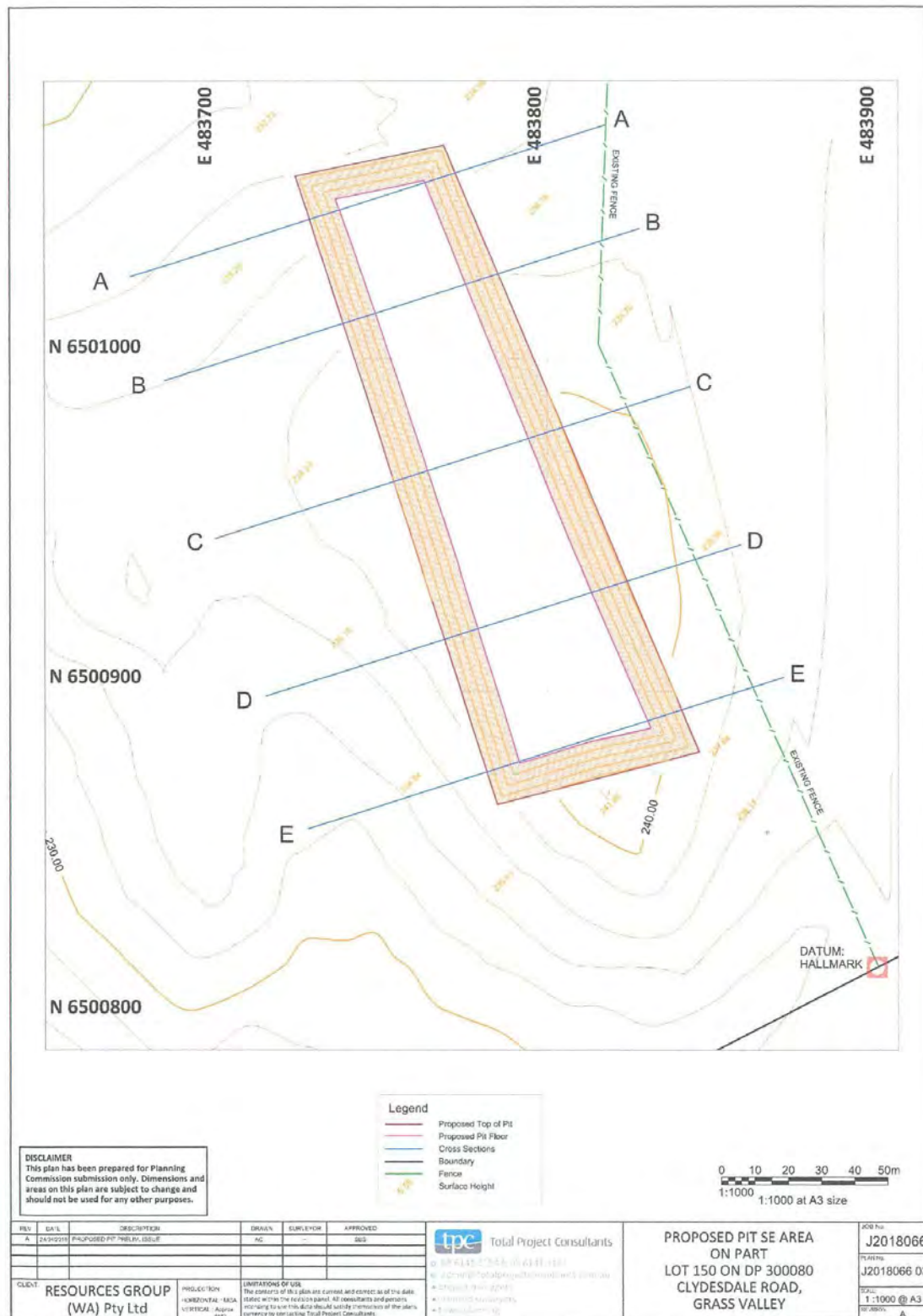
- 8.3 (a) The vehicle combination must not be driven on any road except a road specified in RAV Network 2, subject to the conditions (if any) specified in the Road Tables;
- (b) In addition to paragraph (a), vehicle combinations above 4.3 m in height must not be driven on the section of Kwinana and Mitchell Freeway between Leach Highway and Powis Street Perth.
- (c) A RAV must not be driven over a restricted bridge specified as a condition for the following roads in the RAV Network 2 Road Tables:

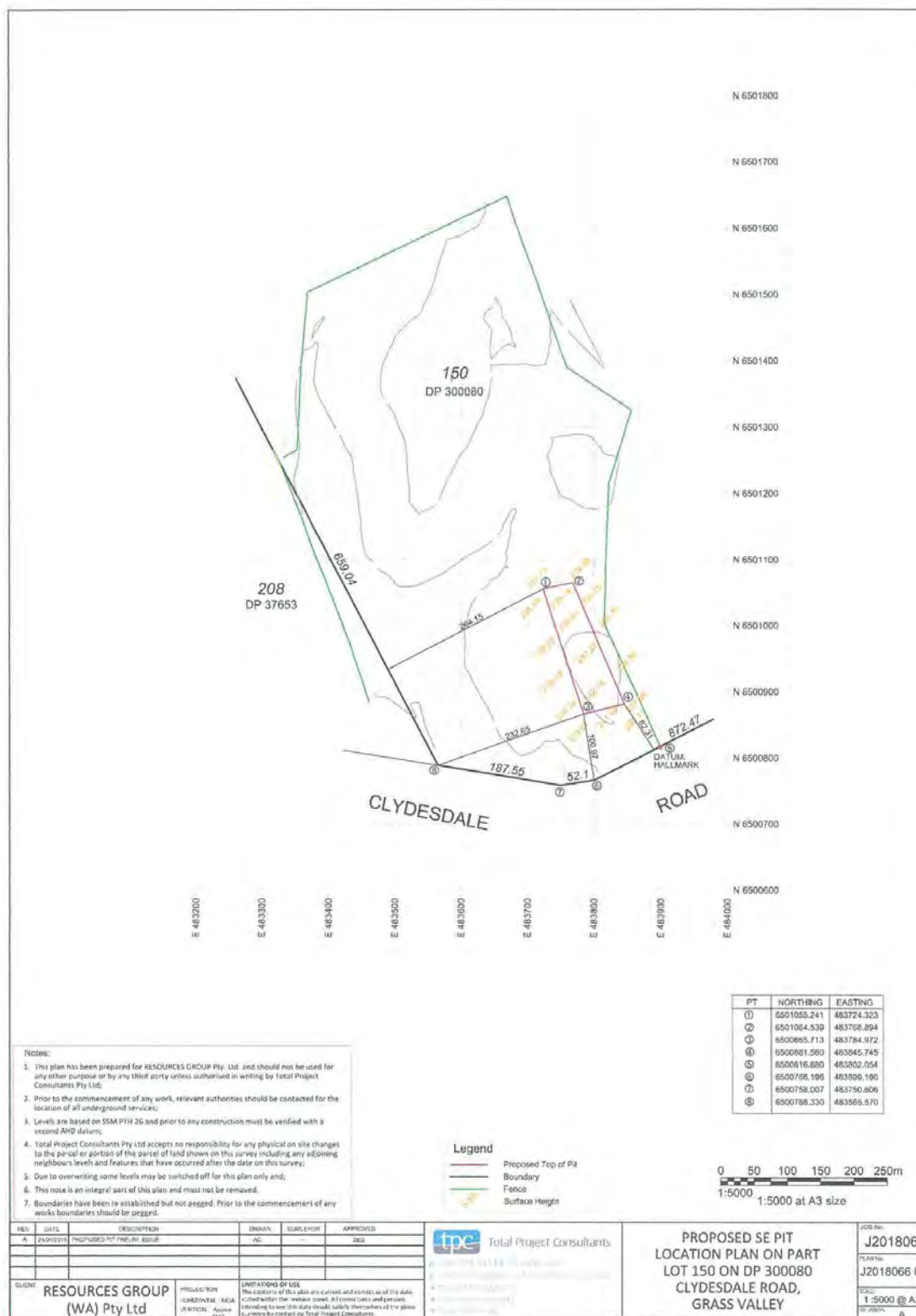
Carnarvon - Mullewa Rd (Shire of Murchinson)
Coalseam Rd (Shire of Mingenew)
Crossman - Dwarda Rd (Shire of Wandering)
Cubbine Rd (Shire of Quairading)
Coorow - Greenhead Rd (Shire of Coorow)
Dangin - Mears Rd (Shire of Brookton and Shire of Quairading)
Bristol Rd (Shire of Waroona)
Beecroft Rd (Shire of Goomalling)
Badjaling South Rd (Shire of Quairading)
Kellerberrin - Shackleton Rd (Shire of Bruce Rock and Shire of Kellerberrin)
Belka East Rd (Shire of Bruce Rock)
Vietch Rd (Shire of Bruce Rock)

Exemptions

- 8.4 This vehicle combination is exempt from the following provisions:
- (a) 177(1) of the *Road Traffic (Vehicles) Regulations 2014* (Height of vehicles)

Appendix 12
SE Pit Design







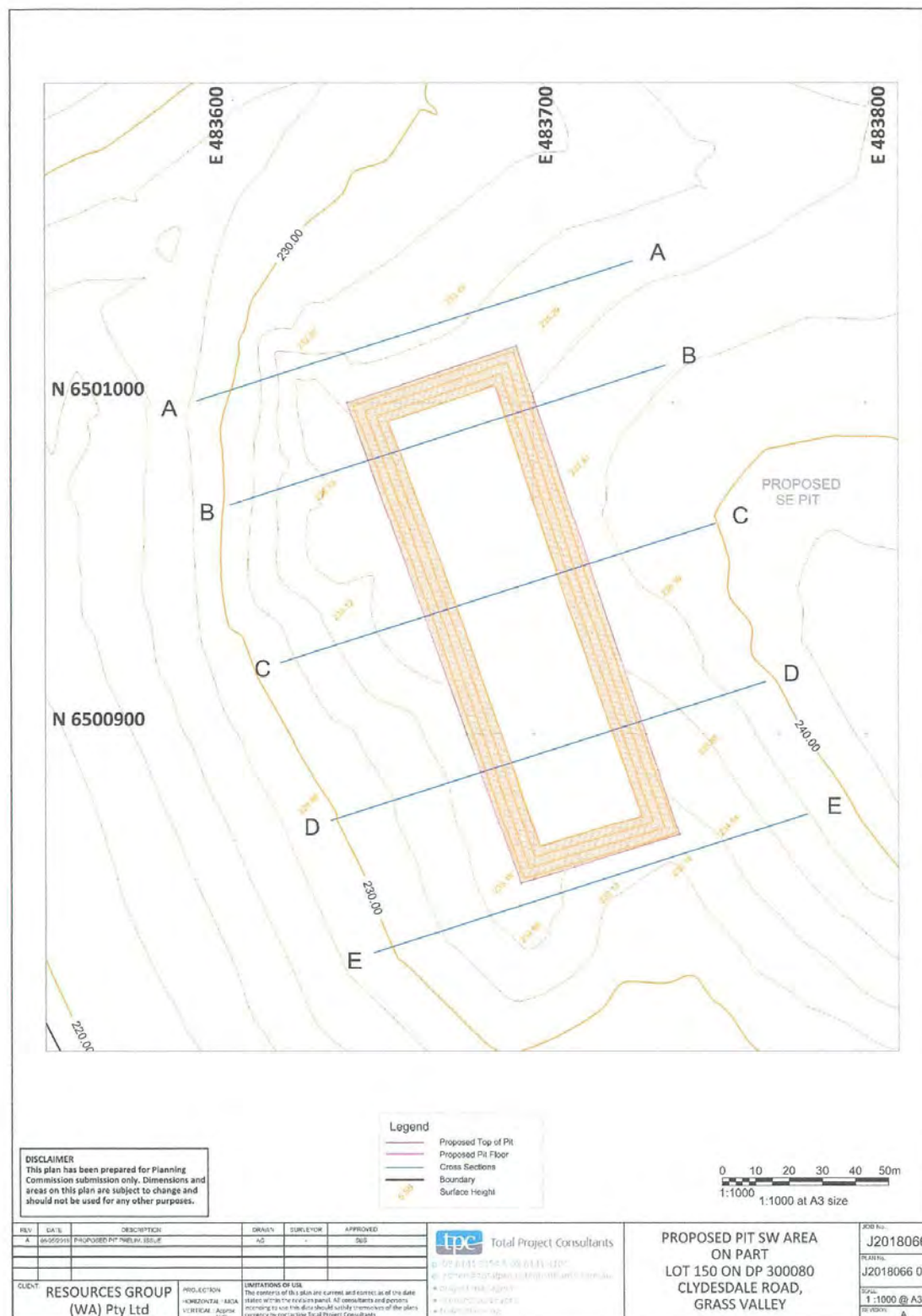


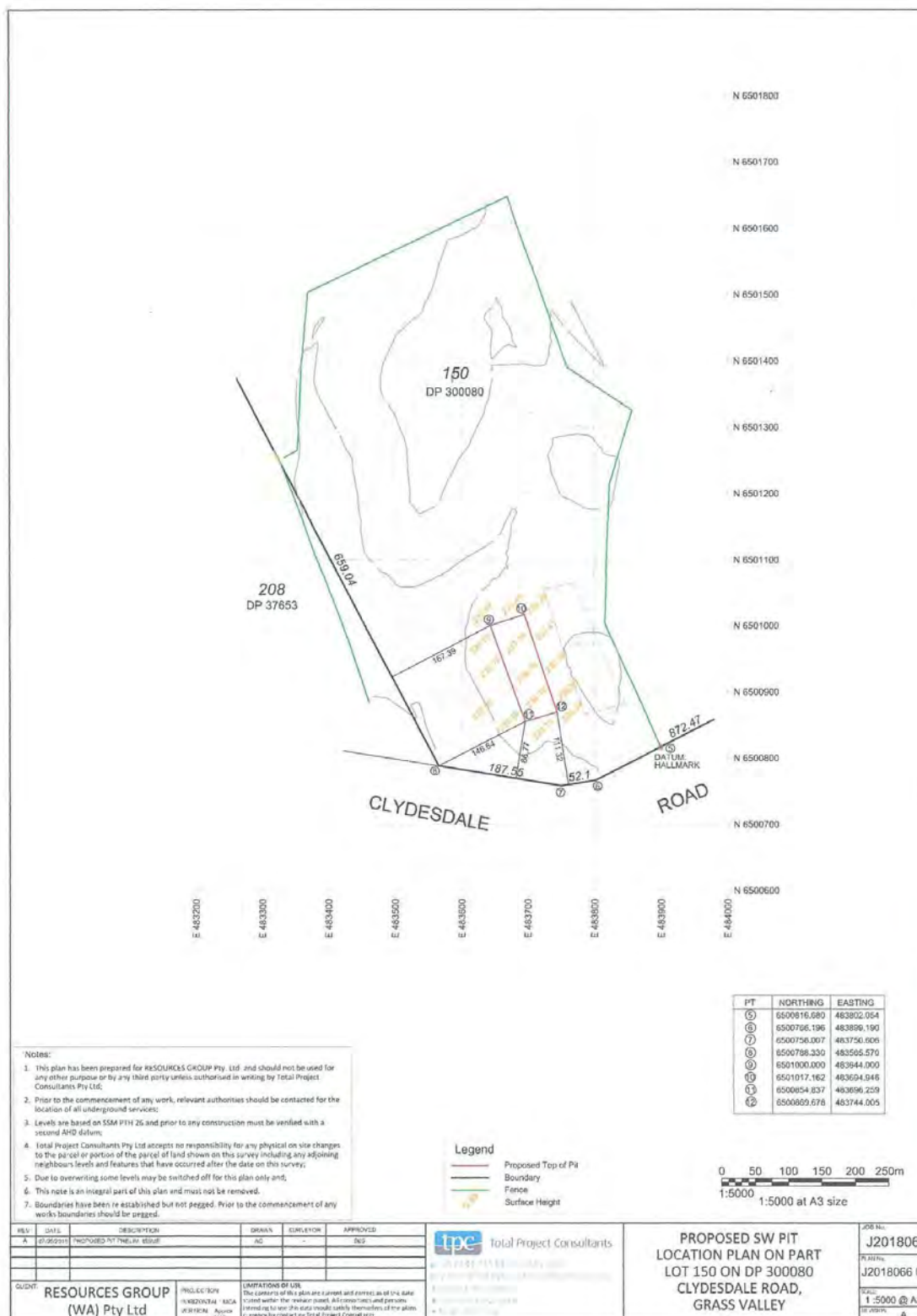






Appendix 13
SW Pit Design



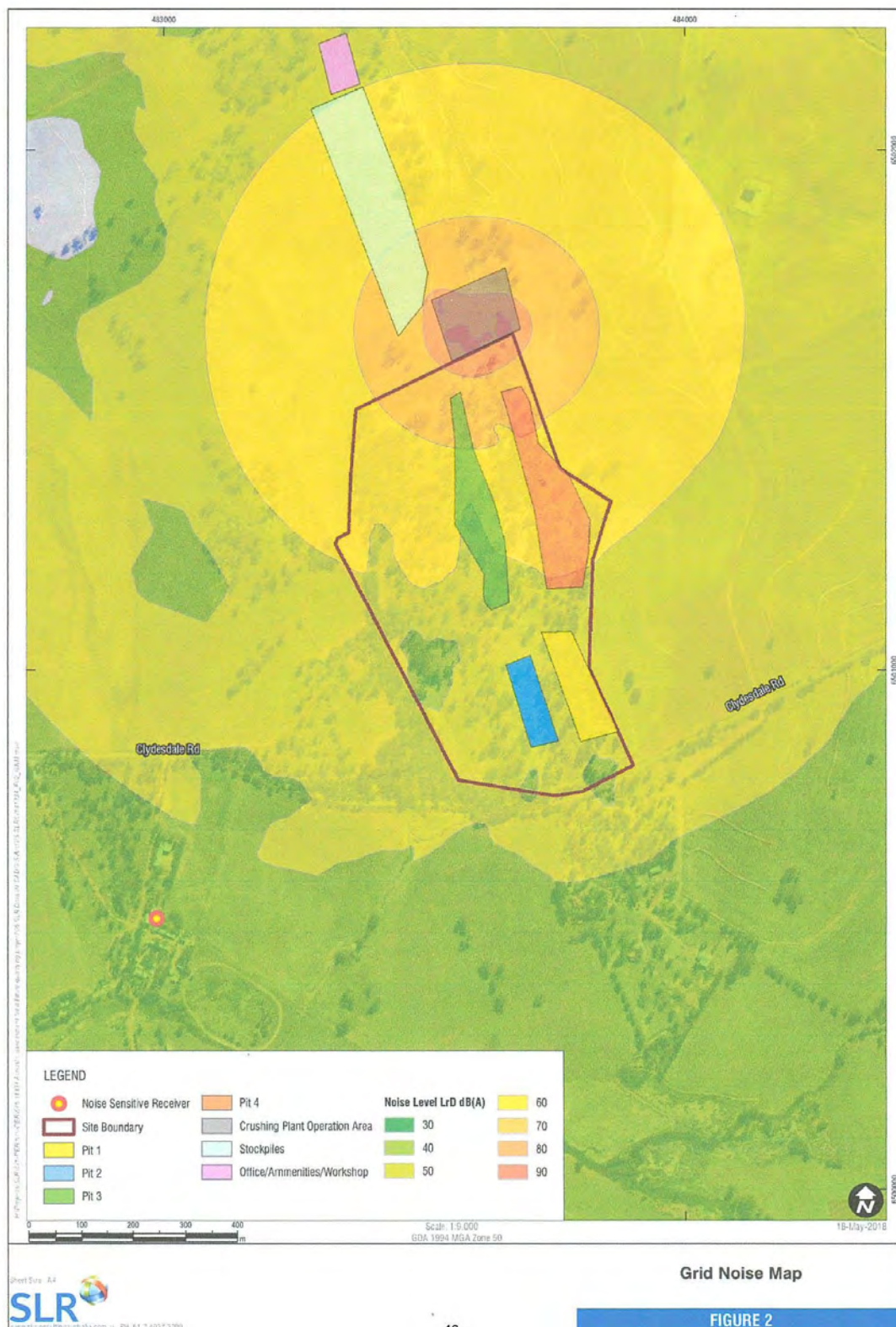








Attachment 4



Attachment 5

Legislative Compliance Assessment Report

Planning and Development (Local Planning Scheme) Regulations 2015

Under Schedule 2, Part 9, Clause 67, the following matters are considered relevant for the application assessment:

- a) *“the aims and provisions of this Scheme and any other local planning scheme operating within the Scheme area;*
 - Local Planning Policy (LPP): LPP 21 – Extractive Industry.
 - Local Planning Scheme No.6: clause 3.2.8, 4.25 & 5.3
- b) *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 Schemes) Regulations 2015 or any other proposed planning instrument that the local government is seriously considering adopting or approving;*
 - Local Planning Scheme No.6
- c) *any approved State planning policy;*
 - State Planning Policy 2.4 – Basic Raw Materials
 - State Planning Policy 2.5 – Land Use Planning in Rural Areas
- d) *any environmental protection policy approved under the Environmental Protection Act 1986 section 31(d);*
 - No Environmental Protection Policies Apply.
- e) *any policy of the Commission;*
 - State Planning Policy 2.4 – Basic Raw Materials
 - State Planning Policy 2.5 – Land Use Planning in Rural Areas
- f) *any policy of the State;*
 - State Planning Policies, Water Quality Protection Notes and Environmental Siting Guidance of the Environmental Protection Authority.
- g) *any local planning policy for the Scheme area;*
 - Local Planning Policy (LPP): LPP 21 – Extractive Industry.
- m) *the compatibility of the development with its setting including the relationship of the development to development on adjoining land or on other land in the locality including, but not limited to, the likely effect of the height, bulk, scale, orientation and appearance of the development;*
 - The proposal is compatible as land in proximity of the proposal is **zoned ‘Rural’, it is consistent with the objectives of the Shire of Northam Local Planning Scheme No.6.**
- n) *the amenity of the locality including the following —*
 - i. *environmental impacts of the development;*

- ii. the character of the locality;
- iii. social impacts of the development;
 - **The quarry site is zoned 'Rural, and the bulk of the haulage route traverses through 'Rural' zoned land. The exception** to this is near Grass Valley townsite.
 - Social impacts identified through public consultation consists of predominantly noise, traffic and safety impacts. On-site noise generation is regulated under the Environmental Protection (Noise) Regulations 1997. For heavy vehicles using public roads, the relevant Federal Australian Design Requirement apply. As the haulage route is an approved RAV 2 heavy vehicle route, the applicants proposed heavy vehicle combination would comply with the RAV 2 requirements. The impacts to school bus operations pedestrians and bicycle riders has been raised, and this should be addressed through enforcement of the Road Traffic Code 2000.
- o. 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;
 - The applicant is to comply with the relevant advice from the Department of Water and Environment Regulation.
- 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;
 - The site has been the prior subject of clearing. The applicants would require a permit to clear if further clearing is proposed.
- q. the suitability of the land for the development taking into account the possible risk of flooding, tidal inundation, subsidence, landslip, bush fire, soil erosion, land degradation or any other risk;
 - The land and proposed use (Extractive Industry) is appropriate.
- r. the suitability of the land for the development taking into account the possible risk to human health or safety;
 - The proposal will be required to comply with all relevant acts and legislation.
- s. the adequacy of —
 - i. the proposed means of access to and egress from the site; and
 - ii. arrangements for the loading, unloading, manoeuvring and parking of vehicles;
 - The current access and egress arrangements require conditioning to ensure that the crossover allows for heavy vehicles to enter and exit the site.
- t. 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;

- The revised proposal utilises Clydesdale Road for approximately 3 km and Watson Road for 1km. The applicant is proposing a maximum daily vehicle movement of 14 outgoing (28 total) truck movements along this route.
- w. the impact of the development on the community as a whole notwithstanding the impact of the development on particular individuals;
 - There will be increased heavy vehicle traffic between the Quarry and Great Eastern Highway, however Clydesdale Road is an approved RAV 2 heavy vehicle route. The use of Watson Road is not an approved RAV Route however provides the shortest route to Great Eastern Highway. The proposed trucks to be utilised are not RAV configuration. Any offsite noise generation specifically in regard to individual vehicles is a matter of compliance with the applicable Federal Australian Design Rules.
- x. any submissions received on the application;
 - Refer Schedule of Submissions
- za. the comments or submissions received from any authority consulted under clause 66;
 - Refer Schedule of Submissions
- zb. any other planning consideration the local government considers appropriate."
 - **Provisions under 'Shire of Northam Extractive Industry Local Law 2008' & 'Local Planning Policy 21 – Extractive Industry'.**
 -

Shire of Northam Local Planning Scheme No. 6 (LPS 6) – Zone Objective

The proposal is consistent with the objectives of the 'Rural' zone, as per the Shire of Northam Local Planning Scheme No.6 zoning objective:

Rural Zone:

- "To provide for horticulture, extensive and intensive agriculture, agroforestry, local services and industries, extractive industries and tourist uses which ensure conservation of landscape qualities in accordance with the capability of the land.
- To protect the potential of agricultural land for primary production and to preserve the landscape and character of the rural area.
- To control the fragmentation of broad-acre farming properties through the process of subdivision.
- To protect land from land degradation and further loss of biodiversity by:
 - i. Minimising the clearing of remnant vegetation and encouraging the protection of existing remnant vegetation;
 - ii. Encouraging the development of and the protection of corridors of native vegetation;

- iii. *Encouraging the development of environmentally acceptable surface and sub-surface drainage works; and*
- iv. *Encouraging rehabilitation of salt affected land."*

Local Planning Policy 21 – Extractive Industry - 4.3 – Matters To Be Considered By Council

Under Local Planning Policy 21 – Extractive Industry, the following matters are those outlined for consideration to be given by Council to which the Officer's response is provided:

"In considering any application, Council will have regard for the following matters:

- *Merits – each application be examined on its individual merit having regard for the existing land uses, topography of the land, and its specific location;*
 - *The application having been assessed, is deemed appropriate.*
- *Whether the site is in a visually significant location such as on a ridge, close to a national park or nature reserve, visible from a major road, tourist destination or scenic route;*
 - *Visual impact will be minimal.*
- *Compatibility with adjoining land uses;*
 - *The proposal is considered compatible in accordance with the **provisions and objectives of the 'Rural' zone.***
- *Noise, dust and vibration abatement measures;*
 - *The applicant has conducted a detailed Acoustic Report, and proposes mitigation strategies to control dust. The blasting proposed at the site can be appropriately conditioned to mitigate potential impacts. Similarly the requirement to prepare a Environmental Management Plan prior to commencement to address the issues of dust has been proposed.*
- *Proximity and buffers to water courses;*
 - *As a component of the extractive industry application, any existing water courses (if any exist on-site) are to be denoted as a condition of approval.*
- *Drainage implications including surface and groundwater impacts;*
 - *As a component of the extractive industry application, any existing water courses (if any exist on-site) are to be denoted as a condition of approval.*
- *Whether the application proposes the clearing of significant remnant vegetation;*
 - *Application proposes clearing. DWER Approvals will be required.*
- *Intended end use of the land and future planning for the area under Council's Local Planning Strategy;*

- *The end use is proposed to be rural. This is consistent with the provisions of the Local Planning Strategy and the Local Planning Scheme No.6*
- *Rehabilitation measures;*
 - *Rehabilitation will be in accordance with an approved environmental management plan as a component of their approval.*
- *Weed control;*
 - **Applicants' proposal is considered appropriate, in controlling** weeds in accordance with Section 30 of the Biosecurity and Agriculture Management Act 2007.
- *Environmental management and measures proposed to be undertaken by operators to address environmental issues;*
 - *Additional rehabilitation will be in accordance with an approved environmental management plan as a component of their approval. This shall denote:*
 - *Noise and Dust Mitigation*
 - Equipment Source Management
 - Internal Access Road Management
 - Blasting Management
 - Ongoing Monitoring requirements
 - Complaints handling procedure
 - *Drainage*
 - Denote the physical characteristics of any current on-site drainage for reinstatement
 - Management of drainage (works, surface flow – roads/access points)
 - *Rehabilitation*
 - Drainage Management & Reinstatement
 - Bund Removal
 - Access Road/Hardstand removal.
 - Vegetation Planting (Species & Vegetation Stand Locations) – Future Use Separation Grazing/Non-Grazing Areas
 - Maintenance Plan – Reinstatement procedure upon completion of extractive industry program, or staged reinstatement program details.
 - *Other*
 - Denote the physical characteristics of vegetation complexes on-site where activities are proposed to be undertaken, or where they are to be affected by activities to be undertaken (dust/works).
- *Whether the access roads proposed are suitable for the volume of traffic and type of heavy vehicles proposed;*

- The haulage route contains an approved RAV 2 route and Watson Road being under the care and control of the Shire of Northam, and its use will be subject to a road maintenance bond provided under Local Planning Policy 21 - Extractive Industry.
- Whether the site has access to major roads, and whether the existing roads to be used by trucks are in good condition;
 - Access is via an approved RAV 2 route being Clydesdale Road and Watson Road which is not a RAV route. It is proposed as condition of approval that Watson Road be upgraded. The Quarry interface (Crossover) are to be conditioned to ensure access/egress is compliant.
- Proposed road haulage route and whether the use of any state-controlled roads is proposed;
 - Clydesdale Road and Watson Road are managed by the Shire of Northam. Great Eastern Highway is managed by Main Roads WA.
- Size of trucks and number of truck movements;
 - Trucks are proposed as a RAV 1 Network consist, potentially carrying between up to 41.5 tonnes of material. It is recommended that a condition is applied, limiting the volume of truck movements and limiting their movements to occur outside of school bus operating hours.
- Existence of other extractive industry or heavy haulage-associated use in the vicinity;
 - None known.
- Details of the storage of fuel and flammable materials on the site;
 - 25,000L diesel storage and 3x 1000L engine oil storage.
- Material to be excavated, including maximum depth of excavation, area to be open at any one time and expected pit life; and
 - Quartz, refer Appendix 12 of **applicants' submission for depth of excavation and pit design**. Ultimate pit life up to 30 years.
- Consistency with the purposes and relevant considerations of Special Control Areas in the Scheme."
 - N/A

State Planning Policy 2.4 – Basic Raw Materials

The proposal is consistent with State Planning Policy 2.4 – Basic Raw Materials, enabling the extraction of existing stockpiled resources, and the rehabilitation of the land to return to grazing/pasture ('Rural' land use).

"5.1 The Objectives of This Policy

- identify the location and extent of known basic raw material resources;
- protect Priority Resource Locations, Key Extraction Areas and Extraction Areas from being developed for incompatible land uses which could limit future exploitation;

- *ensure that the use and development of land for the extraction of basic raw materials does not adversely affect the environment or amenity in the locality of the operation during or after extraction;*
- *provide a consistent planning approval process for extractive industry proposals including the early consideration of sequential land uses."*

"6.7 Planning Considerations

6.7.1 *In determining planning proposals or applications for extractive industry, the Commission and local government may apply conditions which cover, but are not limited to, the following:*

- *minimise air, water, noise and visual pollution;*
- *stabilise excavations, stock piles and over-burden dumps;*
- *protect the amenity of adjacent land uses in the local community; and*
- *ensure the rehabilitation of the land is consistent with its long-term future use."*

Shire of Northam – Local Planning Strategy 2013

The Shires Local Planning Strategy (LPS) acknowledges on p24 the importance and need to secure the long-term protection of mineral resources and basic raw materials in the Shire.

It is a key strategy in the LPS to ensure that the development and use of land in the Shire for extractive industry complies with all relevant legislation, policies, guidelines and codes of practice applicable at the time including any Extractive Industries Local Law.

With regards to buffer zones, the LPS on pages 48 and 49 encourages and supports the appropriate management and monitoring of industries to ensure that emissions do not exceed acceptable levels at the outer boundary of their defined buffer area.

State Planning Policy 2.5 – Rural Planning Guidelines

SPP2.5, Section 5.9 provides policy guidance for protecting and planning for basic raw materials outside the Perth & Peel planning region. SPP 2.5-5.9 (d) states as follows:

"basic raw material resources and sites should be identified in local planning strategies and schemes as required;"

As the site is presently classified under the Shire of Northam Local Planning Strategy as an Extractive Industry site, the due consideration for Council is to consider impacts as per 5.12.1 regarding land use conflicts. As a buffer

distance is provided as per Local Planning Policy 21, the proposal is consistent with the provisions of the Rural Planning Guidelines. Local Planning Policy 21 – Extractive Industry, provides due consideration to the nature of the land use, and its proximity to sensitive land uses. Balancing historical use of the site (an assessment criterion under the Deemed Provisions of the Planning and Development (Local Planning Scheme) Regulations 2015), the proposal is consistent and therefore management and mitigation of impacts is the main concern.

Shire of Northam Extractive Industry Local Law 2008

Under 2.2.1, the advertising of the planning proposal has been conducted prior to a determination being made with regards to an Extractive Industry License (EIL). The EIL as per Local Planning Policy 21 allows for its application following the subsequent development approval, being a consistent procedure for all EIL proposals. If Council determines in the affirmative, then Item 2.2.1 is complied with as a matter of the Development Application & EIL application. The applicant is applying for both the Development Approval and the granting of the EIL, as per the Local Law and Local Planning Policy 21 – Extractive Industry (EI).

The application for, and determination of the application for EIL is undertaken under 2.3 and 3.1 of the Local Law.

Environmental Protection (Noise) Regulations 1997

Noise is governed by the *Environmental Protection (Noise) Regulations 1997* (the Noise Regulations) with enforcement provisions available to the local authority and police. Under the Noise Regulations, noise is deemed unreasonable if it exceeds a prescribed standard or if the noise unreasonably interferes with the health, welfare, convenience, comfort or amenity of the occupier making the complaint.

EPA Guidance Statement No.3

The Environmental Protection Authority (EPA) lists extractive industry – hard rock/Darling Scarp under its *Separation Distances between Industrial and Sensitive Land Uses Guidelines* (2005) as a land use that may potentially affect nearby sensitive land uses (including residential dwellings). The Guidelines advise that the separation buffers between hard rock extraction sites should be a minimum of 1000m due to impacts potentially generated during operations (Noise, Dust, Risk) on the site and of the proposal. Within the information provided by the applicant there is one residence located approximately 900m from the nearest point of extraction and 1200m from the proposed crushing equipment. There is also another residential building approximately 1150m from proposed pit 3 and 1200 from the proposed

location of the crushing equipment. The Shire of Northam has an established Extractive Industry Local Planning Policy (LPP21) which provides at variance 500-1000m, and therefore management and mitigation measures that are applicable should be applied as per Local Planning Policy 21.

Planning and Development Act 2005 Shire of Northam Local Planning Scheme No. 6 Proposed Extractive Industry – Lot 150 (792) Clydesdale Road, Grass Valley (P18050) Schedule of Submissions			
No.	Submitter / Date Received	Summary of Submissions	Officer's Comment / Recommendation
1	Grass Valley rural landowner (name & address provided) Received: 14/08/2018	<p><u>Objection</u></p> <p>1.1 Noise emissions associated with quarrying activities – the Shire should impose conditions that seek to restrict operations at the quarry to normal weekday business hours.</p>	<p>Noted. The applicant is required to comply with the <i>Environmental Protection (Noise) Regulations 1997</i> at all times and is suitably conditioned. The applicant has provided an acoustic report.</p> <p>In response to this point, the proponents have indicated that they are prepared to reduce primary hours of operation from 7AM to 5PM 5 days a week, weekdays only. This will be conditioned.</p> <p><u>Proponent's Response:</u> The proponent is prepared to reduce the number of crushing hours per week to 7am to 5pm 5 days instead of 6 days as previously submitted. This ensures there will be no crushing or product truck movements on Saturdays. However, the proponent reserves the right to perform onsite maintenance over weekends during campaign crushing period.</p>
		<p>1.2 Dust emitted at the site due to quarrying activities – the Shire should impose conditions that seek to ensure that dust generated by quarrying activities is controlled and for the operator to cease operations if conditions don't permit.</p>	<p>Noted. An Environmental Management Plan is to be a Condition of Development Approval, which includes details and proposed practices of Dust Mitigation/Dust Suppression.</p> <p><u>Proponent's Response:</u> All operations will comply with environmental, mining acts & legislation as imposed by conditions imposed by the Shire of Northam.</p>
		<p>1.3 Haulage route condition & road safety concerns – submits that the deteriorated condition of Clydesdale Road, poor visibility, poor lines of sight and number of residents who currently use the road renders the road unsuitable for haulage purposes. The introduction of a large number of trucks onto Clydesdale Road would create a significant safety risk for road users due to the crossing of local traffic at Jennapullin Road as well as the regular passing of traffic due to the winding nature of the road and degraded road edges.</p>	<p>Noted. A condition of development approval requires the applicant to utilise Clydesdale Road to Watson Road, and enter Great Eastern Highway. The return route will utilise Great Eastern Highway, Watson Road & Clydesdale Road. As of right vehicles are to be utilised to carry traffic along the proposed haulage route (Watson Road Route).</p> <p>Maintenance concerns raised within the submitter's objection should be raised as an ICS with the Shire of Northam Engineering Services Department.</p> <p><u>Proponent's Response:</u> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.</p>
		<p>1.4 A better proposal – submits that the Council should require the proponents of the quarry to use the eastern route from the site along Clydesdale Road through to Watson Road then onto the Great Eastern Highway.</p>	<p>Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p>
2	Meenar Road North landowner (name & address provided)	<p><u>Objection</u></p> <p>2.1 Road safety concerns – the entry point from the proposed quarry onto Clydesdale Road is in a very dangerous position with limited lines of sight.</p>	<p>Noted. The line of sight distance in both directions from the entry and exit point are in accordance with the Restricted Access Vehicle (RAV)</p>

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	Received: 16/08/2018		<p>Route Assessment Guidelines, being the relevant technical standards. Agree that some trees along Clydesdale Road need to be pruned to improve existing line of sight distances.</p> <p><u>Proponent's Response:</u> Vision from the eastern sector is circa 400+ metres. Vision from the Western sector is circa 350 metres. As such both meet the requirements of MRWA. However, there are some trees along the road edge that need to be trimmed back to assist line sight.</p>
		2.2 Road safety concerns – the Clydesdale Road / Great Eastern Highway intersection is unsuitable as trucks will have to turn against oncoming traffic and travel uphill and may cause unsafe conditions.	<p>A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p>
		2.3 Road safety concerns – Clydesdale Road is a school bus route and will affect the two (2) school buses using this road including local traffic and given the undulating nature of the countryside, results in poor visibility.	<p>Noted. A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.</p> <p><u>Proponent's response:</u> There will be no truck movements between 7.30 to 8.30am and 3.30pm to 4.30pm so as to avoid any conflict with school bus services. However, we agree with the poor visibility comments on some section of Clydesdale road due to vegetation and note that some trimming where overgrown will be required.</p>
		2.4 Accuracy of information provided – the number of truck movements generated by the proposed quarrying activities per day quoted in the application is misleading.	<p>Noted. Refer to proponent's response for clarification.</p> <p><u>Proponent's Response:</u> The proponent has now amended the loaded trucking movements from 25 to 14 maximum per day (28 total), which considerably reduces the truck traffic on the given route. With regards to staff movements, these will be outside of working hours and as such are not included in the count.</p>
		2.5 Accuracy of information provided – the submitter questions the results of the acoustic report that accompanied the application.	<p>Dismissed. Personal opinion devoid of the presentation of any supporting evidence.</p> <p><u>Proponent's Response:</u> Incorrect – the facts are that SLR Australia Pty Ltd is a part of a Worldwide 3rd party accredited organisation. At no point did the proponent seek to influence the result, nor would they be able to. The proponent takes umbrage at the accusations made in this clause regarding misleading people and honesty as these words not only reflect on the proponent's integrity but on all the consultants used in</p>

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No.	Submitter / Date Received	Summary of Submissions	Officer's Comment / Recommendation
			the formation of this document as the comments are absolutely baseless and without proof.
		2.6 A better proposal – trucks used on Clydesdale Road should be prime mover and one trailer with the other trailer left at the Northam Road Train Assembly area where they can be coupled up and begin their journey as a loaded road train.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). The proponent is now proposing to utilise "as of right" vehicles. <u>Proponent's Response:</u> Clydesdale Rd is a designated RAV 2 route and the proponent will comply with all directions provided by MRWA and the Shire of Northam.
		2.7 A better proposal – submits that the proponents be committed to constructing their own road from the proposed extractive industry through their own property to Great Eastern Highway, construct an underpass and a loop road to the east coming back on to the highway with a slow entry lane.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). It is understood that an additional access point onto Great Eastern Highway would not be supported by Main Roads WA.
3	Clydesdale Road landowner (name & address provided) Received: 16/08/2018	<u>Objection</u> 3.1 Haulage route condition – the geometric design of the Clydesdale Road / Great Eastern Highway intersection including the 90-degree bend on Clydesdale Road is not suitable for road trains to traverse safely.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). <u>Proponent's Response:</u> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
		3.2 A better proposal – submits that the most sensible haulage route would be to turn left onto Jennapullin Road to travel underneath Great Eastern Highway onto Keane Street, then right onto Vivian Street continuing to Great Eastern Highway.	Noted. This is consistent with the advice received from MRWA. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		3.3 Road safety and public safety concerns – queries whether Clydesdale Road should be closed during blasting and whether a risk assessment had been undertaken with regard to dust, vibrations and fumes from blasting activity.	Noted. This has not been assessed, however, drilling and blasting at the site is required to comply with State and Federal Legislation. Refer applicant's response for further clarification.

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No.	Submitter / Date Received	Summary of Submissions	Officer's Comment / Recommendation
			<p>Proponent's Response: Extraction of rock in a quarry requires drill and blast. Drill and blast activities at the Grass Valley Quarry will comply with the WA Mines Act requirements in relation to exclusion zones, dust vibration and fumes. Risk assessment cannot be undertaken until the first blast. All blasts will include a vibration, video, dust and fume monitoring in compliance with the Mines Act and Environmental Legislation. All blasts will be supervised by suitable qualified blasting operators.</p> <p>The material extracted from the quarry will consist of granite, gneiss, quartzite, sand and clay in various proportions.</p> <p>Proponent's Response: PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.</p>
4	Meenaar Rd North landowner (name & address provided) Received: 16/08/2018	<p><u>Objection</u> 4.1 Haulage route condition & road safety – submits that Clydesdale Road is not wide enough to accommodate school buses and large trucks.</p>	<p>Noted. A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.</p> <p>A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p> <p>Proponent's Response: PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.</p>
		<p>4.2 A better proposal – submits that the 'owners' should be made to create a direct road to the highway for the proposed amount of trucks.</p>	<p>Noted. Not a relevant consideration. Clydesdale Road (RAV 2 with Conditions), Jennapullin Road (RAV 2 with Conditions), Keane Street (RAV 3) and Vivian Street (RAV 3) are already designated RAV routes.</p> <p>A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p> <p>Proponent's Response: Clydesdale road is a designated access for truck traffic. All requirements for MRWA and Shire of Northam will be adhered to.</p>
5	Northam landowner (name & address provided)	<p><u>Objection</u> 5.1 Haulage route condition & road safety concerns – submits that the</p>	

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	Received: 16/08/2018	undulating and winding nature of Clydesdale Road will put drivers in danger and with a large increase in the number of heavy vehicles on the road will amplify the safety risk.	<p>Noted. Clydesdale Road is an approved RAV 2 route, and therefore complies with the technical specifications to be classified as a Restricted Access Vehicle 2 Heavy Vehicle road. Heavy vehicles are required to comply with the Road Traffic Code 2000 and the Road Traffic (Vehicles) Regulation 2014 and Federal Australian Design Rule for heavy vehicles. As a condition of approval, the quarry operators will be required to display suitable warning signs along Clydesdale Road.</p> <p><u>Proponent's Response:</u> Installation of "truck's entering" signs as required by MRWA and the Shire of Northam will provide warning of trucks entering Clydesdale Rd. Further, coming from the Eastern end of Clydesdale road vision of a truck is in excess 400m.</p> <p>Additionally vehicles coming from the western end of Clydesdale Rd, have vision is in excess of 350m. As such, both of these distances exceed the requirements of MRWA. Given that the access from the quarry is along the ridgeline of the hill, and the truck is taller than 10 feet above ground level, the vision is uninterrupted along that access track thereby making a very safe access. Again, there will a requirement to cut back some overgrown foliage.</p>
		5.2 A better proposal – submits that, if the quarry is to go ahead, heavy vehicles be limited to a single trailer.	<p>Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p> <p>It is also proposed that the development only utilise "as of right" vehicles.</p> <p><u>Proponent's Response:</u> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.</p>
		5.3 Road safety – submits that the entry point from Clydesdale Road to Great Eastern Highway is unsuitable as trucks will have to turn across traffic and travel up a long (2km) hill with a high gradient. Quarry trucks will also affect two (2) school buses and a volume of local traffic on this undulating route (Clydesdale Road).	<p>Noted. MRWA has recommended the proponents of the quarry utilise the Jennapullin Road / Keane Street / Vivian Street RAV 2 network road as an alternative. The advice received from MRWA has been considered in the Officer's assessment.</p> <p>A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p>

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No.	Submitter / Date Received	Summary of Submissions	Officer's Comment / Recommendation
			A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM. <i>Proponent's Response:</i> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
		5.4 Accuracy of information provided – the acoustic report appears misleading as the epicentre of the noise creation is further from the closest neighbours than the quartz ridge and the site at which drill rigs have been seen for some time.	Noted. Disagree. The setbacks to sensitive receptors have been depicted accurately in the Acoustic Assessment Report. Acoustic measurement is made to the residence (Sensitive Receptor), in keeping with industry standards. <i>Proponent's Response:</i> The epicentre of the noise assessment is located at the source of the most perceived noise emitting location, in this case being the crushing plant. Further, the Park residence is located in excess of 1,000 metres from the site and as such isn't taken into consideration for that reason. PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
		5.5 A better proposal – submits that the proponents be compelled to construct their own road from the proposed extractive industry through their own property to Great Eastern Highway.	Noted however an additional access point onto Great Eastern Highway is unlikely to gain Main Roads WA approval.
6	Meenaar Rd South landowner (name & address provided) Received: 12/09/2018	<u>Objection</u> 6.1 Haulage route condition & road safety concerns – submits that the Clydesdale Road / Great Eastern Highway intersection is unsuitable as the end curbing means that the truck has to cross back onto the main road to complete the turn safely. School buses also travel this route to pick up school children. Other options (via Watson Road and via Vivian Street) are also not viable due to lack of visibility for vehicles and because it goes so close to Grass Valley village.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM. <i>Proponent's Response:</i> The proponent will pay to the Shire a maintenance levy for every tonne of material transported across the approved route. There will be no truck movements between 7.30 to 8.30am and 3.30pm to 4.30pm so as to avoid any conflict with school bus services. PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
7	Grass Valley rural landowner (name & address provided)	<u>Objection</u>	

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No.	Submitter / Date Received	Summary of Submissions	Officer's Comment / Recommendation
	Received: 17/08/2018	7.1 Design standard of Clydesdale Road and road condition – submits that the proposed entry point from the proposed quarry onto Clydesdale Road may not be suitable for turning by road trains. The intersection of Clydesdale Road and Great Eastern Highway is not compliant either. Clydesdale Road is a school bus route and it is imperative that no trucks be allowed to travel during school bus hours.	<p>Noted. The applicant is required as a Condition of Development Approval to have a suitably qualified civil engineer provide a detailed technical plan showing road widths, entry & exit, angles of entry & exist and any turning circles and additional information being submitted to the Local Government for approval. The applicant is then required to upgrade and maintain the entry and exit point and the section of Clydesdale Road to the satisfaction of the Local Government which would include applicable warning signage.</p> <p>Additionally, the line of sights to the entry points from both approaching directions of Clydesdale Road are compliant with RAV Vehicle Route Assessment Standards.</p> <p>A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.</p>
		7.2 A better proposal – queries whether a road could be constructed across the applicants' property onto Great Eastern Highway. 7.3 Qualified support – not opposed to the operations itself.	<p>Noted. An additional access point onto Great Eastern Highway is unlikely to gain Main Roads WA approval.</p> <p>Noted.</p>
8	Legal representatives on behalf of two (2) Grass Valley rural landowners (names and addresses provided) Received: 20/08/2018	<p>Objection:</p> 8.1 Deficient application – submits that the plans and studies provided are deficient. Contends the applicant must be required to provide a comprehensive package, and the application re-advertised, so that impacted neighbours can appropriately comment, and officers of the Shire can conduct a proper assessment of the proposed development.	<p>Noted. All plans have been submitted to Local Government in line with Schedule 2, Part 8, Clause 63 (1) & (2) of the Local Planning Scheme Regulations 2015.</p> <p>Extensive consultation has also been provided, to which detailed information is provided within Council's report.</p>
		8.2 Characterisation of land use – contends that the use of crushing, screening and storage has been characterised in a number of decisions in the State Administrative Tribunal (SAT) to fit within the definition of Industry-General or Industry-Light, which is not permitted on Rural zoned land. In addition, notes that the SAT has recently decided that crushing and screening on land approved for a quarry, may not necessarily be incidental to a quarry operation with the consequence that the application may not be able to be approved.	<p>Noted. Disagree. The activity conducted open the land, including elements such as crushing, storage and screening of material, is inherently linked to a 'Primary' land use being 'Industry-Extractive'. The Shire of Northam Local Planning Scheme No.6 definition as the Statutory definition of 'Industry - Extractive' in respect to the development application is very clear in this regard:</p> <p>Zone: Rural Land Use: Industry – Extractive Definition: "means an industry which involves the <u>extraction, quarrying or removal</u> of sand, gravel, clay, <u>hard rock, stone or similar material</u> from the land and <u>includes the treatment and storage of those materials, or the manufacture of products from those materials on, or adjacent to, the land from which the materials are extracted</u>, but does not include industry – mining;" [Emphasis Added]</p>
		8.3 Characterisation of life of proposal – notes that throughout the documentation, at some points it states a 10 year approval is sought, at	<p>Noted. The applicant is seeking development approval and an extractive industry licence of 10 (ten) years from the Shire of Northam.</p>

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		others, it refers to 20 years and at others 30 years.	This is as the Development Approval is granted in accordance with the maximum permitted timeframe of approvals granted under the Extractive Industries Local Law. If the applicant should wish to extend their operations they are required to submit for a new development approval and extractive industry license.
		8.4 Characterisation as a "Hard Rock" quarry – contends that characterisation of the quarry as a "hard rock quarry" is misleading as quartzite is solid crystalline silica, which when crushed, handled and transported will produce respirable crystalline silica dust.	Noted. Dismissed. Local Planning Policy 21 categorises the three types of quarries commonly found within the Shire: Clay Extraction or Processing; Extractive Industry – Hard Rock; Extractive Industry – Sand, Gravel & Limestone. Both Granite and Quartzite are forms of 'Hard Rock'. <u>Proponent's Response:</u> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
		8.5 Health risk (crystalline silica) concerns – submits that quartzite is solid crystalline silica, which when crushed, handled and transported will produce respirable crystalline silica dust. Notes that the application does not consider or mention any mitigation of potential dust, and it does not appear that any baseline modelling of background dust levels at sensitive receptors has been undertaken to determine whether the levels of dust produced on site are appropriately mitigated. Further notes that the applicant has not provided any dust assessment or public health risk assessment and so does not comply with EPA Guidance Note No.3 in this respect. The submitter holds the view that the applicant must provide a detailed dust and public health risk assessment with respect to the proposal on site, as well as its intended route to market. Further quoted case law and on that basis holds the view that the lack of information provided with respect to dust means that the "precautionary principle" must be applied, and the Shire must invoke the precautionary principle, and refuse the application until that presumption has been overcome.	Noted. An Environmental Management Plan is required to be submitted to the Local Government as a Condition of Development Approval which contains Dust Management & Mitigation measures to be implemented. OSH Regulations apply to onsite operations, where applicable PPE (Personal Protective Equipment) would be required where applicable. Noted. An Environmental Management Plan is required to be submitted to the Local Government for approval which contains Dust Management & Mitigation measures to be implemented. This includes baseline modelling at the site. The Shire of Northam has an established Extractive Industry Local Planning Policy (LPP21) which provides at variance 500-1000m, and therefore management and mitigation measures that are applicable should be applied as per Local Planning Policy 21. Noted. Methods of dust mitigation include truck covers (MRWA Requirement), wet material (dust suppression) and wheel wash sites. Noted. No referral or approval is required from Health Authorities in relation to the development application. A specific public health risk assessment and dust assessment is therefore not required, given the applicants are required to comply with State Legislation, and the Environmental Management Plan would require the approval of the Local Government if the application is determined in the affirmative.

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			These issues will also be included within the works approval and licencing requirements of the DWER. <u>Proponent's Response:</u> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
		<p>8.6 Deficient /misleading rehabilitation statement – submits the proposal appears to seek approval to clear areas of remnant native vegetation, and excavate an existing creek line which flows into the submitter's client's farm. Further submits the depth of the excavations will transect the water table significantly in this location, and detrimentally impact on existing farming practices and remnant native vegetation which rely on groundwater in summer months. Also, there is no detail or expert reports to demonstrate that the natural water flow and water table will not be adversely affected by the proposal, or how dewatering will be appropriately managed.</p> <p>With respect to the rehabilitation statement in the application, the submitter submits that the statement is misleading to the extent of rehabilitation in that it provides that the area will be seeded and run with sheep upon completion, however, it is unclear how this will occur if the area is flooded with water and contains steep embankments. Finally, there is no mention of how waterborne diseases or pests, such as mosquitos will be controlled when the area remains flooded.</p>	<p>Noted. Approvals for the clearing of native vegetation are controlled by the Department of Water and Environmental Regulation, not the Local Government.</p> <p>The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law.</p>
		<p>8.7 Deficient Access and Transport reporting and analysis – with respect to the use of trucks, submits that all modelling must be undertaken on the maximum sized vehicle contemplated, being a short B-Triple, 27.5m in length with a capacity of up to 87.5t. The wording of the application with respect to truck use and access is ambiguous and deficient.</p> <p>The current design of Clydesdale Road doesn't allow trucks to remain lane-correct and even the smallest of trucks cannot traverse Clydesdale Road without remaining lane-correct, and therefore pose a significant and unacceptable safety risk to local residents. Advises the reason the Great Eastern Highway bypass was constructed in this locality was due to the unsafe nature of Clydesdale Road in this stretch, which resulted in multiple serious accidents and deaths. Further advises the main reason for the bypass was due to a number of significant heavy vehicle roll overs, which resulted from evasive action being taken at blind bends in the road, when vehicles were travelling in an opposite direction.</p> <p>Contents the Traffic Impact Assessment for the proposed development is considered deficient for a number of reasons. Cites case law where the State Administrative Tribunal has dismissed appeals on the basis that, while the increase in traffic volumes from the proposed development was not, in terms</p>	<p>Noted. Refer reporting officer's and proponent's response at Cl. 1.3.</p> <p><u>Proponent's Response:</u> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.</p>

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		of numbers of vehicle trips, a very large number, the increase was a significant one in comparison to the existing situation. Advises that, on that basis, the Tribunal was satisfied that the proposed development would have an unacceptable impact on the amenity of the locality.	
		8.8 Deficient noise modelling and reporting – submits that technical compliance with the noise regulations, particularly in a rural context, does not demonstrate that there will not be an adverse impact on rural amenity, due to noise generated by a particular development. Lists a number of 'deficiencies' in the desktop analysis. Asserts that the desktop noise assessment appears to be grossly defective. The applicant should be required to consider noise impacts from all parts of its operation, including transport, and any additional reporting should be reviewed by an independent expert engaged by the Shire.	Noted. Dismissed. The Noise Regulations are the statutory mechanism to which compliance and non-compliance with the regulations is derived (Noise Levels). Compliance with the noise regulations demonstrates compliance with established Government standards. Noted. Dismissed. On-site noise is governed by the <i>Environmental Protection (Noise) Regulations 1997</i> to which the relevant consideration is demonstrating that the proposal does not have an adverse effect on sensitive land uses (such as residences) is a requirement of Local Planning Policy 21 (4.2 - E). The applicant has employed an independent acoustic engineer to conduct the analysis in accordance with industry standards, which has indicated that it complies with acceptable noise levels. Noise emissions generated from transport off-site is governed by the Federal Australian Design Rule requirements.
		8.9 Visual impact – submits that there is no detail on how tall the proposed storage area is proposed to be and that a visual impact assessment should be requested and considered by the Shire as part of its assessment of this application.	Noted. Given the topography, visual impact of the quarry and associated storage/stockpiling areas will be minimal. Likewise, visual observation of the quarry is completely hidden to the nearest residences and from Clydesdale Road.
		8.10 Bushfire Risk – submits that the subject land is identified as bushfire prone, and the vegetation on the land, being characterised as unmanaged grassland, and woodland, is considered to be an extreme fire risk. The site proposes to introduce heavy machinery, fuel storage, explosives and multiple heavy vehicle movements to such an environment, increasing that risk significantly. Contends that the application should be supported by a detailed fire management plan, and endorsed by FESA [sic], prior to consideration of the application by the Shire.	Noted. There is a proposed condition requiring the preparation and approval of a specific Bushfire Management Plan. <u>Proponent's Response:</u> PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
		8.11 Heritage – submit the Aboriginal Heritage Inquiry System referred to at page 5 of the application report, only shows a register of known and registered aboriginal heritage sites, it does not certify that no sites exist as the applicant appears to contend. Suggests that given the site contains rocky outcrops, and waterways, it is considered necessary that an appropriate survey is conducted, prior to consideration of this matter, to ensure that matters of heritage or archaeological significance are not disturbed as part of the proposed operation.	Noted. Recommend as a component of the site survey as per the Environmental Management Plan to document any potential features of Aboriginal Heritage significance.
		8.12 State and Local Heritage – submits that on page 5 of the application, the report notes that there is no registered sites located on the subject land. Notes that, immediately downstream of the proposed development, adjacent to Clydesdale Road, is a historical well which is a registered historical site, and was used for travellers along the former Great Eastern	Noted. There are no State Heritage or Municipal Heritage Inventory listings on the proposed location. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are

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		Highway. As the proposal contemplates blasting and 35m+ of excavation that transects the water table, the proposal has the potential to impact on the heritage values of the well. Contends that this impact and must be appropriately assessed before an application can appropriately be considered by the Shire.	mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law.
9	Grass Valley townsie landowners (names and address provided) Received: 07/09/2018	Objection 9.1 Traffic & public safety – the haulage route through Grass Valley will cause difficulty as their 8 year old rides his bike/scooter around their block which includes the haulage route. Having this many trucks is dangerous for all local children and is also their bus route.	A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
		9.2 Dust and noise pollution – the trucks will bring extra noise and dust pollution.	Noted. The on-site activities are to comply with the Environmental Protection (Noise) Regulations 1997.
		9.3 Use of stand pipe – opposed to the drawing of water from the stand pipe at Intersection of Jennapullin & Clydesdale Roads.	Heavy vehicle emissions are required to comply with Federal Australian Design Rule requirements. Noted. Dismissed. Not a valid planning matter.
10	Grass Valley North Road landowners (names and address provided) Received: 20/09/2018	Objection 10.1 Method of extraction concerns – advises that it is not clear from the material provided how the basic raw materials will be extracted. Have concerns regarding pollution of natural resources, along with possible damage to their property from blasting.	Noted. The applicant proposes blasting to loosen material to be excavated by front head loader. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law.
		10.2 Environmental health concerns – submits that the dust produced because of the extraction and processing is of concern. Further advises that there is no point of monitoring the dust after the extractive industry is in operation.	Noted. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law.
		10.3 Lack of Studies and surveys – the proposal is lacking in study and survey to assess the possible effects to the air, water supplies, flora and fauna, local heritage sites and amenities. Needs to know how this development will affect the environment.	Proponent's Response: PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT. Noted. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law. There are no registered heritage sites in

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			the vicinity of the proposal, the Clearing Permit entered by the applicant to DWER would cover flora and fauna impacts. Proponent's Response: PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.
		10.4 Possible devaluation of surrounding properties – submits that with the marked increase to traffic volumes plus possible noise pollution as well as unknown effect of dust / water pollution, this could affect the character of the locality and therefore property values.	Noted. Property values are not a relevant planning consideration.
		10.5 Impact of the proposal on native fauna – advises that they are concerned that the native wildlife will be distressed by the proposed development.	Noted. The Clearing Permit entered by the applicant to DWER considers potential flora and fauna impacts. This is beyond the control of the Local Government, being deferred to a relevant State Authority/Agency.
		10.6 Traffic concerns – submits that the increase to daily traffic from the transport trucks works out to be a 25%+ increase in road traffic on Clydesdale road, which is significant. Questions the suitability of the entire haulage route.	Noted. The applicant has revised their proposed traffic volumes and offered the following response: <i>"The proponent has now amended the loaded trucking movements from 25 to 14 maximum per day, which considerably reduces the truck traffic on the given route. Further, this section of road currently carries trucks of all sizes and descriptions."</i> A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
		10.7 Functional Road Hierarchy – the proposed haulage route through Grass Valley is inappropriate as Vivian Street is a 'Local Distributor' and Clydesdale Road is categorised as an 'Access road'.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		10.8 Bus route – submits that, as the quarry is open from 7am - 5pm, would like to know how it is to be managed owing to concerns for the school children and bus drivers.	Noted. A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
		10.9 No financial benefit – contends there is no benefit for anyone apart from there being a financial benefit to the landowners of Lot 150.	Noted. Dismissed. Not a valid planning consideration.
11	Grass Valley townsie landowners	<u>Objection:</u>	

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	Received: 05/09/2018	11.1 Road condition – questions who will pay any or all damage incurred to the road.	Noted. Under Shire of Northam Local Planning Policy No.21 (Extractive Industry), the applicant is required to pay a road maintenance bond on an annual basis which is used to repair the road surface in the event of damage caused by the movements generated by the extractive industry.
		11.2 Public safety – submits it is inappropriate having heavy haulage trucks going past their local school bus stop.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
12	Grass Valley South rural landowner (name and address provided) Received: 10/09/2018	Objection: 12.1 Public safety & noise and dust pollution – submits the noise of truck movements through Grass Valley will reduce the quality of life for Grass Valley residents. Dust from the trucks will be dangerous to all. The haulage route goes past two school bus stops, which is dangerous.	Noted. The on-site activities are to comply with the <i>Environmental Protection (Noise) Regulations 1997</i> . Clydesdale Road (RAV 2 with Conditions), Jennapullin Road (RAV 2 with Conditions), Keane Street (RAV 3) and Vivian Street (RAV 3) are already designated RAV routes, and the operators of any vehicle are to have due regard to the Road Traffic Code 2000. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Heavy vehicle emissions are required to comply with Federal Australian Design Rule requirements. The applicant proposes to use dust mitigation (truck washing, wet down of material & transport cover). A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
		12.2 Decrease in land value – submits the value of land will decrease due to the increase of heavy traffic and dangerous pollution.	Noted. Property values are not a valid planning consideration.
		12.3 Road safety – submits the Grass Valley fire shed is located at Wilson and Keane Street intersection. Trucks will put members at risk as they enter and leave the shed.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		12.4 Impact on only habitat for rare trapdoor spider – questions whether an impact study had been undertaken on any impact the quarry may have on the habitat of the extremely rare trapdoor spider on located in Grass Valley.	Noted. The Clearing Permit entered by the applicant to DWER considers potential flora and fauna impacts. This is beyond the control

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13	Grass Valley townsite landowners (names & address provided) Received: 10/09/2018	<u>Objection:</u> 13.1 Detrimental effect on land value – the development proposal will have a detrimental effect on land value. 13.2 Reduced amenity – Grass Valley won't be a very nice place to live with 50 truck movements/day. 13.3 Noise, dust & safety issues – there will be noise, dust & safety issues (issue of 2 school buses picking up children in town).	of the Local Government, being deferred to a relevant State Authority/Agency. Noted, however land values are generally not a valid planning consideration. Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
14	Grass Valley Rural Residential landowners (names & address provided) Received: 10/09/2018	<u>Objection</u> 14.1 Public safety issues and road/traffic safety issues – submits that having more truck traffic on Jennapullin Road (closer to Grass Valley townsite) will increase the risk for pedestrian use. The design of Jennapullin Road just north of the Great Eastern Highway underpass (being single lane) will cause traffic safety issues. 14.2 Road condition – advises Jennapullin Road, just north of the Great Eastern Highway underpass is in a bad state of repair and therefore unsuitable for heavy vehicles. 14.3 Traffic safety issues – there is a school bus stop on the corner of Jennapullin Road and Vivian Street. Questions how MRWA could have overlooked this inherent danger. The equestrian community with their buggies and wagons who utilise Jennapullin Road extensively will have to contend with 50 heavy vehicles and trailers on a daily basis.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Officers cannot comment on the decision processes of other respective authorities/agencies. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right

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		14.4 Tourism impact – submits that motorcycle collector clubs, car clubs and rallies which include travel through Grass Valley or stopping to utilise the Hotel or Park for meals and social events will stop utilising the area, with Jennapullin Road being heavily utilised by Heavy Vehicles with trailers travelling in both directions. The proposed haulage route will also impact tourists who overnight by arrangement near the hall, hotel and other properties within Grass Valley.	heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		14.5 Downfall of community values and impact on property values – submits there will be an economic loss for residents, ratepayers and landholders. With diminished amenity in Grass Valley and the destruction of the neighbourhood-based atmosphere, the proposal will cause a downfall in community values including property.	Noted. However property values are generally not a valid planning consideration. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		14.6 Health risks associated with transportation of crystalline silica – submits that dispensing silica dust (by wind and via haulage route) continuously over the lifetime of the quarry has the potential to be a serious threat to the health of the local community.	Noted. With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.
		14.7 A better proposal – submits that, with respect to the haulage route, Watson Road to Great Eastern Highway and Clydesdale Road to Great Eastern	Also refer response at Cl. 8.5. Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right

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15	Grass Valley townsite landowner (name & address provided) Received: 10/09/2018	<p>Highway do not travel through towns, villages, hamlets or areas which contain large groups of men, women and children.</p> <p><u>Objection:</u></p> <p>15.1 Suitability of haulage route through Grass Valley – submits that Clydesdale Road is a more appropriate route from a road and pedestrian safety perspective. Also, the blind bend under the bridge on Jennapullin Road will cause problems.</p> <p>15.2 Noise pollution and dust pollution – submits the noise and dust created by the trucks coming through a residential area in Grass Valley is of concern. Further submits that Clydesdale Road is less intrusive a route for the volume of trucks than the one through Grass Valley as it has less impact on residents of the town and has less vehicle traffic.</p>	<p>heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p> <p>Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p> <p>Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p>
16	Grass Valley townsite landowner (name & address provided) Received: 10/09/2018	<p><u>Objection:</u></p> <p>16.1 Potential for dust / air pollution, noise pollution – submits that silica and heavy metals are major pollutants. Modelling required to project dust impacts based on the throughputs through the Grass Valley townsite, types of trucks and dust carried by the body itself, including the product inside the trailers as this has not been 'tested' in this case.</p> <p>16.2 Need for management plans – submits that management plans for blasting, dust, water and contamination of ground water runoff, dams, etc. should be a requirement.</p> <p>16.3 Effects of blasting – submits the effects of blasting have not been considered on the environment, flora and fauna, Grass Valley townsite or on surrounding infrastructure, including the bypass.</p>	<p>Noted. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law.</p> <p>The Clearing Permit entered by the applicant to DWER considers potential flora and fauna impacts. This is beyond the control of the Local Government, being deferred to a relevant State Authority/Agency.</p> <p>PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.</p> <p>Noted. Agree. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law.</p> <p>The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law.</p> <p>PLEASE REFER ATTACHEMENT 7 FOR ADDENDUM REGARDING FURTHER CLARIFICATION PROVIDED BY THE APPLICANT.</p>

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		16.4 Noise-assessment required – submits that noise assessment of the activities onsite, as well as predictive modelling for noise from the travelling double-Bs through the town via roads should be a requirement.	Noted. Dismissed. Noise emissions generated from transport off-site is governed by the Federal Australian Design Rule requirements.
		16.5 Lack of information regarding existing fauna and flora – submits that fauna and flora have not been mentioned at all in the application.	Noted. The Clearing Permit entered by the applicant to DWER considers potential flora and fauna impacts. This is beyond the control of the Local Government, being deferred to a relevant State Authority/Agency.
		16.6 Deficient acoustic assessment – submits that meteorological conditions used for noise do not reflect conditions in summer and assessment of the site and impact on surrounding areas has been minimal as it has been completed in the cooler winter months at a maximum temperature of 20 Degrees Celsius where there is no easterly breeze.	Dismissed. The applicant has employed an independent acoustic engineer to conduct the analysis in accordance with industry standards, which has indicated that it complies with acceptable noise levels.
		16.7 Traffic and pedestrian safety concerns – submits the haulage route goes past the bus stop in Grass Valley townsite where there are a number of school children every morning and afternoon.	Noted. A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
		16.8 Lack of consideration for general amenity – contends the general amenity of Grass Valley townsite has not been considered as there are already plenty of large vehicle movement on this road.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		16.9 Existing road conditions & traffic safety – submits the condition of Keane Street and Jennapullin Road is already very poor and there is not sufficient room to stop before the small creek over the creek.	
17	Grass Valley townsite resident (name & address provided) Received: 10/09/2018	<u>Objection:</u> 17.1 Moral objection – submits that dust emissions at extractive industries leads to damaged health, and destroys the environment, heritage and healthy lifestyle.	Noted. The applicant is required to submit an Environmental Management Plan and receive a works approval and operating licence from the DWER which address such issues.
18	Grass Valley townsite landowner (name & address provided) Received: 10/09/2018	<u>Objection:</u> 18.1 Deficient application – submits the application fails to address health, amenity, visual impact, environmental, technical engineering or heritage studies or assessments (including the impact on birdlife at two nearby nature reserves. Also, there is no mention of impacts on water flow, no detail or expert reports to demonstrate that the natural water flow and water table will not be adversely affected by the proposal, or how dewatering will be appropriately managed. Notes there is a registered historical well downstream from the proposed site which could be impacted.	Noted. There are no State Heritage or Municipal Heritage Inventory listings on the proposed location. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law. The Clearing Permit entered by the applicant to DWER considers potential flora and fauna impacts. This is beyond the control of the Local Government, being deferred to a relevant State Authority/Agency.
		18.2 Health risks associated with transportation of crystalline silica – submits that the applicant has not provided any dust assessment or public health risk assessment in the application and is inconsistent with the Environmental	Noted. Refer response provided at 14.6 on pages 23 & 24.

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		Protection Authority's Guidance Statement No. 3 – Separation Distances between Industrial and Sensitive Land Uses. 18.3 Haulage route condition & road safety concerns – questions how the Shire can approve Clydesdale Road as the haulage route when vegetation has been allowed to grow back and in many sections to the edge of the seal. Also, shoulders, drains and culverts have not been maintained to a standard of a RAV 2 rated road. The proposal to bring heavy vehicles through Jennapullin Road into the Grass Valley townsite and have them turning into Vivian St in the same area as two school bus stops and the Volunteer Fire service amenities is not logical.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
19	Clydesdale Road landowners (names & address provided) Received: 10/09/2018	<u>Objection:</u> 19.1 Health concerns – submits that silica dust from the operations at the proposed extractive industry may in future cause increased cancers in local residents. Further submits that hazardous substances created during the extraction, processing and transportation thereof will need to be tested prior to and during the entire operation. Air and water quality testing should be a major factor. Also submit that young children wait on the side of the road for the school bus both on Clydesdale Rd and in Grass Valley, which poses a safety risk. Having the trucks restricted to 60kms hour is going to restrict movement for all traffic using Clydesdale Road. Residents do not want the road limited to 60kms hour for all due to this proposal.	Noted. . With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).

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			A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
		19.2 Road safety concerns – submits that the proposed entry to the quarry provides little visibility traffic travelling out of the proposed site and for vehicles travelling along Clydesdale Road. Further submits that Clydesdale Road is not in the best condition now and will deteriorate further with increased use of trucks carting heavy material. The Clydesdale Road / Great Eastern Highway intersection poses a traffic hazard and the Grass Valley townsite route is not an acceptable route due to the increased risk for residents both on the road and possible health risks associated with harmful dust.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Under Shire of Northam Local Planning Policy No.21 (Extractive Industry), the applicant is required to pay a road maintenance bond on an annual basis which is used to repair the road surface in the event of damage caused by the movements generated by the extractive industry.
		19.3 Impact on country town lifestyle – submits that residents in Grass Valley townsite chose to live there due to the lifestyle and safety of a country town. The extractive industry proposal threatens the very nature of why people chose to live in Grass Valley townsite.	Noted. Statement only.
20	Grass Valley townsite landowners (names & address provided) Received: 10/09/2018	<u>Objection:</u> 20.1 Safety, health and property value concerns – submits the proposal will impact on the safety and health of the Grass Valley community, and will also affect future sales of property due to de-valuation of this proposal.	Noted. Dismissed. Property values are not a valid planning consideration.
21	Grass Valley Rural Residential landowner (name & address provided) Received: 10/09/2018	<u>Objection:</u> 21.1 No direct benefit – contends there will be no direct benefit to the community of Grass Valley.	Noted. Dismissed. Not a valid planning consideration.
		21.2 Impact of development on Grass Valley – submits the impact assessment does not take into consideration the values of the Grass Valley community.	Noted. Dismissed. This is not the purpose of a Traffic Impact Statement.
		21.3 Traffic risk – submits the proposed haulage route will add unnecessary risk to road users and pedestrians around Grass Valley, and will also introduce the potential to create delays to the Grass Valley Volunteer Brigade responding to community emergencies.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		21.4 Noise emissions & amenity concerns – submits the increased noise from the proposed haulage route will reduce the quiet town atmosphere when using local facilities around that area of Grass Valley townsite.	Noted. An Environmental Management Plan is to be a Condition of Development Approval, which includes details and proposed practices of Dust Mitigation/Dust Suppression. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).

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			Also refer to the proponent's response regarding reduced number of truck movements under Cl. 1.3.
		5. Road condition concerns – submits increasing the traffic along on Keane Street and Jennapullin Road will decrease the integrity of the roads as these roads currently require maintenance and any increase in traffic flow will compound the damage.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		6. Dust and air quality concerns – the mining activities will endanger the safety of the community with the increased dust (i.e. silica dust), decreasing the air quality and have consequences for the native ecology.	Noted. With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.
22	Grass Valley townsite landowner (name & address provided) Received: 07/09/2018	<u>Objection:</u> 1. A better proposal – submits Watson Road should be satisfactory in every aspect.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		2. Haulage route condition – A cursory inspection of the haulage route would reveal the need for a major upgrade, plus there would be a need for ongoing maintenance under the expected workload.	Noted. Under Shire of Northam Local Planning Policy No.21 (Extractive Industry), the applicant is required to pay a road maintenance bond on an annual basis which is used to repair the road surface in the event of damage caused by the movements generated by the extractive industry.

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23	Grass Valley townsite landowners (names & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Public health concerns – submits the dust from the rock is dangerous and can cause fatal illnesses.	<p>Noted. . With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises.</p> <p>Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act.</p> <p>The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u>. A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.</p>
24	Grass Valley townsite landowner (name & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Traffic & public safety concerns – submits the Clydesdale / Jennapullin / Keane / Vivian Street route is used by school buses and the most used by both rural and Grass Valley townsite residents for access to Great Eastern Highway.	<p>Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p> <p>A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.</p>
		2. A better proposal – suggests the route best suited would be Clydesdale / Watson Road to Great Eastern Highway.	<p>Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).</p>
25	Northam resident (name & address provided)	<u>Objection:</u>	<p>Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -></p>

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	Received: 07/09/2018	1. Traffic safety concerns & road degradation – submits trucks passing through Grass Valley townsites poses a danger to children as the playground is located very close to the haulage route. Trucks will damage the roads. 2. Public health concerns – submits silica in quartz, if inhaled can cause long-term health effects.	Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. . With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.
26	Jennapullin Road rural landowner (name & address provided) Received: 07/09/2018	3. Dust and air quality concerns & devaluation of property – submits strong winds carrying the damaging dusts over extreme distances can cause damage to homes, devaluing them significantly. Also devaluing cars, property & crops. <u>Objection:</u> 1. A better proposal – suggests that the least obtrusive haulage route to Great Eastern Highway would be via Watson Road, which should be upgraded to RAV 2 standard.	Noted. As above. Devaluation of properties is not a valid planning consideration. Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		2. Traffic and road safety concerns – submits that 50 truck movements per day is more than what the Jennapullin / Clydesdale road intersection can handle.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).

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27	Grass Valley townsite landowners (names & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Noise pollution – submits the increased traffic movement will create increased noise levels due to use of exhaust brakes and heavy truck noise emissions. 2. Haulage route condition – submits the condition of Jennapullin Road is poor and road shoulders not conducive to heavy vehicle movement. 3. Public safety – submits Grass Valley children often ride their bikes and pedestrian traffic occurs at various time during the day on the proposed route for the trucks.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
28	Grass Valley townsite landowner (name & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Public safety – opposed to the amount of trucks proposed to use their access to Great Eastern Highway along Vivian Street as pedestrians frequent the area. 2. Road condition concerns – submits the entry into Grass Valley is very narrow with built-up rock edges. There will be no room to move for vehicles side-by-side. 3. Public health concerns – opposed to the possible health issues that will arise from the type of mining so close to houses.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. . With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it an offence for occupiers of prescribed premises to cause an

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			emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.
		4. Noise pollution – opposed to the extra noise pollution that the trucks and blasting at the proposed quarry will create.	Noted. The on-site activities are to comply with the <i>Environmental Protection (Noise) Regulations 1997</i> . Heavy vehicle emissions are to comply with Federal Australian Design Rule requirements.
29	Grass Valley townsite landowner (name & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Road safety, noise and air pollution concerns – states that Vivian Street is not wide enough for road trains passing a car. Also objects due to noise and air pollution concerns.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
30	Grass Valley townsite landowners (names & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Noise pollution – submit that blasting will be heard for a substantial distance, and trucks continually passing through the Grass Valley townsite will add to the local train noise which is 24 hours 7 days. 2. Public health concerns – submit that silica affects people's health in many ways.	Noted. The on-site activities are to comply with the <i>Environmental Protection (Noise) Regulations 1997</i> . Heavy vehicle emissions are to comply with Federal Australian Design Rule requirements. Noted. . With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.
		3. Dust pollution – submit that easterly winds will blow dust over Grass Valley townsite and Northam during the summer months, causing dust issues.	Noted. As above.

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		4. Public safety concerns – submit that passing trucks poses a danger to locals and visitors to the town.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		5. Devaluation of property – submit property values will fall if the proposal goes ahead.	Noted. This is not a valid planning consideration.
31	Grass Valley Rural Residential landowner (name & address provided) Received: 07/09/2018	Objection: 1. No direct benefit – contends there will be no direct benefit to the community of Grass Valley.	Noted. This is not a valid planning consideration.
		2. Traffic safety concerns – submits the proposed development will endanger the traffic and pedestrians on Keane Street and Jennapullin Crescent. An increase in traffic, particularly large truck movements, will decrease the safety of the road and enjoyment of the Grass Valley area.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		3. Road condition concerns – submit more traffic along Keane Street and Jennapullin Crescent will damage the road including the bridge.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		4. Road condition concerns – The proposed route through Grass Valley town site is not appropriate for the truck movements as it will decrease the safety of the community. Other possible routes are also unsuitable, therefore the quarry should not go ahead.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
		5. Public safety, dust / air quality concerns – the mining activities will endanger the safety of the community with the increased dust (i.e. silica dust) decreasing the air quality.	Noted. With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a

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			prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.
		6. Noise pollution – contends the community does not need increased noise pollution from the development, further alleging that the acoustic assessment for the proposed development could be invalid.	Dismissed. Invalid argument. Acoustic modelling considers the impacts of the source on receptors in the direct vicinity of the proposal. The community perception in regards to a technical assessment of noise compliance is not valid, as the acoustic modelling is based on Government and industry standards established from an evidence-led basis (technical & measurable industry standards for noise regulation). Noted.
		7. Amenity concerns – submits the mining development will endanger the Grass Valley "community feeling".	Noted.
		8. Environmental impacts – submits that rehabilitating the site will not ensure all facets of an ecosystem are restored, adding that encroachment of weeds due to altered soil structure will not allow regeneration of the original habitat. Further submits that the application will increase native vegetation clearing, threatening the habitat availability of endangered species. The application will also reduce the remaining range of Eucalyptus Wandoo trees.	Noted. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law. The Clearing Permit entered by the applicant to DWER considers potential flora and fauna impacts. This is beyond the control of the Local Government, being deferred to a relevant State Authority/Agency.
32	Grass Valley Rural Residential landowner (name & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Traffic safety and noise pollution – objects to the proposed haulage route through Grass Valley, the increased noise and the fact that the haulage route goes past the main school bus stop.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
		2. A better proposal – submits Clydesdale Road East to Watson Road and then Great Eastern Highway is a better haulage route.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).
33	Grass Valley townsite landowner (name & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Road safety, noise and dust pollution concerns – notes the danger posed by trucks on Clydesdale Road, and holds concerns for increased noise and dust from blasting / crushing operations.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).

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No.	Submitter / Date Received	Summary of Submissions	Officer's Comment / Recommendation
34	Grass Valley townsite landowners (names & address provided) Received: 07/09/2018	<u>Objection:</u> 1. Haulage route concerns – do not support the haulage route through Grass Valley townsite. Suggest Watson Road is upgraded to support RAV2 status.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. Under Shire of Northam Local Planning Policy No.21 (Extractive Industry), the applicant is required to pay a road maintenance bond on an annual basis which is used to repair the road surface in the event of damage caused by the movements generated by the extractive industry.
35	Grass Valley townsite landowners (names & address provided) Received: 06/09/2018	<u>Objection:</u> 1. Road condition and appropriateness of haulage route – questions who will be responsible for damage to the road given the volume of heavy traffic on a small and narrow road. Believe it is inappropriate having heavy vehicles going past the local school bus stop.	A condition is to be applied to limit heavy vehicle movements by the operator during school bus hours between 7:00AM and 8:30AM and 3:00PM and 4:30PM.
36	Grass Valley townsite landowner (name & address provided) Received: 05/09/2018	<u>Objection:</u> 1. Public health concerns – holds concerns for the possibility of silica dust to reach Grass Valley townsite in the correct wind conditions.	Noted. . With regards to emissions and discharges (such as silica dust), the Department of Water and Environmental Regulation administers Part V Division 3 of the <i>Environmental Protection Act 1986</i> (the Act) to regulate emissions and discharges from a prescribed premises. Prescribed premises are defined in Schedule 1 of the <i>Environmental Protection Regulations 1987</i> (the EP Regulations) and consist of activities with the potential to cause emissions and discharges which may impact upon public health or the environment. Under Schedule 1 of the EP Regulations, given the volumes to be extracted, and given the associated screening and crushing activities that will occur at the site, the proposal will be a 'prescribed premises' for the purpose of the Act. The EP Act requires an occupier of a premises who carries out work (constructs or alters infrastructure) which causes the premises to become a prescribed premises, to only do so in accordance with a <u>works approval</u> . A works approval authorises the construction of a prescribed premises and may also authorise emissions and discharges that occur during construction and commissioning. Finally, the Act makes it offence for occupiers of prescribed premises to cause an emission from a prescribed premises, unless they hold a licence for that premises. Licences contain conditions to protect the environment or public health from emissions from the premises.
		2. Appropriateness of haulage route and amenity concerns – opposes the revised haulage route through Grass Valley townsite as regular flow of heavy vehicles will significantly alter the feeling and character of the townsite.	Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right

Planning and Development Act 2005 Shire of Northam Local Planning Scheme No. 6 Proposed Extractive Industry – Lot 150 (792) Clydesdale Road, Grass Valley (P18050) Schedule of Submissions		
No.	Submitter / Date Received	Summary of Submissions
		<p>3. Noise pollution and public safety concerns – the haulage route through Grass Valley townsite will significantly increase noise emission and reduce children's ability to walk / ride carefree and safely as they are used to currently.</p>
37	Grass Valley townsite landowner (name & address provided) Received: 05/09/2018	<p><u>Objection:</u></p> <ol style="list-style-type: none"> 1. Appropriateness of haulage route – opposed to the haulage route through Grass Valley townsite and increased noise. 2. Environmental concerns – do not support the proposal due to fault lines in the area and the impact of the proposal on local fauna and flora.
Officer's Comment / Recommendation heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route).		
Noted. Heavy vehicles are required to comply with the Road Traffic Code 2000 and the Road Traffic (Vehicles) Regulation 2014 and Federal Australian Design Rule for heavy vehicles (Emissions). A condition of development approval is recommended for the applicant to undertake to utilise Clydesdale Road -> Watson Road -> Great Eastern Highway as the proposed haulage route. As of right heavy vehicles are to be utilised to carry the hard rock material along the proposed haulage route (Watson Road Route). Noted. The requirement of the Environmental Management Plan appropriately addresses the requirement to delineate Dust Mitigation, Rehabilitation, Drainage, and Other Factors the Local Government deems relevant to ensure impacts are mitigated and that site management is conducted in accordance with LPP21 and the Extractive Industry Local Law. Fault lines are required to be considered where structures are required to be built in accordance with relevant design standards, however as the proposal relates to an extractive industry it is not recognised as a significant matter for consideration as per the Deemed Provisions of the Planning and Development (Local Planning Scheme) Regulations 2015. The Clearing Permit entered by the applicant to DWER considers potential flora and fauna impacts. This is beyond the control of the Local Government, being deferred to a relevant State Authority/Agency.		
AGENCY RESPONSES		
38	Regulatory Services: Environment Department of Water and Environmental Regulation Locked Bag 33 Cloisters Square PERTH WA 6850	<p>I refer to the letter dated 24 July 2018 inviting comment from the Department of Water and Environmental Regulation (DWER) in relation to the above extractive industry application. This advice is provided with respect to the Department's regulatory responsibilities under Part V of the <i>Environmental Protection Act 1986</i> (EP Act) only.</p> <p>Activities such as crushing and screening during extractive industry operations, may be a prescribed premises for the purposes of Part V Division 3 of the EP Act if it</p>
Noted.		

Planning and Development Act 2005 Shire of Northam Local Planning Scheme No. 6 Proposed Extractive Industry – Lot 150 (792) Clydesdale Road, Grass Valley (P18050) Schedule of Submissions			
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		<p>is carried out at a rate that meets or exceeds the specified production or design capacity of the relevant category under Schedule 1 of the <i>Environmental Protection Regulations 1987</i>.</p> <p>Category 12 or 70 prescribed premises are premises on which material extracted from the ground is screened, washed, crushed, ground, milled, sized or separated. The production or design capacity of Category 12 is 50,000 tonnes or more per year and Category 70 is more than 5,000 tonnes but less than 50,000 tonnes per year.</p> <p>The applicant can be advised to determine if its proposal would make the premises prescribed, therefore requiring an application for a Works Approval. Note that planning approvals may influence DWER's determination of production or design capacity, where an approval has the effect of restricting capacity (such as constraining hours of operation).</p> <p>The purpose of a works approval is to allow DWER to assess the environmental acceptability of a proposal's potential to cause emissions and discharges against standards and policies. Note that any works approval or licence issued under Part V of the EP Act will only regulate emissions associated with the crushing and screening operation (such as dust, noise and contaminated stormwater). It does not extend to the environmental impacts of extracting the material from the ground or transport off-site.</p> <p>Under section 51C of the <i>Environmental Protection Act 1986</i> (EP Act), clearing of native vegetation is an offence unless undertaken under the authority of a clearing permit, or the clearing is subject to an exemption. Exemptions for clearing that are a requirement of written law, or authorised under certain statutory processes, are contained in Schedule 6 of the EP Act.</p> <p>There is no exemption for extractive industry purposes under Schedule 6 of the EP Act.</p> <p>DWER has not received an application for a clearing permit for this activity. It is recommended that the Applicant be advised to contact the Department to clarify native vegetation clearing requirements related to this proposal.</p> <p>The clearing of native vegetation can be considered as part of a works approval application and consequently, one application for the proposal may be sufficient.</p>	
39	Swan Avon Region Planning Advice Section Department of Water and Environmental Regulation 7 Ellam Street	<p>The Swan Avon region of the Department of Water and Environmental Regulation (DWER) has reviewed the proposal and provides the following advice:</p> <p>The proposed extractive industry site has mapped waterways (tributaries of Grass Valley Brook), the DWER therefore recommends that stormwater management be</p>	Noted.

Planning and Development Act 2005 Shire of Northam Local Planning Scheme No. 6 Proposed Extractive Industry – Lot 150 (792) Clydesdale Road, Grass Valley (P18050) Schedule of Submissions			
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	VICTORIA PARK WA 6100	<p>In accordance with the <i>Stormwater Management Manual of Western Australia</i> (DWER, 2004-2007) and best management practices outlined within <i>Water Quality Protection Note No. 15 - Extractive industries near sensitive water resources</i> (DWER, 2013), The DWER notes that waterway and stormwater management has not been addressed in the planning application documentation.</p> <p>It is unclear from the plans provided, if the proposed mining will intersect the waterways or if a setback to the waterways has been provided. The proposal is located within the Avon River Catchment Surface Water Resource proclaimed under the <i>Rights in Water and Irrigation Act 1914</i>, where there may be a requirement to obtain a permit to interfere with the bed and banks of a water course. The issue of a permit is not guaranteed but if issued may contain a number of conditions. The proponent is encouraged to contact the Department of Water's Swan Avon Region office on 6250 8000 to discuss water management options.</p>	
40	Main Roads WA PO Box 333 Northam WA 6401	<p>Further to your correspondence of 24 July 2018 with attachments Main Roads provides the following comments.</p> <p>The Transport Impact Statement (TIS) report includes an assessment of Clydesdale Road Intersection with Great Eastern Highway (GEH) the nominated route for the extractive industry. The sight distance has been assessed as "no observed sight distance issues". The report fails to quantify the sight distances available and the required sight distances as per the Main Roads Restricted Access Vehicles (RAV) Guidelines. Main Roads assessment is that the sight distance to the west from Clydesdale Road may be less than the required 390m taking into consideration the down grade on GEH.</p> <p>The TIS includes an assessment that the existing Intersection layout does not allow correct turning swept paths for heavy vehicles turning left from GEH into Clydesdale Road. The TIS is also silent on the consideration whether an acceleration lane will be required for laden heavy vehicles entering GEH.</p> <p>The TIS reviews the crash history in the vicinity of Clydesdale and GEH, however omits to mention that the intersection of Clydesdale Road and GEH has 3 crashes at the intersection in the last 5 year reporting period. The crashes include 1 hospital and 2 Major Property Damage.</p> <p>Given the above issues identified with the intersection of Clydesdale and GEH the report is silent on required improvements.</p> <p>The transport route from Lot 150 along Clydesdale, Jennapullin, Keane and Vivian to GEH has been "avoided by the proponent". The TIS contains no assessment of this route.</p>	<p>Noted. Summary of Information indicates technical/safety aspects of Clydesdale Rd/GEH interface are not appropriate as the proposed haulage route, and preference is given by MRWA to utilise Clydesdale Rd -> Jennapullin Rd -> Keane St -> Vivian Street & Great Eastern Highway.</p>

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		<p>The intersection of Vivian and GEH is RAV rated for the proposed vehicle types. The intersection has the required sight distances and the existing layout includes widening on the eastbound approach of GEH to facilitate right turning vehicles from GEH and an acceleration lane/overtaking lane for left turning laden vehicles from Vivian onto GEH. The intersection has no recorded accidents in the last five years.</p> <p>Main Roads recommendation would be to use Vivian/GEH intersection as no further improvements would be required.</p> <p>If the proponent would like to pursue the use of Clydesdale/GEH intersection further information on the above issues will be required and the proponent will need to upgrade the intersection.</p> <p>Therefore on the information provided Main Roads does not support the current planning proposal.</p>	

- END OF SUBMISSIONS -



RESOURCE GROUP (WA)

22nd November 2018

Mr Jason Whiteaker

Chief Executive Officer

Shire of Northam

By Email: records@northam.wa.gov.au

Dear Mr Whiteaker

Re: Proposed Quarry at Lot 150 (792) Clydesdale Road, Grass Valley

Thankyou for the opportunity to address issues raised at the Shire's November Forum held at the Quellington Hall Grass Valley on the 14th November 2018. I will attempt to respond to the main questions as presented at the meeting.

Question #1. Transport Route

We have considered the suggestion of exiting to GEH via Watson Road. The idea has merit and we believe we can make it work. This was our original route until advised by MRDWA that it wasn't a RAV rated road, so we chose to go straight down Clydesdale to GEH. This was also changed by MRDWA, hence the route through Grass Valley via Keane and Vivian Streets. Either of the two routes serve our purpose, however the use of Watson Road would relieve some of the anxiety felt by the residents, and as such is our first preference.

There appeared to be a lot of confusion at the meeting on just how many transport trips would be required on a daily basis. Resource Group originally asked for 25 trips (50 movements) to ensure there was sufficient coverage for random trucks coming to site. As mentioned in a previous response we proposed to our client that only a few trucks would come to site daily and for general sales to be conducted via a depot based in Perth, thus lessening the impact on the designated Grass Valley RAV route. This was accepted and we reduced the maximum number of truck trips down from 50 to 14 (28 movements). It should be understood however that in general only 6 or 7 truck trips will be required each day to keep the Perth stockpile topped up. The additional trucking is a buffer should this increase over time.

With regards to the access from GEH onto Clydesdale Road or Watson Rd whichever it may be, Resource Group accepts and understands that it is to their expense.



RESOURCE GROUP (WA)

Question #2. Hard Rock Quarry.

A question arose as to whether or not the proposed quarry is deemed a 'hard rock quarry'. The reason for this appears obscure but the thought is that the proposed quartzite quarry was trying to be made out to be something other than what it will be – a hard rock quarry.

Hopefully the following can clear up what constitutes a 'hard rock quarry'. Any crushing operation producing suitable products for concrete, road and general construction is considered a hard rock quarry. There are a number of quality control tests that determine what constitutes suitable material for construction purposes. Most of the tests revolve around hardness of the material to be used. (see attached AS2758 2009 – Aggregate and Rock for Engineering Purposes). Further, by way of example there is a test used in the industry to determine rock hardness. It is called the MOH hardness scale with diamond being the hardest mineral at 10 on the scale and Talc at the other end with a hardness of 1. Quartz being 7 on the scale is an exceptionally hard rock. By comparison Granite varies between 6.5 and 7 and would be the most common hard rock quarry across Australia. As such there is little to no difference between the two and as such crushed quartzite products are always considered as coming from hard rock quarries.

Further it was suggested that two separate licenses should apply for the operation? To have two separate licenses for the quarrying and processing as suggested by one person would be a precedent setting anomaly, and is unheard of in the quarrying industry in Australia. The quarry in question if approved will manufacture concrete aggregates, road sealing aggregates and road-base, all used in construction. Quartzite quarries are spread through out the industry across Australia. Personally, I have been involved in three such quarries, amongst others, in my 40 years within the Industry. In all cases the reduction and screening of the rock is carried out as a normal part of the operation in conjunction with the quarrying of the rock. Indeed, all approved licenses to operate quarries reflect this condition.

Question #3. Silica Rock and Dust Emission

The Western Australian Dept of Mines, Industry Regulation and Safety (DMIRS) along with the other States first recognised that Silica Dust was a health issue early on in the Seventies. Protocols were developed at the time to counter the issue which are fundamentally in place today. It is a requirement of the Mines Act that operators of such quarries comply with these protocols at all times. As commented on elsewhere there are numerous dangers associated with the use of Silica based products. However, the information in the public domain should not be misunderstood.

The main conditions for contracting lung incapacity from Silica dust are Probability and Exposure:

1. *Probability.* What is the likelihood of exposure to silica dust of unhealthy proportions.
2. *Exposure.* What is the actual period of time exposed to silica dust of unhealthy proportions over a long period of time.

Note: Unhealthy proportions means working visible dust clouds;

Exposure Duration – 8hrs per day 5 days per week over a very long period.



RESOURCE GROUP (WA)

Generally, Silicosis in quarry workers takes a long period to incubate (2 or more decades). Variation to this comes about through types of Exposure (heavy/light) and the Duration of the Exposure (days/months/years). Most cases stem from exposure over the longer time frame (long term latency) but shorter periods are exhibited in high dust/high daily hours exposure. (refer *Workplace Health & Safety QLD brochure – Dust and Silica conditions – Qld construction – Work related disease Strategy 2012-2022. Page 2 - Background - attached*).

There can be cases of a shorter latency periods and these are caused by elevated Exposure as is the current case with related industries for masonry and benchtop production. These areas of exposure and the relative numbers of cases now being seen are directly attributable to lack of understanding of the dangers of Silica and the required measures to control the outcomes of that particular operation (no control of fugitive dust). With the comment made at the meeting about recent cases of silicosis it would appear that this was in regards to the recent expose' on Television regarding conditions within the benchtop production in Qld industry. Checks with DMIRS WA Inspectorate Branch in Perth revealed that there have been no cases of silicosis reported in over the last 5-6 years within the Mining/Quarrying Industries.

Additionally, there are no records of any third-party silicosis disease related incidents.

Resource Group, and its contractors, are committed to following the prescribed DMIRS protocols. In fact, it is a requirement of the Mines Act that we do this. Dust emissions will be controlled tightly at all times. At the crushing plant this means mist sprays. Quarry feed will be wet down using the water truck canon. Load out points will be kept damp using the water truck canon. Roadways will be kept damp using the water truck spray bars. Trucks will go through a wheel wash, water spray for the load then tarps covering the load are positioned in place.

It should be understood that freshly fractured surfaces of silica-based rock results in the formation of reactive radical species at the newly generated particle surface. This leads to an increase in cytotoxicity. Freshly fractured surfaces may be generated in processes such as sand-blasting. However, the effect of the free radicals' decays with time due to 'aging'. This occurs slowly in air, but rapidly (within minutes) in water. (see attached – *Australian Institute of Occupational Hygienists – Position Paper on Respirable Crystalline Silica – page 9 – 4th dot point – freshly fractured and aged surfaces*)

Further, to ensure compliance is monitored a dust receptacle station will be installed on the property boundary. This will provide feedback 24/7 on whether or not compliance is achieved. Non-conformities are acted on immediately.

Additionally, a point was raised at the meeting regarding the Easterly winds, and how strong these get during the Summer. Upon review of historical Weather Bureau statistic's, we agree with this comment. Whilst we are required to control any fugitive dust, if it would provide the necessary peace of mind to the residents of Grass Valley, Resource Group is prepared to restrict the crushing cycle of the operation to within the months of April to the end of November when different prevailing winds are in play.



RESOURCE GROUP (WA)

Question # 4. Noise.

The report from SLR regarding the Acoustics Monitoring has come into for some criticism both at the meeting and previously. It should be understood that at this point in time only a straight-line desktop analysis is available as the operation does not exist yet (the Acoustic Assessment stipulates these points)

However, the indications from this study which currently are within the noise guidelines, indicate that future modelling will provide an even better and more conservative number. The reason for the improvement is because this modelling was carried out without the tree lines and hills that separate the receptor from the operation. This factor added in to the future equation can only mean lower noise levels at the receptor premises. Should by some chance the noise at the receptor location be higher than anticipated and exceed the permissible limits, mitigation will be carried out as recently approved by the Shire for the new quarry to be operated by Italia at Spencers Brook Rd Muluckine.

Additionally, various comments were also made with regards to other perceived receptors not being taken into account in the desktop modelling.

1. Firstly - the owner at of the property on which the quarry will be located is satisfied with the separation between the operation and his household because he understands that the hills and trees between the two provide sufficient buffer from noise for him and his family. As such this receptor wasn't taken into consideration. This receptor will be included in the operations acoustic study when undertaken so as to provide closure.
2. Second – the property to the West of the operation which is a relative of the property owners next door (the only qualified receptor) was not considered because in all instances it is over 1,000 metres from the operations (EPA Guideline Note No. 3). Additionally, there are trees and a very large hill separating this residence from the quarry which will muffle any noise occurring. However, to provide continuity and peace of mind Resource Group offers to include this receptor in the operational acoustics study when undertaken, if they so wish. (see map attached – Receptor Distances). The comment that the noise monitoring should occur at the fence line indicates a lack of understanding of how the Dept. of Environment regulations work, ie, all measurements are to be taken at the receptors home.

With regard noise from air blasts, the Dept. of Environment set air blast limitations on all operations that need to blast in order to obtain correct feed size for crushing. (see Dept. of Environment Protection (Noise) Regulations 1997; Blast Levels due to Blasting. Div.2; Reg.11. P16 - attached).

All blasts are measured for sound and vibration levels, plus are videoed for posterity. Should sound levels be close to the 125Db level permitted, adjustments are required and made for the next scheduled blast as required. One point around this issue which has been overlooked as time has gone by is the fact that quarry will only be operating in production mode for 3-4 months each year not 365 days per year as someone has suggested.



RESOURCE GROUP (WA)

Comments were made about trucks arriving circa 7am on cold Winter mornings and on Saturdays. As has previously been agreed by Resource Group there will be no Saturday delivery of product from the quarry. Further Resource Group has also agreed to restricting truck access to after 8.30am and no later than 3.00pm to avoid the period when school buses are on the local roads. These issues become redundant should Watson Road become the approved access route.

It should be noted that SLR provided the same form of Acoustic Assessment (desktop) for Italia Stone Group's quarry at Muluckine which was accepted without comment and approved by the Shire of Northam.

Question #5. Fire Plan.

The quarry operation at Grass Valley will be undertaken in areas that have been cleared of all vegetation and be surrounded by earth bunds thereby providing a physical boundary between it and the remaining vegetation. Further as the quarry develops there will also be separation by depth. Should fire prone days occur during the crushing period all movement of equipment will stop as currently required in line with all operators on farming properties.

In addition to the above and the information provided in the DA (p6) – Resource Group will have on site a large water truck complete with a high capacity water canon for use in the unlikely event a fire should start, or travel across the site.

The crushing plant and ancillary equipment will occur in an area relatively clear of any vegetation and will be covered by crushed material to form a hardstand base. As such there is very little chance of any fires eventuating in this area. Additionally, the crushing plant and stockpile areas are outside the designated bushfire prone areas (see DA Appendix 6- Fire Zone Map).

As previously offered by Resource Group, quarrying and crushing can occur between April and November thereby removing the chance of on-site fire to a large degree.

There was a comment made about fuel and explosives stored on site. Firstly, the fuel will be stored in a fully bunded double skinned tank in line with the requirements of DMIRS. To operate the fuel tanks a license must first be obtained with all operators fully trained and competent in line with the Mines Act & Regulations at all times. Again, this is outside the designated bushfire prone area.

The claim that explosives will be stored on site is totally incorrect. In line with modern quarry practice all explosive emulsion is brought to site in an inert state, primed and fired on the same day. No storage on site of explosives will occur at any time.



RESOURCE GROUP (WA)

Question #6. Site Rehabilitation

There were some very strong words around what, and what wouldn't be done by Resource Group with regards to the rehabilitation of the quarry and stockpile area upon completion of operations at lot 150 Clydesdale Road Grass Valley.

Prior to commencement Resource Group are required to submit to the Shire of Northam an Environmental Management and Mining plan for approval. Section C – Rehabilitation, of Italia's Mulluckine approval, outlines what is required to occur. These are outlined below:

- Drainage Management & Reinstatement
- Bund Removal
- Access Road and Hardstand removal
- Vegetation Planting
- Maintenance Plan

Resource Group commit wholly to this approach and it, and its contractors will carry out all items necessary to comply with these approved guidelines.

Further, it was suggested that the \$75k retention was insufficient to carry out the work. Resource Group's approach to this comment is that there are 4 individual pits proposed for the site. As advised in the DA, Resource Group will rehabilitate each pit as it is exhausted during the life of the quarry. As such what will remain at the end will be half of the final pit to be completed, drains reinstated, bund removal, hardstand and road removal plus planting and a maintenance plan. As such the \$75k is more than enough to finish off the works required plus this amount is inline with the recent approval for the Mulluckine quarry proposed by Italia.

Question #7. Other Issues.

Various comments were made regarding lack of data on Flora and Fauna, Ground water & water flow, Raw Feed volume, and a Health Assessment, etc. These will be answered below:

1. Flora and Fauna.
These are items that are required to be met by the Dept. of Environment when applying for an operating license. They cannot be done beforehand. As such if the DA presented by Resource Group obtains conditional approval, one of the conditions in these cases is always that the operator must obtain an approved License from the Dept. of Environment. Further, as the Flora report can only be done at certain points of the calendar year the next opportunity to carry this function out does not occur until April 2019 (1-2 weeks after the first rains). Once done these will form part of the application for an operating license.
2. Water.
The Dept. of Water has expressed interest in how the creek line coming through the area will be protected. As part of the Operating License approval we are required to have this signed off by the Dept. of Water. As the creek only flows during the Winter this can not be done until then and will be handled at the same time as the Flora and Fauna reports.



RESOURCE GROUP (WA)

3. Raw Feed Volume and quarry duration.

The calculation as provided by the third party for a total volume of 550,000m³ is incorrect. The industry standard as commented on is not 1.3/m³ but is actually ~2.62tn/m³. The requested approval figure of 150,000tn is the absolute maximum required in a very buoyant year plus also allows for a small amount market creep, however this figure should not be used as part of any yearly volume calculations. At this point Resource Group has only signed one out-take agreement for 30-40,000tn p.a. It is anticipated that it will take at least two years to penetrate the existing market any further with this new stone due to overall conservatism in the concrete industry. Resource Group has long term aspirations to trade in the region of 100-120,000tn p.a. but only anticipates between 50-75,000tns for the first five to six years. Additionally, drilling will be carried out to prove up additional resources. As such we anticipate the current resource will last 14-15years.

4. Health Assessment.

Given there are no onsite operation at this point we are unable to carry out a Health Assessment. Expert advice received by Resource Group indicates that a Health Assessment can only be carried out once the operation has started. At that point a further Acoustic Assessment and Dust Report will be carried out. These will form the basis of the Health Assessment amongst other items. As such the Health Assessment becomes literally the last item to be complied with.

5. Crushing Cycle & Importation of 3rd party supplied material.

At no time will the operation import material from another area for processing. Apart from being an expensive way to operate it forms no part of Resource Groups planning. With regards to crushing cycles, the site will only operate for 3-4 months per annum in a production capacity.

Hopefully we have covered issues as raised previously and at the meeting. Should you have any questions about this please do not hesitate to call the under signed.

Sincerely yours,

THE RESOURCE GROUP



Tony Nicholson

Director

PO Box 332, Inglewood WA 6052

0439.418401

tonynicholson@resourcegroup.com.au



12.3.3 Application for Retrospective Development Approval – Oversized Outbuilding, Permanent Sea Container Siting & Ancillary Awnings – 237 Jose Road, Bakers Hill

Address:	237 Jose Road, Bakers Hill
Owner:	Natalie-Ann & Nigel Shaw
Applicant:	As Above
File Reference:	A2621/P18092
Reporting Officer:	Benjamin Robins Planning Officer
Responsible Officer:	Chadd Hunt Executive Manager of Development Services
Officer Declaration of Interest:	Nil
Voting Requirement:	Simple Majority
Press release to be issued:	No

BRIEF

Council is requested to consider an application for retrospective development approval at 237 Jose Road, Bakers Hill. The application for retrospective development approval relates to the permanent siting of a sea container and oversized & over height outbuilding. The applicant therefore seeks to make an application for development approval with respect to *Local Planning Policy 5 – Use and Control of Sea Containers and Similar Storage Containers* (LPP5) and seeks development approval of variations under *Local Planning Policy 24 – Outbuildings in the Rural Residential, Rural Smallholding & Rural Zones* (LPP24). (Zoning: Rural Residential, Lot Size: 26,106m²/2.6Ha)

ATTACHMENTS

- Attachment 1: Location Plan
- Attachment 2: Site Plan, Elevations & Photos
- Attachment 3: Sea Container Elevation & Photos
- Attachment 4: Lean-To Elevations & Photos

BACKGROUND / DETAILS

The applicant seeks retrospective development approval as follows:

1. Permanent Sea Container Siting (12m Container)
2. Oversize & Over height Outbuilding (240m², 4.5m Wall Height, 5.58m Ridge Height).

Sea Container

The application for the permanent sea container siting seeks to vary the provisions of LPP5, being that one (1) sea container of 6m length is allowed on a Rural Residential or Rural Smallholding property. The applicant is seeking retrospective development approval for one (1) sea container of 12m length on the property for the purpose of domestic storage.

Oversized & Over height Outbuilding

Council is solely considering the retrospective development application for the 240m² oversized & over height Outbuilding (4.5m Wall Height, 5.58m Ridge Height). The property is 2.6Ha, and therefore LPP24 permits a maximum outbuilding size of 250m² and a maximum aggregate outbuilding area of 250m². Two outbuildings are located on the property, the existing approved outbuilding is 12m x 6m (72m²), while the outbuilding to which the retrospective development application is made is 20m x 12m (240m²). Therefore the applicant seeks retrospective development approval with variations to LPP24 relating to the height and area provisions of the Policy.

Historical Information

There are pertinent historical circumstances related to the proposal before Council for Council's Consideration:

2006~	Approval was granted by Council for the smaller outbuilding in 2006.
10/4/2008	An application for development approval for an oversized shed was made, and it was indicated at the time that there was no dwelling on the property prior to any outbuilding being present.
21/5/2008	The application was advertised and an objection was made by an adjoining landowner on 21/5/2008
19/8/2008	It appears from Council's records that the application was then withdrawn by the applicant on 19/8/2008.
24/6/2010 & 25/5/2010	Council's Officers provided correspondence regarding the unlawful habitation of the outbuilding/caravan and a 'Further Information Request' from the Building Department to submit a Planning Application prior to the dealing with the Building Application for the Conversion of the Outbuilding to a Habitable Dwelling.
8/7/2010	The Planning Application submitted by the applicant.

26/7/2010	'Building Notice' sent to applicant to advise the requirement to apply for a Retrospective Building Approval for the oversized shed.
29/7/2010	A letter from the applicant highlighted to staff that the plans were submitted to staff, and the builder advised the applicant was good to go on the shed which eventually led to Council following up the matter as unauthorised development (no building or planning permit for the larger outbuilding).
14/9/2010	Letter provided to applicant to inform applicant their concerns as per their correspondence were being investigated internally.
15/10/2010	Directions Notice served requiring the applicant (landowner) to take direction to remove the unauthorised sea container within 60 days of the 14/10/2010.
25/11/2010	<p>The landowner further advised that "I did get permission by two people in the Shire Office" and his mistake was not insisting on receiving the paperwork and transferring the dwelling classification.</p> <p><i>OFFICER NOTE:</i></p> <p><i>There are no approval on record, and as the Staff related to this matter no longer work for the Shire, further information cannot be obtained.</i></p>
16/12/2010	The applicant advised Council he shall speak to the State Administrative Tribunal
7/1/2011	Applicant provided correspondence advising the Building Application was refused and that the option provided by Staff 30 days prior regarding either to retain the smaller shed or the larger shed was not undertaken by the applicant and therefore advise to remove the larger shed which was illegally built.
14/9/2011	'Building Notice' to pull down the illegal structure provided to applicant. Additional correspondence was also provided to grant temporary approval for accommodation on the property for 3 months, noting that 12 months may be permitted following a Building License for an approved dwelling having been

	granted on the lot.
9/11/2011	A Building application was made for a Metal Clad Dwelling.
21/11/2011	Application for Temporary Accommodation made by applicant.
7/3/2012	Planning application & Building approved for Metal Clad Dwelling.
	Temporary Accommodation Approval was also approved.
~~~ 9/8/2018 ~~~	Initiation of follow up of Compliance Matter (Building/Planning).

Since this period, there are no additional records which indicate why the matter was not further followed up, and why the Direction Notice was not followed through.

The applicant has constructed their dwelling on the property, and the existing sea container and two sheds remain on the property.

Officers have provided information as accurately as possible from Council records.

## CONSIDERATIONS

Strategic Community / Corporate Business Plan

<b>Theme Area 6</b>	<b>Governance &amp; Leadership</b>
<b>Outcome 5.2</b>	<b>The Shire of Northam council is a sustainable, responsive, innovative and transparent organisation</b>
<b>Objectives</b>	<b>Undertake our regulatory roles in a safe, open, accountable and respectful manner</b>

### Financial / Resource Implications

The applicable retrospective development application fee is \$441. At Council's discretion a Planning Infringement Notice (PIN) of \$500 may be issued in respect to the unauthorised works of property.

### Legislative Compliance

- Planning and Development (Local Planning Scheme) Regulations 2015
- Shire of Northam Local Planning Scheme No.6.

### 4.23 SEA CONTAINERS (SHIRE OF NORTHAM LOCAL PLANNING SCHEME NO.6):

**"4.23.1** *Development approval is required to relocate sea containers to any lot. Where approval is granted to the development and use, the sea container shall be constructed and upgraded to a standard that ensures the visual amenity of the area is not impacted. Where the*

*sea container would have an adverse impact on the amenity of the locality, the local government may refuse the application."*

- A retrospective application has been made by the applicant for the sea containers, and is assessed under Local Planning Policy 5 – Use Of Sea Containers & Other Similar Storage Containers. Recommended that conditions of Development Approval be provided to screening.

**"4.23.2** *Where an application for development approval is made for a sea container, the local government shall give notice in accordance with clause 64 of the deemed provisions."*

- Clause refers to the advertising of the proposal, see Stakeholder Engagement/Consultation.

#### Policy Implications

Local Planning Policy 5 – Use Of Sea Containers & Other Similar Storage Containers (LPP5)

#### Relevant Policy Implications/Considerations

#### 5.2 Rural Residential and Rural Smallholding Zones

*"The Local Government may grant temporary development approval for a period of up to 12 months, or permanent approval, for the use of sea containers or similar storage containers on any land zoned 'Rural Residential' or 'Rural Smallholding' subject to the following conditions:"*

The proposal seeks to vary 5.2 of LPP5, provisions for the Rural Residential and Rural Smallholding Zones, and is seeking permanent approval.

**5.2.1** *A maximum of one (1) sea container up to 6m in length per Certificate of Title;*

- The proposal seeks to vary this provision, with a 12m sea container. Their intended use is for domestic storage.

The proposal is otherwise consistent with LPP5, and relevant conditions including the painting/screening of the sea container is to be implemented as Conditions. An advice note shall be applied with respect to the applicant submitting a retrospective building permit to the Shire of Northam.

Local Planning Policy 24 – Outbuildings in the Rural Residential, Rural Smallholding & Rural Zones

#### Relevant Policy Implications/Considerations

5.1 – The property is 2.6Ha, and therefore LPP24 permits a maximum outbuilding size of 250m² and a maximum aggregate outbuilding area of 250m². Two outbuildings are located on the property, the existing approved outbuilding is 12m x 6m (72m²), while the outbuilding to which the retrospective development application is made is 20m x 12m (240m²). Therefore the applicant seeks development approval for an outbuilding of 240m² to an aggregate outbuilding area of 312m² on the property. It is noted that whilst the enclosed portion of the outbuilding is 144m², the 12m x 8m lean-to is assessed as floor area as it is over 30% of the enclosed roof area (LPP24 – 4.3.1).

5.2 – Within the Rural Residential Zone, Wall Heights of 4m and Ridge Heights of 5m are permitted. The applicant seeks to vary this to 4.5m Wall Height and 5.58m Ridge Height.

The proposal is otherwise consistent with LPP24, and an advice note shall be applied with respect to the applicant submitting a retrospective building permit to the Shire of Northam.

#### Stakeholder Engagement / Consultation

The proposal was advertised between the 21st September and the 8th October to landowners (6) opposite the proposal. No objections or submissions were received during the advertising period.

#### Risk Implications

- Reputational – Low
  - The proposal was advertised to adjoining landowners as per Local Planning Policy 20: Advertising of Planning Proposals, and no objections or submissions were received.
- Financial - Nil
- Compliance – Low
  - The applicant is required to submit retrospective building permit applications for the awnings, retrospective outbuilding & sea container following a determination.
- Legal – Low
  - Local Planning Policy 24 is a Policy made under the Shire of Northam Local Planning Scheme No.6 under the Planning and Development (Local Planning Schemes) Regulations 2015. A decision made by Officers under delegation or hereby made by Council has a Statutory Weight, where made on valid planning grounds. The application has been assessed against the relevant planning framework to which a recommendation has been prepared.

### OFFICER'S COMMENT

Given no objections were received and the application is otherwise consistent with the provisions of the Scheme (setbacks) and LPP5 and LPP24, Officers believe the proposal warrants approval.

As the oversized outbuilding is not enclosed for its full length, its visual impact is reduced in respect to the bulk of the outbuilding. Whilst the aggregate area and height exceeds the provisions of LPP24, it is noted that site characteristics assist in providing visual screening to the outbuilding, being street vegetation and the tree line of the adjoining creek line providing the visual buffer.

Whilst the sea container as proposed for permanent siting is not directly visible, to assist in providing a common visual aspect, it is recommended that the sea container on the property is painted in a colour complementary to the structures on the lot.

### RECOMMENDATION

That Council grants retrospective development approval to Natalie-Ann & Nigel Shaw as outlined in the Application received 19 September 2018 (P18092), and indicated on the approved plans, subject to the following conditions:

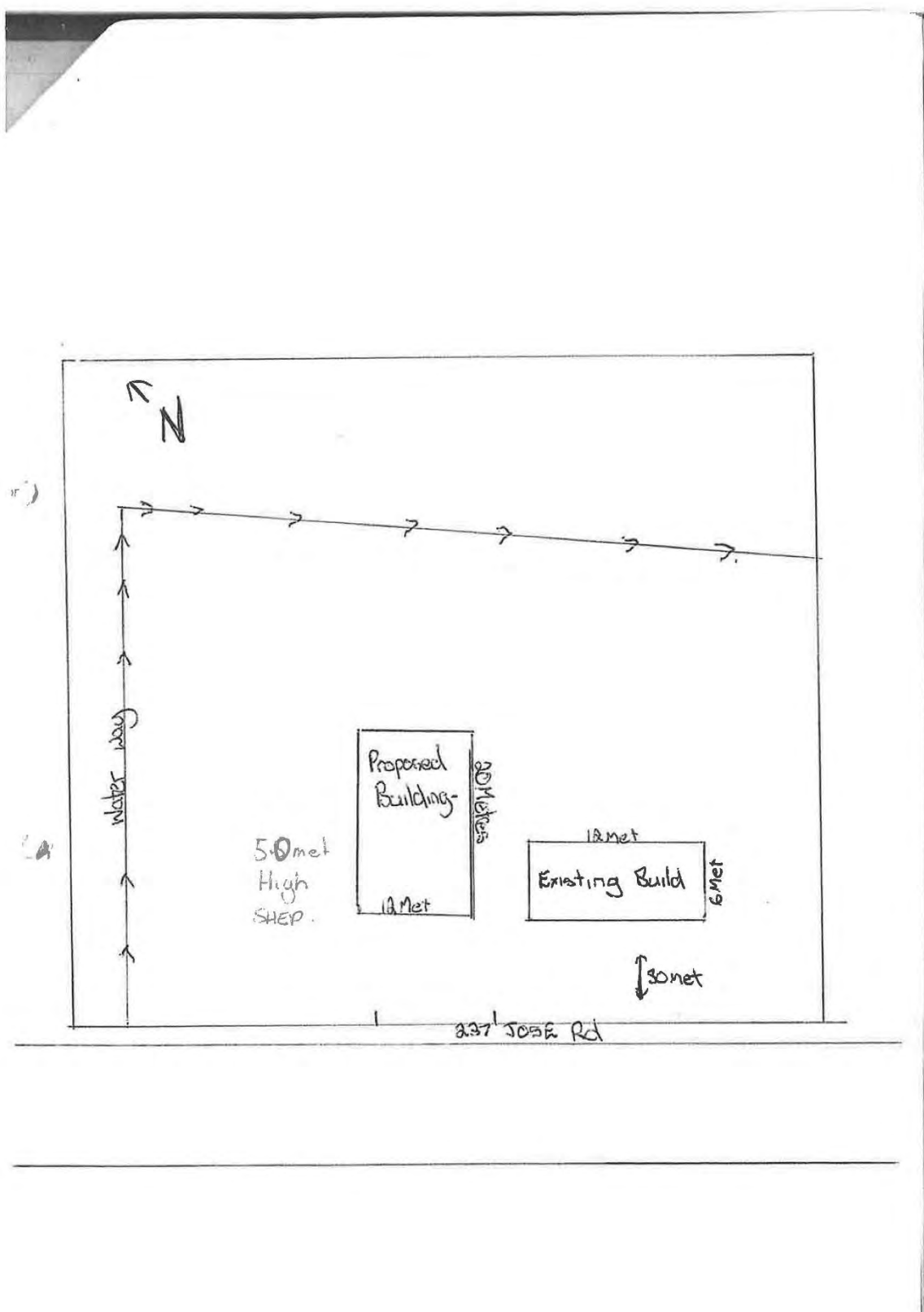
1. Use of the outbuilding shall be for domestic purposes only.
2. The sea container or other similar storage container to be used for domestic storage purposes only.
3. The outbuilding shall not be used for human habitation at any given time.
4. The stormwater shall be discharged in a manner so that there is no discharge onto the adjoining properties to the satisfaction of the local government.
5. Within 6 months, the sea container hereby permitted shall be painted in a colour scheme that is complementary to the existing structures on the property and shall be screened from view of adjoining properties.
6. Directs Staff to issue a Planning Infringement Notice in the name of the landowner, for the applicable penalty of \$500 under the Planning and Development Regulations 2009

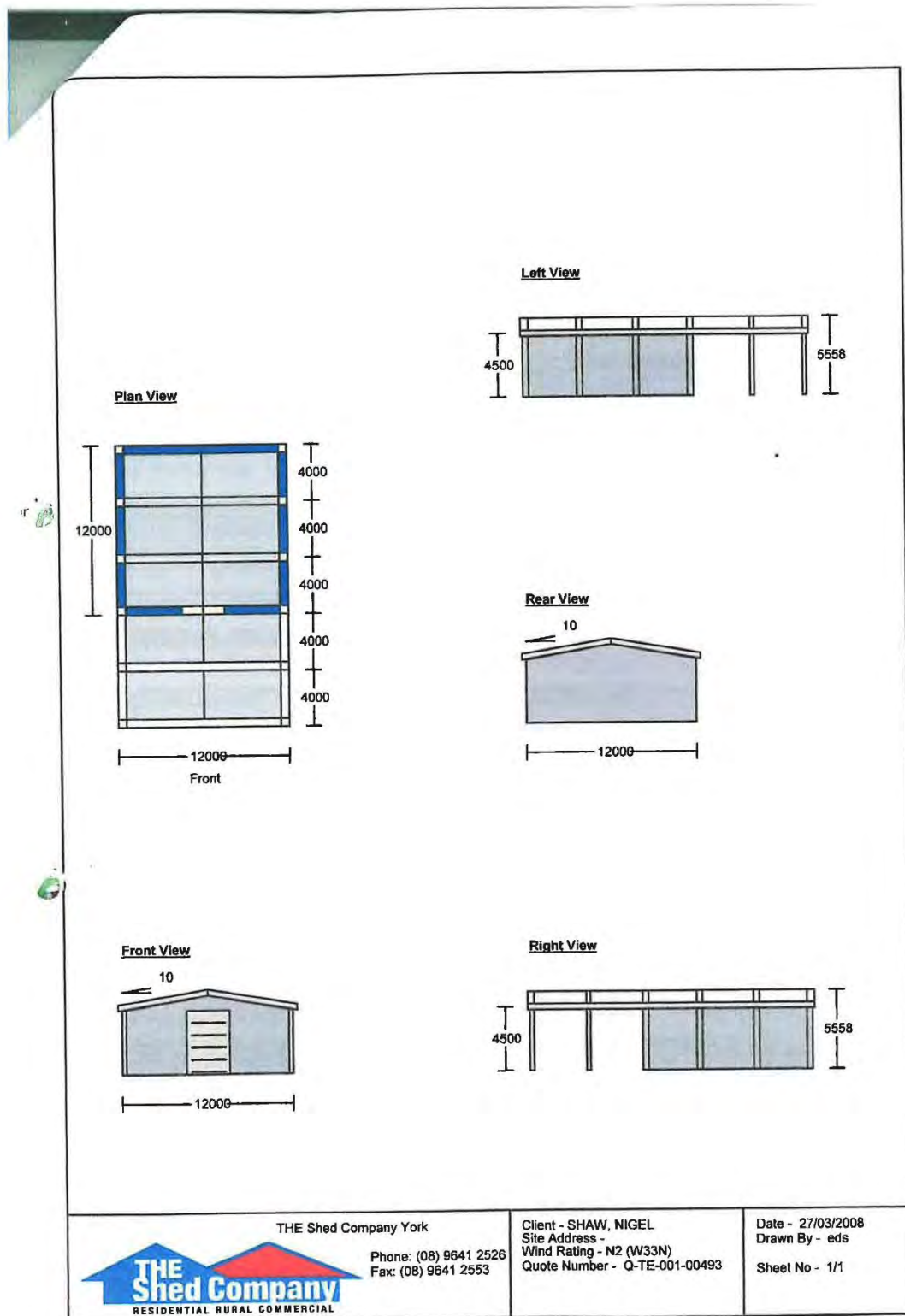
### ADVICE NOTES:

1. The applicant shall submit Building Permit Applications for the Oversize Outbuilding, Awnings (2) and Sea Container to the Local Government.









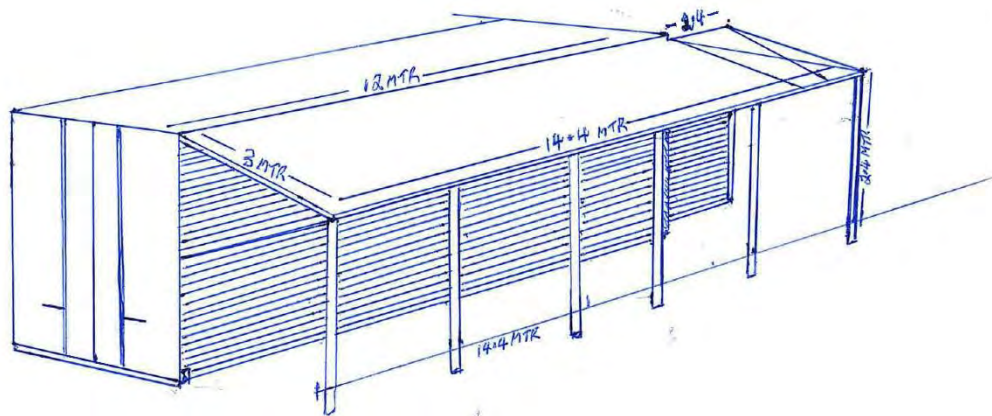








Horse Shelter off Sea Container







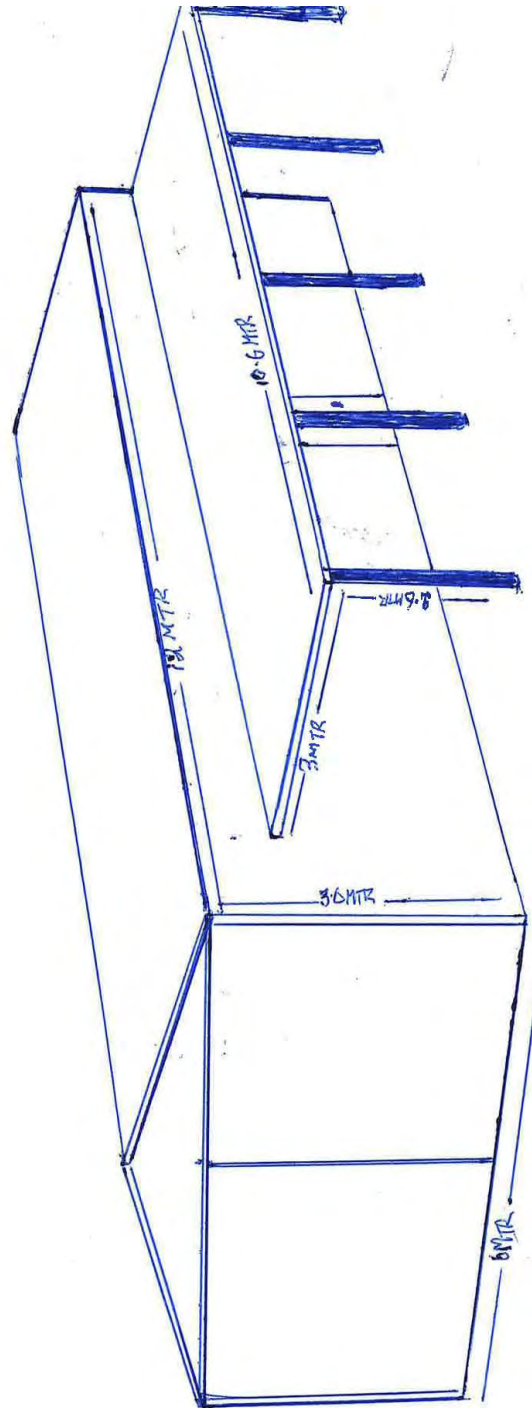






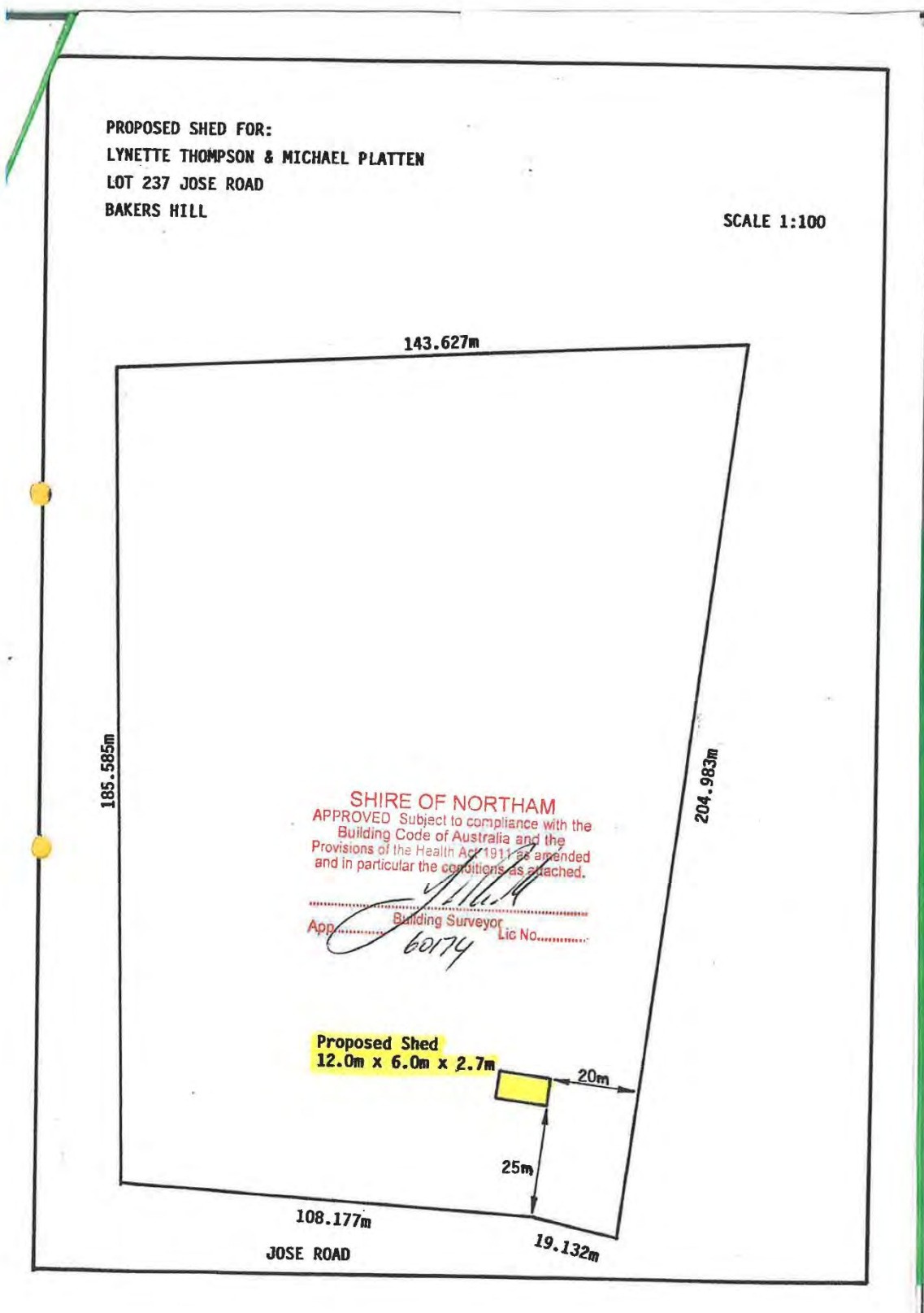


Shed Awning only.

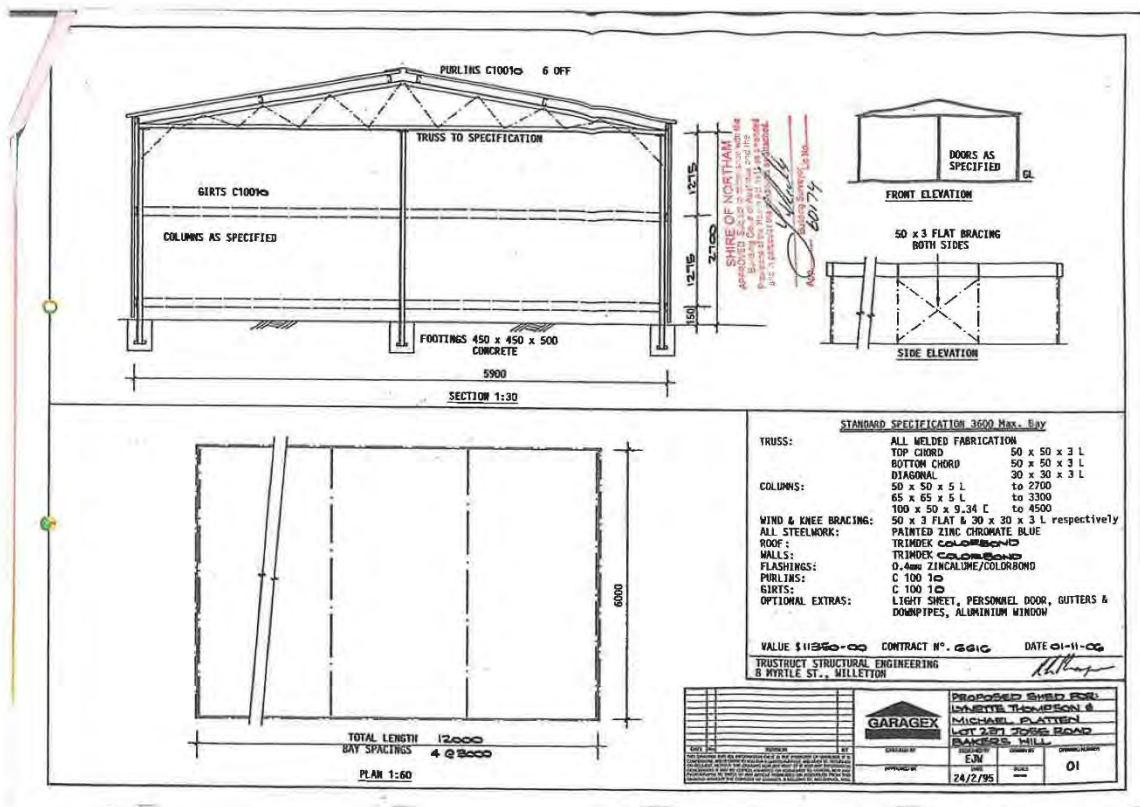












## 12.4 CORPORATE SERVICES

### 12.4.1 Accounts & Statements of Accounts – November 2018

Address:	N/A
Owner:	N/A
File Reference:	2.1.3.4
Reporting Officer:	Creditors Officer Kathy Scholz
Responsible Officer:	Colin Young Executive Manager Corporate Services
Voting Requirement	Simple Majority

#### BRIEF

For Council to receive the accounts for the period from 1st November 2018 to 30 November 2018

#### ATTACHMENTS

- Attachment 1: Accounts & Statements of Accounts – November 2018  
Attachment 2: Declaration.

#### BACKGROUND / DETAILS

The reporting of monthly financial information is a requirement under section 6.4 of the Local Government Act 1995, and Regulation 34 of the Local Government (Financial Management) Regulations.

Pursuant to Financial Management Regulation 13, a list of payments made from Municipal and Trust accounts is required to be presented to Council on a periodical basis. These details are included as Attachment 1. In accordance with Financial Management Regulation 12, the Chief Executive Officer has delegated authority to make these payments.

#### CONSIDERATIONS

Strategic Community / Corporate Business Plan

Objective G2: Improve organisational capability and capacity.

Strategy G2.3: Operate / manage organisation in a financially sustainable manner.

Financial / Resource Implications

Payments of accounts are in accordance with Council's 2018/2019 Budget.

### Legislative Compliance

Section 6.4 & 6.26(2) (g) of the Local Government Act 1995.  
Financial Management Regulations 2007, Regulation 12 & 13.

### Policy Implications

Nil.

### Stakeholder Engagement / Consultation

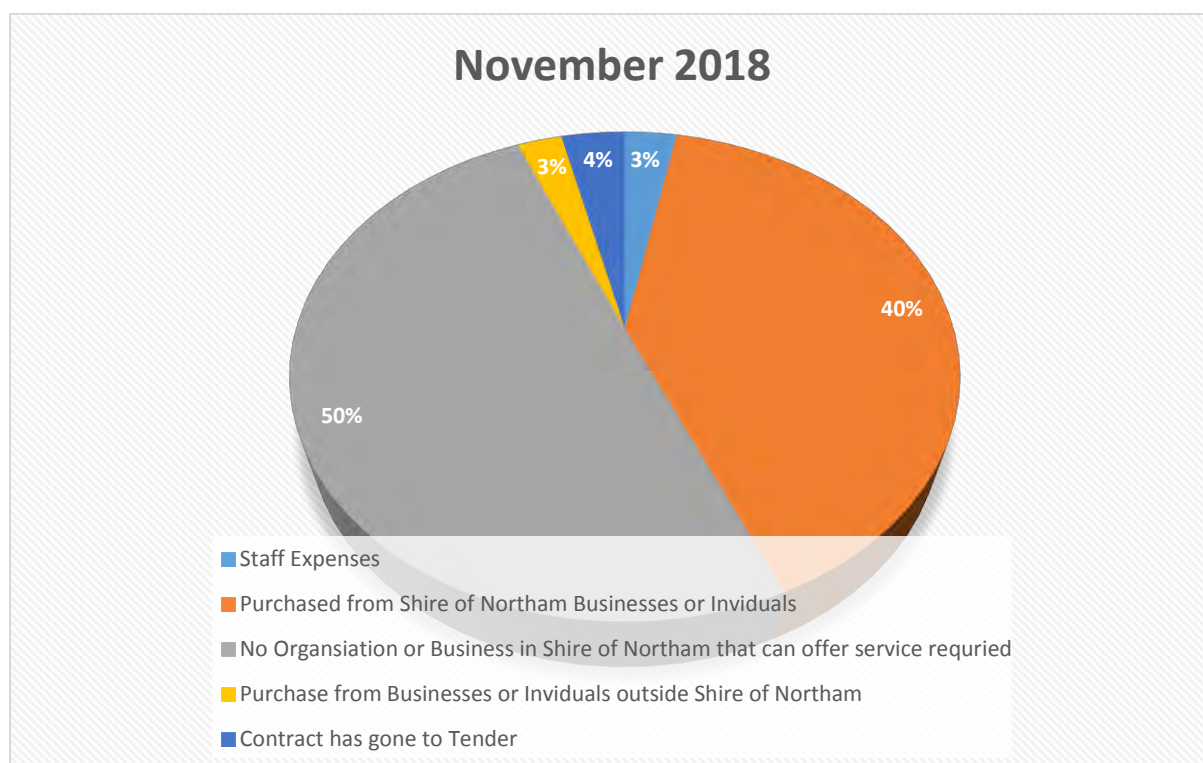
Not applicable.

### Risk Implications

Nil.

## OFFICER'S COMMENT

The matter of Council 'supporting local business' has been raised over a long period. To assist in providing a greater understanding of the purchasing patterns of the Shire of Northam, the following graph summarises the payments made locally for the month of November 2018;



## RECOMMENDATION

That Council endorse the payments for the period 1 November 2018 to 30 November 2018, as listed, which have been made in accordance with the delegated authority reference number (M/F/F/Regs LGA 1995 S5.42).

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Cheque /EFT No	Date	Name	Invoice Description	Bank Code	INV Amount	Amount
2048	28/11/2018	SHIRE OF NORTHAM	PAYMENT FOR COLLECTION OF BSL FEES ON BEHALF OF THE CONSTRUCTION TRAINING FUND FOR THE MONTH OF OCTOBER 2018.	2		206.00
INV T1080	28/11/2018	SHIRE OF NORTHAM	PAYMENT FOR COLLECTION OF BSL FEES ON BEHALF OF THE CONSTRUCTION TRAINING FUND FOR THE MONTH OF OCTOBER 2018.	2	140.00	
INV T1079	28/11/2018	SHIRE OF NORTHAM	PAYMENT FOR COLLECTION OF BCITF FEES ON BEHALF OF THE CONSTRUCTION TRAINING FUND FOR THE MONTH OF OCTOBER 2018.	2	66.00	
2049	28/11/2018	WHEATBELT MIDWIFERY GROUP PRACTICE	REFUND OF BOND FOR BOOKING #3660.	2		100.00
INV T1104	28/11/2018	WHEATBELT MIDWIFERY GROUP PRACTICE	REFUND OF BOND FOR BOOKING #3660.	2	100.00	
EFT31470	02/11/2018	ATTILA JOHN MENCSELYI	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1		2,071.49
INV OCTOBE31/10/2018		ATTILA JOHN MENCSELYI	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1	2,071.49	
EFT31471	02/11/2018	AUSSGROUP PTY LTD T/A AUSSPORT SCOREBOARDS	WIRELESS HANDHELD CONTROLLER PACKING, HANDLING AND FREIGHT	1		764.50
INV 0000249826/10/2018		AUSSGROUP PTY LTD T/A AUSSPORT SCOREBOARDS	SPARE POWER ADAPTER PLUG SOCKET WIRELESS HANDHELD CONTROLLER PACKING, HANDLING AND FREIGHT	1	764.50	
EFT31472	02/11/2018	AUSTRALIAN INSTITUTE OF BUILDING SURVEYORS	2018 WA CHAPTER CONFERENCE - SAM NEALE	1		1,155.00
INV 14577	16/10/2018	AUSTRALIAN INSTITUTE OF BUILDING SURVEYORS	2018 WA CHAPTER CONFERENCE - SAM NEALE	1	1,155.00	
EFT31473	02/11/2018	AUSTRALIAN SERVICES UNION	Payroll deductions	1		103.60
INV DEDUCT30/10/2018		AUSTRALIAN SERVICES UNION	Payroll deductions		103.60	
EFT31474	02/11/2018	AUSTRALIAN TAXATION OFFICE - PAYG	PAYG PAY RUN WEEK END 30/10/2018.	1		62,283.00
INV PAYG 3030/10/2018		AUSTRALIAN TAXATION OFFICE - PAYG	PAYG PAY RUN WEEK END 30/10/2018.	1	62,283.00	
EFT31475	02/11/2018	AUSTRALIAN TRAINING MANAGEMENT	CARRY OVER FROM PURCHASE ORDER 48247 - TRAINING FOR JARED WYNN	1		200.00



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INV 0001321509/08/2018		AUSTRALIAN TRAINING MANAGEMENT	CARRY OVER FROM PURCHASE ORDER 48247 - TRAINING FOR JARED WYNN	1	200.00	
EFT31476	02/11/2018	AVON DEMOLITION & EARTHMOVING	MANAGEMENT OF INKPEN WASTE MANAGEMENT FACILITY - 09/10/2018-22/10/2018	1		1,568.00
INV 0092	09/10/2018	AVON DEMOLITION & EARTHMOVING	MANAGEMENT OF INKPEN WASTE MANAGEMENT FACILITY - 09/10/2018-22/10/2018	1	1,568.00	
EFT31477	02/11/2018	AVON SERVICE SPECIALISTS	SUPPLY AND INSTALL SECONDARY FUEL FILTER TO FORD RANGER PN1710 - N79 CESM VEHICLE.	1		531.85
INV 15441	23/10/2018	AVON SERVICE SPECIALISTS	SUPPLY AND INSTALL SECONDARY FUEL FILTER TO FORD RANGER PN1710 - N79 CESM VEHICLE.	1	531.85	
EFT31478	02/11/2018	AVON SPICE CAFE	CATERING COUNCIL MEETING 17/10/2018	1		374.00
INV 063	17/10/2018	AVON SPICE CAFE	CATERING COUNCIL MEETING 17/10/2018	1	374.00	
EFT31479	02/11/2018	AVON WASTE	OLD QUARRY ROAD LANDFILL SITE JUL, AUG, SEP 2018	1		1,250.58
INV 0003112029/09/2018		AVON WASTE	OLD QUARRY ROAD LANDFILL SITE JUL, AUG, SEP 2018	1	1,250.58	
EFT31480	02/11/2018	BOOKTOPIA PTY LTD	BOOK ORDER FOR LIBRARY 2018	1		1,878.52
INV 8001093-124/10/2018		BOOKTOPIA PTY LTD	BOOK ORDER FOR LIBRARY 2018	1	1,878.52	
EFT31481	02/11/2018	BROOKLANDS SUPER PTY LTD	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1		1,500.00
INV OCTOBE31/10/2018		BROOKLANDS SUPER PTY LTD	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1	1,500.00	
EFT31482	02/11/2018	CADD'S FASHIONS	NAVY T-SHIRT WITH TRIPLE PRINTED SCREEN PRINT - SIZE S	1		2,635.50
INV 18-0000625/09/2018		CADD'S FASHIONS	NAVY T-SHIRT WITH TRIPLE PRINTED SCREEN PRINT - SIZE S	1	2,635.50	
EFT31483	02/11/2018	CARAVAN INDUSTRY ASSOCIATION WESTERN AUSTRALIA	1/2 PAGE IN CARAVAN & CAMPING WA	1		2,035.00
INV INV-936431/10/2018		CARAVAN INDUSTRY ASSOCIATION WESTERN AUSTRALIA	1/2 PAGE IN CARAVAN & CAMPING WA	1	2,035.00	

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EFT31484	02/11/2018	CARL PHILLIP DELLA	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1		1,905.73
INV OCTOBE31/10/2018		CARL PHILLIP DELLA	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1	1,905.73	
EFT31485	02/11/2018	CHADD HUNT	REIMBURSEMENT OF FUEL FOR N4030 - 21/10/2018	1		70.01
INV CH22/10/22/10/2018		CHADD HUNT	REIMBURSEMENT OF FUEL FOR N4030 - 21/10/2018	1	70.01	
EFT31486	02/11/2018	CHRIS DAVIDSON	COUNCILLOR PAYMENTS OCTOBER 2018	1		1,905.73
INV OCTOBE31/10/2018		CHRIS DAVIDSON	COUNCILLOR PAYMENTS OCTOBER 2018	1	1,905.73	
EFT31487	02/11/2018	CHRISTOPHER RICHARD ANTONIO	COUNCILLOR PAYMENTS OCTOBER 2018	1		5,505.16
INV OCTOBE31/10/2018		CHRISTOPHER RICHARD ANTONIO	COUNCILLOR PAYMENTS OCTOBER 2018	1	5,505.16	
EFT31488	02/11/2018	CLONTARF FOUNDATION	EDUCATION PRIZES & DONATIONS	1		200.00
INV RR30/10/30/10/2018		CLONTARF FOUNDATION	EDUCATION PRIZES & DONATIONS	1	200.00	
EFT31489	02/11/2018	COURIER AUSTRALIA	COURIER AUSTRALIA FREIGHT CHARGERS - 14/09/2018	1		1,024.86
INV 0375	12/10/2018	COURIER AUSTRALIA	COURIER AUSTRALIA FREIGHT CHARGES OCTOBER 2018	1	24.21	
INV 0371	14/09/2018	COURIER AUSTRALIA	COURIER AUSTRALIA FREIGHT CHARGERS - 14/09/2018	1	1,000.65	
EFT31490	02/11/2018	DATATEL ELECTRICAL & COMMUNICATIONS	AUDIT OF KILLARA TELCO SYSTEMS FOR MIGRATIONS TO NBN	1		2,184.60
INV 83088	31/10/2018	DATATEL ELECTRICAL & COMMUNICATIONS	AUDIT OF KILLARA TELCO SYSTEMS FOR MIGRATIONS TO NBN	1	2,184.60	
EFT31491	02/11/2018	DEPARTMENT OF FIRE & EMERGENCY SERVICE (DFES)	2018/2019 ESL IN ACCORDENCE WITH THE FIRE & EMERGENCY SERVICES ACT 1998 PART 6A EMERGENCY SERVICES LEVY - SECTION 36L & 36M	1		10,258.40
INV 148273	02/10/2018	DEPARTMENT OF FIRE & EMERGENCY SERVICE (DFES)	2018/2019 ESL IN ACCORDENCE WITH THE FIRE & EMERGENCY SERVICES ACT 1998 PART 6A EMERGENCY SERVICES LEVY - SECTION 36L & 36M	1	10,258.40	
EFT31492	02/11/2018	DEPARTMENT OF HOUSING	RATES OVERPAYMENT REFUND FOR ASSESSMENT AT SETTLEMENT A13010 4 HUNTER PLACE NORTHAM WA 6401	1		1,783.99

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INV A13010	22/10/2018	DEPARTMENT OF HOUSING	RATES OVERPAYMENT REFUND FOR ASSESSMENT AT SETTLEMENT A13010 4 HUNTER PLACE NORTHAM WA 6401		1,747.99	
INV A13010	22/10/2018	DEPARTMENT OF HOUSING	RATES REFUND FOR ASSESSMENT A13010 4 HUNTER PLACE NORTHAM WA 6401		36.00	
EFT31494	02/11/2018	DMC CLEANING	CLEANING OF VARIOUS SHIRE BUILDINGS - OCTOBER 2018.	1		5,096.12
INV SON013	26/09/2018	DMC CLEANING	CLEANING OF VARIOUS SHIRE BUILDINGS - OCTOBER 2018.	1	5,096.12	
EFT31495	02/11/2018	DURATEC AUSTRALIA PTY LTD	REFUND FOR TIP FEES. WASTE CAME BACK ABOVE CLASS 2 LANDFILL SITE CAPABILITIES. THE WASTE MUST GO TO RED HILL OR SIMILAR SO WE NEED TO REFUND \$9000 ALREADY PAID FOR CONTAMINATED SOIL FORM ARMY CAMP.	1		9,000.00
INV CS01/11/01/11/2018		DURATEC AUSTRALIA PTY LTD	REFUND FOR TIP FEES. WASTE CAME BACK ABOVE CLASS 2 LANDFILL SITE CAPABILITIES. THE WASTE MUST GO TO RED HILL OR SIMILAR SO WE NEED TO REFUND \$9000 ALREADY PAID FOR CONTAMINATED SOIL FORM ARMY CAMP.	1	9,000.00	
EFT31496	02/11/2018	EASIFLEET	Payroll deductions	1		2,136.31
INV DEDUCT30/10/2018		EASIFLEET	Payroll deductions		1,194.12	
INV DEDUCT30/10/2018		EASIFLEET	Payroll deductions		942.19	
EFT31497	02/11/2018	FM SURVEYS	CONTOUR & FEATURE SURVEY FOR LOT 297 (RESERVE 3308) YATES STREET BAKERS HILL FOR PROPOSED BUSHFIRE BRIGADE STATION PER EMAIL DATED 9/10/2018	1		1,650.00
INV 0002077318/10/2018		FM SURVEYS	CONTOUR & FEATURE SURVEY FOR LOT 297 (RESERVE 3308) YATES STREET BAKERS HILL FOR PROPOSED BUSHFIRE BRIGADE STATION PER EMAIL DATED 9/10/2018	1	1,650.00	
EFT31498	02/11/2018	FOCUS NETWORKS	AUDIT OF COUNCILS IT SYSTEMS AND PROCEDURES	1		2,420.00
INV 0000780718/10/2018		FOCUS NETWORKS	AUDIT OF COUNCILS IT SYSTEMS AND PROCEDURES	1	2,420.00	



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EFT31499	02/11/2018	FRANK DAVIS	STORY TELLING/DIDGERIDOO X \$100 2HRS	1		200.00
INV 52100	31/10/2018	FRANK DAVIS	STORY TELLING/DIDGERIDOO X \$100 2HRS	1	200.00	
EFT31500	02/11/2018	GLENN STUART BEVERIDGE	REMOVE DUMPED ASBESTOS SIMS ROAD	1		800.00
INV 16	17/10/2018	GLENN STUART BEVERIDGE	REMOVE DUMPED ASBESTOS SIMS ROAD	1	800.00	
EFT31501	02/11/2018	ISOBEL ROBERTS	LOGO EMBROIDERY 3 XBLOUSES 1XVEST 1XJACKET @ \$5.00 EACH	1		25.00
INV 19	31/10/2018	ISOBEL ROBERTS	LOGO EMBROIDERY 3 XBLOUSES 1XVEST 1XJACKET @ \$5.00 EACH	1	25.00	
EFT31503	02/11/2018	JOHN PROUD	COUNCILLOR PAYMENTS OCTOBER 2018	1		1,905.73
INV OCTOBE31/10/2018		JOHN PROUD	COUNCILLOR PAYMENTS OCTOBER 2018	1	1,905.73	
EFT31504	02/11/2018	JULIE ELLEN GREENFIELD WILLIAMS	COUNCILLOR PAYMENTS OCTOBER 2018	1		2,025.61
INV OCTOBE31/10/2018		JULIE ELLEN GREENFIELD WILLIAMS	COUNCILLOR PAYMENTS OCTOBER 2018	1	2,025.61	
EFT31505	02/11/2018	LGIS - LOCAL GOVERNMENT INSURANCE SERVICES	ADJUSTED MOTOR VEHICLE PREMIUM 17-18	1		1,150.09
INV 062-2019/29/10/2018		LGIS - LOCAL GOVERNMENT INSURANCE SERVICES	ADJUSTED MOTOR VEHICLE PREMIUM 17-18	1	1,150.09	
EFT31506	02/11/2018	MARKETFORCE	JOINT EMPLOYMENT ADVERT FOR MANAGER RECREATION SERVICES, CUSTOMER SERVICE / LICENSING OFFICER, HUMAN RESOURCES ASSISTANT, PLANT OPERATORS (SMALL AND HEAVY) AND SUPPORT WORKER	1		16,072.91
INV 22740	24/07/2018	MARKETFORCE	2x 1/4 PAGE AD FOR 2018 AVON RIVER FESTIVAL	1	1,227.72	
INV 23283	27/08/2018	MARKETFORCE	PUBLIC NOTICE - PROPOSED DISPOSAL OF LAND PURSUAN TO SECTION 3.58 (3) OF THE LOCAL GOVERNMENT ACT 1995 - LOT 881 (239) YILGARN AVE, MALABAIN	1	631.17	
INV 23846	25/09/2018	MARKETFORCE	PUBLIC NOTICE - LPP NO.9 AND LPP NO. 20 (NORTHAM AIRPORT DEVELOPMENT & ADVERTISING OF PLANNING PROPOSALS) DRAFT REVISED LPP AVAILABLE FOR INSPECTION	1	416.61	



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Cheque /EFT No	Date	Name	Invoice Description	Bank Code	INV Amount	Amount
INV 23850	25/09/2018	MARKETFORCE	ADVERTISEMENT - RFQ 7 OF 2018 PROVISION OD CONTRACT RANGER SERVICES AND MANAGEMENT OF SHIRE DOG POUND WEST AUSTRALIAN 26/09/2018	1	617.99	
INV 23839	25/09/2018	MARKETFORCE	MANAGER RECREATION SERVICES EMPLOYMENT ADVERTISEMENT - WEST AUSTRALIAN 1/09/2018	1	185.36	
INV 23851	25/09/2018	MARKETFORCE	MANAGER RECREATION SERVICES EMPLOYMENT ADVERTISEMENT - WEST AUSTRALIAN 1/09/2018	1	992.95	
INV 23838	25/09/2018	MARKETFORCE		1	185.36	
INV 23277	27/08/2018	MARKETFORCE		1	996.46	
INV 23281	27/08/2018	MARKETFORCE	EMPLOYMENT ADVERT POOL AND DUTY MANAGER - SEEK & ADVOCATE 22/08/2018	1	815.35	
INV 23282	27/08/2018	MARKETFORCE	NOTICE OF ADVERTISEMENT OF PLANNING PROPOSAL FORMER COMMERCIAL HOTEL - ADVOCATE 22/08/2018	1	262.44	
INV 23272	27/08/2018	MARKETFORCE	ADVERTISEMENT IN AVON VALLEY ADVOCATE ON 25/07/2018 FOR AVON DECENT ROAD CLOSURE	1	230.01	
INV 22736	24/07/2018	MARKETFORCE	ADVERTISEMENT OF SEEK FOR ICT OFFICER AND JOINT AD IN AVON VALLEY GAZETTE ON 29/06/2018 AND ADVOCATE ON 27/06/2018 FOR ICT OFFICER AND PLANT OPERATOR	1	484.00	
INV 23280	27/08/2018	MARKETFORCE	ADVERT FOR WALGA RFT 01/7/18 ADVOCATE 15/08/2018 & 22/08/2018	1	180.93	
INV 23278	27/08/2018	MARKETFORCE	ADVERT FOR WALGA RFT 01/7/18 ADVOCATE 15/08/2018 & 22/08/2018	1	122.96	
INV 23279	27/08/2018	MARKETFORCE	ROAD CLOSURE BKB OPENING ADVOCATE 08/08/2018	1	198.86	
INV 23276	27/08/2018	MARKETFORCE	PUBLIC NOTICE - PROPOSED LOCAL LAW (STANDING ORDERS) ADVOCATE AND WEST AUSTRALIAN 1/08/2018	1	203.57	
INV 23287	27/08/2018	MARKETFORCE	PUBLIC NOTICE - PROPOSED LOCAL LAW (STANDING ORDERS) ADVOCATE AND WEST AUSTRALIAN 1/08/2018	1	588.91	
INV 23845	25/09/2018	MARKETFORCE	EMPLOYMENT ADVERTISEMENT - SENIORS & DISABILITY SERVICES OFFICER SEEK & AVON VALLEY ADVOCATE 26/09/2018	1	544.16	

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INV 23848	25/09/2018	MARKETFORCE	EMPLOYMENT ADVERT FOR MANAGER RECREATION SERVICES WEST AUSTRALIAN 1/09/2018	1	1,380.14	
INV 23843	25/09/2018	MARKETFORCE	SEEK ADVERTISEMENTS POOL POSITIONS X3	1	556.08	
INV 23842	25/09/2018	MARKETFORCE	PUBLIC NOTICE, AVON VALLEY ADVOCATE 12/09/2018 - LATE OPENING	1	145.07	
INV 23840	25/09/2018	MARKETFORCE	JOINT EMPLOYMENT ADVERT FOR MANAGER RECREATION SERVICES, CUSTOMER SERVICE / LICENSING OFFICER, HUMAN RESOURCES ASSISTANT, PLANT OPERATORS (SMALL AND HEAVY) AND SUPPORT WORKER	1	3,202.85	
INV 23841	25/09/2018	MARKETFORCE		1	741.44	
INV 23844	25/09/2018	MARKETFORCE	EMPLOYMENT ADVERTISEMENT AVON VALLEY ADVOCATE 12/09/2018, POOL POSITIONS	1	1,162.52	
EFT31507	02/11/2018	MENTAL MEDIA PTY LTD	BKB CENTRE - PODCATCHER COMPUTER SUPPLY AND INSTALL	1		6,957.50
INV 1078	18/10/2018	MENTAL MEDIA PTY LTD	BKB CENTRE - PODCATCHER COMPUTER SUPPLY AND INSTALL	1	6,957.50	
EFT31508	02/11/2018	METRO BEVERAGE CO PTY LTD	DRINKS ORDER - SEE INVOICE ATTACHED	1		498.10
INV P006854426/09/2018		METRO BEVERAGE CO PTY LTD	DRINKS ORDER - SEE INVOICE ATTACHED	1	498.10	
EFT31509	02/11/2018	MICHAEL PATRICK RYAN	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1		2,843.23
INV OCTOBE31/10/2018		MICHAEL PATRICK RYAN	COUNCILLOR PAYMENTS FOR OCTOBER 2018	1	2,843.23	
EFT31510	02/11/2018	MINT CIVIL PTY LTD T/AS IMMACU SWEEP	SWEEPING OF THE TOWN CENTRE FOOTPATHS, SWEEPING & EDUCATION SERVICES 27/08/2018-02/09/2018	1		12,087.90
INV N2021	24/09/2018	MINT CIVIL PTY LTD T/AS IMMACU SWEEP	SWEEPING OF THE TOWN CENTRE FOOTPATHS, SWEEPING & EDUCATION SERVICES 10/09/2018-16/09/2018	1	4,029.30	
INV N2022	24/09/2018	MINT CIVIL PTY LTD T/AS IMMACU SWEEP	SWEEPING OF THE TOWN CENTRE FOOTPATHS, SWEEPING & EDUCATION SERVICES 17/09/2018-23/09/2018	1	4,029.30	
INV N2014	10/09/2018	MINT CIVIL PTY LTD T/AS IMMACU SWEEP	SWEEPING OF THE TOWN CENTRE FOOTPATHS, SWEEPING & EDUCATION SERVICES 27/08/2018-02/09/2018	1	4,029.30	
EFT31512	02/11/2018	NORTHAM BETTA ELECTRICAL	FRIDGE FOR COMMUNITY SERVICES - NEW OFFICE SPACE	1		925.00

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INV 2957264526/10/2018		NORTHAM BETTA ELECTRICAL	FRIDGE FOR COMMUNITY SERVICES - NEW OFFICE SPACE	1	886.00	
INV 2957264426/10/2018		NORTHAM BETTA ELECTRICAL	VAC BAGS (PKT OF 5) FOR KILLARA VACUUM	1	39.00	
EFT31513	02/11/2018	NORTHAM BOWLING CLUB INC	SENIOR SPORT FUNDING FOR RONALD PITTS	1		200.00
INV 7126	19/10/2018	NORTHAM BOWLING CLUB INC	SENIOR SPORT FUNDING FOR RONALD PITTS	1	100.00	
INV 7129	25/10/2018	NORTHAM BOWLING CLUB INC	SENIOR SPORT FUNDING FOR MAUREEN ALLERT	1	100.00	
EFT31514	02/11/2018	NORTHAM CLEANING SERVICE	WUNDOWIE LIBRARY. CLEANING FOR AUG 2018	1		5,679.00
INV INV-006001/08/2018		NORTHAM CLEANING SERVICE	WUNDOWIE DEPOT. CLEANING FOR JULY 2018	1	264.00	
INV INV-006001/09/2018		NORTHAM CLEANING SERVICE	WUNDOWIE DEPOT. CLEANING FOR AUG 2018	1	330.00	
INV INV-006101/10/2018		NORTHAM CLEANING SERVICE	WUNDOWIE DEPOT. CLEANING FOR SEP 2018	1	264.00	
INV INV-006001/08/2018		NORTHAM CLEANING SERVICE	WUNDOWIE LIBRARY. CLEANING FOR JULY 2018	1	1,232.00	
INV INV-006001/09/2018		NORTHAM CLEANING SERVICE	WUNDOWIE LIBRARY. CLEANING FOR AUG 2018	1	1,540.00	
INV INV-006101/10/2018		NORTHAM CLEANING SERVICE	WUNDOWIE LIBRARY. CLEANING FOR SEP 2018	1	1,232.00	
INV INV-006101/10/2018		NORTHAM CLEANING SERVICE	WUNDOWIE HALL. CLEANING FOR SEP 2018	1	817.00	
EFT31515	02/11/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	ASSISTANCE WITH RECOVERY DUE TO CRYPTO ATTACK	1		16,487.50
INV 23993	20/09/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	ASSISTANCE WITH RECOVERY DUE TO CRYPTO ATTACK	1	680.00	
INV 23969	06/09/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	ASSISTANCE WITH RECOVERY DUE TO CRYPTO ATTACK	1	12,915.00	
INV 23993A	20/09/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	ARRANGED WITH TELSTRA FOR CHANGES MPL, ALSO PLEASE CHECK COUNCILLORS FTP, CHECK THE PDF WILL NOT PRINT FROM AND MAILBOX ISSUES	1	807.50	
INV 24019	27/09/2019	PERFECT COMPUTER SOLUTIONS PTY LTD	MONTHLY BACKUP CHARGE & FIX SQL SERVER FOR INTRAMAPS.	1	340.00	
INV 24066	10/10/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	CHANGES TO USER NAMES, BKB AND REPAIRS TO FAULTY BACKUPS	1	595.00	
INV 24091	23/10/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	PLEASE REVIEW THE FOLLOWING: BACKUP DRIVES, SSL CERTIFICATE, REVIEW INTERNAL CORRESPONDENT ISSUES AND MAKE CHANGES TO SYNERGY AS DISCUSSED.	1	512.50	



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INV 23500	10/04/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	CHECK KILLARA REMOTE ACCESS AND VPN ISSUES INCLUDING RE-CONFIGURING THE EDGE ROUTER	1	637.50	
EFT31516	02/11/2018	PERMATHENE PTY LTD	MEIHOTECH C RING STAINLESS STEEL - BOX OF 1600.	1		7,600.14
INV 0000930502/10/2018		PERMATHENE PTY LTD	MEIHOTECH C RING STAINLESS STEEL - BOX OF 1600.	1	4,779.50	
INV 0000930402/10/2018		PERMATHENE PTY LTD	MEIHOTECH C RINGER - M500 (GABION) TOOL (AIR).	1	2,820.64	
EFT31517	02/11/2018	PFD FOOD SERVICES PTY LTD	STOCK FOR NORTHAM POOL	1		1,000.60
INV KM6476231/10/2018		PFD FOOD SERVICES PTY LTD	STOCK FOR NORTHAM POOL	1	1,000.60	
EFT31518	02/11/2018	ROBERT WAYNE TINETTI	COUNCILLOR PAYMENTS OCTOBER 2018	1		1,905.73
INV OCTOBE31/10/2018		ROBERT WAYNE TINETTI	COUNCILLOR PAYMENTS OCTOBER 2018	1	1,905.73	
EFT31519	02/11/2018	ROOGENIC - ROO TEA PTY LTD	BUSH FOODS SEE INVOICE ATTACHED	1		1,365.19
INV INV-160917/10/2018		ROOGENIC - ROO TEA PTY LTD	BUSH FOODS SEE INVOICE ATTACHED	1	1,365.19	
EFT31520	02/11/2018	SANDWELL ENTERPRISES PTY LTD	BUSH FOODS SEE INVOICE ATTACHED	1		494.70
INV 7218	17/10/2018	SANDWELL ENTERPRISES PTY LTD	BUSH FOODS SEE INVOICE ATTACHED	1	494.70	
EFT31521	02/11/2018	SPENCERS BROOK PROGRESS ASSOCIATION	COMMUNITY GRANTS 2018/2019	1		3,300.00
INV 0118/19	24/10/2018	SPENCERS BROOK PROGRESS ASSOCIATION	COMMUNITY GRANTS 2018/2019	1	3,300.00	
EFT31522	02/11/2018	STATE LAW PUBLISHER	GAZETAL OF SHIRE OF NORTHAM ACTIVITIES IN THOROUGHFARES AND PUBLIC PLACES AND TRADING 2ND AMENDMENT LOCAL LAW 2018 ON 28/9/18	1		495.48
INV 161665	02/11/2018	STATE LAW PUBLISHER	GAZETAL OF SHIRE OF NORTHAM ACTIVITIES IN THOROUGHFARES AND PUBLIC PLACES AND TRADING 2ND AMENDMENT LOCAL LAW 2018 ON 28/9/18	1	495.48	
EFT31523	02/11/2018	STEVEN BRUCE POLLARD	COUNCILLOR PAYMENTS OCTOBER 2018	1		1,905.73
INV OCTOBE31/10/2018		STEVEN BRUCE POLLARD	COUNCILLOR PAYMENTS OCTOBER 2018	1	1,905.73	
EFT31524	02/11/2018	STEWART & HEATON CLOTHING CO.PTY LTD	VBFB UNIFORMS	1		7,331.68



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INV SIN-293320/09/2018		STEWART & HEATON CLOTHING CO.PTY LTD	VBFB UNIFORMS	1	4,306.80	
INV SIN-293012/09/2018		STEWART & HEATON CLOTHING CO.PTY LTD	VBFB UNIFORMS	1	87.22	
INV SIN-293312/09/2018		STEWART & HEATON CLOTHING CO.PTY LTD	VBFB UNIFORMS	1	1,821.08	
INV SIN-293319/09/2018		STEWART & HEATON CLOTHING CO.PTY LTD	VBFB UNIFORMS	1	1,116.58	
EFT31525	02/11/2018	TERRY MATTHEW LITTLE	COUNCILLOR PAYMENTS OCTOBER 2018	1		2,012.29
INV OCTOBE31/10/2018		TERRY MATTHEW LITTLE	COUNCILLOR PAYMENTS OCTOBER 2018	1	2,012.29	
EFT31527	02/11/2018	VERLINDENS ELECTRICAL SERVICE (WA)	EMERGENCY REPAIR TO SCOREBOARD CONTROLLER	1		104.50
INV 88368	12/10/2018	VERLINDENS ELECTRICAL SERVICE (WA)	EMERGENCY REPAIR TO SCOREBOARD CONTROLLER	1	104.50	
EFT31528	02/11/2018	WA CONTRACT RANGER SERVICES	CONTRACT RANGER SERVICES FOR 15/10/18 - 29/10/18.	1		6,831.00
INV 01813	28/10/2018	WA CONTRACT RANGER SERVICES	CONTRACT RANGER SERVICES FOR 15/10/18 - 29/10/18.	1	6,831.00	
EFT31529	02/11/2018	WHEATBELT NATURAL RESOURCE MANAGEMENT	WEEKLY MAINTENANCE OF NORTHAM CEMETERY AS PER CONTRACT CEMETERY MAINTENANCE 2017-2019. \$432 + GST PER DAY - 3 DAYS PER WEEK FOR FINANCIAL YEAR 2018/2019. POSSESSION OF SITE FROM WEDNESDAY 6TH DECEMBER 2017 TO FRIDAY 6TH DECEMBER 2019.	1		5,702.40
INV 0030095416/10/2018		WHEATBELT NATURAL RESOURCE MANAGEMENT	WEEKLY MAINTENANCE OF NORTHAM CEMETERY AS PER CONTRACT CEMETERY MAINTENANCE 2017-2019. \$432 + GST PER DAY - 3 DAYS PER WEEK FOR FINANCIAL YEAR 2018/2019. POSSESSION OF SITE FROM WEDNESDAY 6TH DECEMBER 2017 TO FRIDAY 6TH DECEMBER 2019.	1	2,851.20	
INV 0030095312/10/2018		WHEATBELT NATURAL RESOURCE MANAGEMENT	WEEKLY MAINTENANCE OF NORTHAM CEMETERY AS PER CONTRACT CEMETERY MAINTENANCE 2017-2019. \$432 + GST PER DAY - 3 DAYS PER WEEK FOR FINANCIAL YEAR 2018/2019. POSSESSION OF SITE FROM WEDNESDAY 6TH DECEMBER 2017 TO FRIDAY 6TH DECEMBER 2019.	1	2,851.20	

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EFT31530	09/11/2018	EDITH COWAN UNIVERSITY	ACCOUNTING UNDERSTANDING COURSE FOR MILTON BROOKS FOR LATE PAYMENT FEE ONLY.	1		170.00
INV 1004017329	08/2018	EDITH COWAN UNIVERSITY	ACCOUNTING UNDERSTANDING COURSE FOR MILTON BROOKS FOR LATE PAYMENT FEE ONLY.	1	170.00	
EFT31531	09/11/2018	FIRM CONSTRUCTION PTY LTD	BUILDING CONSTRUCTION ABORIGINAL AND ENVIRONMENTAL INTERPRETIVE CENTRE	1		11,889.48
INV 0000152802	11/2018	FIRM CONSTRUCTION PTY LTD	BUILDING CONSTRUCTION ABORIGINAL AND ENVIRONMENTAL INTERPRETIVE CENTRE	1	11,889.48	
EFT31532	09/11/2018	GDR CIVIL CONTRACTING PTY LTD	CEMETERY EXTENSION LOT 2 - REMOVE KERB AS PER DRAWING	1		19,930.96
INV 1381	15/08/2018	GDR CIVIL CONTRACTING PTY LTD	CEMETERY EXTENSION LOT 2 - REMOVE KERB AS PER DRAWING	1	19,930.96	
EFT31533	09/11/2018	JUICEBOX	WEB CAMPAIGN LANDING PAGE WWW.NORTHAM.WA.GOV.AU/READYSETGO - DESIGN AND 1X REFINEMENT	1		22,825.00
INV JBC-117728	09/2018	JUICEBOX	WEB CAMPAIGN LANDING PAGE WWW.NORTHAM.WA.GOV.AU/READYSETGO - DESIGN AND 1X REFINEMENT	1	11,000.00	
INV JBC-118122	10/2018	JUICEBOX	INFOGRAPHIC FOR EDUCATION PROSPECTUS	1	825.00	
INV JBC-117728	09/2018	JUICEBOX	BRANDING SIGNAGE - ENTRY STATEMENTS, STREET BANNERS, RACETRACK SIGNAGE, EVENT BANNERS, NEW DEVELOPMENTS, VACANT SHOP, MAGAZINE ADVERT, FINAL DELIVERABLE/PACKAGED INDESIGN FILES	1	11,000.00	
EFT31534	09/11/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	FULL PAGE IN 2018 AVON DESCENT WRAP	1		6,699.74
INV 5317294	01/08/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	MONTHLY NEWSLETTER AVON VALLEY ADVOCATE	1	997.57	
INV 5443277	31/10/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	1/2 PAGE ADVERT FOR SENIORS WEEK MORNING TEA 2018	1	498.78	
INV 5317296	03/10/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	MONTHLY NEWSLETTER AVON VALLEY ADVOCATE	1	997.57	
INV 5317303	03/10/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	QUARTERLY REPORT - AVON VALLEY ADVOCATE - SEPTEMBER 2018	1	997.57	

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INV 5386743	01/08/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	FULL PAGE IN 2018 AVON DESCENT WRAP	1	1,451.00	
INV 5407488	01/08/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	PUBLIC NOTICE IN THE AVON VALLEY ADVOCATE ON 01/08/2018 FOR A SPECIAL COUNCIL MEETING ON 06/08/2018 FOR THE BUDGET ADOPTION	1	178.40	
INV 5405907	24/08/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	ONLINE MREC 1818	1	82.50	
INV 5317295	05/09/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	MONTHLY NEWSLETTER AVON VALLEY ADVOCATE FOR SEPTEMBER 2018.	1	997.57	
INV 5426062	19/09/2018	RURAL PRESS REGIONAL MEDIA (WA) PTY LTD	1/2 PAGE AD IN ADVOCATE FOR COMMUNITY CINEMAS VOLUNTEERS	1	498.78	
EFT31535	09/11/2018	SPECIALISED TREE SERVICE	NORTHAM YOUTH PRECINCT TREE WORKS TO BE CARRIED OUT AS PER TREE REPORT DATED 7/8/2018. ALL PRUNING AND REMOVALS AS SET OUT IN THE REPORT.	1		11,181.50
INV 2951	07/11/2018	SPECIALISED TREE SERVICE	NORTHAM YOUTH PRECINCT TREE WORKS TO BE CARRIED OUT AS PER TREE REPORT DATED 7/8/2018. ALL PRUNING AND REMOVALS AS SET OUT IN THE REPORT.	1	11,181.50	
EFT31536	13/11/2018	DEPARTMENT OF WATER AND ENVIRONMENT REGULATION	QUATERLY WASTE LEVY RETURN JULY-SEP 2018	1		11,771.03
INV CS31/10/31/10/2018		DEPARTMENT OF WATER AND ENVIRONMENT REGULATION	QUATERLY WASTE LEVY RETURN JULY-SEP 2018	1	11,771.03	
EFT31537	15/11/2018	A COUNTRY PRACTICE	CAT STERILISATION & MICRO-CHIP	1		1,200.00
INV M10226422/10/2018		A COUNTRY PRACTICE	CAT STERILISATION & MICRO-CHIP	1	1,200.00	
EFT31538	15/11/2018	ACCENT RUBBER STAMPS AND TROPHIES	PRE-INKED I-STAMP - INVOICE AUTHORISED FOR PAYMENT	1		348.45
INV 0006031024/10/2018		ACCENT RUBBER STAMPS AND TROPHIES	PRE-INKED I-STAMP - INVOICE AUTHORISED FOR PAYMENT	1	252.75	
INV 0006040801/11/2018		ACCENT RUBBER STAMPS AND TROPHIES	FINANCE STAMP FOR COMMUNITY SERVICES	1	95.70	



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EFT31539	15/11/2018	ADVANCED TRAFFIC MANAGEMENT (WA) PTY LTD	TRAFFIC MANAGEMENT (2 X TC'S) FOR PROFILE CORE BORING AT GLASS AVENUE, WELLINGTON STREET, BYFIELD STREET, CHARLES STREET ON THURSDAY 25TH OCTOBER 2018	1		1,355.48
INV 0012197526/10/2018		ADVANCED TRAFFIC MANAGEMENT (WA) PTY LTD	TRAFFIC MANAGEMENT (2 X TC'S) FOR PROFILE CORE BORING AT GLASS AVENUE, WELLINGTON STREET, BYFIELD STREET, CHARLES STREET ON THURSDAY 25TH OCTOBER 2018	1	792.83	
INV 0012165712/10/2018		ADVANCED TRAFFIC MANAGEMENT (WA) PTY LTD	PROVIDE TRAFFIC MANAGEMENT SERVICES TO ENABLE CORE SAMPLE TESTING AT THE FOLLOWING LOCATIONS FERMOY AVE, ROCKETT ST, RUSHTON CRES, CHIDLOW / BURGOYNE ROUNDABOUT, GORDON ST, SELBY ST.	1	562.65	
EFT31540	15/11/2018	AG IMPLEMENTS NORTHAM PTY LTD	CUTTING BLADES AND ASSESS BELT NOISE	1		1,116.47
INV 345294	09/10/2018	AG IMPLEMENTS NORTHAM PTY LTD	CUTTING BLADES AND ASSESS BELT NOISE	1	1,116.47	
EFT31541	15/11/2018	ALANA VENN	REIMBURSEMENT OF POLICE CLEARANCE	1		54.30
INV 2361582	31/10/2018	ALANA VENN	REIMBURSEMENT OF POLICE CLEARANCE	1	54.30	
EFT31542	15/11/2018	ALL-WAYS FOODS	STOCK PURCHASES FOR NORTHAM POOL.	1		687.21
INV 39773	31/10/2018	ALL-WAYS FOODS	STOCK PURCHASES FOR NORTHAM POOL.	1	687.21	
EFT31543	15/11/2018	ANDY'S PLUMBING SERVICE	REC CENTRE. REPLACE ANODES IN HOT WATER SERVICES.	1		3,740.00
INV A18191	30/10/2018	ANDY'S PLUMBING SERVICE	REC CENTRE. REPLACE ANODES IN HOT WATER SERVICES.	1	2,442.00	
INV A18190	30/10/2018	ANDY'S PLUMBING SERVICE	REC CENTRE. REPLACE PRESSURE RELIEF VALVES TO 4 X HOT WATER SYSTEMS.	1	1,298.00	
EFT31544	15/11/2018	APPLIED INDUSTRIAL TECHNOLOGIES T/A NORTHAM BEARINGS	TIE DOWN STRAPS	1		420.27
INV 6196717	09/10/2018	APPLIED INDUSTRIAL TECHNOLOGIES T/A NORTHAM BEARINGS	TIE DOWN STRAPS	1	100.32	
INV 6200911	16/10/2018	APPLIED INDUSTRIAL TECHNOLOGIES T/A NORTHAM BEARINGS	TIE DOWN STRAPS	1	157.40	



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INV 6206616	25/10/2018	APPLIED INDUSTRIAL TECHNOLOGIES T/A NORTHAM BEARINGS	2 X BELTS FOR PLATE COMPACTOR	1	12.28	
INV 6208798	30/10/2018	APPLIED INDUSTRIAL TECHNOLOGIES T/A NORTHAM BEARINGS	SHACKLES FOR ENGINEERING	1	3.19	
INV 6210460	01/11/2018	APPLIED INDUSTRIAL TECHNOLOGIES T/A NORTHAM BEARINGS	CARTON OF WD40.	1	147.08	
EFT31545	15/11/2018	AQUATIC SERVICES WA PTY LTD	SERVICING OF DOSING SYSTEM WUNDOWIE	1		1,760.00
INV AS#2017	15/10/2018	AQUATIC SERVICES WA PTY LTD	SERVICING OF DOSING SYSTEM WUNDOWIE	1	1,760.00	
EFT31546	15/11/2018	ASLAB PTY LTD	ASPHALT CORE SAMPLE TESTING FOR FERMOY AVE, RUSHTON CRES, ROCKETT STREET, CHIDLOW / BURGoyNE ROUND A BOUT.	1		2,253.79
INV 00021917	18/10/2018	ASLAB PTY LTD	PROFILE HOLE TESTING FOR GORDON STREET SLK 0.32 - 0.41	1	633.93	
INV 00021915	18/10/2018	ASLAB PTY LTD	ASPHALT CORE SAMPLE TESTING FOR FERMOY AVE, RUSHTON CRES, ROCKETT STREET, CHIDLOW / BURGoyNE ROUND A BOUT.	1	985.93	
INV 00021916	18/10/2018	ASLAB PTY LTD	PROFILE HOLE TESTING FOR SELBY STREET SLK 0.37 - 0.52.	1	633.93	
EFT31547	15/11/2018	AUSTRAL MERCANTILE COLLECTIONS PTY LTD	DEBT COLLECTION FEES FOR RATES	1		1,104.57
INV 85889	29/10/2018	AUSTRAL MERCANTILE COLLECTIONS PTY LTD	DEBT COLLECTION FEES FOR RATES	1	22.00	
INV 85864	29/10/2018	AUSTRAL MERCANTILE COLLECTIONS PTY LTD	DEBT COLLECTION FEES FOR RATES	1	1,082.57	
EFT31548	15/11/2018	AUSTRALIAN SERVICES UNION	Payroll deductions	1		103.60
INV DEDUCT13	11/2018	AUSTRALIAN SERVICES UNION	Payroll deductions		103.60	
EFT31549	15/11/2018	AUSTRALIAN TAXATION OFFICE - PAYG	PAYG PAY RUN WEEK END 13/11/2018.	1		61,552.00
INV PAYG 13	13/11/2018	AUSTRALIAN TAXATION OFFICE - PAYG	PAYG PAY RUN WEEK END 13/11/2018.	1	61,552.00	
EFT31550	15/11/2018	AUTOPRO NORTHAM	EXTERNAL CIR-CLIPS	1		30.58
INV 752366	31/10/2018	AUTOPRO NORTHAM	EXTERNAL CIR-CLIPS	1	30.58	

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EFT31551	15/11/2018	AVN NORTHAM PTY LTD T/AS AVON VALLEY NISSAN & MITSUBISHI	PN1602 - 15,000KM SERVICE BOOKED IN FOR 19 OCTOBER 2018	1		303.40
INV 320039	19/10/2018	AVN NORTHAM PTY LTD T/AS AVON VALLEY NISSAN & MITSUBISHI	PN1602 - 15,000KM SERVICE BOOKED IN FOR 19 OCTOBER 2018	1	303.40	
EFT31552	15/11/2018	AVON DEMOLITION & EARTHMOVING	MANAGEMENT OF INKPEN WASTE MANAGEMENT FACILITY - APPROX 30HR PER WEEK UP UNTIL 31 DECEMBER 2018.	1		1,568.00
INV 0093	23/10/2018	AVON DEMOLITION & EARTHMOVING	MANAGEMENT OF INKPEN WASTE MANAGEMENT FACILITY - APPROX 30HR PER WEEK UP UNTIL 31 DECEMBER 2018.	1	1,568.00	
EFT31553	15/11/2018	AVON MIDLAND COUNTRY ZONE OF WA LOCAL GOVERNMENT ASSOCIATION	MEMBERSHIP SUBSCRIPTION 2018/19	1		2,200.00
INV 0000031501	10/2018	AVON MIDLAND COUNTRY ZONE OF WA LOCAL GOVERNMENT ASSOCIATION	MEMBERSHIP SUBSCRIPTION 2018/19	1	2,200.00	
EFT31554	15/11/2018	AVON TOURISM INCORPORATED	3X 1 UNIT ADS (1/3 PAGE) IN 2019 DESTINATION PERTH HOLIDAY PLANNER	1		1,350.00
INV 2019 DPH01	11/2018	AVON TOURISM INCORPORATED	3X 1 UNIT ADS (1/3 PAGE) IN 2019 DESTINATION PERTH HOLIDAY PLANNER	1	1,350.00	
EFT31555	15/11/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	LEVEL LOT 16 AT THE AIRPORT	1		6,659.40
INV IV10298	03/08/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	PATH / DRIVEWAY CORRECTIONS ON 9 MITCHELL AVE. REMOVE & DISPOSE OF DRIVEWAY TO FIRST EXPANSION JOINT.	1	2,420.00	
INV IV10300	27/08/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	BR2 CRUSHER DUST	1	631.40	
INV IV10325	25/10/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	LEVEL LOT 16 AT THE AIRPORT	1	3,608.00	
EFT31556	15/11/2018	AVON WASTE	OLD QUARRY ROAD LANDFILL SITE MONTHLY MANAGEMENT FOR 12 MONTH PERIOD JULY 2018 TO JUNE 2019.	1		120,732.42
INV 31180	12/10/2018	AVON WASTE	RUBBISH COLLECTION FOR WE 12/10/2018.	1	37,028.41	
INV 0003127826	10/2018	AVON WASTE	OLD QUARRY ROAD LANDFILL SITE MONTHLY MANAGEMENT FOR 12 MONTH PERIOD JULY 2018 TO JUNE 2019.	1	46,734.38	

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INV 31277	26/10/2018	AVON WASTE	2 X 3210 (240L) DOMESTIC RUBBISH (TOWN) PER FORTNIGHT FOR OCT2018 TO DEC2018	1	36,969.63	
EFT31557	15/11/2018	BEAUREPAIRES	REPAIR TYRE FROM AIR COMPRESSOR	1		164.26
INV U52435215/10/2018		BEAUREPAIRES	REPAIR TYRE FROM AIR COMPRESSOR	1	84.47	
INV 6410238126/10/2018		BEAUREPAIRES	TYRE REPAIR ON JOHN DEERE TRACTOR	1	79.79	
EFT31558	15/11/2018	BROOKE JUPP	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		49.90
INV 1811081508/11/2018		BROOKE JUPP	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	49.90	
EFT31559	15/11/2018	CAMERON LOBB	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		54.30
INV 2415506 08/11/2018		CAMERON LOBB	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	54.30	
EFT31560	15/11/2018	CANNON HYGIENE AUSTRALIA PTY LTD	OLD ADMIN BUILDING UP STAIRS, INSTALL AND YEARLY SERVICE OF 1 X SANITARY BIN.	1		23.40
INV 9622154631/10/2018		CANNON HYGIENE AUSTRALIA PTY LTD	OLD ADMIN BUILDING UP STAIRS, INSTALL AND YEARLY SERVICE OF 1 X SANITARY BIN.	1	23.40	
EFT31561	15/11/2018	CJD EQUIPMENT PTY LTD	PART NUMBER V12727728 - BEARING (SLEAVE)	1		727.83
INV 1765151 17/10/2018		CJD EQUIPMENT PTY LTD	PART NUMBER V12727728 - BEARING (SLEAVE)	1	727.83	
EFT31562	15/11/2018	CLAYTON DICKSON	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		85.00
INV D329009/07/11/2018		CLAYTON DICKSON	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	85.00	
EFT31563	15/11/2018	COCA-COLA AMATIL (AUST) PTY LTD	STOCK FOR NORTHAM POOL OCTOBER 2018	1		1,413.30
INV 2186803031/10/2018		COCA-COLA AMATIL (AUST) PTY LTD	STOCK FOR NORTHAM POOL OCTOBER 2018	1	874.98	
INV 2187304707/11/2018		COCA-COLA AMATIL (AUST) PTY LTD	STOCK FOR NORTHAM POOL	1	538.32	
EFT31564	15/11/2018	CODE GROUP	CBD BUILDING & NORTHAM LIBRARY; LIBRARY ACCESS AUDIT & REPORT (REMAINING AREAS); DISABILITY ACTION PLAN;	1		4,620.00



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INV 3854	31/10/2018	CODE GROUP	CBD BUILDING & NORTHAM LIBRARY; LIBRARY ACCESS AUDIT & REPORT (REMAINING AREAS); DISABILITY ACTION PLAN;	1	4,620.00	
EFT31565	15/11/2018	COUNTRY COMFORTSTYLE NORTHAM	OFFICE FURNITURE FOR COMMUNITY SERVICES OFFICE	1		13,112.00
INV 5962	12/10/2018	COUNTRY COMFORTSTYLE NORTHAM	ENTERPRISE OFFICE CHAIR - ROSS RAYSON	1	400.00	
INV 6025	23/10/2018	COUNTRY COMFORTSTYLE NORTHAM	ENTERPRISE OFFICE CHAIR	1	400.00	
INV 59936	18/10/2018	COUNTRY COMFORTSTYLE NORTHAM	ARAGON OFFICE CHAIRS FOR PUBLIC COMPUTER ACCESS USE AT WUNDOWIE AND NORTHAM (BLUE)	1	1,701.00	
INV 6088	01/11/2018	COUNTRY COMFORTSTYLE NORTHAM	SELECTION OF OFFICE FURNITURE FOR COMMUNITY SERVICES OFFICE PLUS ASSEMBLY	1	2,999.00	
INV 6136	09/11/2018	COUNTRY COMFORTSTYLE NORTHAM	OFFICE FURNITURE FOR COMMUNITY SERVICES OFFICE	1	7,612.00	
EFT31566	15/11/2018	COURTNEY JUPP	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		44.10
INV 299054	31/10/2018	COURTNEY JUPP	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	44.10	
EFT31567	15/11/2018	COVS PARTS PTY LTD	VEHICLE GLOBES	1		11.88
INV 1690038521/08/2018		COVS PARTS PTY LTD	VEHICLE GLOBES	1	5.39	
INV 1690038521/08/2018		COVS PARTS PTY LTD	VEHICLE GLOBES	1	6.49	
EFT31568	15/11/2018	CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - RSL MEMORIAL HALL - 01/11/2018-30/11/2018	1		769.08
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - BERT HAWKE OVAL - 01/11/2018-30/11/2018	1	53.00	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - SES WAREHOUSE - 07/10/2018-31/10/2018	1	12.13	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - SES WAREHOUSE - 17/10/2018-31/10/2018	1	15.26	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - OLD GIRLS SCHOOL - 01/11/2018-30/11/2018	1	53.00	
INV CINS30516/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - RSL MEMORIAL HALL - 12/10/2018-31/10/2018	1	5.70	
INV CINS30516/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - RSL MEMORIAL HALL - 12/10/2018-31/11/2018	1	18.12	



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INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - SES ADMIN BUILDING - 01/11/2018-30/11/2018	1	87.96	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - SES WAREHOUSE - 01/11/2018-30/11/2018	1	87.96	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - SES ADMIN BUILDING - 17/10/2018-31/10/2018	1	12.13	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - REC CENTRE - 01/11/2018-30/11/2018	1	53.00	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - OLD RAILWAY STATION - 01/11/2018-30/11/2018	1	53.00	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - SWIMMING POOL - 01/11/2018-30/11/2018	1	53.00	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - WUNDÖWIE LIBRARY - 01/11/2018-30/11/2018	1	53.00	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - NORTHAM LIBRARY - 01/11/2018-30/11/2018	1	53.00	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - MORBY COTTAGE - 01/11/2018-30/11/2018	1	53.00	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - RSL MEMORIAL HALL - 01/11/2018-30/11/2018	1	90.56	
INV CINS30518/10/2018		CTI SECURITY SERVICES PTY LTD	ALARM MONITORING - SES ADMIN BUILDING - 17/10/2018-31/10/2018	1	15.26	
EFT31569	15/11/2018	CTI SECURITY SYSTEMS PTY LTD T/AS SECURUS	MEMORIAL HALL. REPAIR SECURITY SYSTEM AFTER ROOF LEAK FAULTED	1		422.50
INV 111932	12/10/2018	CTI SECURITY SYSTEMS PTY LTD T/AS SECURUS	MEMORIAL HALL. REPAIR SECURITY SYSTEM AFTER ROOF LEAK FAULTED	1	422.50	
EFT31570	15/11/2018	DDA GROUP CORPORATE COMMUNICATIONS PTY LTD T/A WAYFOUND	WAYFINDING AUDIT AS PER QUOTE	1		7,865.00
INV 9256	11/10/2018	DDA GROUP CORPORATE COMMUNICATIONS PTY LTD T/A WAYFOUND	WAYFINDING AUDIT AS PER QUOTE	1	7,865.00	
EFT31571	15/11/2018	DEBBIE BEAUMONT	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		41.50
INV 38623	27/10/2018	DEBBIE BEAUMONT	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	41.50	

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EFT31572	15/11/2018	DEPARTMENT OF HOUSING	RATES REFUND FOR ASSESSMENT A12456 7 PERINA WAY NORTHAM 6401- PAID BY DEPARTMENT OF HOUSING ON SOLD PROPERTY	1		1,310.18
INV A12456	08/11/2018	DEPARTMENT OF HOUSING	RATES REFUND FOR ASSESSMENT A12456 7 PERINA WAY NORTHAM 6401- PAID BY DEPARTMENT OF HOUSING ON SOLD PROPERTY		1,310.18	
EFT31573	15/11/2018	EASIFLEET	Payroll deductions	1		2,269.90
INV DEDUCT13	11/2018	EASIFLEET	Payroll deductions		1,194.12	
INV DEDUCT13	11/2018	EASIFLEET	Payroll deductions		1,075.78	
EFT31574	15/11/2018	ELDERS LIMITED	GLYPHOSATE 20L	1		561.00
INV C3 95217	19/10/2018	ELDERS LIMITED	GLYPHOSATE 20L	1	561.00	
EFT31575	15/11/2018	EMMA O'DRISCOLL	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		54.30
INV 2371070	08/11/2018	EMMA O'DRISCOLL	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	54.30	
EFT31576	15/11/2018	ENVIRONMENTAL HEALTH AUSTRALIA	ENVIRONMENTAL HEALTH AUSTRALIA (EHA) NATIONAL CONFERENCE 2018 - ONE DAY - WEDNESDAY 31 OCTOBER 2018 - CHIQUITA DOS REIS	1		395.00
INV 3588	29/10/2018	ENVIRONMENTAL HEALTH AUSTRALIA	ENVIRONMENTAL HEALTH AUSTRALIA (EHA) NATIONAL CONFERENCE 2018 - ONE DAY - WEDNESDAY 31 OCTOBER 2018 - CHIQUITA DOS REIS	1	395.00	
EFT31577	15/11/2018	FOOD SAFETY WA	REGULATORY FOOD SAFETY AUDIT - KILLARA KITCHEN	1		770.00
INV 000378	07/11/2018	FOOD SAFETY WA	REGULATORY FOOD SAFETY AUDIT - KILLARA KITCHEN	1	770.00	
EFT31578	15/11/2018	FRESH START RECOVERY PROGRAMME	BBQ FOR HALLOWEEN MOVIE NIGHT (27 OCTOBER 2018).	1		350.00
INV 0029135123	13/10/2018	FRESH START RECOVERY PROGRAMME	BBQ FOR HALLOWEEN MOVIE NIGHT (27 OCTOBER 2018).	1	350.00	
EFT31579	15/11/2018	FRONTLINE FIRE & RESCUE EQUIPMENT	UNIFORMS	1		16,202.64

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INV 62022	26/10/2018	FRONTLINE FIRE & RESCUE EQUIPMENT	REPLACEMENT TANK VISION GUAGE FOR BAKERS HILL 2.4	1	642.13	
INV 62025	26/10/2018	FRONTLINE FIRE & RESCUE EQUIPMENT	WHITE PACIFIC BR9 MULTIPURPOSE WIDE BRIM BUSHFIRE HELMET, WITH NECKFLAP, CLIP ON VISOR	1	5,986.75	
INV 62015	25/10/2018	FRONTLINE FIRE & RESCUE EQUIPMENT	HI VIS LIME VEST, ZIP UP, C/W "FCO" RED TEXT FRONT & REAR AND REFLECTIVE TAPE	1	660.00	
INV 62013	25/10/2018	FRONTLINE FIRE & RESCUE EQUIPMENT	UNIFORMS	1	8,913.76	
EFT31580	15/11/2018	GDR CIVIL CONTRACTING PTY LTD	RE-SURVEY OF KERB AT STAGE 2 OF CEMETERY	1		1,100.00
INV 1417	26/10/2018	GDR CIVIL CONTRACTING PTY LTD	RE-SURVEY OF KERB AT STAGE 2 OF CEMETERY	1	1,100.00	
EFT31581	15/11/2018	GLENN STUART BEVERIDGE	BERT HAWKE PAVILION. PRESSURE WASH EXTERNAL VERANDAH AND SECURITY SCREENS. PRIOR TO PEST SPRAY.	1		3,674.00
INV 31	07/11/2018	GLENN STUART BEVERIDGE	NORTHAM POOL. REPAIR FENCES X 4 AND INSTALL NEW HASP AND STAPLE TO GATES. AFTER BREAKIN.	1	308.00	
INV 33	07/11/2018	GLENN STUART BEVERIDGE	NORTHAM POOL. PAINT WALLS IN CHANGEROOMS AS PER SITE VISIT.	1	418.00	
INV 34	07/11/2018	GLENN STUART BEVERIDGE	SOUND SHELL. PRESSURE CLEAN BACK OF THE SOUND SHELL AND SLIDING DOORS. CLEANOUT TRACKS AND LOCK DOORS BACK INTO PLACE.	1	330.00	
INV 35	07/11/2018	GLENN STUART BEVERIDGE	BERT HAWKE PAVILION. PRESSURE WASH EXTERNAL VERANDAH AND SECURITY SCREENS. PRIOR TO PEST SPRAY.	1	1,078.00	
INV 24	07/11/2018	GLENN STUART BEVERIDGE	TOWN HALL. REFIX SKIRTING BOARDS TO LEFT HAND SIDE OF MAIN HALL NEAR STAGE.	1	143.00	
INV 23	07/11/2018	GLENN STUART BEVERIDGE	RSL MEMORIAL HALL. INSPECT CEILINGS THAT HAVE DROPPED AND PROVIDE REPORT/QUOTE ON REPAIRS.	1	132.00	
INV 36	07/11/2018	GLENN STUART BEVERIDGE	REPAIR FIRE DOOR IN KITCHEN (DOOR GETS STUCK) MEETING ROOM 2 EXIT DOOR HANDLE	1	231.00	
INV 25	07/11/2018	GLENN STUART BEVERIDGE	BLACK RUBBER ON BASKETBALL RING COURT 2 REPLACE HOOK ON BACK STORE ROOM DOOR.	1	484.00	
INV 26	07/11/2018	GLENN STUART BEVERIDGE	CEMETERY TOILETS. REMOVE STEEL CAGES FROM GARDEN BEDS AND INSTALL PAVERS TO TRAFFIC ISLAND.	1	220.00	
			FLUFFY DUCKLINGS. REPAIR AND REINSTALL SHADE SAIL.	1		



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INV 29	07/11/2018	GLENN STUART BEVERIDGE	BAKERS HILL PAVILION. REPAIR TO GLASS DOOR AFTER BREAK IN ATTEMPT. POLICE REFERENCE # 2110181530917	1	154.00	
INV 28	07/11/2018	GLENN STUART BEVERIDGE	REC CENTRE. RAILWAYS CHANGE ROOMS, EMERGENCY REPAIRS ON DOOR AFTER BREAK IN. POLICE REFERENCE # 201018084014778.	1	176.00	
EFT31582	15/11/2018	GRAFTON ELECTRICS	TURN LIGHTS ON EDGE OF JUBILEE OVAL	1		734.80
INV 5286	23/08/2018	GRAFTON ELECTRICS	TURN LIGHTS ON EDGE OF JUBILEE OVAL	1	561.00	
INV 5422	23/10/2018	GRAFTON ELECTRICS	REPAIR VACUUM PUMP NORTHAM POOL	1	173.80	
EFT31583	15/11/2018	GROVE WESLEY DESIGN ART	PRINTING OF NORTHAM BUMPER STICKERS X1000	1		1,166.00
INV 5262	31/10/2018	GROVE WESLEY DESIGN ART	PRINTING OF NORTHAM BUMPER STICKERS X1000	1	1,166.00	
EFT31584	15/11/2018	HOST AUTO REPAIRS	SOUTHERN BROOK 1/4 - ANNUAL SERVICE, PARTS & LABOUR	1		589.30
INV 62577	26/10/2018	HOST AUTO REPAIRS	SOUTHERN BROOK 1/4 - ANNUAL SERVICE, PARTS & LABOUR	1	589.30	
EFT31585	15/11/2018	HUMES WEMBLEY CEMENT	SUPPLY & DEILVER BOX CULVERTS 600 X 300 X 1220 X 112KN MRD FOR ALMOND AVE - AS PER QUOTE# 21283822.	1		13,541.09
INV 9406012624/10/2018		HUMES WEMBLEY CEMENT	SUPPLY & DEILVER BOX CULVERTS 600 X 300 X 1220 X 112KN MRD FOR ALMOND AVE - AS PER QUOTE# 21283822.	1	13,541.09	
EFT31586	15/11/2018	INTERFIRE AGENCIES PTY LTD T/A LOVETT FAMILY TRUST	VOLT AEROMAX MINI LED LIGHT BOX, BLUE FLANGE BASE WITH BLUE LENS 365MM NARVA - ITEM 85014B	1		2,698.82
INV INV-014629/10/2018		INTERFIRE AGENCIES PTY LTD T/A LOVETT FAMILY TRUST	809-001-WAF- 1000S AMP KIT 24VDC 60/100W WA FIRE PLEASE 3 BUTTON TRIAGE SWITCH, PA MIC AND SIREN TO BE PROGRAMMED TO DFES WA SPECS	1	1,328.88	
INV INV-012524/08/2018		INTERFIRE AGENCIES PTY LTD T/A LOVETT FAMILY TRUST	VOLT AEROMAX MINI LED LIGHT BOX, BLUE FLANGE BASE WITH BLUE LENS 365MM NARVA - ITEM 85014B	1	1,369.94	
EFT31587	15/11/2018	IXOM OPERATIONS PTY LTD	CHLORINE MONTHLY SERVICE FEE FOR TREATED 01/10/2018 TO 31/10/2018.	1		522.75
INV 6033388	31/10/2018	IXOM OPERATIONS PTY LTD	CHLORINE MONTHLY SERVICE FEE FOR TREATED 01/10/2018 TO 31/10/2018.	1	522.75	



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EFT31588	15/11/2018	JAIME ELIZABETH HAWKINS	OFFICE SUPPLIES FOR REIMBURSEMENT	1		15.00
INV RR0511205/11/2018		JAIME ELIZABETH HAWKINS	OFFICE SUPPLIES FOR REIMBURSEMENT	1	15.00	
EFT31589	15/11/2018	JENNIFER GRANT	REIMBURSEMENT OF LICENCING TRAINING EXPENSES.	1		220.72
INV CG0811208/11/2018		JENNIFER GRANT	REIMBURSEMENT OF LICENCING TRAINING EXPENSES.	1	220.72	
EFT31590	15/11/2018	JORDYN BUDAS	REIMBURSEMENT OF LICENCING TRAINING EXPENSES.	1		75.34
INV CY0811208/11/2018		JORDYN BUDAS	REIMBURSEMENT OF LICENCING TRAINING EXPENSES.	1	75.34	
EFT31591	15/11/2018	KLEENWEST DISTRIBUTORS	ASSORTED ITEMS FOR KILLARA DAY CENTRE & COTTAGE	1		489.39
INV 0003387210/10/2018		KLEENWEST DISTRIBUTORS	ASSORTED ITEMS FOR KILLARA DAY CENTRE & COTTAGE	1	373.89	
INV 0003417424/10/2018		KLEENWEST DISTRIBUTORS	ASSORTED CHEMICALS AND TOILET ROLLS FOR KILLARA	1	115.50	
EFT31592	15/11/2018	LEISURE INSTITUTE OF W A AQUATICS	LIWA COUNTRY CONFERENCE AND MEMBERSHIP FOR D.JUPP, T.MCMAHON,J.ROBERTS AND D.BEAUMONT	1		840.00
INV 2666	23/10/2018	LEISURE INSTITUTE OF W A AQUATICS	LIWA COUNTRY CONFERENCE AND MEMBERSHIP FOR D.JUPP, T.MCMAHON,J.ROBERTS AND D.BEAUMONT	1	840.00	
EFT31593	15/11/2018	LEMON MYRTLE FRAGRANCES	LEMON MYRTLE SKIN CARE PRODUCTS	1		233.81
INV INV-006520/10/2018		LEMON MYRTLE FRAGRANCES	LEMON MYRTLE SKIN CARE PRODUCTS	1	233.81	
EFT31594	15/11/2018	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA NSW	PERFORMANCE EXCELLANCE PROGRAM FY2018	1		6,545.00
INV 48250PE309/07/2018		LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA NSW	PERFORMANCE EXCELLANCE PROGRAM FY2018	1	6,545.00	
EFT31595	15/11/2018	MADDISON LOBB	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		54.30
INV 2415505 08/11/2018		MADDISON LOBB	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	54.30	
EFT31596	15/11/2018	META MAYA GROUP PTY LTD	JOINERY WORKS FOR THE GRAPHIC RIBBON AT THE BKB CENTRE (CONTRACT 9 OF NAEIC)	1		34,830.68

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INV 42001061	14/11/2018	META MAYA GROUP PTY LTD	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - JOINERY 01 (CABINETS)	1	8,172.45	
INV 42001060	14/11/2018	META MAYA GROUP PTY LTD	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - JOINERY 01 (CABINETS)	1	4,086.23	
INV 42001055	14/11/2018	META MAYA GROUP PTY LTD	JOINERY WORKS FOR THE GRAPHIC RIBBON AT THE BKB CENTRE (CONTRACT 9 OF NAEIC)	1	15,622.20	
INV 42001058	14/11/2018	META MAYA GROUP PTY LTD	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - JOINERY 02 (BATTENED SCREENS)	1	4,633.20	
INV 42001057	14/11/2018	META MAYA GROUP PTY LTD	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - JOINERY 02 (BATTENED SCREENS)	1	2,316.60	
EFT31597	15/11/2018	MICHAEL KOLENIUK	RATES CREDIT REFUND FOR ASSESSMENT A11658 211 MITCHELL AVENUE NORTHAM 6401	1		603.09
INV A11658	08/11/2018	MICHAEL KOLENIUK	RATES CREDIT REFUND FOR ASSESSMENT A11658 211 MITCHELL AVENUE NORTHAM 6401		603.09	
EFT31598	15/11/2018	MINT CIVIL PTY LTD T/AS IMMACU SWEEP	SWEEP PEEL TERRACE (MAIN ROADS)	1		211.20
INV N1970	30/07/2018	MINT CIVIL PTY LTD T/AS IMMACU SWEEP	SWEEP PEEL TERRACE (MAIN ROADS)	1	211.20	
EFT31599	15/11/2018	MR NATURALLY CLEAN	RAILWAY MUSEUM. AFTER HOURS SECURITY CALLOUT, 05/10/2018 AND 25/10/2018.	1		1,860.38
INV INV-109224	10/2018	MR NATURALLY CLEAN	OLD ADMIN BUILDING. CLEANING AS PER QUOTE QU-0139.	1	605.00	
INV INV-105909	10/2018	MR NATURALLY CLEAN	RAILWAY MUSEUM. AFTER HOURS SECURITY CALLOUT, 05/10/2018 AND 25/10/2018.	1	1,255.38	
EFT31600	15/11/2018	NAVMAN WIRELESS PTY LTD	SUBSCRIPTION SERVICE FEE FLEET TRACKING SYSTEM - 15/07/2018 TO 14/08/2018.	1		846.62
INV 91448262	15/10/2018	NAVMAN WIRELESS PTY LTD	SUBSCRIPTION SERVICE FEE FLEET TRACKING SYSTEM - 15/07/2018 TO 14/08/2018.	1	846.62	
EFT31602	15/11/2018	NORTHAM BETTA ELECTRICAL	HP AIO, PAVILION, 27 FHD TS (16:9 1920X1080), I5-7400T, 8GB (1X8GB), HDD 2TB, GT930MX 4GB, W10 HOME, DVDRW, 1YR WTY + WINDOWS 10 PRO UPGRADE	1		1,977.00

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INV 2957267707/11/2018		NORTHAM BETTA ELECTRICAL	2X PKT 5 VACUUM BAGS FOR KILLARA	1	78.00	
INV 19829	31/08/2018	NORTHAM BETTA ELECTRICAL	HP AIO, PAVILION, 27 FHD TS (16:9 1920X1080), I5-7400T, 8GB (1 X8GB), HDD 2TB, GT930MX 4GB, W10 HOME, DVD RW, 1YR WTY + WINDOWS 10 PRO UPGRADE	1	1,899.00	
EFT31603	15/11/2018	NORTHAM COUNTRY CLUB INC	COMMUNITY GRANTS 2018/2019	1		550.00
INV 50	09/10/2018	NORTHAM COUNTRY CLUB INC	COMMUNITY GRANTS 2018/2019	1	550.00	
EFT31604	15/11/2018	NORTHAM INDOOR HOCKEY ASSOCIATION	KIDSPORT FUNDING	1		160.00
INV KS0265131/10/2018		NORTHAM INDOOR HOCKEY ASSOCIATION	KIDSPORT FUNDING	1	50.00	
INV KS0266032/11/2018		NORTHAM INDOOR HOCKEY ASSOCIATION	KIDSPORT FUNDING	1	110.00	
EFT31605	15/11/2018	NORTHAM MITRE 10 SOLUTIONS	GARDENING ITEMS FOR COTTAGE	1		965.23
INV 1034671915/10/2018		NORTHAM MITRE 10 SOLUTIONS	SUPPLIES TO REPAIR FLOORBALL RINKS X 2	1	56.97	
INV 1034724617/10/2018		NORTHAM MITRE 10 SOLUTIONS	BAG OF CEMENT	1	92.50	
INV 1034656715/10/2018		NORTHAM MITRE 10 SOLUTIONS	NUTS AND BOLTS FOR TRACTOR	1	6.65	
INV 1034757718/10/2018		NORTHAM MITRE 10 SOLUTIONS	PAINT FOR MARKING VALVE BOXES	1	27.51	
INV 1034696716/10/2018		NORTHAM MITRE 10 SOLUTIONS	RETICULATION PARTS	1	26.74	
INV 1034900222/10/2018		NORTHAM MITRE 10 SOLUTIONS	GARDENING ITEMS FOR COTTAGE	1	393.95	
INV 1035190129/10/2018		NORTHAM MITRE 10 SOLUTIONS	PINK LINEMARKING PAINT	1	11.29	
INV 1035068326/10/2018		NORTHAM MITRE 10 SOLUTIONS	DENZO TAPE AND SANDPAPER	1	53.45	
INV 1035202529/10/2018		NORTHAM MITRE 10 SOLUTIONS	SEMI DWARF CITRUS	1	129.67	
INV 1034981024/10/2018		NORTHAM MITRE 10 SOLUTIONS	DWARF LIME TREES	1	55.10	
INV 1035602908/11/2018		NORTHAM MITRE 10 SOLUTIONS	PLANTS FOR CITIZENSHIP CEREMONY	1	10.93	
INV 1035221330/10/2018		NORTHAM MITRE 10 SOLUTIONS	BAGS OF CEMENT	1	55.50	
INV 1035540607/11/2018		NORTHAM MITRE 10 SOLUTIONS	LAWN FERILISER & WETTER SOIL FOR COTTAGE LAWNS	1	44.97	
EFT31606	15/11/2018	NORTHAM THEATRE GROUP INC	COMMUNITY GRANTS 2018/2019	1		3,000.00



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INV 0001181915/10/2018		NORTHAM THEATRE GROUP INC	COMMUNITY GRANTS 2018/2019	1	3,000.00	
EFT31607	15/11/2018	OFFICEWORKS SUPERSTORES PTY LTD	STATIONERY ITEMS FOR KILLARA	1		71.37
INV 4073444624/10/2018		OFFICEWORKS SUPERSTORES PTY LTD	STATIONERY ITEMS FOR KILLARA	1	71.37	
EFT31608	15/11/2018	OLLY'S CAR & FURNITURE UPHOLSTERY'S	SAFETY CABLE COVERS 2M	1		473.00
INV 3203	11/10/2018	OLLY'S CAR & FURNITURE UPHOLSTERY'S	SAFETY CABLE COVERS 2M	1	473.00	
EFT31609	15/11/2018	OXTER SERVICES	TOILETS CLEANING FOR OCT 2018	1		3,022.80
INV 20444	26/10/2018	OXTER SERVICES	TOILETS CLEANING FOR OCT 2018	1	2,296.80	
INV 20404	19/10/2018	OXTER SERVICES	REOPENING FOR THE BURIAL OF EVERLYN PEARL GREGSON 12/10/2018.	1	726.00	
EFT31610	15/11/2018	REGIONAL PHYSIOTHERAPY & SPORTS INJURY CLINIC & IN BALANCE FITNESS	SENIOR SPORT	1		220.00
INV 0025906	25/10/2018	REGIONAL PHYSIOTHERAPY & SPORTS INJURY CLINIC & IN BALANCE FITNESS	SENIOR SPORT	1	110.00	
INV 0026338	05/11/2018	REGIONAL PHYSIOTHERAPY & SPORTS INJURY CLINIC & IN BALANCE FITNESS	SENIOR SPORT	1	110.00	
EFT31611	15/11/2018	RIVERGUM VALLEY LAVENDER	PILLOW SPRAY 50ML	1		472.40
INV 0000030516/10/2018		RIVERGUM VALLEY LAVENDER	PILLOW SPRAY 50ML	1	472.40	
EFT31612	15/11/2018	SANTALEUCA FORRESTRY	STOCK PURCHASES FOR VISITORS CENTRE	1		236.21
INV 1082	07/11/2018	SANTALEUCA FORRESTRY	STOCK PURCHASES FOR VISITORS CENTRE	1	236.21	
EFT31613	15/11/2018	SGS AUSTRALIA PTY LTD	BIANNUAL OLD QUARRY ROAD WASTE FACILITY BORE MONITORING	1		1,172.60
INV NE0007226/10/2018		SGS AUSTRALIA PTY LTD	BIANNUAL OLD QUARRY ROAD WASTE FACILITY BORE MONITORING	1	1,172.60	
EFT31614	15/11/2018	SKILL HIRE WA PTY LTD	LABOUR HIRE FOR JACK DOWLING FOR P/E 21/10/2018.	1		3,311.77
INV AP5290726/10/2018		SKILL HIRE WA PTY LTD	LABOUR HIRE FOR JACK DOWLING FOR P/E 21/10/2018.	1	1,841.29	
INV AP52868917/10/2018		SKILL HIRE WA PTY LTD	LABOUR HIRE FOR JACK DOWLING FOR P/E 14 OCTOBER 2018.	1	1,470.48	



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EFT31615	15/11/2018	SOHAN ARIEL HAYES	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - MEDIA SOFTWARE PACKAGE A	1		7,040.00
INV 0000014908/08/2018		SOHAN ARIEL HAYES	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - MEDIA SOFTWARE PACKAGE A	1	7,040.00	
EFT31616	15/11/2018	SPECIALISED TREE SERVICE	TREE PRUNING, TREE REMOVAL & ASSOCIATED WORKS IN CLACKLINE & BAKERS HILL.	1		2,960.20
INV 2956	12/11/2018	SPECIALISED TREE SERVICE	TREE PRUNING, TREE REMOVAL & ASSOCIATED WORKS IN CLACKLINE & BAKERS HILL.	1	2,960.20	
EFT31617	15/11/2018	SPORTSPOWER NORTHAM	UNIFORMS FOR REC CENTRE.	1		1,110.00
INV 18-00012702/11/2018		SPORTSPOWER NORTHAM	UNIFORMS FOR REC CENTRE.	1	1,110.00	
EFT31618	15/11/2018	THELMA KAYE LIVINGSTONE	RATES CREDIT REFUND FOR ASSESSMENT A12124 14 THOMSON STREET NORTHAM WA 6401	1		2,128.14
INV A12124	13/11/2018	THELMA KAYE LIVINGSTONE	RATES CREDIT REFUND FOR ASSESSMENT A12124 14 THOMSON STREET NORTHAM WA 6401		2,128.14	
EFT31620	15/11/2018	VERNICE PTY LTD	INK PEN ROAD WASTE FACILITY FIRE BREAKS 2018	1		1,870.00
INV 6226	05/11/2018	VERNICE PTY LTD	INK PEN ROAD WASTE FACILITY FIRE BREAKS 2018	1	1,870.00	
EFT31621	15/11/2018	VODAFONE	HARVEST BAN LINE - 01/11/2018 TO 30/11/2018.	1		536.36
INV 1121573906/11/2018		VODAFONE	HARVEST BAN LINE - 01/11/2018 TO 30/11/2018.	1	536.36	
EFT31622	15/11/2018	WA CONTRACT RANGER SERVICES	RANGER SERVICES - ON CALL 13, 14 AND 15 JULY	1		781.00
INV 01713	08/09/2018	WA CONTRACT RANGER SERVICES	CAT MANGEMENT EXPENSE - AUGUST 2018	1	275.00	
INV 01660	16/07/2018	WA CONTRACT RANGER SERVICES	RANGER SERVICES - ON CALL 13, 14 AND 15 JULY	1	286.00	
INV 01834	02/11/2018	WA CONTRACT RANGER SERVICES	CAT MANGEMENT EXPENSE OCTOBER 2018	1	220.00	
EFT31623	15/11/2018	WA FARM TREES	PLANTS FOR GARDENS AROUND TOWN.	1		1,515.80
INV 2166	02/10/2018	WA FARM TREES	PLANTS FOR GARDENS AROUND TOWN.	1	1,515.80	

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EFT31624	15/11/2018	WARRICKS NEWSAGENCY	STATIONERY FOR ADMIN	1		762.30
INV 51946	31/10/2018	WARRICKS NEWSAGENCY	STATIONERY FOR ADMIN	1	671.60	
INV SN0000631	31/10/2018	WARRICKS NEWSAGENCY	COPIES OF NEWSPAPERS FOR ADMIN FOR OCTOBER 2018.	1	90.70	
EFT31625	15/11/2018	WESTWIDE AUTO ELECTRICS AND AIR CONDITIONING	IRISHTOWN 2.4 - DIAGNOSE & REPAIR FAULTY BEACON AND SIREN	1		1,180.40
INV 8299	31/10/2018	WESTWIDE AUTO ELECTRICS AND AIR CONDITIONING	IRISHTOWN 2.4 - DIAGNOSE & REPAIR FAULTY BEACON AND SIREN	1	1,180.40	
EFT31626	15/11/2018	WHEATBELT OFFICE & BUSINESS MACHINES	Brother MFC2720DW Drum DR2325	1		69.00
INV 24044	10/10/2018	WHEATBELT OFFICE & BUSINESS MACHINES	Brother MFC2720DW Drum DR2325	1	69.00	
EFT31628	15/11/2018	WILD EYED PRESS PTY LTD	STOCK PURCHASES FROM VISITORS CENTRE.	1		251.00
INV 0000226314	10/10/2018	WILD EYED PRESS PTY LTD	STOCK PURCHASES FROM VISITORS CENTRE.	1	251.00	
EFT31629	15/11/2018	WILLIAM RORY LINKE (DECD)	RATES CREDIT REFUND FOR ASSESSMENT A1807 167 SPENCERS BROOK-YORK ROAD MURESK WA 6401	1		1,153.90
INV A1807	13/11/2018	WILLIAM RORY LINKE (DECD)	RATES CREDIT REFUND FOR ASSESSMENT A1807 167 SPENCERS BROOK-YORK ROAD MURESK WA 6401		1,153.90	
EFT31630	15/11/2018	WUNDOWIE PROGRESS ASSOCIATION	ANNUAL ALLOCATION PROGRESS ASSOCIATION 2018/2019.	1		13,030.00
INV IV00000018	10/10/2018	WUNDOWIE PROGRESS ASSOCIATION	COMMUNITY GRANTS 2018/19	1	2,250.00	
INV IV00000018	10/10/2018	WUNDOWIE PROGRESS ASSOCIATION	ANNUAL ALLOCATION PROGRESS ASSOCIATION 2018/2019.	1	8,800.00	
INV IV00000018	10/10/2018	WUNDOWIE PROGRESS ASSOCIATION	AUSTRALIA DAY CELEBRATIONS 2018/2019.	1	1,980.00	
EFT31631	15/11/2018	XTREME ICE ARENA	KIDSPORT FUNDING	1		165.00
INV KS0264930	30/10/2018	XTREME ICE ARENA	KIDSPORT FUNDING	1	165.00	
EFT31632	15/11/2018	YOMBICH DESIGN	BALLARDONG BOODJA PAINTING FOR BKB CENTRE	1		1,610.00
INV 67890	23/10/2018	YOMBICH DESIGN	BALLARDONG BOODJA PAINTING FOR BKB CENTRE	1	1,610.00	

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EFT31633	19/11/2018	DAIMLER TRUCKS PERTH	SUPPLY ONE (1) 2018 CANTER 918 WIDE CAB FUSO FECX1GR3SFAD AMT LWB MODEL CAB/CHASSIS FITTED WITH BODY & ANCILLARY EQUIPMENT TO SHIRE REQUIREMENTS	1		87,945.00
INV S1471	31/10/2018	DAIMLER TRUCKS PERTH	SUPPLY ONE (1) 2018 CANTER 918 WIDE CAB FUSO FECX1GR3SFAD AMT LWB MODEL CAB/CHASSIS FITTED WITH BODY & ANCILLARY EQUIPMENT TO SHIRE REQUIREMENTS	1	87,945.00	
EFT31634	19/11/2018	STALLION BUILDING CO PTY LTD	SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS AS PER SPECIFICATIONS IN TENDER 4 OF 2018 - SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS.	1		36,630.00
INV 912	22/08/2018	STALLION BUILDING CO PTY LTD	SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS AS PER SPECIFICATIONS IN TENDER 4 OF 2018 - SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS.	1	36,630.00	
EFT31635	22/11/2018	DAVID SPARROW RED SAXGUY	BAND FOR SENIORS WEEK MORNING TEA	1		450.00
INV I1811150.15	11/2018	DAVID SPARROW RED SAXGUY	BAND FOR SENIORS WEEK MORNING TEA	1	450.00	
EFT31636	22/11/2018	DUNNING INVESTMENTS PTY LTD	FUEL CHARGES FOR OCTOBER 2018	1		28,381.78
INV OCTOBE31	10/2018	DUNNING INVESTMENTS PTY LTD	FUEL CHARGES FOR OCTOBER 2018	1	28,381.78	
EFT31637	22/11/2018	KENNARDS HIRE PTY LTD	SCISSORLIFT HIRE FOR BKB CENTRE TO FIT LIGHTING	1		1,509.00
INV 1972267318	09/2018	KENNARDS HIRE PTY LTD	SCISSORLIFT HIRE FOR BKB CENTRE TO FIT LIGHTING	1	1,509.00	
EFT31638	22/11/2018	SPECIALISED TREE SERVICE	TREE PRUNING, TREE REMOVAL & ASSOCIATED WORKS IN WUNDOWIE TOWNSITE.	1		19,940.50
INV 2957	19/11/2018	SPECIALISED TREE SERVICE	TREE PRUNING, TREE REMOVAL & ASSOCIATED WORKS IN WUNDOWIE TOWNSITE.	1	19,940.50	
EFT31639	22/11/2018	WRIGHT EXPRESS AUSTRALIA PTY LTD (PUMA ENERGY)	FUEL CHARGES - OCTOBER 2018.	1		1,537.84
INV 47	31/10/2018	WRIGHT EXPRESS AUSTRALIA PTY LTD (PUMA ENERGY)	FUEL CHARGES - OCTOBER 2018.	1	1,537.84	



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EFT31640	23/11/2018	A COUNTRY PRACTICE	CAT STERILISATION	1		150.00
INV M118658	08/11/2018	A COUNTRY PRACTICE	CAT STERILISATION	1	150.00	
EFT31641	23/11/2018	ABLE SALES	52CC TWO STROKE AUGER C/W 100MM, 150MM & 200MM AUGER BITS	1		390.00
INV 756699	13/11/2018	ABLE SALES	52CC TWO STROKE AUGER C/W 100MM, 150MM & 200MM AUGER BITS	1	390.00	
EFT31642	23/11/2018	ADAGE FURNITURE	40 CHAIRS (MEETING)	1		3,300.00
INV 13092	07/09/2018	ADAGE FURNITURE	40 CHAIRS (MEETING)	1	3,300.00	
EFT31643	23/11/2018	ALL-WAYS FOODS	STOCK FOR MORTHAM POOL	1		330.22
INV 40020	14/11/2018	ALL-WAYS FOODS	STOCK FOR MORTHAM POOL	1	330.22	
EFT31644	23/11/2018	ANDY'S PLUMBING SERVICE	BERNARD PARK TOILETS. URGENT CALL OUT DUE TO BLOCKED TOILET IN LADIES TOILET	1		291.50
INV A18207	13/11/2018	ANDY'S PLUMBING SERVICE	BERNARD PARK TOILETS. URGENT CALL OUT DUE TO BLOCKED TOILET IN LADIES TOILET	1	291.50	
EFT31645	23/11/2018	AQUATIC SERVICES WA PTY LTD	PRESEASON SERVICE NORTHAM POOL	1		5,940.00
INV AS#2017	015/10/2018	AQUATIC SERVICES WA PTY LTD	PRESEASON SERVICE NORTHAM POOL	1	5,940.00	
EFT31646	23/11/2018	ASHLEY BARNES	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION	1		54.30
INV CK15/11/15/2018		ASHLEY BARNES	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION	1	54.30	
EFT31647	23/11/2018	AUSTRALIA POST	POSTAGE FOR OCTOBER 2018-	1		4,442.77
INV 1007978203	11/2018	AUSTRALIA POST	POSTAGE FOR OCTOBER 2018-	1	4,442.77	
EFT31648	23/11/2018	AVON DEMOLITION & EARTHMOVING	MANAGEMENT OF INKPEN WASTE MANAGEMENT	1		1,568.00
INV 0094	18/10/2018	AVON DEMOLITION & EARTHMOVING	MANAGEMENT OF INKPEN WASTE MANAGEMENT	1	1,568.00	
EFT31649	23/11/2018	AVON PAPER SHRED	EMPTYING OF SHREDDER BIN - ADMIN	1		65.00
INV 1128	01/11/2018	AVON PAPER SHRED	EMPTYING OF SHREDDER BIN - ADMIN	1	65.00	



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EFT31650	23/11/2018	AVON VALLEY ARTS SOCIETY (INC)	SILVERHEART EARRINGS E-300 DBD	1		200.85
INV 0004871611	11/2018	AVON VALLEY ARTS SOCIETY (INC)	SILVERHEART EARRINGS E-300 DBD	1	200.85	
EFT31651	23/11/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	CRACKER DUST FOR BOX CULVERT	1		700.00
INV IV10342	07/11/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	CRACKER DUST FOR BOX CULVERT	1	700.00	
EFT31652	23/11/2018	BEAUREPAIRES	REPLACEMENT TYRE FOR PN1623 - 205/R16	1		246.35
INV 6410231823	10/2018	BEAUREPAIRES	REPLACEMENT TYRE FOR PN1623 - 205/R16	1	246.35	
EFT31653	23/11/2018	BELINGARNI FABRICATION HOME AND PROPERTY SERVICES	VERGE SLASHING AS DISCUSSED WITH EXECUTIVE SERVICES ENGINEERING MANAGER	1		2,557.50
INV 353	07/11/2018	BELINGARNI FABRICATION HOME AND PROPERTY SERVICES	VERGE SLASHING AS DISCUSSED WITH EXECUTIVE SERVICES ENGINEERING MANAGER	1	2,557.50	
EFT31654	23/11/2018	BLACKWELL PLUMBING PTY LTD	NORTHAM DEPOT. YEARLY BACKFLOW DEVICE TESTING.	1		528.00
INV INV-185131	10/2018	BLACKWELL PLUMBING PTY LTD	NORTHAM DEPOT. YEARLY BACKFLOW DEVICE TESTING.	1	528.00	
EFT31655	23/11/2018	BURGESS RAWSON (WA) PTY LTD	WATER & SEWERAGE MONTHLY RATES FOR DUMP POINT ON PEEL TCE FOR THE PERIOD 14/09/2018 TO 31/12/2018.	1		51.98
INV 2793	16/11/2018	BURGESS RAWSON (WA) PTY LTD	WATER & SEWERAGE MONTHLY RATES FOR DUMP POINT ON PEEL TCE FOR THE PERIOD 14/09/2018 TO 31/12/2018.	1	51.98	
EFT31656	23/11/2018	CIVIC LEGAL	Annual legal audit letters - Moore Stephens	1		275.00
INV 504145	08/10/2018	CIVIC LEGAL	Annual legal audit letters - Moore Stephens	1	275.00	
EFT31657	23/11/2018	CLACKLINE FENCING CONTRACTORS	REPAIR FENCE AT INKPEN ROAD WASTE MANAGEMENT FACILITY	1		300.00
INV 1191	13/11/2018	CLACKLINE FENCING CONTRACTORS	REPAIR FENCE AT INKPEN ROAD WASTE MANAGEMENT FACILITY	1	300.00	
EFT31658	23/11/2018	CLASSIC IT SUPPORT	SANDISK SSD PLUS, 240GB, SATA3, 2.5", 7MM READ UPTO 530MB/S, WRITE UPTO 440MB/S	1		96.00

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INV 8185	13/11/2018	CLASSIC IT SUPPORT	SANDISK SSD PLUS, 240GB, SATA3, 2.5", 7MM READ UPTO 530MB/S, WRITE UPTO 440MB/S	1	96.00	
EFT31659	23/11/2018	COCA-COLA AMATIL (AUST) PTY LTD	STOCK FOR NORTHAM NOOL	1		50.40
INV 2187304707/11/2018		COCA-COLA AMATIL (AUST) PTY LTD	STOCK FOR NORTHAM NOOL	1	50.40	
EFT31660	23/11/2018	CORAL EMILY LESLIE	RATES CREDIT REFUND FOR ASSESSMENT AT SETTLEMENT A1387 63 AUGUSTINI ROAD BAKERS HILL WA 6562	1		791.00
INV A1387	19/11/2018	CORAL EMILY LESLIE	RATES CREDIT REFUND FOR ASSESSMENT AT SETTLEMENT A1387 63 AUGUSTINI ROAD BAKERS HILL WA 6562		791.00	
EFT31661	23/11/2018	COUNTRY COPIERS NORTHAM	COLOUR COPIER SERVICE/METER READING- REC CENTRE	1		497.31
INV S7257	01/11/2018	COUNTRY COPIERS NORTHAM	COLOUR COPIER SERVICE/METER READING- REC CENTRE	1	497.31	
EFT31662	23/11/2018	COUNTRYWIDE GROUP	2X DPD CHLORINE 1 TABLETS	1		1,820.00
INV 26396	12/11/2018	COUNTRYWIDE GROUP	PREASSURE CLEANER (PW 235)	1	299.00	
INV 26433	15/11/2018	COUNTRYWIDE GROUP	POLE SAW CHAINS	1	144.00	
INV 26354	07/11/2018	COUNTRYWIDE GROUP	38 INCH CUTTING BLADES (HUSKY)	1	246.00	
INV 26428	14/11/2018	COUNTRYWIDE GROUP	REPLACE PTO CABLE HUSQVARNA RIDE ON MOWER.	1	110.00	
INV 26358	07/11/2018	COUNTRYWIDE GROUP	HUSQVARNA BLOWER	1	229.00	
INV 26435	15/11/2018	COUNTRYWIDE GROUP	2X DPD CHLORINE 1 TABLETS	1	792.00	
EFT31663	23/11/2018	COURIER AUSTRALIA	FREIGHT CHARGES - 05/09/2018-07/09/2018	1		274.52
INV 0370	07/09/2018	COURIER AUSTRALIA	FREIGHT CHARGES - 05/09/2018-07/09/2018	1	274.52	
EFT31664	23/11/2018	CTI SECURITY SYSTEMS PTY LTD T/AS SECURUS	SES BUILDING AND SHED. SUPPLY AND INSTALL 4G COMMUNICATORS TO MAIN BUILDING AND SHED, DUE TO NBN ROLLOUT.	1		845.00
INV 111971	17/10/2018	CTI SECURITY SYSTEMS PTY LTD T/AS SECURUS	SES BUILDING AND SHED. SUPPLY AND INSTALL 4G COMMUNICATORS TO MAIN BUILDING AND SHED, DUE TO NBN ROLLOUT.	1	422.50	

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INV 111972	17/10/2018	CTI SECURITY SYSTEMS PTY LTD T/AS SECURUS	SES BUILDING AND SHED. SUPPLY AND INSTALL 4G COMMUNICATORS TO MAIN BUILDING AND SHED, DUE TO NBN ROLLOUT.	1	422.50	
EFT31665	23/11/2018	DAMIAN'S PLUMBING	REPAIRS TO REUSE WATER LINE ON PEEL TERRACE	1		3,130.60
INV 3666	29/10/2018	DAMIAN'S PLUMBING	REPAIRS TO REUSE WATER LINE ON PEEL TERRACE	1	3,130.60	
EFT31666	23/11/2018	DUNCAN GROUP INTERNATIONAL - CLACKLINE VALLEY OLIVES	STOCK PURCHASES FOR VISITORS CENTRE	1		90.00
INV 0000285014/11/2018		DUNCAN GROUP INTERNATIONAL - CLACKLINE VALLEY OLIVES	STOCK PURCHASES FOR VISITORS CENTRE	1	90.00	
EFT31667	23/11/2018	ECHO NEWSPAPER	CHRISTMAS ON FITZGERALD 2018 1/2 PAGE AD	1		825.00
INV 0037178617/11/2018		ECHO NEWSPAPER	CHRISTMAS ON FITZGERALD 2018 1/2 PAGE AD	1	825.00	
EFT31668	23/11/2018	FLAT OUT FREIGHT *DO NOT USE*	PICK UP 1T BULKA BAGS FROM FULTON HOGAN AND DELIVER TO THE NORTHAM SHIRE DEPOT	1		372.00
INV 0000705101/08/2018		FLAT OUT FREIGHT *DO NOT USE*	PICK UP 1T BULKA BAGS FROM FULTON HOGAN AND DELIVER TO THE NORTHAM SHIRE DEPOT	1	372.00	
EFT31669	23/11/2018	FORMBYS LAWYERS	LAWYERS REQUESTED TO COMMENCE SALE DOCUMENTS FOR PROCON INDUSTRIES (NOT CONTINUED)	1		495.00
INV 3057	12/11/2018	FORMBYS LAWYERS	LAWYERS REQUESTED TO COMMENCE SALE DOCUMENTS FOR PROCON INDUSTRIES (NOT CONTINUED)	1	495.00	
EFT31670	23/11/2018	FRANK DAVIS	DIDGERIDOO/STORY TELLING/WELCOME TO COUNTRY @ \$100 FOR 3 HRS	1		500.00
INV 52239	09/11/2018	FRANK DAVIS	DIDGERIDOO/STORY TELLING/WELCOME TO COUNTRY @ \$100 FOR 3 HRS	1	300.00	
INV 0611201806/11/2018		FRANK DAVIS	STORY TELLING/ DIDGERIDOO @ \$100HR FOR 2HOURS	1	200.00	
EFT31671	23/11/2018	FULTON HOGAN INDUSTRIES PTY LTD	1T BULKA BAG OF COLDMIX	1		8,148.80
INV 1207427412/09/2018		FULTON HOGAN INDUSTRIES PTY LTD	1T BULKA BAG OF COLDMIX	1	2,816.00	



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INV 1220667325/10/2018		FULTON HOGAN INDUSTRIES PTY LTD	COLD MIX - PRODUCT CODE 128518 (CM07 170 GR) TO BE DELIVERED TO NORTHAM SHIRE DEPOT 116 PEEL TERRACE, NORTHAM	1	2,758.80	
INV 1204178131/08/2018		FULTON HOGAN INDUSTRIES PTY LTD	1000L EMULSION TO BE PICKED UP 3 AUGUST 2018	1	2,574.00	
EFT31672	23/11/2018	GALAXY ENTERPRISES	STOCK PURCHASES FOR VISITORS CENTRE	1		342.10
INV 2223	13/11/2018	GALAXY ENTERPRISES	STOCK PURCHASES FOR VISITORS CENTRE	1	342.10	
EFT31673	23/11/2018	GDR CIVIL CONTRACTING PTY LTD	2 DAY HIRE ON THE 12TH & 13TH SEPTEMBER 2018 OF TRUCK SIDE TIPPER FOR CHINGANNING ROAD WORKS.	1		5,544.00
INV 1414	18/10/2018	GDR CIVIL CONTRACTING PTY LTD	PICK UP MULTI TYRE ROLLER FROM MEENAAR NORTH ROAD AND MOVE TO SNOOKE ROAD	1	1,155.00	
INV 1399	13/09/2018	GDR CIVIL CONTRACTING PTY LTD	2 DAY HIRE ON THE 12TH & 13TH SEPTEMBER 2018 OF TRUCK SIDE TIPPER FOR CHINGANNING ROAD WORKS.	1	4,389.00	
EFT31674	23/11/2018	GLENN STUART BEVERIDGE	REPLACE SHADES SAILS NORTHAM SWIMMING POOL	1		7,110.00
INV 21	29/10/2018	GLENN STUART BEVERIDGE	REPLACE SHADE SAILS WUNDOWIE POOL	1	1,160.00	
INV 20	29/10/2018	GLENN STUART BEVERIDGE	REPLACE SHADES SAILS NORTHAM SWIMMING POOL	1	1,590.00	
INV 47	21/11/2018	GLENN STUART BEVERIDGE	VISITORS CENTRE. HIGHPRESSURE CLEAN OFF ALL GRAFFITI PAINT OFF OF WALLS, PATHS, POLES AND SIGNS. From police report #0111118100088331.	1	583.00	
INV 45	21/11/2018	GLENN STUART BEVERIDGE	WUNDOWIE TOILETS. REPAIR BROKEN TOILET CISTERN.	1	165.00	
INV 40	21/11/2018	GLENN STUART BEVERIDGE	EL CABALLO INN. PAINT DOORS FRAMES.	1	800.00	
INV 49	21/11/2018	GLENN STUART BEVERIDGE	BKB CENTRE. REFIX BOLLARD TO CONCRETE USING CHEMI ANCHOR.	1	99.00	
INV 41	21/11/2018	GLENN STUART BEVERIDGE	KILLARA RESPITE CARE BUILDING. SUPPLY AND INSTALL INTERCOM SHROUD AS PER SITE DISCUSSION.	1	300.00	
INV 39	19/11/2018	GLENN STUART BEVERIDGE	MORBY COTTAGE. REPAINT ALL FRONT BALLUSTRADES AND POSTS.	1	1,500.00	
INV 43	21/11/2018	GLENN STUART BEVERIDGE	KURINGAL VILLAGE, UNIT 8. REPAIR/REPLACE SLIDING DOOR LOCK.	1	66.00	
INV 44	21/11/2018	GLENN STUART BEVERIDGE	KURINGAL VILLAGE. CUT BACK ALL FRONT BOTTLE BRUSHES AS PER SITE DISCUSSION.	1	583.00	
INV 46	21/11/2018	GLENN STUART BEVERIDGE	GRAFFITI REMOVAL OLD WUARRY ROAD ENTRANCE SIGN.	1	99.00	



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INV 42	21/11/2018	GLENN STUART BEVERIDGE	ADMIN BUILDING. INSTALL PIN UP BOARDS, INSTALL TV BRACKET FIX CISTERN AND SHELVES.	1	165.00	
EFT31675	23/11/2018	GRAFTON ELECTRICS	OLD ADMIN. REPLACE ALL LIGHT GLOBES AND STARTERS.	1		3,927.28
INV 5431	25/10/2018	GRAFTON ELECTRICS	CHECK DECORATIVE LIGHTS ON MINSON AVENUE	1	99.00	
INV 5365	03/10/2018	GRAFTON ELECTRICS	REPAIR SECURITY LIGHTS AT THE NORTHAM DEPOT X 2	1	228.64	
INV 5425	24/10/2018	GRAFTON ELECTRICS	QUELLINGTON HALL. CHECK ALL ELECTRICS THROUGHOUT, BREAKER KEEPS TRIPPING. PROVIDE REPORT.	1	312.40	
INV 5408	17/10/2018	GRAFTON ELECTRICS	OLD ADMIN. REPLACE ALL LIGHT GLOBES AND STARTERS.	1	1,447.82	
INV 5382	08/10/2018	GRAFTON ELECTRICS	MEMORIAL HALL. SUPPLY WEATHER PROOF POWER POINT AND LED SPOTLIGHT AS PER SITE DISCUSSION.	1	1,056.00	
INV 5363	03/10/2018	GRAFTON ELECTRICS	OLD GIRLS SCHOOL. REPAIR OUTSIDE LIGHTS, NOT WORKING PROPERLY. CHECK ALL OTHER LIGHTS.	1	199.76	
INV 5364	03/10/2018	GRAFTON ELECTRICS	OLD GIRLS SCHOOL. CHECK ALL ELECTRICS AND REPLACE ANY LIGHT GLOBES THAT REQUIRE IT.	1	319.66	
INV 5432	26/10/2018	GRAFTON ELECTRICS	RAILWAY MUSEUM. PLATFORM LIGHTS ARE STAYING ON, PLEASE REPAIR/REPLACE P/E CELL.	1	99.00	
INV 5410	17/10/2018	GRAFTON ELECTRICS	TOWN HALL. SERVICE/REPAIR STAGE CURTAINS, NOT CLOSING PROPERLY.	1	165.00	
EFT31677	23/11/2018	HELEN LOUISE ZAHRA	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION	1		50.24
INV JW22/11/22/11/2018		HELEN LOUISE ZAHRA	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION	1	50.24	
EFT31678	23/11/2018	HILLS WARRIORS NETBALL CLUB	KIDSPORT FUNDING	1		150.00
INV KS02685	16/11/2018	HILLS WARRIORS NETBALL CLUB	KIDSPORT FUNDING	1	150.00	
EFT31679	23/11/2018	HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD	PN1 706 - NON HEATED MIRROR (AT356101)	1		224.70
INV SI003583	24/10/2018	HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD	PN1 706 - NON HEATED MIRROR (AT356101)	1	224.70	
EFT31680	23/11/2018	HOST AUTO REPAIRS	SPECIAL CALLOUT TO BAKERS HILL FIRE SHED TO DIAGNOSE AND REPAIR FAULTS WITH BAKERS HILL 2.4	1		798.10

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INV 62673	09/11/2018	HOST AUTO REPAIRS	SPECIAL CALLOUT TO BAKERS HILL FIRE SHED TO DIAGNOSE AND REPAIR FAULTS WITH BAKERS HILL 2.4	1	798.10	
EFT31681	23/11/2018	JAIME ELIZABETH HAWKINS	REIMBURSEMENT FOR KITCHEN SUPPLIES	1		62.30
INV RR21/11/21/11/2018		JAIME ELIZABETH HAWKINS	REIMBURSEMENT FOR KITCHEN SUPPLIES	1	62.30	
EFT31682	23/11/2018	JAMIE-LEE ROBERTS	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION	1		54.30
INV RR20/11/20/11/2018		JAMIE-LEE ROBERTS	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION	1	54.30	
EFT31683	23/11/2018	JONES CONTRACTING PTY LTD	GRAVEL TO BE PICKED UP BY SHIRE OF NORTHAM	1		1,561.45
INV 3980	31/10/2018	JONES CONTRACTING PTY LTD	GRAVEL TO BE PICKED UP BY SHIRE OF NORTHAM	1	1,561.45	
EFT31684	23/11/2018	JR & A HERSEY PTY LTD	THDWDA - WD 40 (BOX)	1		1,623.22
INV 0004114901/11/2018		JR & A HERSEY PTY LTD	THDWDA - WD 40 (BOX)	1	145.37	
INV 0004114801/11/2018		JR & A HERSEY PTY LTD	THDWDA - WD 40 (BOX)	1	1,010.35	
INV 43664	30/10/2018	JR & A HERSEY PTY LTD	2 POLY DRUM (SJ-100-002)	1	467.50	
EFT31685	23/11/2018	JS TECHNOLOGY & DIGITAL PTY LTD	REPAIRS TO EXECUTIVE MANAGER ENGINEERING SERVICES MANAGER LAPTOP AS ORGANISED BY SHIRE IT STAFF.	1		600.00
INV 4297	21/11/2018	JS TECHNOLOGY & DIGITAL PTY LTD	REPAIRS TO EXECUTIVE MANAGER ENGINEERING SERVICES MANAGER LAPTOP AS ORGANISED BY SHIRE IT STAFF.	1	600.00	
EFT31686	23/11/2018	LANDMARK ENGINEERING & DESIGN T/A EXTERIA	REPLACEMENT 1800MM ALUMINIUM SLAT TO SUIT PARKWAY SEAT INCLUDING DELIVERY	1		200.20
INV 0000789106/11/2018		LANDMARK ENGINEERING & DESIGN T/A EXTERIA	REPLACEMENT 1800MM ALUMINIUM SLAT TO SUIT PARKWAY SEAT INCLUDING DELIVERY	1	200.20	
EFT31687	23/11/2018	LED SIGNS	2 ANTENNA'S @\$75 EACH PLUS FRIEGHT \$40	1		209.00
INV 17971	02/11/2018	LED SIGNS	2 ANTENNA'S @\$75 EACH PLUS FRIEGHT \$40	1	209.00	

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EFT31688	23/11/2018	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	LOCAL GOVERNMENT PROFESSIONALS ANNUAL STATE CONFERENCE 2018. CONFERENCE ATTENDANCE THURS 8 NOVEMBER - CARMEN SADLEIR (SHIRE OF NORTHAM)	1		1,526.00
INV 9953	01/11/2018	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	LOCAL GOVERNMENT PROFESSIONALS ANNUAL STATE CONFERENCE 2018. CONFERENCE ATTENDANCE THURS 8 NOVEMBER - CARMEN SADLEIR (SHIRE OF NORTHAM)	1	995.00	
INV 8957	11/07/2018	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	2018-2019 MEMBERSHIP	1	531.00	
EFT31689	23/11/2018	LUPTONS LIQUID WASTE	PUMP OUT GREASE TRAP - KILLARA	1		550.00
INV 33011	13/11/2018	LUPTONS LIQUID WASTE	PUMP OUT GREASE TRAP - KILLARA	1	550.00	
EFT31690	23/11/2018	MARKET CREATIONS PTY LTD	STATIONARY ORDER - SEE INVOICE ATTACHED (ENVELOPES,BUSINESS CARDS, LETTER HEADS)	1		2,145.00
INV HV37-1	22/10/2018	MARKET CREATIONS PTY LTD	STATIONARY ORDER - SEE INVOICE ATTACHED (ENVELOPES,BUSINESS CARDS, LETTER HEADS)	1	2,145.00	
EFT31691	23/11/2018	MATHEW MACQUEEN	PROVISION OF FIREBREAK INSPECTIONS 2018-19 FIRES SEASON. HOURLY RATE \$55/HOUR WITH PROVISION OF COUNCIL VEHICLE	1		3,355.00
INV 701	18/11/2018	MATHEW MACQUEEN	PROVISION OF FIREBREAK INSPECTIONS 2018-19 FIRES SEASON. HOURLY RATE \$55/HOUR WITH PROVISION OF COUNCIL VEHICLE	1	3,355.00	
EFT31692	23/11/2018	MAYDAY EARTHMOVING	HIRE OF JUMPING JACK	1		220.00
INV 0007053925	10/2018	MAYDAY EARTHMOVING	HIRE OF JUMPING JACK	1	220.00	
EFT31693	23/11/2018	MCLEODS BARRISTERS & SOLICITORS	LEGAL REPRESENTATION - 29 MCMULLEN ROAD - SON VS O'MALLEY, S -UNLAWFUL DEVELOPMENT	1		2,811.20
INV 104870	27/09/2018	MCLEODS BARRISTERS & SOLICITORS	LODGEMENT OF CAVEATE ON 181 WELLINGTON STREET, NORTHAM FOR REIMBURSEMENT OF DEMOLITION COSTS HOUSE AND LAND CLEANUP AS A RESULT OF NON COMPLIANCE WITH HEALTH ACT NOTICE	1	519.35	
INV 105533	31/10/2018	MCLEODS BARRISTERS & SOLICITORS	LEGAL ADVICE AND SERVICES FOR PROPERTY ISSUES - 29 GREENGAGE PLACE, BAKERS HILL	1	686.40	
INV 105532	31/10/2018	MCLEODS BARRISTERS & SOLICITORS	LEGAL REPRESENTATION - 29 MCMULLEN ROAD - SON VS O'MALLEY, S -UNLAWFUL DEVELOPMENT	1	1,605.45	



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EFT31694	23/11/2018	MICHELLE KAYE BLACKHURST	REIMBURSEMENT FOR CO-WORKING SPACEW FURNITURE	1		318.90
INV RR19/11/19/11/2018		MICHELLE KAYE BLACKHURST	REIMBURSEMENT FOR CO-WORKING SPACEW FURNITURE	1	318.90	
EFT31695	23/11/2018	MILMAR DISTRIBUTORS	x 30 WHITE/YELLOW RECEIPT ROLLS - SR76761152PLY	1		76.16
INV 0002113431/10/2018		MILMAR DISTRIBUTORS	x 30 WHITE/YELLOW RECEIPT ROLLS - SR76761152PLY	1	76.16	
EFT31696	23/11/2018	MOORE STEPHENS (WA) PTY LTD	FINAL BILLING AUDIT 30 JUNE 2018 (50% 2017/2018 FEE)	1		12,401.31
INV 309742	15/11/2018	MOORE STEPHENS (WA) PTY LTD	FINAL BILLING AUDIT 30 JUNE 2018 (50% 2017/2018 FEE)	1	12,401.31	
EFT31697	23/11/2018	MORRIS PEST AND WEED CONTROL	WEED SPRAYING AT THE INKPEN ROAD WASTE MANAGEMENT FACILITY	1		2,607.80
INV 181136	18/11/2018	MORRIS PEST AND WEED CONTROL	WEED SPRAYING AT THE INKPEN ROAD WASTE MANAGEMENT FACILITY	1	1,977.80	
INV 181137	18/11/2018	MORRIS PEST AND WEED CONTROL	BKB CENTRE INITIAL SPRAY FOR SPIDERS TO ALL EXTERNAL AREAS AS PER QUOTE 20/07/2018	1	510.00	
INV 181138	18/11/2018	MORRIS PEST AND WEED CONTROL	SES BUILDING. SPRAY FOR ANTS WITH IN COMPOUND INCLUDING SHED AND BUILDING.	1	120.00	
EFT31698	23/11/2018	NORTHAM BETTA ELECTRICAL	2X LG 22 INCH MONITORS FOR KILLARA	1		619.95
INV 2957255528/09/2018		NORTHAM BETTA ELECTRICAL	PANASONIC CORDLESS TELEPHONE FOR WUNDOWIE LIBRARY	1	32.95	
INV 2957271419/11/2018		NORTHAM BETTA ELECTRICAL	2X LG 22 INCH MONITORS FOR KILLARA	1	358.00	
INV 2957261818/10/2018		NORTHAM BETTA ELECTRICAL	UNIDEN GUARDIAN APP CAM SOLO SINGLE SMART CAMERA	1	229.00	
EFT31699	23/11/2018	NORTHAM CARPETS PTY LTD	SUPPLY AND INSTALL 3 SLIMLINE VENETIAN BLINDS COLOUR GUNMETAL AS PER SITE MEASURE	1		610.00
INV 13156	16/11/2018	NORTHAM CARPETS PTY LTD	SUPPLY AND INSTALL 3 SLIMLINE VENETIAN BLINDS COLOUR GUNMETAL AS PER SITE MEASURE	1	610.00	
EFT31700	23/11/2018	NORTHAM HOLDEN	10000KM SERVICE TO HOLDEN COLORADO UTE PN1708 - N11075.	1		691.26
INV 121938	08/11/2018	NORTHAM HOLDEN	68000KM SERVICE TO HOLDEN TRAILBLASER EXECUTIVE MANAGER ENGINEERING SERVICES	1	322.25	



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INV 121752	23/10/2018	NORTHAM HOLDEN	10000KM SERVICE TO HOLDEN COLORADO UTE PN1708 - NI11075.	1	369.01	
EFT31701	23/11/2018	NORTHAM JUNIOR CRICKET ASSOCIATION	KIDSPORT FUNDING FOR TRAVIS SCHELFOUT & OWEN SMITH	1		95.00
INV KS02676	13/11/2018	NORTHAM JUNIOR CRICKET ASSOCIATION	KIDSPORT FUNDING FOR TRAVIS SCHELFOUT & OWEN SMITH	1	95.00	
EFT31702	23/11/2018	NORTHAM MAZDA	55000 SERVICE TO MAZDA BT50 UTE BUILDING SUPERVISOR VEHICLE	1		779.14
INV 121881	01/11/2018	NORTHAM MAZDA	70000KM SERVICE TO MAZDA CX5 SNR HEALTH OFFICER VEHICLE	1	389.07	
INV 121885	01/11/2018	NORTHAM MAZDA	55000 SERVICE TO MAZDA BT50 UTE BUILDING SUPERVISOR VEHICLE	1	390.07	
EFT31703	23/11/2018	NORTHAM POLICE & CITIZENS YOUTH CLUB (INC)	KIDSPORT FUNDING FOR FRANCESCA & PATTRICK DE GRYS & NASHAYLA THORNE-NARRIER	1		297.00
INV KS02675	13/11/2018	NORTHAM POLICE & CITIZENS YOUTH CLUB (INC)	KIDSPORT FUNDING FOR FRANCESCA & PATTRICK DE GRYS & NASHAYLA THORNE-NARRIER	1	297.00	
EFT31704	23/11/2018	NORTHAM SWIMMING CLUB INC	KIDSPORT FUNDING FOR CHLOE CORRIGAN, MACAULEY & WARRICK LEASK & JASMINE MOLICKI	1		600.00
INV KS02675	13/11/2018	NORTHAM SWIMMING CLUB INC	KIDSPORT FUNDING FOR CHLOE CORRIGAN, MACAULEY & WARRICK LEASK & JASMINE MOLICKI	1	600.00	
EFT31705	23/11/2018	NORTHAM VETERINARY CENTRE	EUTHANASIA OF INJURED CAT	1		48.00
INV 68152	05/10/2018	NORTHAM VETERINARY CENTRE	EUTHANASIA OF INJURED CAT	1	48.00	
EFT31706	23/11/2018	NORTHSTAR ASSET PTY LTD PTY LTD	MONSTER'S INC MOVIE COPYRIGHT FOR HALLOWEEN MOVIE NIGHT (27 OCT 2018).	1		418.00
INV 00010079	19/10/2018	NORTHSTAR ASSET PTY LTD PTY LTD	MONSTER'S INC MOVIE COPYRIGHT FOR HALLOWEEN MOVIE NIGHT (27 OCT 2018).	1	418.00	
EFT31707	23/11/2018	OASIS OUTDOOR STRUCTURES	REMOVAL OF DAMAGED FOOTPATH SECTION 1.8M X 6M AND REPLACE WITH NEW CONCRETE FOOTPATH IN BERNARD PARK	1		1,425.60
INV INV-035314	11/2018	OASIS OUTDOOR STRUCTURES	REMOVAL OF DAMAGED FOOTPATH SECTION 1.8M X 6M AND REPLACE WITH NEW CONCRETE FOOTPATH IN BERNARD PARK	1	1,425.60	

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EFT31708	23/11/2018	OXTER SERVICES	CLEANING OF VARIOUS PUBLIC TOILETS 29/10/2018 TO 09/11/2018.	1		7,490.48
INV 20461	01/11/2018	OXTER SERVICES	CLEANING SUPPLIES FOR BKB.	1	115.81	
INV 20500	09/11/2018	OXTER SERVICES	BURIAL - MURIEL HENDERSON, VINCHENZO GIANNELLI, & GRAVE CERTIFICATION	1	1,452.00	
INV 20480	06/11/2018	OXTER SERVICES	INTERMENT OF ASHES IN NORTHAM CEMETERY.	1	198.00	
INV 20470	02/11/2018	OXTER SERVICES	NEW GRAVE FOR THE BURIAL OF MARTIN RYDER, ERICA STWEART AND GRAVE CERTIFICATION FOR THE ABOVE.	1	1,562.00	
INV 20418	23/10/2018	OXTER SERVICES	GRASS VALLEY HALL. CLEANING SUPPLIES, 3 X CARTONS OF TOILET PAPER, 1 X BOX GLOVES AND 20L OF PINEAWAY.	1	162.74	
INV 20472	02/11/2018	OXTER SERVICES	GRASS VALLEY HALL. CLEANING SUPPLIES, 3 X CARTONS OF TOILET PAPER, 1 X BOX GLOVES AND 20L OF PINEAWAY.	1	64.25	
INV 20484	07/11/2018	OXTER SERVICES	CLEANING PRODUCTS FOR VARIOUS SHIRE PROPERTIES.	1	1,638.88	
INV 20499	09/11/2018	OXTER SERVICES	CLEANING OF VARIOUS PUBLIC TOILETS 29/10/2018 TO 09/11/2018.	1	2,296.80	
EFT31709	23/11/2018	PATSY ANTIONETTE REPEC	REIMBURSEMENT FOR PRE EMPLOYMENT MEDICAL	1		165.00
INV 237065	05/11/2018	PATSY ANTIONETTE REPEC	REIMBURSEMENT FOR PRE EMPLOYMENT MEDICAL.	1	165.00	
EFT31710	23/11/2018	PERTH ENERGY PTY LTD	ELECTRICITY CHARGES - 182 FITZGERALD STREET - STATEMENT NO: 2158126, ACCOUNT NO:601148.	1		310.96
INV 2158126	16/11/2018	PERTH ENERGY PTY LTD	ELECTRICITY CHARGES - 182 FITZGERALD STREET - STATEMENT NO: 2158126, ACCOUNT NO:601148.	1	310.96	
EFT31711	23/11/2018	PERTH SAFETY PRODUCTS PTY LTD	2.4 RHS YELLOW POSTS - 76X38X2.4M	1		2,392.50
INV 0000844015	10/2018	PERTH SAFETY PRODUCTS PTY LTD	2.4 RHS YELLOW POSTS - 76X38X2.4M	1	2,392.50	
EFT31712	23/11/2018	PROFESSIONAL LOCKSERVICE	REC CENTRE. GAIN ENTRY AND REPLACE DAMAGED DOOR LOCKS AFTER BREAK IN.	1		1,064.75
INV 0010313829	10/2018	PROFESSIONAL LOCKSERVICE	REC CENTRE. GAIN ENTRY AND REPLACE DAMAGED DOOR LOCKS AFTER BREAK IN.	1	975.65	
INV 0010318815	11/2018	PROFESSIONAL LOCKSERVICE	BERT HAWKE PAVILION. SUPPLY 4 X D07 KEYS.	1	89.10	

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EFT31713	23/11/2018	PUBLIC TRANSPORT AUTHORITY	TICKET SALES OCTOBER 2018.	1		133.87
INV OCTOBE31/10/2018		PUBLIC TRANSPORT AUTHORITY	TICKET SALES OCTOBER 2018.	1	133.87	
EFT31714	23/11/2018	RED DOT STORES	COLOUR DOUGH (SUMMER READING PROGRAM PRIZES)	1		37.00
INV 3784918008/10/2018		RED DOT STORES	COLOUR DOUGH (SUMMER READING PROGRAM PRIZES)	1	37.00	
EFT31715	23/11/2018	REGIONAL PHYSIOTHERAPY & SPORTS INJURY CLINIC & IN BALANCE FITNESS	SENIOR SPORT FUNDING FOR GLENYS WICKS	1		110.00
INV 0026830	15/11/2018	REGIONAL PHYSIOTHERAPY & SPORTS INJURY CLINIC & IN BALANCE FITNESS	SENIOR SPORT FUNDING FOR GLENYS WICKS	1	110.00	
EFT31716	23/11/2018	SLIMLINE WAREHOUSE DISPLAY SHOP	4X TABLE COVERS & SHIPPING	1		223.63
INV 254320	25/10/2018	SLIMLINE WAREHOUSE DISPLAY SHOP	4X TABLE COVERS & SHIPPING	1	223.63	
EFT31717	23/11/2018	SOUTHERN CROSS AUSTereo PTY LTD	RADIO ADS- COMMUNITY CINEMAS VOLUNTEERS	1		1,175.90
INV 7075254231/10/2018		SOUTHERN CROSS AUSTereo PTY LTD	AROUND THE TOWNS ADS OCTOBER 2018.	1	88.00	
INV 7075254331/10/2018		SOUTHERN CROSS AUSTereo PTY LTD	RADIO ADS- COMMUNITY CINEMAS VOLUNTEERS	1	1,087.90	
EFT31718	23/11/2018	SOUVENIRS AUSTRALIA PTY LTD	SOUVENIRS FOR VISITORS CENTRE	1		376.24
INV 0001869005/11/2018		SOUVENIRS AUSTRALIA PTY LTD	SOUVENIRS FOR VISITORS CENTRE	1	376.24	
EFT31719	23/11/2018	SPECIALISED TREE SERVICE	INSTALL CHRISTMAS BANNERS THROUGHOUT TOWN	1		480.00
INV 2958	20/11/2018	SPECIALISED TREE SERVICE	INSTALL CHRISTMAS BANNERS THROUGHOUT TOWN	1	480.00	
EFT31721	23/11/2018	ST JOHN AMBULANCE AUSTRALIA (WA) INC.	FIXED & PORTABLE GRAB BAG	1		580.82
INV CYINV0008/11/2018		ST JOHN AMBULANCE AUSTRALIA (WA) INC.	FIXED & PORTABLE GRAB BAG	1	532.86	
INV CYINV0008/11/2018		ST JOHN AMBULANCE AUSTRALIA (WA) INC.	EVACUATION GRAB BAG FOR THE NORTHAM POUND	1	23.98	
INV CYINV0008/11/2018		ST JOHN AMBULANCE AUSTRALIA (WA) INC.	EVACUATION GRAB BAG FOR THE ADMIN BUILDING	1	23.98	
EFT31722	23/11/2018	STANLEE WA	TROLLEY 3 TIER GREY	1		233.20



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INV S-12423707/11/2018		STANLEE WA	TROLLEY 3 TIER GREY	1	233.20	
EFT31723	23/11/2018	TERENCE JOHN PIPER	OVERCHARGE OF DOG REGISTRATION FEE PAID 13/11/2018, CONCESSION CARD SIGHTED/COPIED/ENTERED INTO SYSTEM 15/11/2018	1		25.00
INV CH10/11/10/11/2018		TERENCE JOHN PIPER	OVERCHARGE OF DOG REGISTRATION FEE PAID 13/11/2018, CONCESSION CARD SIGHTED/COPIED/ENTERED INTO SYSTEM 15/11/2018	1	25.00	
EFT31724	23/11/2018	THE PAPER COMPANY OF AUSTRALIA	x 200 REAMS A4 PHOTOCOPY PAPER - PAPERLINE PREMIUM	1		925.65
INV 0004236607/09/2018		THE PAPER COMPANY OF AUSTRALIA	x 200 REAMS A4 PHOTOCOPY PAPER - PAPERLINE PREMIUM	1	925.65	
EFT31725	23/11/2018	THEA COMMINS	STOCK PURCHASES FOR VISITORS CENTRE	1		579.15
INV 0002727528/10/2018		THEA COMMINS	STOCK PURCHASES FOR VISITORS CENTRE	1	579.15	
EFT31726	23/11/2018	TUTT BRYANT EQUIPMENT PTY LTD	PN1502 - REPLACEMENT STEERING WHEEL KNOB 00580176	1		40.51
INV 0084520419/10/2018		TUTT BRYANT EQUIPMENT PTY LTD	PN1502 - REPLACEMENT STEERING WHEEL KNOB 00580176	1	40.51	
EFT31727	23/11/2018	TYRECYCLE PTY LTD	DISPOSAL OF OLD TYRES FOR RECYCLING FROM THE OLD QUARRY LANDFILL WASTE MANAGEMENT FACILITY	1		504.28
INV 730451	23/10/2018	TYRECYCLE PTY LTD	DISPOSAL OF OLD TYRES FOR RECYCLING FROM THE OLD QUARRY LANDFILL WASTE MANAGEMENT FACILITY	1	504.28	
EFT31728	23/11/2018	VERLINDENS ELECTRICAL SERVICE (WA)	NORTHAM TOWN HALL. REPAIR GROUND UP LIGHTS TO EXTERIOR FRONT OF HALL.	1		305.47
INV 88495	31/10/2018	VERLINDENS ELECTRICAL SERVICE (WA)	NORTHAM TOWN HALL. REPAIR GROUND UP LIGHTS TO EXTERIOR FRONT OF HALL.	1	305.47	
EFT31729	23/11/2018	VINCENT RYDER JUNIOR	CULTURAL DANCING @ \$100HR FOR 2 HOURS	1		200.00
INV 52172	09/11/2018	VINCENT RYDER JUNIOR	CULTURAL DANCING @ \$100HR FOR 2 HOURS	1	200.00	
EFT31730	23/11/2018	WA CONTRACT RANGER SERVICES	PROVISION OF RELIEF RANGER - 29-10-2018 TO 11-11-2018	1		6,440.50



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INV 01833	14/11/2018	WA CONTRACT RANGER SERVICES	PROVISION OF RELIEF RANGER - 29-10-2018 TO 11-11-2018	1	6,440.50	
EFT31731	23/11/2018	WARRICKS NEWSAGENCY	NEWSPAPERS FOR OCTOBER 2018 FOR LIBRARY	1		141.62
INV SN0001731	10/2018	WARRICKS NEWSAGENCY	NEWSPAPERS FOR OCTOBER 2018 FOR LIBRARY	1	141.62	
EFT31732	23/11/2018	WESTERN TREE RECYCLERS	MULCHING OF GREEN WASTE AT THE OLD QUARRY ROAD AND INK PEN WASTE MANAGEMENT FACILITIES INCLUDING MOB AND DEMOB	1		35,970.00
INV 0000188912	11/2018	WESTERN TREE RECYCLERS	MULCHING OF GREEN WASTE AT THE OLD QUARRY ROAD AND INK PEN WASTE MANAGEMENT FACILITIES INCLUDING MOB AND DEMOB	1	35,970.00	
EFT31733	23/11/2018	WESTWIDE AUTO ELECTRICS AND AIR CONDITIONING	PN0916 - REPLACE/REPAIR HANDPIECE ELECTRIC FAULTS	1		4,213.15
INV 8268	30/09/2018	WESTWIDE AUTO ELECTRICS AND AIR CONDITIONING	PN1619 - REPAIR CABLE ON CASE SKID STEER DAMAGED	1	295.85	
INV 8187	31/08/2018	WESTWIDE AUTO ELECTRICS AND AIR CONDITIONING	PN0916 - REPLACE/REPAIR HANDPIECE ELECTRIC FAULTS	1	2,775.80	
INV 8204	30/09/2018	WESTWIDE AUTO ELECTRICS AND AIR CONDITIONING	PN1221 - REPAIR / REPLACE TRAILER PLUG	1	241.50	
INV 8282	31/10/2018	WESTWIDE AUTO ELECTRICS AND AIR CONDITIONING	PN1214 - FIT ELECTRIC BRAKE BOX TO TRAILER	1	900.00	
EFT31734	23/11/2018	WHEATBELT NATURAL RESOURCE MANAGEMENT	WEEKLY MAINTENANCE OF NORTHAM CEMETERY AS PER CONTRACT CEMETERY MAINTENANCE 2017-2019 -15/10/2018 TO 24/10/2018.	1		9,177.30
INV 0030094920	09/2018	WHEATBELT NATURAL RESOURCE MANAGEMENT	WEEKLY MAINTENANCE OF NORTHAM CEMETERY AS PER CONTRACT CEMETERY MAINTENANCE 2017-2019. \$432 + GST PER DAY - 3 DAYS PER WEEK FOR FINANCIAL YEAR 2018/2019. POSSESSION OF SITE FROM WEDNESDAY 6TH DECEMBER 2017 TO FRIDAY 6TH DECEMBER 2019.	1	2,049.30	
INV 0030094603	09/2018	WHEATBELT NATURAL RESOURCE MANAGEMENT	WEEKLY MAINTENANCE OF NORTHAM CEMETERY AS PER CONTRACT CEMETERY MAINTENANCE 2017-2019. \$432 + GST PER DAY - 3 DAYS PER WEEK FOR FINANCIAL YEAR 21/8/2018 TO 30/08/2018.	1	2,851.20	

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INV 0030095730/10/2018		WHEATBELT NATURAL RESOURCE MANAGEMENT	WEEKLY MAINTENANCE OF NORTHAM CEMETERY AS PER CONTRACT CEMETERY MAINTENANCE 2017-2019 -15/10/2018 TO 24/10/2018.	1	4,276.80	
EFT31735	23/11/2018	ZENIEN	REC CENTRE. SERVICE CCTV SYSTEM AND TRAIN CENTRE STAFF ON USE.	1		1,490.50
INV 15787	16/11/2018	ZENIEN	REC CENTRE. SERVICE CCTV SYSTEM AND TRAIN CENTRE STAFF ON USE.	1	1,490.50	
EFT31736	28/11/2018	NORTHAM CHAMBER OF COMMERCE	REFUND OF BOND PAYMENT FOR BOOKING #3464	2		500.00
INV T1105	28/11/2018	NORTHAM CHAMBER OF COMMERCE	REFUND OF BOND PAYMENT FOR BOOKING #3464	2	500.00	
EFT31737	28/11/2018	BUILDER'S REGISTRATION BOARD OF WA	MONTHLY BSL FEES COLLECT FOR THE BUILDING COMMISSION FOR THE MONTH OF OCTOBER 2018.	2		3,325.58
INV T1080	28/11/2018	BUILDER'S REGISTRATION BOARD OF WA	MONTHLY BSL FEES COLLECT FOR THE BUILDING COMMISSION FOR THE MONTH OF OCTOBER 2018.	2	3,325.58	
EFT31738	28/11/2018	BUILDING AND CONSTRUCTION INDUSTRY TRAINING FUND	MONTHLY BCITF FEES COLLECT FOR THE CONSTRUCTION TRAINING FUND FOR THE MONTH OF OCTOBER 2018.	2		1,982.94
INV T1079	28/11/2018	BUILDING AND CONSTRUCTION INDUSTRY TRAINING FUND	MONTHLY BCITF FEES COLLECT FOR THE CONSTRUCTION TRAINING FUND FOR THE MONTH OF OCTOBER 2018.	2	1,982.94	
EFT31739	28/11/2018	INDIGENOUS ECONOMIC SOLUTIONS	REFUND OF DEPOSIT ON STANDPIPE KEYCARD AS CARD HAS BEEN RETURNED.	2		50.00
INV T1083	28/11/2018	INDIGENOUS ECONOMIC SOLUTIONS	REFUND OF DEPOSIT ON STANDPIPE KEYCARD AS CARD HAS BEEN RETURNED.	2	50.00	
EFT31740	28/11/2018	MICHELE KATHERINE FRYER-HORNSBY	BOND REFUND FOR BUILDING PERMIT NO 12016 - A15212.	2		1,000.00
INV T522	28/11/2018	MICHELE KATHERINE FRYER-HORNSBY	BOND REFUND FOR BUILDING PERMIT NO 12016 - A15212.	2	1,000.00	
EFT31741	28/11/2018	NORTHAM PROJECT PTY LTD	KERB BOND FOR BLD APP NO 16162. R#93254.	2		3,000.00
INV T913	28/11/2018	NORTHAM PROJECT PTY LTD	KERB BOND FOR BLD APP NO 16162. R#93254.	2	1,500.00	
INV T881	28/11/2018	NORTHAM PROJECT PTY LTD	KERB BOND FOR BLDG APP. NO. 16017 R#89928.	2	1,500.00	

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EFT31742	28/11/2018	NORTHAM SUB BRANCH RETURNED & SERVICES LEAGUE	REFUND OF \$100 BOND FOR BOOKING #3692.	2		100.00
INV T111	28/11/2018	NORTHAM SUB BRANCH RETURNED & SERVICES LEAGUE	REFUND OF \$100 BOND FOR BOOKING #3692.	2	100.00	
EFT31743	28/11/2018	ROTARY CLUB OF NORTHAM	REFUND OF BOND PAYMENT FOR BOOKING #3665	2		100.00
INV T1106	28/11/2018	ROTARY CLUB OF NORTHAM	REFUND OF BOND PAYMENT FOR BOOKING #3665	2	100.00	
EFT31744	28/11/2018	TOP GUN ROOFING AND RESTORATION	INFRASTRUCTURE BOND REFUND BLDG APP NO 18151.	2		1,000.00
INV T1093	28/11/2018	TOP GUN ROOFING AND RESTORATION	INFRASTRUCTURE BOND REFUND BLDG APP NO 18151.	2	1,000.00	
EFT31745	28/11/2018	VIC ROADS	REFUND OF DEPOSIT PAID ON STANDPIPE CARD AS CARD RETURNED.	2		50.00
INV T1072	28/11/2018	VIC ROADS	REFUND OF DEPOSIT PAID ON STANDPIPE CARD AS CARD RETURNED.	2	50.00	
EFT31746	28/11/2018	WA STABILISING	REFUND OF STANDPIPE KEY DEPOSIT AS KEY HAS BEEN RETURNED.	2		50.00
INV T1042	28/11/2018	WA STABILISING	REFUND OF STANDPIPE KEY DEPOSIT AS KEY HAS BEEN RETURNED.	2	50.00	
EFT31747	30/11/2018	AVON VALLEY ENVIRONMENTAL SOCIETY	ASSISTANCE WITH GROUP ENVIRONMENTAL TOURS (SEE INVOICE ATTACHED)	1		275.00
INV 21	19/11/2018	AVON VALLEY ENVIRONMENTAL SOCIETY	ASSISTANCE WITH GROUP ENVIRONMENTAL TOURS (SEE INVOICE ATTACHED)	1	275.00	
EFT31748	30/11/2018	ALIA LTD	TAFE TRAINING: LIBRARY SERVICES FOR PEOPLE WITH A DISABILITY	1		338.00
INV 25628	07/09/2018	ALIA LTD	TAFE TRAINING: LIBRARY SERVICES FOR PEOPLE WITH A DISABILITY	1	338.00	
EFT31749	30/11/2018	ALTUS PLANNING	SAT & APPEALS PRESENTATION FOR THE SHIRE'S ELECTED MEMBERS (6 BILLABLE HOURS)	1		2,112.00
INV APA196326/11/2018		ALTUS PLANNING	SAT & APPEALS PRESENTATION FOR THE SHIRE'S ELECTED MEMBERS (6 BILLABLE HOURS)	1	2,112.00	
EFT31750	30/11/2018	ALYSON MCMAHON	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		49.00



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INV 299053	31/10/2018	ALYSON MCMAHON	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	49.00	
EFT31751	30/11/2018	AUSTRALIAN SERVICES UNION	Payroll deductions	1		103.60
INV DEDUCT27/11/2018		AUSTRALIAN SERVICES UNION	Payroll deductions		103.60	
EFT31752	30/11/2018	AUSTRALIAN TAXATION OFFICE - PAYG	PAYG PAY RUN WEEK END 27/11/2018 & INTERIM PAY 20/11/2018.	1		62,285.00
INV PAYG 2727/11/2018		AUSTRALIAN TAXATION OFFICE - PAYG	PAYG PAY RUN WEEK END 27/11/2018 & INTERIM PAY 20/11/2018.	1	62,285.00	
EFT31753	30/11/2018	AUSTRALIAN TRAINING MANAGEMENT	CARRY OVER FROM PURCHASE ORDER 48247 - TRAINING FOR JARED WYNN	1		395.00
INV 0001321809/08/2018		AUSTRALIAN TRAINING MANAGEMENT	CARRY OVER FROM PURCHASE ORDER 48247 - TRAINING FOR JARED WYNN	1	395.00	
EFT31754	30/11/2018	AVON SERVICE SPECIALISTS	INKPEN 2.4 - ANNUAL SERVICE, PARTS & LABOUR	1		694.65
INV 15616	19/11/2018	AVON SERVICE SPECIALISTS	INKPEN 2.4 - ANNUAL SERVICE, PARTS & LABOUR	1	694.65	
EFT31755	30/11/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	EXCAVATOR HIRE FOR BROOME TERRACE	1		440.00
INV IV10313	11/09/2018	AVON VALLEY PLANT & EQUIPMENT PTY LTD	EXCAVATOR HIRE FOR BROOME TERRACE	1	440.00	
EFT31756	30/11/2018	AVON WASTE	OLD QUARRY ROAD LANDFILL SITE MONTHLY MANAGEMENT FOR 12 MONTH PERIOD SEPTEMBER 2018.	1		83,465.88
INV 0003093128/09/2018		AVON WASTE	OLD QUARRY ROAD LANDFILL SITE MONTHLY MANAGEMENT FOR 12 MONTH PERIOD SEPTEMBER 2018.	1	46,317.52	
INV 31528	09/11/2018	AVON WASTE	RUBBISH COLLECTION FOR THE F/E 09/11/2018	1	37,148.36	
EFT31757	30/11/2018	BEAUREPAIRES	REPAIR PUNCTURE ON TRUCK PN1501	1		129.14
INV U524353102/11/2018		BEAUREPAIRES	REPAIR PUNCTURE ON TRUCK PN1501	1	64.57	
INV U524353102/11/2018		BEAUREPAIRES	REPAIR PUNCTURE ON WATER TRUCK PN1611	1	64.57	
EFT31758	30/11/2018	BLACKWELL PLUMBING PTY LTD	REPAIR DAMAGE TO BROKEN PIP AT 2 PERINA WAY	1		238.50
INV INV-185614/11/2018		BLACKWELL PLUMBING PTY LTD	REPAIR DAMAGE TO BROKEN PIP AT 2 PERINA WAY	1	238.50	



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EFT31759	30/11/2018	BOOTH PRINT	2000 DL FLYERS FOR CHRISTMAS ON FITZGERALD 2018	1		412.50
INV 8961	19/11/2018	BOOTH PRINT	2000 DL FLYERS FOR CHRISTMAS ON FITZGERALD 2018	1	412.50	
EFT31760	30/11/2018	CANNON HYGIENE AUSTRALIA PTY LTD	REC CENTRE. SANITARY UNIT SERVICES UNTIL 12/03/2019.	1		846.43
INV 9616712114	08/2018	CANNON HYGIENE AUSTRALIA PTY LTD	REC CENTRE. SANITARY UNIT SERVICES UNTIL 12/03/2019.	1	846.43	
EFT31761	30/11/2018	CARLY JANE PARKER	REIMBURSEMENT FOR UNIFORMS	1		206.95
INV JR26112026	11/2018	CARLY JANE PARKER	REIMBURSEMENT FOR UNIFORMS	1	206.95	
EFT31762	30/11/2018	CODE GROUP	CBD BUILDING & NORTHAM LIBRARY; Library Access Audit & Report (remaining areas); Disability Action Plan; Costings for strategy items	1		3,740.00
INV 3866	13/11/2018	CODE GROUP	CBD BUILDING & NORTHAM LIBRARY; Library Access Audit & Report (remaining areas); Disability Action Plan; Costings for strategy items	1	3,740.00	
EFT31763	30/11/2018	COLLEAGUES PRINT SOLUTIONS	INFRINGEMENT NOTICE BOOK X 20	1		575.00
INV R38252	19/11/2018	COLLEAGUES PRINT SOLUTIONS	INFRINGEMENT NOTICE BOOK X 20	1	575.00	
EFT31764	30/11/2018	COUNTRY COPIERS NORTHAM	ADMIN COLOUR COPIER SERVICE/METER READING	1		2,429.01
INV S7285	07/11/2018	COUNTRY COPIERS NORTHAM	ADMIN COLOUR COPIER SERVICE/METER READING	1	2,429.01	
EFT31765	30/11/2018	COUNTRYWIDE GROUP	EDGER BLADES	1		154.00
INV 26493	23/11/2018	COUNTRYWIDE GROUP	HONDA 19" CUT HEAVY DUTY 2.5MM BLADES - GA	1	54.00	
INV 26232	23/10/2018	COUNTRYWIDE GROUP	SPARES PART NUMBER BNC7628 (PKT 2) EDGER BLADES	1	100.00	
EFT31766	30/11/2018	COURIER AUSTRALIA	COURIER AUSTRALIA FREIGHT CHARGERS 02/11/2018	1		164.02
INV 0378	02/12/2018	COURIER AUSTRALIA	COURIER AUSTRALIA FREIGHT CHARGERS 02/11/2018	1	164.02	
EFT31767	30/11/2018	CTI SECURITY SYSTEMS PTY LTD T/AS SECURUS	MEMORIAL HALL. REPAIR SECURITY SYSTEM AFTER ROOF LEAK FAULTED SYSTEM.	1		275.00

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INV 111967	17/10/2018	CTI SECURITY SYSTEMS PTY LTD T/AS SECURUS	MEMORIAL HALL. REPAIR SECURITY SYSTEM AFTER ROOF LEAK FAULTED SYSTEM.	1	275.00	
EFT31768	30/11/2018	DANIELS HEALTH SERVICES PTY LTD	CLACKLINE TOILETS. SUPPLY INSTALL AND SERVICE 2 X SECURESMART SHARPS CONTAINERS.	1		1,339.98
INV 1699912	31/10/2018	DANIELS HEALTH SERVICES PTY LTD	BAKERS HILL PUBLIC TOILETS - SERVICING OF SHARPS SAFES OCTOBER 2018.	1	180.18	
INV 1699914	31/10/2018	DANIELS HEALTH SERVICES PTY LTD	APEX PARK PUBLIC TOILETS - SERVICING OF SHARPS SAFES OCTOBER 2018.	1	180.18	
INV 1699913	31/10/2018	DANIELS HEALTH SERVICES PTY LTD	BERNARD PARK PUBLIC TOILETS - SERVICING OF SHARPS SAFES OCTOBER 2018.	1	180.18	
INV 1699915	31/10/2018	DANIELS HEALTH SERVICES PTY LTD	WUNDOWIE PUBLIC TOILETS - SERVICING OF SHARPS SAFES OCTOBER 2018.	1	90.09	
INV 1699916	31/10/2018	DANIELS HEALTH SERVICES PTY LTD	CLACKLINE TOILETS. SUPPLY INSTALL AND SERVICE 2 X SECURESMART SHARPS CONTAINERS.	1	709.35	
EFT31769	30/11/2018	DMC CLEANING	CLEANING - SHIRE ADMIN BUILDING, BERNARD & APEX PARK TOILETS, NORTHAM DEPOT, NORTHAM LIBRARY, NORTHAM MEMORIAL HALL, NORTHAM VISITORS CENTRE -01/10/2018-31/10/2018	1		5,096.12
INV SON14	29/10/2018	DMC CLEANING	CLEANING - SHIRE ADMIN BUILDING, BERNARD & APEX PARK TOILETS, NORTHAM DEPOT, NORTHAM LIBRARY, NORTHAM MEMORIAL HALL, NORTHAM VISITORS CENTRE -01/10/2018-31/10/2018	1	5,096.12	
EFT31770	30/11/2018	E FIRE & SAFETY	KILLARA RESPITE CENTRE. MONTHLY FIRE PANEL TESTING FOR OCT.	1		1,338.70
INV 00227961	30/10/2018	E FIRE & SAFETY	REC CENTRE. CORRECTIVE ACTIONS TO FIRE PANEL AS PER REPORT QUOTE 6651.2CR.	1	407.00	
INV 00228061	30/10/2018	E FIRE & SAFETY	TOWN & LESSER HALL. MONTHLY FIRE PANEL TESTING FOR OCT.	1	162.80	
INV 00228072	30/10/2018	E FIRE & SAFETY	REC CENTRE. MONTHLY FIRE PANEL TESTING FOR OCT.	1	236.50	
INV 00228074	30/10/2018	E FIRE & SAFETY	KILLARA RESPITE CENTRE. MONTHLY FIRE PANEL TESTING FOR OCT.	1	532.40	
EFT31771	30/11/2018	EASIFLEET	Payroll deductions	1		2,269.90
INV DEDUCT27	11/2018	EASIFLEET	Payroll deductions		1,194.12	

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INV DEDUCT27/11/2018		EASIFLEET	Payroll deductions		1,075.78	
EFT31772	30/11/2018	JH COMPUTER SERVICES PTY LTD	UPGRADES TO COMPUTER HARDWARE	1		76,923.00
INV 0000187626/10/2018		JH COMPUTER SERVICES PTY LTD	UPGRADES TO COMPUTER HARDWARE	1	10,648.00	
INV 0001876508/11/2018		JH COMPUTER SERVICES PTY LTD	UPGRADES TO COMPUTER HARDWARE	1	3,080.00	
INV 0000187630/10/2018		JH COMPUTER SERVICES PTY LTD	UPGRADES TO COMPUTER HARDWARE	1	32,835.00	
INV 0000187608/11/2018		JH COMPUTER SERVICES PTY LTD	UPGRADES TO COMPUTER HARDWARE	1	15,950.00	
INV 0000187613/11/2018		JH COMPUTER SERVICES PTY LTD	UPGRADE OF COMPUTER SYSTEM	1	12,650.00	
INV 0000188023/11/2018		JH COMPUTER SERVICES PTY LTD	BLOCK HOUR PURCHASE AS PER SERVICE AGREEMENT FOR 11 HOURS	1	1,760.00	
EFT31773	30/11/2018	KOTA HOLDINGS PTY LTD	STOCK PURCHASES FOR VISITORS CENTRE	1		363.22
INV 3294	19/11/2018	KOTA HOLDINGS PTY LTD	STOCK PURCHASES FOR VISITORS CENTRE	1	363.22	
EFT31774	30/11/2018	LANDGATE	RURAL UV INTERIM VALUATION SHARED	1		208.95
INV 343650-1024/10/2018		LANDGATE	MINING TENEMENTS CHARGEABLE SCHEDULE NO M2018/6 DATED 6/9/2018 TO 10/10/2018.	1	46.80	
INV 342409-1003/09/2018		LANDGATE	MINIMUM CHARGE	1	39.00	
INV 343674-1024/10/2018		LANDGATE	RURAL UV INTERIM VALUATION SHARED	1	123.15	
EFT31775	30/11/2018	LAWN DOCTOR	TOPDRESS HENRY STREET OVAL WITH RECYCLE TOPDRESSER	1		2,849.00
INV 0071851727/11/2018		LAWN DOCTOR	TOPDRESS HENRY STREET OVAL WITH RECYCLE TOPDRESSER	1	2,849.00	
EFT31776	30/11/2018	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	2018 - 2019 COUNCIL CORPORATE MEMBERSHIP	1		1,863.00
INV 8263	11/07/2018	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	2018 - 2019 COUNCIL CORPORATE MEMBERSHIP	1	1,863.00	
EFT31777	30/11/2018	LUCY'S TEAROOMS	MIXED SANDWICHES (1.5 ROUNDS PER PERSON)	1		600.00
INV 1761	31/10/2018	LUCY'S TEAROOMS	CATERING - COUNCIL FORUM MEETING 10/10/2018	1	240.00	
INV 1755	30/10/2018	LUCY'S TEAROOMS	MIXED SANDWICHES (1.5 ROUNDS PER PERSON)	1	360.00	



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EFT31778	30/11/2018	MALINOWSKI HOLDINGS PTY LTD	RENT FOR 174 FITZGERALD STREET, NORTHAM - OCTOBER 2018.	1		1,833.32
INV 02715	28/10/2018	MALINOWSKI HOLDINGS PTY LTD	RENT FOR 174 FITZGERALD STREET, NORTHAM - NOVEMBER 2018.	1	916.66	
INV 02702	26/09/2018	MALINOWSKI HOLDINGS PTY LTD	RENT FOR 174 FITZGERALD STREET, NORTHAM - OCTOBER 2018.	1	916.66	
EFT31779	30/11/2018	MARKETFORCE	PUBLIC NOTICE IN THE WEST AUSTRALIAN 6/10/2018 RFT 7 OF 2018 - SUPPLY AND LAY ARTIFICIAL HOCKEY PLAYING SURFACE	1		4,934.84
INV 24415	25/10/2018	MARKETFORCE	PUBLIC NOTICE - DISPOSAL OF PROPERTY AIRPORT HANGAR LOT 14 & 15 WEST AUSTRALIAN 29/09/2018	1	695.82	
INV 24414	25/10/2018	MARKETFORCE	PUBLIC NOTICE - ADOPTION OF LOCAL LAW ACTIVITIES IN THOROUGHFARES AND PUBLIC PLACES AND TRADING 2ND AMENDMENT LOCAL LAW 2018 WEST AUSTRALIAN 29/09/2018	1	791.35	
INV 24412	25/10/2018	MARKETFORCE		1	495.07	
INV 24409	25/10/2018	MARKETFORCE	PUBLIC NOTICE - TENDER 6 OF 2018, PROVISION OF TREE PRUNING, TREE REMOVAL AND ASSOCIATED WORKS ADVOCATE 3/10/2018	1	252.65	
INV 24408	25/10/2018	MARKETFORCE	PUBLIC NOTICE - DISPOSAL OF PROPERTY AIRPORT HANGAR LOT 14 & 15 ADVOCATE 3/10/2018	1	216.79	
INV 24407	25/10/2018	MARKETFORCE	PUBLIC NOTICE - ADOPTION OF LOCAL LAW ACTIVITIES IN THOROUGHFARES AND PUBLIC PLACES AND TRADING 2ND AMENDMENT LOCAL LAW 2018 ADVOCATE 3/10/2018	1	234.72	
INV 24406	25/10/2018	MARKETFORCE	PUBLIC NOTICE - CHANGE OF NOVEMBER COUNCIL MEETING LOCATION AND PROPOSED EXTENSION TO RETAIL TRADING HOURS NEW YEARS DAY ADVOCATE 3/10/2018	1	306.44	
INV 24416	25/10/2018	MARKETFORCE	PUBLIC NOTICE IN WEST AUSTRALIAN 6/10/2018 PROPOSED 8 YEAR REVIEW OF LOCAL LAWS	1	685.21	
INV 24413	25/10/2018	MARKETFORCE	PUBLIC NOTICE IN THE WEST AUSTRALIAN 6/10/2018 RFT 7 OF 2018 - SUPPLY AND LAY ARTIFICIAL HOCKEY PLAYING SURFACE	1	823.21	



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INV 24411	25/10/2018	MARKETFORCE	PUBLIC NOTICE IN AVON VALLEY ADVOCATE 10/10/2018	1	198.86	
INV 24410	25/10/2018	MARKETFORCE	PROPOSED 8 YEAR REVIEW OF LOCAL LAWS NOTICE OF ADVERTISEMENT OF PLANNING PROPOSAL IN THE AVON VALLEY ADVOCATE 10/10/2018 FAST FOOD OUTLET - PROPOSED KFC	1	234.72	
EFT31780	30/11/2018	MELISSA JEAN WESTERSIDE	REIMBURSEMENT FOR POLICE CLEARANCE	1		49.00
INV 200W41616	16/11/2018	MELISSA JEAN WESTERSIDE	REIMBURSEMENT FOR POLICE CLEARANCE	1	49.00	
EFT31781	30/11/2018	META MAYA GROUP PTY LTD	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - JOINERY 01 (CABINETS) FOR BKB	1		18,568.00
INV 4200105614	11/2018	META MAYA GROUP PTY LTD	JOINERY WORKS FOR THE GRAPHIC RIBBON AT THE BKB	1	4,339.50	
INV 4200106214	11/2018	META MAYA GROUP PTY LTD	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - JOINERY 01 (CABINETS) FOR BKB	1	9,080.50	
INV 4200105914	11/2018	META MAYA GROUP PTY LTD	NORTHAM ABORIGINAL ENVIRONMENTAL AND INTERPRETIVE CENTRE INTERIOR FIT OUT - JOINERY 02 (BATTENED SCREENS) FOR BKB	1	5,148.00	
EFT31782	30/11/2018	NINGA NUNTHALEE	STOCK PURCHASES FOR BKB	1		742.50
INV 007	20/11/2018	NINGA NUNTHALEE	STOCK PURCHASES FOR BKB	1	742.50	
EFT31784	30/11/2018	NORTHAM AMATEUR BASKETBALL ASSOCIATION	KIDSPORT FUNDING	1		590.00
INV KS0268921	11/2018	NORTHAM AMATEUR BASKETBALL ASSOCIATION	KIDSPORT FUNDING	1	590.00	
EFT31785	30/11/2018	NORTHAM BETTA ELECTRICAL	WIRELESS MOUSE	1		29.00
INV 2957261217	10/2018	NORTHAM BETTA ELECTRICAL	WIRELESS MOUSE	1	29.00	
EFT31786	30/11/2018	NORTHAM CHURCH OF CHRIST	COMMUNITY GRANTS 2018/2019	1		5,000.00
INV 0000251320	09/2018	NORTHAM CHURCH OF CHRIST	COMMUNITY GRANTS 2018/2019	1	5,000.00	
EFT31787	30/11/2018	NORTHAM CLEANING SERVICE	WUNDOWIE LIBRARY, CLEANING FOR OCTOBER 2018	1		3,469.50

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INV INV-006101/11/2018		NORTHAM CLEANING SERVICE	WUNDOWIE DEPOT. CLEANING FOR OCTOBER 2018.	1	264.00	
INV INV-006101/11/2018		NORTHAM CLEANING SERVICE	WUNDOWIE LIBRARY. CLEANING FOR OCTOBER 2018.	1	1,386.00	
INV INV-006101/11/2018		NORTHAM CLEANING SERVICE	WUNDOWIE HALL. CLEANING FOR OCTOBER 2018.	1	867.25	
INV INV-006001/07/2018		NORTHAM CLEANING SERVICE	CLEANING WUNDOWIE DEPOT - JUNE 2018.	1	132.00	
INV INV-006001/07/2018		NORTHAM CLEANING SERVICE	CLEANING WUNDOWIE LIBRARY JUNE 2018.	1	462.00	
INV INV-006001/07/2018		NORTHAM CLEANING SERVICE	WUNDOWIE HALL. EMERGENCY CLEANING FOR WHEN OTHER CONTRACTOR WAS RUSHED TO HOSPITAL. JUNE 2018.	1	358.25	
EFT31788	30/11/2018	NORTHAM COUNTRY CLUB INC	SENIOR SPORT FUNDING	1		100.00
INV 2478	26/11/2018	NORTHAM COUNTRY CLUB INC	SENIOR SPORT FUNDING	1	100.00	
EFT31789	30/11/2018	NORTHAM DISCOUNT DRUG STORE	1KG OF CONDIES CRYSTALS	1		12.99
INV 1054224	16/10/2018	NORTHAM DISCOUNT DRUG STORE	1KG OF CONDIES CRYSTALS	1	12.99	
EFT31790	30/11/2018	NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS OCTOBER 2018.	1		280.50
INV 0001719	13/11/2018	NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS NOVEMBER 2018.	1	33.00	
INV 0000172622/11/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS NOVEMBER 2018.	1	33.00	
INV 0000170809/11/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS NOVEMBER 2018.	1	16.50	
INV 0000170707/11/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS NOVEMBER 2018.	1	33.00	
INV 0000166119/10/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS OCTOBER 2018.	1	33.00	
INV 0000167726/10/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS - OCTOBER 2018.	1	33.00	
INV 0000167626/10/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS - OCTOBER 2018.	1	33.00	
INV 0000166222/10/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS OCTOBER 2018	1	33.00	

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INV 0000172016/11/2018		NORTHAM FEED & HIRE	DOG & CAT FOOD & OTHER MISCELLANEOUS ITEMS NOVEMBER 2018.	1	33.00	
EFT31791	30/11/2018	NORTHAM MITRE 10 SOLUTIONS	ORDER CODE 4224 011 2803 - CONCRETE CUTTER TS 700	1		4,598.21
INV 1034141501/10/2018		NORTHAM MITRE 10 SOLUTIONS	500ML ROSE SHEILD SPRAY	1	41.62	
INV 1034558612/10/2018		NORTHAM MITRE 10 SOLUTIONS	1 X 10L TIM OF FENCE PAINT (PICKED UP BY MENS SHED)	1	62.70	
INV 1034251204/10/2018		NORTHAM MITRE 10 SOLUTIONS	RETICULATION PARTS FOR TOWN HALL GARDENS	1	19.57	
INV 1034157901/10/2018		NORTHAM MITRE 10 SOLUTIONS	ISOLATION TAP TO BE INSTALLED IN BERNARD PARK (FOOTPATH WORKS)	1	19.13	
INV 1034184902/10/2018		NORTHAM MITRE 10 SOLUTIONS	RETICULATION PARTS FOR BERNARD PARK WATER FOUNTAIN	1	23.40	
INV 1034262904/10/2018		NORTHAM MITRE 10 SOLUTIONS	SPRINKLER FOR NORTHAM POOL	1	85.41	
INV 1034270104/10/2018		NORTHAM MITRE 10 SOLUTIONS	SPRINKLER FOR NORTHAM POOL	1	10.00	
INV 1034978424/10/2018		NORTHAM MITRE 10 SOLUTIONS	ORDER CODE 4224 011 2803 - CONCRETE CUTTER TS 700	1	2,939.00	
INV 1035262131/10/2018		NORTHAM MITRE 10 SOLUTIONS	PALLET OF CEMENT (56 BAGS)	1	518.00	
INV 1035261231/10/2018		NORTHAM MITRE 10 SOLUTIONS	NUTS AND BOLTS FOR SIGN INSTALLATIONS	1	172.56	
INV 1035270331/10/2018		NORTHAM MITRE 10 SOLUTIONS	RETICULATION FITTINGS FOR NORTHAM POOL GARDENS	1	29.97	
INV 1035286131/10/2018		NORTHAM MITRE 10 SOLUTIONS	RETICULATION FITTINGS FOR NORTHAM POOL GARDENS	1	85.41	
INV 1032652220/08/2018		NORTHAM MITRE 10 SOLUTIONS	SHEEP MANURE (BAGS)	1	113.53	
INV 1034904722/10/2018		NORTHAM MITRE 10 SOLUTIONS	DRILL BITS	1	10.00	
INV 1034949823/10/2018		NORTHAM MITRE 10 SOLUTIONS	BAG OF CEMENT	1	92.50	
INV 1035051925/10/2018		NORTHAM MITRE 10 SOLUTIONS	BATTERIES	1	24.60	
INV 1033288007/09/2018		NORTHAM MITRE 10 SOLUTIONS	TRESSEL TABLE	1	245.00	
INV 1034795719/10/2018		NORTHAM MITRE 10 SOLUTIONS	STEEL BINS WITH LIDS	1	105.81	
EFT31792	30/11/2018	NORTHAM SCOUT GROUP	KIDSPORT FUNDING	1		150.00
INV KS0269626/11/2018		NORTHAM SCOUT GROUP	KIDSPORT FUNDING	1	150.00	



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EFT31793	30/11/2018	OCHRE IMAGES	TRAVEL EXPENSES TO PICK UP ARTWORK FROM BILYA KOORT BOODIA (V.I.P OPENING NIGHT)	1		100.00
INV 48	28/08/2018	OCHRE IMAGES	TRAVEL EXPENSES TO PICK UP ARTWORK FROM BILYA KOORT BOODIA (V.I.P OPENING NIGHT)	1	100.00	
EFT31794	30/11/2018	OFFICEWORKS SUPERSTORES PTY LTD	STATIONERY FOR CESM	1		1,745.06
INV 4096472014/11/2018		OFFICEWORKS SUPERSTORES PTY LTD	STATIONERY FOR ADMIN OFFICE	1	518.56	
INV 4096481015/11/2018		OFFICEWORKS SUPERSTORES PTY LTD	STATIONERY FOR CESM	1	70.16	
INV 4096544915/11/2018		OFFICEWORKS SUPERSTORES PTY LTD	STATIONERY FOR CESM	1	947.95	
INV 4097758815/11/2018		OFFICEWORKS SUPERSTORES PTY LTD	SATATIONERY FOR CESM	1	37.90	
INV 4096472014/11/2018		OFFICEWORKS SUPERSTORES PTY LTD	SATATIONERY FOR CESM	1	170.49	
EFT31795	30/11/2018	OXTER SERVICES	SENIORS MEMORIAL HALL. INSTALL CONCRETE FOOTING FOR MONUMENT.	1		412.14
INV 20535	16/11/2018	OXTER SERVICES	SENIORS MEMORIAL HALL. INSTALL CONCRETE FOOTING FOR MONUMENT.	1	330.00	
INV 20525	14/11/2018	OXTER SERVICES	TOILETRIES REQUIRED FOR THE PUBLIC TOILETS AT THE AIRFIELD	1	82.14	
EFT31796	30/11/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	PLEASE LOOK AT BACKUP DRIVES, SET UP NEW SSL CERTIFICATE, PLEASE CHECK INTERNAL CORRESPONDENT ISSUES, CHANGE OFFICER DETAILS	1		1,090.00
INV 24153	13/11/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	PLEASE LOOK AT REC CENTRE CALENDER & RESTORE FOLDER POSITIONS ON THE REC MANAGERS FOLDER	1	297.50	
INV 24119	30/10/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	BACKUPS FOR THE MONTH	1	85.00	
INV 23424	22/03/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	1 TB SEAGATE HARD DISK	1	195.00	
INV 24091	23/10/2018	PERFECT COMPUTER SOLUTIONS PTY LTD	PLEASE LOOK AT BACKUP DRIVES, SET UP NEW SSL CERTIFICATE, PLEASE CHECK INTERNAL CORRESPONDENT ISSUES, CHANGE OFFICER DETAILS	1	512.50	
EFT31797	30/11/2018	POOL ROBOTICS PERTH	REPAIRS FOR AUTOMATIC VACUUM CLEANER	1		698.10
INV 01251	30/10/2018	POOL ROBOTICS PERTH	REPAIRS FOR AUTOMATIC VACUUM CLEANER	1	698.10	
EFT31798	30/11/2018	POWER DESMOND JOHN	KILLARA RESPITE CENTRE. SCRAPE, PRIME AND REPAINT CORNICE IN THE KITCHEN FOR COMPLIANCE.	1		264.00



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INV 52113	25/11/2018	POWER DESMOND JOHN	KILLARA RESPITE CENTRE. SCRAPE, PRIME AND REPAINT CORNICE IN THE KITCHEN FOR COMPLIANCE.	1	264.00	
EFT31799	30/11/2018	PRITCHARD BOOKBINDERS	BINDING OF COUNCIL MINUTES SEPTEMBER 2017 TO DECEMBER 2017 - 2 PARTS	1		262.90
INV INV-352130/10/2018		PRITCHARD BOOKBINDERS	BINDING OF COUNCIL MINUTES SEPTEMBER 2017 TO DECEMBER 2017 - 2 PARTS	1	185.90	
INV INV-352030/10/2018		PRITCHARD BOOKBINDERS	BINDING OF COUNCIL MINUTE BOOK SEPTEMBER 2016 TO DECEMBER 2016	1	77.00	
EFT31800	30/11/2018	PROFESSIONAL LOCKSERVICE	STAND PIPES. SUPPLY 1 X FIRE 01 PADLOCKS WITH LONGER SHANK.	1		1,050.50
INV 0010322022/11/2018		PROFESSIONAL LOCKSERVICE	OLD GIRLS SCHOOL. SUPPLY AND DELIVER TO SITE, 3 X AA6 KEYS	1	71.50	
INV 0010322322/11/2018		PROFESSIONAL LOCKSERVICE	STAND PIPES. SUPPLY 1 X FIRE 01 PADLOCKS WITH LONGER SHANK.	1	979.00	
EFT31801	30/11/2018	PROMAPP SOLUTIONS LIMITED	PROMAPP MONTHLY SUBSCRIPTION - OCTOBER 2018.	1		3,190.00
INV INV-145925/10/2018		PROMAPP SOLUTIONS LIMITED	PROMAPP MONTHLY SUBSCRIPTION - OCTOBER 2018.	1	1,595.00	
INV INV-168525/11/2018		PROMAPP SOLUTIONS LIMITED	PROMAPP MONTHLY SUBSCRIPTION - NOVEMBER 2018	1	1,595.00	
EFT31802	30/11/2018	QUIN'S GOURMET BUTCHERS	2 KG KANGAROO SAUSAGES	1		31.00
INV 242331	06/11/2018	QUIN'S GOURMET BUTCHERS	2 KG KANGAROO SAUSAGES	1	31.00	
EFT31803	30/11/2018	RETAIL DECISIONS (COLES)	COLES PURCHASES FOR OCTOBER 2018 - NICOLE HAMPTON, SUSAN BURLEY, BEV BULL, ALISON ROWLAND, KRISTY ROBINSON, ALYSHA MAXWELL, WENDY SOFOULIS, KIM COLBOURNE, BROOKE EVANS, MICHELLE WINMAR	1		2,324.43
INV OCTOBE31/10/2018		RETAIL DECISIONS (COLES)	COLES PURCHASES FOR OCTOBER 2018 - NICOLE HAMPTON, SUSAN BURLEY, BEV BULL, ALISON ROWLAND, KRISTY ROBINSON, ALYSHA MAXWELL, WENDY SOFOULIS, KIM COLBOURNE, BROOKE EVANS, MICHELLE WINMAR	1	2,324.43	
EFT31804	30/11/2018	SPECIALE SMASH REPAIRS	REPAIR DAMAGE TO FRONT BUMPER CAUSED BY COLLISION WITH A KANGAROO. MAZDA CX5 PN152 - N10734	1		1,076.45

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INV 17851/1	23/11/2018	SPECIALE SMASH REPAIRS	REPAIR DAMAGE TO FRONT BUMPER CAUSED BY COLLISION WITH A KANGAROO. MAZDA CX5 PN152 - N10734	1	1,076.45	
EFT31805	30/11/2018	ST JOHN AMBULANCE AUSTRALIA (WA) INC.	EVACUATION GRAB BAG FOR THE NORTHAM DEPOT	1		47.96
INV CYINV0008/11/2018		ST JOHN AMBULANCE AUSTRALIA (WA) INC.	EVACUATION GRAB BAG FOR THE NORTHAM DEPOT	1	47.96	
EFT31806	30/11/2018	STAGECRAFT	TOWN HALL. REPAIR STAGE CURTAIN TO OPEN/CLOSE PROPERLY.	1		550.00
INV 0001135531/10/2018		STAGECRAFT	TOWN HALL. REPAIR STAGE CURTAIN TO OPEN/CLOSE PROPERLY.	1	550.00	
EFT31807	30/11/2018	STALLION BUILDING CO PTY LTD	SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS AS PER SPECIFICATIONS IN TENDER 4 OF 2018 - SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS. INCLUDING THE FOLLOWING OPTIONS: OPTION 2: TRIFOLD TIMBER DOORS & ELECTRIC	1		110,254.10
INV 999	29/11/2018	STALLION BUILDING CO PTY LTD	SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS AS PER SPECIFICATIONS IN TENDER 4 OF 2018 - SUPPLY & CONSTRUCTION OF THE GRASS VALLEY FIRE SHED EXTENSIONS. INCLUDING THE FOLLOWING OPTIONS: OPTION 2: TRIFOLD TIMBER DOORS & ELECTRIC	1	82,545.98	
INV 970	01/10/2018	STALLION BUILDING CO PTY LTD	CLAIM 2 SEPTEMBER 2018 - FOR WORK DONE AT THE GRASS VALLEY FIRE SHED	1	27,708.12	
EFT31808	30/11/2018	SWAN EVENT HIRE	MANOR FENCING (32 LENGTHS) 23 NOV-4 JAN FOR CHRISTMAS DECORATIONS	1		2,465.00
INV 12586	23/11/2018	SWAN EVENT HIRE	MANOR FENCING (32 LENGTHS) 23 NOV-4 JAN FOR CHRISTMAS DECORATIONS	1	2,465.00	
EFT31809	30/11/2018	TIA HUNT	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1		54.30
INV 2350439	27/11/2018	TIA HUNT	REIMBURSEMENT FOR POLICE CLEARANCE APPLICATION.	1	54.30	
EFT31810	30/11/2018	TOURIST DESIGNS	STOCK PURCHASES FOR VISITORS CENTRE.	1		776.37

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INV TD05426	19/11/2018	TOURIST DESIGNS	STOCK PURCHASES FOR VISITORS CENTRE.	1	776.37	
EFT31811	30/11/2018	VERNICE PTY LTD	OLD QUARRY ROAD WASTE MANAGEMENT FACILITY FIRE BREAKS 2018	1		2,420.00
INV 6257	20/11/2018	VERNICE PTY LTD	OLD QUARRY ROAD WASTE MANAGEMENT FACILITY FIRE BREAKS 2018	1	2,420.00	
EFT31812	30/11/2018	WA CONTRACT RANGER SERVICES	PROVISION OF RELIEF RANGER - 29-10-2018 TO 30-11-2018	1		6,440.50
INV 01849	24/11/2018	WA CONTRACT RANGER SERVICES	PROVISION OF RELIEF RANGER - 29-10-2018 TO 30-11-2018	1	6,440.50	
EFT31813	30/11/2018	WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	2019 WALGA DESKPAD'S	1		235.20
INV I3074090	20/11/2018	WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	2019 WALGA DESKPAD'S	1	235.20	
EFT31814	30/11/2018	WOOLFITT HOME IMPROVEMENTS & MAINTENANCE	WUNDOWIE FOOTBALL PAVILION.INSTALL STEEL	1		225.00
INV 2018002	13/11/2018	WOOLFITT HOME IMPROVEMENTS & MAINTENANCE	WUNDOWIE FOOTBALL PAVILION.INSTALL STEEL	1	225.00	
35047	02/11/2018	PETTY CASH	POOL FLOAT FOR NORTHAM POOL 2018/2019	1		800.00
INV P/C N/P	F01/11/2018	PETTY CASH	PETTY CASH NORTHAM POOL FLOAT 2018/2019.	1	150.00	
INV P/C - WU	01/11/2018	PETTY CASH	PETTY CASH FLOAT FOR WUNDOWIE POOL 2018/2019.	1	150.00	
INV P/C WUN	01/11/2018	PETTY CASH	POOL FLOAT FOR WUNDOWIE POOL SEASON 2018/2019.	1	200.00	
INV NORTHAM	01/11/2018	PETTY CASH	POOL FLOAT FOR NORTHAM POOL 2018/2019	1	300.00	
35048	02/11/2018	SHIRE OF NORTHAM SOCIAL CLUB	Payroll deductions	1		115.00
INV DEDUCT	30/10/2018	SHIRE OF NORTHAM SOCIAL CLUB	Payroll deductions		115.00	
35049	02/11/2018	SYNERGY	ELECTRICITY FOR VARIOUS SHIRE BUILDINGS - 05/09/2018 TO 05/10/2018.	1		27,889.59
INV 8110294723	10/2018	SYNERGY	WUNDOWIE POOL 23/08/2018-23/10/2018	1	3,922.10	
INV 7921766205	10/2018	SYNERGY	ELECTRICITY FOR VARIOUS SHIRE BUILDINGS - 05/09/2018 TO 05/10/2018.	1	23,967.49	



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35050	02/11/2018	TELSTRA CORPORATION	BUSHFIRE BRIGADE - 0/10/2018-09/11/2018	1		216.90
INV 2726008910/10/2018		TELSTRA CORPORATION	BUSHFIRE BRIGADE - 0/10/2018-09/11/2018	1	176.95	
INV 2000049020/10/2018		TELSTRA CORPORATION	3 HENRY ST NORTHAM 15/09/2018-14/10/2018	1	39.95	
35051	02/11/2018	WATER CORPORATION	WUNDOWIE SWIMMING POOL 22/10/2018-22/08/2018	1		873.84
INV 9007869123/10/2018		WATER CORPORATION	KINDERGARTEN WUNDOWIE 22/10/2018-22/08/2018	1	127.76	
INV 9007869123/10/2018		WATER CORPORATION	WUNDOWIE HALL 22/10/2018-22/08/2018	1	253.46	
INV 9007869123/10/2018		WATER CORPORATION	WUNDOWIE LIBRARY 22/10/2018-22/08/2018	1	94.24	
INV 9007868923/10/2018		WATER CORPORATION	WUNDOWIE TOILETS 22/10/2018-22/08/2018	1	123.46	
INV 9007868523/10/2018		WATER CORPORATION	WUNDOWIE SWIMMING POOL 22/10/2018-22/08/2018	1	274.92	
35052	13/11/2018	COMMISSIONER OF POLICE	ROAD CLOSURE FORM - CHRISTMAS ON FITZGERALD 30/11/2018.	1		80.90
INV VW0811208/11/2018		COMMISSIONER OF POLICE	ROAD CLOSURE FORM - CHRISTMAS ON FITZGERALD 30/11/2018.	1	80.90	
35053	15/11/2018	BRAIN JACOBSEN	BULK REGISTRAION FEE ISSUED IN ERROR - NOT APPLICABLE TO GREHOUND REGISTERED UNDER RACING & WAGERING.	1		200.00
INV 118212	29/10/2018	BRAIN JACOBSEN	BULK REGISTRAION FEE ISSUED IN ERROR - NOT APPLICABLE TO GREHOUND REGISTERED UNDER RACING & WAGERING.	1	200.00	
35054	15/11/2018	PETTY CASH	PETTY CASH REIMBURSMENT FOR KILLARA - 22/8/2018 TO 22/10/2018.	1		460.80
INV P/C KILL22/10/2018		PETTY CASH	PETTY CASH REIMBURSMENT FOR KILLARA - 22/8/2018 TO 22/10/2018.	1	460.80	
35055	15/11/2018	SHIRE OF NORTHAM SOCIAL CLUB	Payroll deductions	1		110.00
INV DEDUCT13/11/2018		SHIRE OF NORTHAM SOCIAL CLUB	Payroll deductions		110.00	
35056	15/11/2018	SYNERGY	STREET LIGHTS- 02/10/2018 TO 01/11/2018.	1		28,606.85
INV 9152416401/11/2018		SYNERGY	AUXILLARY LIGHTING CHARGES - 02/10/2018 TO 01/11/2018.	1	127.75	



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INV 1686149901/11/2018		SYNERGY	STREET LIGHTS- 02/10/2018 TO 01/11/2018.	1	22,712.95	
INV 3619900323/10/2018		SYNERGY	WUNDOWIE OVAL PUMP 23/8/2018 TO 23/10/2018.	1	226.85	
INV 1819945018/10/2018		SYNERGY	KILLARA NEW BUILDING 20/9/2018 TO 18/10/2018.	1	826.30	
INV 1603961219/10/2018		SYNERGY	CLACKLINE FIRE SHED 21/8/2018 TO 19/10/2018.	1	136.15	
INV 1585097619/10/2018		SYNERGY	BAKERS HILL FIRE STATION 21/8/2018 TO 19/10/2018	1	190.90	
INV 4449973023/10/2018		SYNERGY	WUNDOWIE LIBRARY -TELECENTRE - 23/8/2018 TO 23/10/2018.	1	435.95	
INV 0353464124/10/2018		SYNERGY	HOOPER PARK GEH B/HILL 24/8/2018 TO 24/10/2018	1	219.95	
INV 9626429923/10/2018		SYNERGY	MEDICAL CENTRE - 23/8/2018 TO 23/10/2018.	1	109.75	
INV 3053076123/10/2018		SYNERGY	AGED ACCOMMODATION WUNDOWIE - 23/8/2018 TO 23/10/2018.	1	67.35	
INV 3706392323/10/2018		SYNERGY	WUNDOWIE TOWN HALL 23/8/2018 TO 23/10/2018.	1	431.40	
INV 9168227523/10/2018		SYNERGY	WUNDOWIE TENNIS CLUB 23/8/2018 TO 23/10/2018.	1	124.95	
INV 3006770723/10/2018		SYNERGY	WUNDOWIE FOOTY PAVILLION 23/8/2018 TO 23/10/2018.	1	186.60	
INV 9812925722/10/2018		SYNERGY	BAKERS HILL REC CENTRE - 22/8/2018 TO 22/10/2018.	1	834.90	
INV 7968413418/10/2018		SYNERGY	SHIRE ADMIN BUILDING - 02/10/2018 TO 18/10/2018.	1	1,027.00	
INV 2886267419/10/2018		SYNERGY	CLACKLINE HALL 21/8/2018 TO 19/10/2018	1	115.70	
INV 4879640423/10/2018		SYNERGY	YOUTH ADVISORY COUNCIL 23/8/2018 TO 23/10/2018	1	117.20	
INV 1422759523/10/2018		SYNERGY	WUNDOWIE OVAL 23/8/2018 TO 23/10/2018.	1	378.25	
INV 1640077123/10/2018		SYNERGY	WUNDOWIE DEPOT 23/8/2018 TO 23/10/2018.	1	336.95	
35057	15/11/2018	TELSTRA CORPORATION	VARIOUS MOBILE ACCOUNTS OCTOBER-NOVEMBER 2018.	1		3,926.36
INV 2726008928/10/2018		TELSTRA CORPORATION	VARIOUS MOBILE ACCOUNTS OCTOBER-NOVEMBER 2018.	1	3,926.36	
35058	15/11/2018	WATER CORPORATION	REPAIR BURST/LEAKING PIPE - 4617 GREAT EASTERN HWY BAKERS HILL.	1		9,653.63
INV 9007951119/10/2018		WATER CORPORATION	STANDPIPE GRASS VALLEY - 13/08/2018-17/10/2018	1	44.36	

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INV 9007872224/10/2018		WATER CORPORATION	UNIT 5 KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	249.25	
INV 9007872224/10/2018		WATER CORPORATION	UNIT 4 KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	248.36	
INV 9007872224/10/2018		WATER CORPORATION	UNIT 3 KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	241.23	
INV 9007872224/10/2018		WATER CORPORATION	UNIT 2 KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	229.73	
INV 9007872224/10/2018		WATER CORPORATION	UNIT 1 KURINGAL VILLAGE 22/08/2018 - 23/10/2018	1	225.27	
INV 9007950319/10/2018		WATER CORPORATION	STANDPIPE GRASS VALLEY - 13/08/2018-17/10/2018	1	44.36	
INV 9007949717/10/2018		WATER CORPORATION	STANDPIPE AVON HILLS - 08/08/2018-16/10/2018	1	130.52	
INV 9007949919/10/2018		WATER CORPORATION	STANDPIPE AVON HILLS - 14/08/2018-18/10/2018	1	46.89	
INV 9007943522/10/2018		WATER CORPORATION	STANDPIPE MOKINE - 17/08/2018-19/10/2018	1	2.53	
INV 9007872224/10/2018		WATER CORPORATION	KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	43.10	
INV 9007872324/10/2018		WATER CORPORATION	UNIT 8 KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	254.60	
INV 9007872324/10/2018		WATER CORPORATION	UNIT 7 KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	230.62	
INV 9007872224/10/2018		WATER CORPORATION	UNIT 6 KURINGAL VILLAGE - 22/08/2018-23/10/2018	1	253.70	
INV 9007871923/10/2018		WATER CORPORATION	WUNDOWIE DEPOT 23/8/2018 TO 22/10/2018.	1	35.48	
INV 9007871823/10/2018		WATER CORPORATION	RESERVE 23/8/2018 TO 22/10/2018.	1	202.19	
INV 9007871923/10/2018		WATER CORPORATION	WUNDOWIE OVAL - 23/8/2018 TO 22/10/2018.	1	474.54	
INV 9007901605/11/2018		WATER CORPORATION	RAILWAY MUSEUM 04/9/2018 TO 02/11/2018.	1	150.75	
INV 9008729705/11/2018		WATER CORPORATION	SHIRE ADMIN BUILDING 04/9/2018 TO 02/11/2018.	1	738.56	
INV 9007908007/11/2018		WATER CORPORATION	OLD POST OFFICE BUILDING 08/9/2018 TO 06/11/2018.	1	137.90	
INV 9007906706/11/2018		WATER CORPORATION	OLD FIRE STATION 08/9/2018 TO 05/11/2018.	1	441.98	
INV 9007899905/11/2018		WATER CORPORATION	OLD FIRE STATION 08/9/2018 TO 02/11/2018.	1	84.68	
INV 9007901705/11/2018		WATER CORPORATION	PURSLOWE PARK - 08/9/2018 TO 02/11/2018.	1	549.88	
INV 9007908007/11/2018		WATER CORPORATION	OLD GIRLS SCHOOL 08/9/2018 TO 06/11/2018.	1	64.41	
INV 9007904007/11/2018		WATER CORPORATION	MEMORIAL HALL 11/09/2018 TO 06/11/2018.	1	316.29	
INV 9007903706/11/2018		WATER CORPORATION	TOWN & LESSER HALL 08/9/2018 TO 05/11/2018.	1	210.72	

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INV 9007906906/11/2018		WATER CORPORATION	OLD INFANT HEALTH CLINIC 08/9/2018 TO 05/11/2018.	1	72.60	
INV 9007945105/11/2018		WATER CORPORATION	KATRINE TOILETS 04/9/2018 TO 02/11/2018.	1	20.27	
INV 9007909706/11/2018		WATER CORPORATION	JUBILEE OVAL - 08/9/2018 TO 05/11/2018.	1	559.00	
INV 9007948207/11/2018		WATER CORPORATION	STANDPIPE AT KATRINE RD - 05/9/2018 TO 06/11/2018.	1	44.36	
INV 9022944824/07/2018		WATER CORPORATION	REPAIR BURST/LEAKING PIPE - 4617 GREAT EASTERN HWY BAKERS HILL.	1	1,374.54	
INV 9012642707/11/2018		WATER CORPORATION	GARDEN AT NIND ST - 12/9/2018 TO 06/11/2018.	1	2.53	
INV 9007950319/10/2018		WATER CORPORATION	STANDPIPE AT STHN BROOK RD 14/8/2018 TO 17/10/2018	1	959.13	
INV 9007901102/11/2018		WATER CORPORATION	PLAYGROUND AT MORRELL ST 05/9/2018 TO 01/11/2018	1	689.25	
INV 9007908107/11/2018		WATER CORPORATION	TRAFFIC ISLANDS 08/9/2018 TO 06/11/2018	1	58.28	
INV 9007961205/11/2018		WATER CORPORATION	STANDPIPE - SPENCERS BROOK RD 05/09/2018 TO 02/11/2018.	1	44.36	
INV 9007945605/11/2018		WATER CORPORATION	STANDPIPE - NORTHAM-TOODYAY RD 04/09/2018 TO 02/11/2018.	1	44.36	
INV 9007948306/11/2018		WATER CORPORATION	STANDPIPE - 05/9/2018 TO 05/11/2018.	1	49.43	
INV 9007909706/11/2018		WATER CORPORATION	SES BUILDING - 08/9/2018 TO 05/11/2018.	1	83.62	
35059	23/11/2018	SYNERGY	AIRPORT 17/09/2018-15/11/2018	1		4,278.75
INV 0929125209/11/2018		SYNERGY	GRASS VALLEY OVAL 11/09/2018-09/11/2018	1	109.85	
INV 7471705312/11/2018		SYNERGY	SKATE PARK 12/09/2018-12/11/2018	1	81.65	
INV 7968413415/11/2018		SYNERGY	SHIRE ADMN BUILDING 18/10/2018-15/11/2018	1	596.90	
INV 1365377415/11/2018		SYNERGY	AIRPORT 17/09/2018-15/11/2018	1	1,614.95	
INV 2931107314/11/2018		SYNERGY	BKB CENTRE 10/10/2018-14/11/2018	1	961.70	
INV 1819945015/11/2018		SYNERGY	KILLARA NEW BUILDINGS 18/10/2018-15/11/2018	1	734.75	
INV 9414532309/11/2018		SYNERGY	GRASS VALLEY FIRE SHED 11/09/2018-09/11/2018	1	178.95	
35060	23/11/2018	TELSTRA CORPORATION	BUSHFIRE BRIGADE	1		309.27
INV 3864754812/11/2018		TELSTRA CORPORATION	HENRY ST OVAL	1	72.32	



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INV 2726008910/11/2018		TELSTRA CORPORATION	BUSHFIRE BRIGADE	1	236.95	
35061	23/11/2018	WATER CORPORATION	BERNARD PARK 11/09/2018-12/11/2018	1		11,851.64
INV 9007908606/11/2018		WATER CORPORATION	KILLARA 07/09/2018-05/11/2018	1	1,421.09	
INV 9007916614/11/2018		WATER CORPORATION	MORBY COTTAGE 14/09/2018-13/11/2018	1	43.10	
INV 9007908713/11/2018		WATER CORPORATION	KINDERGARDEN MAY STREET 12/11/2018 TO 12/11/2018.	1	104.55	
INV 9007913513/11/2018		WATER CORPORATION	DEPOT BUILDING 15/09/2018 TO 12/11/2018.	1	400.37	
INV 9007913113/11/2018		WATER CORPORATION	DEPOT BUILDING 15/09/2018 TO 12/11/2018.	1	228.06	
INV 9007907413/11/2018		WATER CORPORATION	BERNARD PK PLAY CENTRE - 12/9/2018 TO 12/11/2018.	1	160.12	
INV 9007903913/11/2018		WATER CORPORATION	BERNARD PK PLAY CENTRE - 12/9/2018 TO 12/11/2018.	1	149.39	
INV 9007904613/11/2018		WATER CORPORATION	OLD TOWN BUILDING - 12/9/2018 TO 12/11/2018.	1	295.60	
INV 9007907313/11/2018		WATER CORPORATION	RIVERBANK TO BROOME TCE 11/09/2018-12/11/2018	1	43.08	
INV 9007929413/11/2018		WATER CORPORATION	AVON MALL 11/09/2018-12/11/2018	1	623.93	
INV 9007903904/12/2018		WATER CORPORATION	BKB CENTRE 11/09/2018-12/11/2018	1	914.77	
INV 9007917014/11/2018		WATER CORPORATION	CEMETERY 17/09/2018-13/11/2018	1	985.73	
INV 9007907404/12/2018		WATER CORPORATION	BERNARD PARK 11/09/2018-12/11/2018	1	3,168.27	
INV 9008729804/12/2018		WATER CORPORATION	VISITORS CENTRE 11/09/2018-12/11/2018	1	1,330.25	
INV 9011070413/11/2018		WATER CORPORATION	SNACKBAR 11/09/2018-12/11/2018	1	210.86	
INV 9007909713/11/2018		WATER CORPORATION	RECREATION CENTRE 12/9/2018 TO 12/11/2018.	1	1,772.47	
35062	30/11/2018	SHIRE OF NORTHAM	RETENTION OF CONTRACT 9 OF NAEIC JOINERY GRAPHICS RIBBON	1		10,030.90
INV 4200106214/11/2018		SHIRE OF NORTHAM	RETENTION OF CONTRACT 2 OF NAEIC - JOINERY CABINETS.	1	3,632.20	
INV 4200120514/11/2018		SHIRE OF NORTHAM	RETENTION OF CONTRACT 3 OF NAEIC JOINERY BATTEN SCREEN	1	2,059.20	
INV 4200105614/11/2018		SHIRE OF NORTHAM	RETENTION OF CONTRACT 9 OF NAEIC JOINERY GRAPHICS RIBBON	1	4,339.50	



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35063	30/11/2018	SHIRE OF NORTHAM SOCIAL CLUB	Payroll deductions	1		105.00
INV DEDUCT27/11/2018		SHIRE OF NORTHAM SOCIAL CLUB	Payroll deductions		105.00	
35064	30/11/2018	SYNERGY	IRISHTOWN BFB 21/09/2018-19/11/2018	1		46.60
INV 1578225619/11/2018		SYNERGY	IRISHTOWN BFB 21/09/2018-19/11/2018	1	46.60	
35065	30/11/2018	TELSTRA CORPORATION	MAINLINE PHONE ACCOUNT FOR NOVEMBER-DECEMBER 2018.	1		7,509.67
INV 9026075012/11/2018		TELSTRA CORPORATION	MAINLINE PHONE ACCOUNT FOR NOVEMBER-DECEMBER 2018.	1	7,469.72	
INV 2000490620/11/2018		TELSTRA CORPORATION	SES ACCOUNT 15/10/2018 TO 14/11/2018.	1	39.95	
35066	30/11/2018	WATER CORPORATION	STANDPIPE AT CLARKE ST 19/9/2018 TO 15/11/2018	1		9,871.75
INV 9007923621/11/2018		WATER CORPORATION	SWIMMING POOL HOUSE 20/09/2018-20/11/2018	1	270.64	
INV 9012475719/11/2018		WATER CORPORATION	VACANT LAND 14/09/2018-15/11/2018	1	202.72	
INV 9007917216/11/2018		WATER CORPORATION	BERT HAWKE OVAL 19/09/2018-15/11/2018	1	453.59	
INV 9007925920/11/2018		WATER CORPORATION	RESERVE AT NEWCASTLE ST 19/09/2018-19/11/2018	1	240.73	
INV 9007918420/11/2018		WATER CORPORATION	PLAYGROUND 19/09/2018-19/11/2018	1	222.99	
INV 9007923416/11/2018		WATER CORPORATION	APEX PARK TOILETS 17/09/2018-15/11/2018	1	111.97	
INV 9007945314/11/2018		WATER CORPORATION	STANDPIPE 13/09/2018-13/11/2018	1	79.84	
INV 9079513214/11/2018		WATER CORPORATION	STANDPIPE 13/09/2018-13/11/2018	1	44.36	
INV 9007915516/11/2018		WATER CORPORATION	AIRPORT 18/9/2018 TO 15/11/2018	1	1,875.09	
INV 9007927521/11/2018		WATER CORPORATION	OLD QUARRY RD REFUSE SITE 26/9/2018 TO 20/11/2018	1	68.42	
INV 9022053219/11/2018		WATER CORPORATION	STANDPIPE AT CLARKE ST 19/9/2018 TO 15/11/2018	1	5,616.10	
INV 9007904013/11/2018		WATER CORPORATION	LIBRARY AT FITZGERALD ST 12/9/2018 TO 12/11/2018	1	500.26	
INV 9021499421/11/2018		WATER CORPORATION	SWIMMING POOL 21/9/2018 TO 20/11/2018	1	185.04	
DD13097.1	08/11/2018	BANKWEST	JASON WHITEAKER MASTERCARD 21/9/18 TO 23/10/18	1		5,079.10
INV B RUTTE08/11/2018		BANKWEST	BRENDON RUTTER MASTERCARD 21/9/2018 TO 23/10/2018	1	1,535.35	

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Cheque /EFT No	Date	Name	Invoice Description	Bank Code	INV Amount	Amount
INV C KLEYM08/11/2018		BANKWEST	CLINTON KLEYNHANS MASTERCARD 21/9/2018 TO 23/10/2018	1	193.12	
INV C YOUNG08/11/2018		BANKWEST	COLIN YOUNG MASTERCARD 21/9/2018 TO 23/10/2018	1	982.38	
INV C HUNT 08/11/2018		BANKWEST	CHADD HUNT MASTERCARD 21/9/2018 TO 23/10/2018	1	636.20	
INV R RAYSC08/11/2018		BANKWEST	ROSS RAYSON MASTERCARD 21/9/2018 TO 23/10/2018	1	1,667.77	
INV J WHITE08/11/2018		BANKWEST	JASON WHITEAKER MASTERCARD 21/9/18 TO 23/10/18	1	64.28	
DD13121.1	13/11/2018	WA SUPER	Payroll deductions	1		24,169.66
INV SUPER	13/11/2018	WA SUPER	Superannuation contributions	1	21,178.44	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	1,507.92	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	84.87	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	36.82	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	235.11	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	25.00	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	575.00	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	88.44	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	294.62	
INV DEDUCT13/11/2018		WA SUPER	Payroll deductions	1	143.44	
DD13121.2	13/11/2018	ESSENTIAL SUPER	Superannuation contributions	1		156.03
INV SUPER	13/11/2018	ESSENTIAL SUPER	Superannuation contributions	1	156.03	
DD13121.3	13/11/2018	ANZ SMART CHOICE SUPER (ONEPATH MASTERFUND)	Superannuation contributions	1		209.08
INV SUPER	13/11/2018	ANZ SMART CHOICE SUPER (ONEPATH MASTERFUND)	Superannuation contributions	1	209.08	
DD13121.4	13/11/2018	CBUS	Superannuation contributions	1		181.32
INV SUPER	13/11/2018	CBUS	Superannuation contributions	1	181.32	

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DD13121.5	13/11/2018	HOSTPLUS SUPER	Superannuation contributions	1		226.13
INV SUPER	13/11/2018	HOSTPLUS SUPER	Superannuation contributions	1	226.13	
DD13121.6	13/11/2018	PRIME SUPER	Payroll deductions	1		434.59
INV SUPER	13/11/2018	PRIME SUPER	Superannuation contributions	1	313.31	
INV DEDUCT13/11/2018	13/11/2018	PRIME SUPER	Payroll deductions	1	121.28	
DD13121.7	13/11/2018	ONEPATH	Superannuation contributions	1		191.99
INV SUPER	13/11/2018	ONEPATH	Superannuation contributions	1	191.99	
DD13121.8	13/11/2018	MEDIA SUPER	Superannuation contributions	1		197.73
INV SUPER	13/11/2018	MEDIA SUPER	Superannuation contributions	1	197.73	
DD13121.9	13/11/2018	UNISUPER	Superannuation contributions	1		392.20
INV SUPER	13/11/2018	UNISUPER	Superannuation contributions	1	392.20	
DD13133.1	13/11/2018	WA SUPER	Superannuation contributions	1		90.50
INV SUPER	20/11/2018	WA SUPER	Superannuation contributions	1	90.50	
DD13179.1	27/11/2018	WA SUPER	Payroll deductions	1		25,103.12
INV SUPER	27/11/2018	WA SUPER	Superannuation contributions	1	21,811.66	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	1,672.46	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	97.58	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	37.78	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	337.14	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	25.00	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	595.00	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	88.44	
INV DEDUCT27/11/2018	27/11/2018	WA SUPER	Payroll deductions	1	294.62	

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Cheque /EFT No	Date	Name	Invoice Description	Bank Code	INV Amount	Amount
INV DEDUCT	27/11/2018	WA SUPER	Payroll deductions	1	143.44	
DD13179.2	27/11/2018	MACQUARIE SUPER MANAGER	Superannuation contributions	1		134.77
INV SUPER	27/11/2018	MACQUARIE SUPER MANAGER	Superannuation contributions	1	134.77	
DD13179.3	27/11/2018	ESSENTIAL SUPER	Superannuation contributions	1		155.00
INV SUPER	27/11/2018	ESSENTIAL SUPER	Superannuation contributions	1	155.00	
DD13179.4	27/11/2018	ANZ SMART CHOICE SUPER (ONEPATH MASTERFUND)	Superannuation contributions	1		208.64
INV SUPER	27/11/2018	ANZ SMART CHOICE SUPER (ONEPATH MASTERFUND)	Superannuation contributions	1	208.64	
DD13179.5	27/11/2018	CBUS	Superannuation contributions	1		191.99
INV SUPER	27/11/2018	CBUS	Superannuation contributions	1	191.99	
DD13179.6	27/11/2018	HOSTPLUS SUPER	Superannuation contributions	1		203.03
INV SUPER	27/11/2018	HOSTPLUS SUPER	Superannuation contributions	1	203.03	
DD13179.7	27/11/2018	PRIME SUPER	Payroll deductions	1		434.51
INV SUPER	27/11/2018	PRIME SUPER	Superannuation contributions	1	313.25	
INV DEDUCT	27/11/2018	PRIME SUPER	Payroll deductions	1	121.26	
DD13179.8	27/11/2018	ONEPATH	Superannuation contributions	1		191.37
INV SUPER	27/11/2018	ONEPATH	Superannuation contributions	1	191.37	
DD13179.9	27/11/2018	MEDIA SUPER	Superannuation contributions	1		220.99
INV SUPER	27/11/2018	MEDIA SUPER	Superannuation contributions	1	220.99	
DD13189.1	30/11/2018	WA SUPER	Payroll deductions	1		2.63
INV SUPER	30/11/2018	WA SUPER	Superannuation contributions	1	1.85	
INV DEDUCT	30/11/2018	WA SUPER	Payroll deductions	1	0.78	



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Cheque /EFT No	Date	Name	Invoice Description	Bank Code	INV Amount	Amount
DD13189.2	30/11/2018	AUSTRALIAN SUPER PTY LTD	Superannuation contributions	1		1.01
INV SUPER	30/11/2018	AUSTRALIAN SUPER PTY LTD	Superannuation contributions	1	1.01	
DD13121.10	13/11/2018	CATHOLIC SUPER	Superannuation contributions	1		89.17
INV SUPER	13/11/2018	CATHOLIC SUPER	Superannuation contributions	1	89.17	
DD13121.11	13/11/2018	MLC NOMINEES PTY LTD	Superannuation contributions	1		91.69
INV SUPER	13/11/2018	MLC NOMINEES PTY LTD	Superannuation contributions	1	91.69	
DD13121.12	13/11/2018	AUSTRALIAN SUPER PTY LTD	Payroll deductions	1		2,371.45
INV SUPER	13/11/2018	AUSTRALIAN SUPER PTY LTD	Superannuation contributions	1	2,265.57	
INV DEDUCT	13/11/2018	AUSTRALIAN SUPER PTY LTD	Payroll deductions	1	105.88	
DD13121.13	13/11/2018	REST INDUSTRY SUPER	Superannuation contributions	1		965.03
INV SUPER	13/11/2018	REST INDUSTRY SUPER	Superannuation contributions	1	965.03	
DD13121.14	13/11/2018	IOOF PORTFOLIO SERVICE SUPERANNUATION FUND	Superannuation contributions	1		170.81
INV SUPER	13/11/2018	IOOF PORTFOLIO SERVICE SUPERANNUATION FUND	Superannuation contributions	1	170.81	
DD13121.15	13/11/2018	(THE QUEENSLAND LOCAL GOVERNMENT SUPERANNUATION BOARD) LG SUPER	Superannuation contributions	1		522.64
INV SUPER	13/11/2018	(THE QUEENSLAND LOCAL GOVERNMENT SUPERANNUATION BOARD) LG SUPER	Superannuation contributions	1	522.64	
DD13121.16	13/11/2018	AMP LIFE LIMITED	Superannuation contributions	1		672.39
INV SUPER	13/11/2018	AMP LIFE LIMITED	Superannuation contributions	1	672.39	
DD13121.17	13/11/2018	NETWEALTH SUPERANNUATION	Superannuation contributions	1		263.76
INV SUPER	13/11/2018	NETWEALTH SUPERANNUATION	Superannuation contributions	1	263.76	
DD13121.18	13/11/2018	SUNSUPER	Superannuation contributions	1		792.58

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Cheque /EFT No	Date	Name	Invoice Description	Bank Code	INV Amount	Amount
INV SUPER	13/11/2018	SUNSUPER	Superannuation contributions	1	792.58	
DD13121.19	13/11/2018	MACQUARIE SUPER MANAGER	Superannuation contributions	1		133.66
INV SUPER	13/11/2018	MACQUARIE SUPER MANAGER	Superannuation contributions	1	133.66	
DD13179.10	27/11/2018	UNISUPER	Superannuation contributions	1		392.20
INV SUPER	27/11/2018	UNISUPER	Superannuation contributions	1	392.20	
DD13179.11	27/11/2018	CATHOLIC SUPER	Superannuation contributions	1		51.93
INV SUPER	27/11/2018	CATHOLIC SUPER	Superannuation contributions	1	51.93	
DD13179.12	27/11/2018	AUSTRALIAN SUPER PTY LTD	Payroll deductions	1		2,672.61
INV SUPER	27/11/2018	AUSTRALIAN SUPER PTY LTD	Superannuation contributions	1	2,581.72	
INV DEDUCT	27/11/2018	AUSTRALIAN SUPER PTY LTD	Payroll deductions	1	90.89	
DD13179.13	27/11/2018	MLC NOMINEES PTY LTD	Superannuation contributions	1		91.69
INV SUPER	27/11/2018	MLC NOMINEES PTY LTD	Superannuation contributions	1	91.69	
DD13179.14	27/11/2018	HESTA SUPER FUND	Superannuation contributions	1		130.91
INV SUPER	27/11/2018	HESTA SUPER FUND	Superannuation contributions	1	130.91	
DD13179.15	27/11/2018	REST INDUSTRY SUPER	Superannuation contributions	1		966.75
INV SUPER	27/11/2018	REST INDUSTRY SUPER	Superannuation contributions	1	966.75	
DD13179.16	27/11/2018	ZURICH AUSTRALIA LIMITED	Superannuation contributions	1		197.95
INV SUPER	27/11/2018	ZURICH AUSTRALIA LIMITED	Superannuation contributions	1	197.95	
DD13179.17	27/11/2018	IOOF PORTFOLIO SERVICE SUPERANNUATION FUND	Superannuation contributions	1		152.40
INV SUPER	27/11/2018	IOOF PORTFOLIO SERVICE SUPERANNUATION FUND	Superannuation contributions	1	152.40	

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Cheque /EFT No	Date	Name	Invoice Description	Bank Code	INV Amount	Amount
DD13179.18	27/11/2018	(THE QUEENSLAND LOCAL GOVERNMENT SUPERANNUATION BOARD) LG SUPER	Superannuation contributions	1		522.64
INV SUPER	27/11/2018	(THE QUEENSLAND LOCAL GOVERNMENT SUPERANNUATION BOARD) LG SUPER	Superannuation contributions	1	522.64	
DD13179.19	27/11/2018	AMP LIFE LIMITED	Superannuation contributions	1		699.07
INV SUPER	27/11/2018	AMP LIFE LIMITED	Superannuation contributions	1	699.07	
DD13179.20	27/11/2018	NETWEALTH SUPERANNUATION	Superannuation contributions	1		263.76
INV SUPER	27/11/2018	NETWEALTH SUPERANNUATION	Superannuation contributions	1	263.76	
DD13179.21	27/11/2018	SUNSUPER	Superannuation contributions	1		773.91
INV SUPER	27/11/2018	SUNSUPER	Superannuation contributions	1	773.91	

**REPORT TOTALS**

Bank Code	Bank Name	TOTAL
1	MUNI FUND	1,659,285.62
2	TRUST FUND	11,464.52
<b>TOTAL</b>		<b>1,670,750.14</b>

## Attachment 2

Payment dates 1st of November 2018 to 30th November 2018

- Municipal Fund payment cheque numbers 35047 to 35066 Total \$116,937.45.
- Trust Fund payment cheque numbers 2048 TO 2049 total \$306.00.

### Electronic Funds Transfer

- Municipal Fund EFT31470 to EFT31814 Total \$1,471,183.78.
- Trust Fund \$11,158.52.

Direct Debits Total \$71,164.39.

All have been made in accordance with delegated authority reference number (M/F/F/Regs LGA 1995 S5.42).

Month	Cheques 2018/2019	EFT Payments 2018/2019	Direct Debits 2018/2019	Payroll 2018/2019	Total Payments 2018/2019
July	\$ 72,564.23	\$1,848,659.36	\$ 68,661.59	\$ 521,361.23	\$ 2,511,246.41
August	\$ 73,252.00	\$1,707,947.87	\$ 66,864.84	\$ 416,983.90	\$ 2,265,048.61
September	\$ 69,253.43	\$1,217,332.66	\$ 72,026.84	\$ 431,114.04	\$ 1,789,726.97
October	\$ 81,575.31	\$1,929,162.93	\$ 106,587.03	\$ 628,872.64	\$ 2,746,197.91
November	\$ 117,243.45	\$1,482,342.30	\$ 71,164.39	\$ 668,449.02	\$ 2,339,199.16
December					\$ -
January					\$ -
February					\$ -
March					\$ -
April					\$ -
May					\$ -
June					\$ -
<b>Total</b>	<b>\$413,888.42</b>	<b>\$8,185,445.12</b>	<b>\$385,304.69</b>	<b>\$2,666,780.83</b>	<b>\$11,651,419.06</b>

The Following table presents all payments made for the month from Council credit cards paid by direct debit 13097.1

Summary Credit Card Payments	\$	Total
<b>Executive Manager Engineering Services</b>		
SHIRE OF NORTHAM - REMAKE OF PLATE N.4012	33.50	
LINKEDIN 3349042276 26/9/18	39.99	
BP BELLEVUE 6209	119.63	193.12



Summary Credit Card Payments	\$	Total
CESM		
SUBWAY - CATERING FOR TRAINING COURSE	90.00	
AUSSIE NG DOMINOS PIZZA -REFRESHMENTS FOR CLACKLINE BFB R2 R	77.60	
COLES -REFRESHMENTS FOR MULTIPLE BRIGADE TRAINING PRE-SEASON GRASS VALLEY BFB	33.80	
COLES -REFRESHMENTS FOR MULTIPLE BRIGADE TRAINING PRE-SEASON GRASS VALLEY BFB	0.15	
LOOSEFOOT SALOON BAR - REFRESHMENTS FOR BAKERS HILL R2R WORKSHOP	297.00	
LOOSEFOOT SALOON BAR - REFRESHMENTS FOR BFF COURSE	195.50	
LOOSEFOOT SALOON BAR - REFRESHMENTS FOR INKPEN R2R WORKSHOP	237.00	
AUSSIE NG PTY LTD - REFRESHMENTS FOR PRESEASON FLO MEETING	101.25	
NORTHAM ASIAN - REFRESHMENTS FOR MACHINE SUPERVISORS COURSE	116.00	
DOMINOS ESTORE - REFRESHMENTS FOR OFFICER TRAINING COURSE	89.75	
AUSSIE NG PTY LTD - REFRESHMENTS FOR INC#407300	73.60	
COLES - REFRESHMENTS FOR IRS COURSE	33.15	
NORTHAM ASIAN - REFRESHMENTS FOR IRS COURSE	108.00	
AUSSIE NG PTY LTD - REFRESHMENTS FOR R2R WORKSHOP IRISHTOWN	82.55	1,535.35
Executive Manager Corporate Services		
LAMEY GV GEARING PTY - ORDINARY COUNCIL MEETING	828.50	
BP KOORDA - FUEL	50.00	
MSFT - MICROSOFT MONTHLY LICENCE FEE	94.38	
DOVE MUNDARING - REFRESHMENTS	9.50	982.38
Executive Manager Community Services		
CPP STATE LIBRARY PARKING	16.15	
CPP TERRACE ROAD PARKING	16.15	
KENNARDS HIRE PTY LTD - MIDLAND CREDIT MONEY RETURNED	-500.00	
KENNARDS HIRE PTY LTD - MIDLAND CREDIT MONEY RETURNED	-500.00	
KENNARDS HIRE PTY LTD - MIDLAND CREDIT MONEY RETURNED	-1.00	
ADOBE ACROBAT - YEARLY SUBSCRIPTION - BROOKE EVANS	263.87	
ARISTOS WATERFRONT B - HIRE OF SCOREBOARD (ICATCHER SIGNS)	1320.00	
SHIRE OF NORTHAM - PLATE SWAP FOR NEW BUS	26.85	

Summary Credit Card Payments	\$	Total
SHIRE OF NORTHAM - LICENCE	323.55	
SHIRE OF NORTHAM - LICENCE	28.70	
SUBWAY - MEETING REFRESHMENTS	90.00	
BOOKING.COM AUSTRALIA BKB CENTRE MICHELLE WINMAR - TOORAK LODGE	510.00	
SKIDDAW VIEW PTY LTD -REFRESHMENTS	73.50	1,667.77
Executive Manager Development Services		
SHIRE OF NORTHAM CHANGE OF PLATES - N.4012	26.85	
SHIRE OF NORTHAM CHANGE OF PLATES - N.4013	60.35	
SHIRE OF NORTHAM LICENCE - N.4013	320.30	
SHIRE OF NORTHAM LICENCE - N.4013	28.70	
DWER - WATER PERTH -CLEARING PERMIT -IRISHTOWN ROAD	200.00	636.20
CEO		
APRIL 27 CAFE - JUICEBOX MEETING	13.50	
SAFFRON (WA) PTY LTD -MEETING WITH COUNCILLOR	4.00	
ANNUAL FEE MASTERCARD	39.00	
FOREIGN TRANSACTION FEES	7.78	64.28
<b>Total Credit Card Expenditure</b>		<b>\$5,079.10</b>

#### CERTIFICATION OF THE PRESIDENT

I hereby certify that this schedule of account covering vouchers and electronic fund transfer payments as per above and totalling \$2,339,199.16 was submitted to the Ordinary Meeting of Council on Wednesday, 19 December 2018.

_____ CERTIFICATION OF THE PRESIDENT

#### CERTIFICATE OF THE CHIEF EXECUTIVE OFFICER

This schedule of accounts paid covering vouchers \$2,339,199.16 was submitted to each member of the Council on Wednesday, 19 December 2018, has been checked and is fully supported by vouchers and invoices which are submitted herewith and which have been duly certified as to the receipt of goods and the rendition of services and as to prices, computations and casting and the amounts shown are due for payment.

_____ CHIEF EXECUTIVE OFFICER

12.4.2 Financial Statement for the period ending 30 November 2018

Address:	N/A
Owner:	N/A
Applicant:	N/A
File Reference:	2.1.3.4
Reporting Officer:	Zoe Macdonald Accountant
Responsible Officer:	Colin Young Executive Manager Corporate Service
Officer Declaration of Interest:	Nil
Voting Requirement:	Simple Majority
Press release to be issued:	No

BRIEF

For Council to receive the Financial Statement for the period ending 30 November 2018.

ATTACHMENTS

Attachment 1: Financial Statement for the period ending 30 November 2018.

BACKGROUND / DETAILS

The reporting of monthly financial information is a requirement under section 6.4 of the Local Government Act 1995, and Regulation 34 of the Local Government (Financial Management) Regulations.

The Statement of Financial Activity for the period ending 30th September 2018 is included as Attachment 1 & 2 to this Agenda and includes the following reports:

- Statement of Financial Activity;
- Operating Statements;
- Balance Sheet;
- Acquisition of Assets;
- Disposal of Assets;
- Information on Borrowings;
- Reserves;
- Net Current Assets;
- Rating Information

The report includes a summary of the financial position along with comments relating to the statements. If Councillors wish to discuss the report contents or any other matters relating to this please contact Council Finance staff prior to the meeting.

### Notes to the Financial Statements

#### Operating Income

1. General purpose funding is over budget \$87,564 predominantly due to the receipt of back rates and interim rates associated with the Northam Village Square Shopping Centre Development, offset by legal costs recoverable of \$23,273.
2. Recreation & culture is over budget by 8.5%. This is due to the timing of grant funding associated with the town hall render \$58,450, this revenue was budgeted to be received in the 17/18 financial year, as such it will be amended as part of the budget review process.
3. Transport is over budget by 9.01%, due to an amount greater than budgeted received for the Mains Road Direct Grant of \$74,368, will be accounted for as part of the budget review process.
4. Economic Services is under budget \$114,109 predominantly due to the items presented below;
  - Timing of the Avon decent festival grant funding of \$27,000.
  - BKB revenue is under budget by \$33,210 with lower entry fees than anticipated by \$20,420.
  - Building Permits by \$14,934
  - Festivals events sponsorship and grants by \$38,000
5. Other Property and Services is over by \$23,939 due to higher than budgeted reimbursement for workers compensation

#### Operating Expenditure

6. Governance is under budget by \$92,496 predominantly due to the items disclosed below;
  - Consultants of \$37,956
  - Salaries of \$8,429
  - Audit Fees \$5,144
7. General Purpose Funding is under budget by \$27,603 due to valuations of \$12,965 and legal costs recoverable of \$21,505, less an increased admin allocation over by \$4,659.
8. Law and Order is under by \$24,275 due to the following
  - Brigades expenses of \$3,639
  - Fire Hazard Reduction and firebreaks \$10,480
  - The timing of dog pound management of \$11,605
9. Community amenities is under budget 2.52%, \$32,081 due to the items presented below;
  - Regional verge bins \$8,828



- Flood mitigation is under \$8,658 due predominantly to refunds from synergy resulting from being overcharged for estimated power usage readings.
  - Consultants of \$18,090
10. Recreation and Culture is under budget by \$247,052. This includes the following items;
- Timing of swimming pool expenditure (general) \$25,812
  - Rec Centre salaries \$30,118
  - Parks and Gardens \$86,697, (timing)
  - Depreciation of \$108,275 due to adjustments to the fair value of assets.
11. Transport is over budget \$73,505 relating to the timing of the works program.

#### Operating Income by Nature and Type

12. Rates are under budget as per the details point 1 above.
13. Operating Grants are over budget \$60,645 due to the item disclosed at points 3.
14. Fees and charges are under by \$119,654 which is covered in point 4 above.

#### Operating Expenditure by Nature and Type

15. Materials and contracts is under budget 17% due to the timing of items presented below;
- Rubbish site Maintenance \$70,931.
  - Street Cleaning \$27,039(timing)
  - Maintenance Council Property \$39,102
  - Marketing and Promotion \$54,345
  - Festival and Events \$49,309
  - Consultants as disclosed at points 6 & 9 above
  - Road Maintenance \$23,644, budget timing requires adjusting
  - Verge Maintenance \$47,855
  - Parks and Gardens and Reserves \$50,630
16. Depreciation is under budget 5% due to changes to the fair value of Councils infrastructure assets.
17. Other expenditure is over budget by \$112,893, predominantly due to the timing of internal allocations relating to PWO & POC (non-cash).

#### Non-Operating Income by Nature and Type

18. Non-Operating Income was \$82,518 over budget due to MRWA Commodity Route Funding of \$15,000 and Town Hall render Grant of \$58,450

#### CONSIDERATIONS

Strategic Community / Corporate Business Plan  
Theme Area 6: Governance & Leadership.

Outcome 6.3: The Shire of Northam council is a sustainable, responsive, innovative and transparent organisation.

Financial / Resource Implications

The Financial Statements have been prepared in accordance with Council's 2018/19 Budget.

Legislative Compliance

Section 6.4 and 6.26(2)(g) of the Local Government Act.

Local Government (Financial Management) Regulations 1996.

Policy Implications

Nil.

Stakeholder Engagement / Consultation

N/A.

Risk Implications

- Reputational – Nil.
- Financial – Nil.
- Compliance - Low
  - o Risk assessed as low as there are processes in place to ensure that this report is presented to Council each month in order to comply with relevant legislation.
- Legal –Nil.

**OFFICER'S COMMENT**

Nil.

RECOMMENDATION

That Council receive the Financial Statements, prepared in accordance with the Local Government (Financial Management) Regulations, for the period ending 30 November 2018.



**SHIRE OF NORTHAM**  
**MONTHLY STATEMENT OF FINANCIAL ACTIVITY**  
**FOR THE PERIOD ENDING 30 NOVEMBER 2018**

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SHIRE OF NORTHAM STATEMENT OF FINANCIAL ACTIVITY FOR THE PERIOD ENDING 30 NOVEMBER 2018						
NOTE						
		18/19 Budget \$	Ytd Budget \$	18/19 Ytd Actual \$	Variances Actuals to Budget \$	Variances Actuals to Budget %
<b>Operating</b>						
<b>Revenues</b>						
Governance		35,400	29,315	42,349	13,034	44.46%
General Purpose Funding Other	1	2,195,476	1,061,083	1,011,474	(50,509)	(4.76%)
General Purpose Funding Rates	1	10,108,614	10,109,614	10,247,687	138,073	1.37%
Law, Order, Public Safety		1,400,880	165,975	153,171	(12,804)	(7.71%)
Health		81,000	48,870	31,167	(17,713)	(36.25%)
Education and Welfare		1,335,198	597,927	602,481	4,554	0.76%
Housing		44,568	18,565	20,225	1,660	8.94%
Community Amenities		2,648,293	1,899,140	1,913,257	14,117	0.74%
Recreation and Culture	2	6,194,753	346,939	376,425	29,486	8.50%
Transport	3	2,102,584	805,374	877,921	72,547	9.01%
Economic Services	4	696,402	310,272	198,163	(114,109)	(36.78%)
Other Property and Services	5	60,200	25,075	48,024	23,949	95.51%
<b>Total Operating Revenue</b>		<b>26,904,378</b>	<b>15,419,049</b>	<b>15,521,333</b>	<b>102,284</b>	<b>0.68%</b>
<b>Expenses</b>						
Governance	6	(1,306,014)	(617,179)	(524,683)	92,486	14.99%
General Purpose Funding	7	(283,705)	(120,645)	(93,042)	27,603	22.88%
Law, Order, Public Safety	8	(1,265,540)	(542,188)	(517,893)	24,275	4.48%
Health		(298,775)	(128,131)	(118,535)	11,598	9.05%
Education and Welfare		(1,372,112)	(579,387)	(595,826)	(16,439)	(2.84%)
Housing		(74,259)	(31,615)	(27,901)	3,714	11.75%
Community Amenities	9	(3,460,527)	(1,275,479)	(1,243,398)	32,081	2.52%
Recreation & Culture	10	(4,606,921)	(1,939,068)	(1,693,411)	245,657	12.67%
Transport	11	(5,498,594)	(2,228,473)	(2,301,978)	(73,505)	(3.30%)
Economic Services		(2,889,610)	(1,211,841)	(1,213,755)	(1,914)	(0.16%)
Other Property and Services		(27,141)	(82,069)	(69,941)	12,128	14.78%
<b>Total Operating Expenses</b>		<b>(20,884,199)</b>	<b>(8,756,055)</b>	<b>(8,398,363)</b>	<b>357,692</b>	<b>4.09%</b>
<b>Removal of Non-Cash Items</b>						
(Profit)/Loss on Asset Disposals		75,848	0	12,872	12,872	
Movement in Employee Benefit Provisions		0	0	(1,740)	(1,740)	
Depreciation on Assets		4,363,387	1,817,995	1,720,836	(97,159)	
<b>Non Operating Items</b>						
Purchase Land Held for Resale		0	0	0	0	
Purchase Land and Buildings		(1,899,240)	(569,713)	(445,520)	124,193	21.80%
Purchase Plant and Equipment		(1,722,250)	(1,453,469)	(603,310)	850,159	58.49%
Purchase Furniture and Equipment		(76,776)	(74,151)	(68,330)	5,821	7.85%
Purchase Bush Fire Equipment		0	0	0	0	
Purchase Playground Equipment		0	0	0	0	
Purchase Infrastructure Assets - Roads		(4,060,569)	(911,387)	(474,206)	437,181	47.97%
Purchase Infrastructure Assets - Bridges		(337,861)	0	0	0	#DIV/0!
Purchase Infrastructure Assets - Footpaths		0	(95,488)	(94,499)	989	
Purchase Infrastructure Assets - Drainage		(1,734,384)	(358,614)	(191,912)	164,702	46.18%
Purchase Infrastructure Assets - Parks & Ovals		(2,717,581)	(453,054)	(67,653)	385,201	85.02%
Purchase Infrastructure Assets - Airfields		(59,200)	(24,665)	0	24,665	100.00%
Purchase Infrastructure Assets - Streetscape		(191,000)	(9,489,741)	(89,210)	9,400,531	99.06%
Purchase Infrastructure Assets - Other		(8,445,177)	(88,342)	(306,369)	(218,027)	(246.80%)
Proceeds from Disposal of Assets		450,113	13,636	13,636	0	0.00%
Repayment of Debentures		(227,381)	(98,220)	(102,800)	(4,380)	(4.46%)
Proceeds from New Debentures		2,900,000	0	0	0	
Self-Supporting Loan Principal Income		25,095	3,063	3,008	(55)	(1.60%)
Transfers to Restricted Assets (Reserves)		(1,029,767)	0	(29,119)	(29,119)	
Transfers from Restricted Asset (Reserves)		3,217,756	0	0	0	
<b>ADD Net Current Assets July 1 B/Fwd</b>		<b>5,448,818</b>	<b>5,448,818</b>	<b>4,962,863</b>	<b>(485,955)</b>	
<b>LESS Net Current Assets Year to Date</b>		<b>0</b>	<b>331,662</b>	<b>11,141,410</b>	<b>10,809,748</b>	
<b>Surplus</b>		<b>(0)</b>	<b>0</b>	<b>148,862</b>	<b>148,862</b>	

This statement is to be read in conjunction with the accompanying notes.



SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

1. OPERATING STATEMENT

	Note	18/19 Budget \$	Ytd Budget	18/19 Ytd Actual \$	Variances Actuals to Budget \$	Variances Actual to Budget %
<b>OPERATING REVENUES</b>						
Rates	12	10,109,614	10,109,614	10,247,687	138,073	1%
Operating Grants Subsidies and Contributions	13	4,379,720	1,764,335	1,824,980	60,645	3%
Fees and Charges	14	3,964,894	2,481,947	2,362,293	(119,654)	-5%
Proceeds from Sale of Assets			0	302	302	
Interest Earnings		391,500	142,158	140,255	(1,903)	-1%
Other Revenue		751,571	244,024	226,748	(17,276)	-7%
<b>TOTAL OPERATING REVENUE</b>		<b>19,597,299</b>	<b>14,742,078</b>	<b>14,802,265</b>	<b>60,187</b>	<b>0%</b>
<b>OPERATING EXPENSES</b>						
Employee Costs		(8,083,630)	(3,533,447)	(3,542,320)	(8,873)	0%
Materials and Contracts	15	(6,531,975)	(2,417,585)	(2,039,720)	377,865	16%
Utility Charges		(952,576)	(319,294)	(296,075)	23,219	7%
Depreciation of Non Current Assets	16	(4,363,387)	(1,817,995)	(1,720,836)	97,159	5%
Interest Expenses		(133,094)	(63,110)	(52,291)	10,819	17%
Insurance Expenses		(475,846)	(470,274)	(487,004)	(16,730)	-4%
Other Expenditure	17	(184,609)	(134,350)	(247,243)	(112,893)	-84%
<b>TOTAL OPERATING EXPENSE</b>		<b>(20,725,117)</b>	<b>(8,756,055)</b>	<b>(8,385,489)</b>	<b>370,566</b>	<b>-4%</b>
Non Operating Grants Subsidies and Contributions	18	7,223,845	636,548	719,066	82,518	-13%
Profit on Asset Disposals		84,234	40,423	0	(40,423)	100%
Loss on Asset Disposals		(160,082)	0	(12,872)	(12,872)	#DIV/0!
<b>RESULTING FROM OPERATIONS</b>		<b>6,020,179</b>	<b>6,662,994</b>	<b>7,122,970</b>	<b>459,976</b>	<b>7%</b>

SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

2. BALANCE SHEET

	18/19 YTD Actual \$	17/18 Actual \$
<b>CURRENT ASSETS</b>		
Cash Assets	12,887,515	9,699,754
Receivables	5,905,293	3,496,735
Inventories	1,224	1,224
<b>TOTAL CURRENT ASSETS</b>	<b>18,794,032</b>	<b>13,197,713</b>
<b>NON-CURRENT ASSETS</b>		
Receivables	583,192	583,191
Land and Buildings	53,625,075	53,557,271
Property, Plant and Equipment	7,571,699	6,600,355
Infrastructure	139,382,780	139,487,644
<b>TOTAL NON-CURRENT ASSETS</b>	<b>201,162,746</b>	<b>200,228,461</b>
<b>TOTAL ASSETS</b>	<b>219,956,778</b>	<b>213,426,174</b>
<b>CURRENT LIABILITIES</b>		
Payables	1,106,374	1,698,188
Interest-bearing Liabilities	121,780	224,381
Provisions	1,062,556	1,064,296
<b>TOTAL CURRENT LIABILITIES</b>	<b>2,290,710</b>	<b>2,986,865</b>
<b>NON-CURRENT LIABILITIES</b>		
Interest-bearing Liabilities	1,783,681	1,783,681
Provisions	271,813	271,813
<b>TOTAL NON-CURRENT LIABILITIES</b>	<b>2,055,494</b>	<b>2,055,494</b>
<b>TOTAL LIABILITIES</b>	<b>4,346,204</b>	<b>5,042,359</b>
<b>NET ASSETS</b>	<b>215,610,574</b>	<b>208,383,815</b>
<b>EQUITY</b>		
Retained Surplus	95,484,730	88,280,093
Reserves - Cash Backed	6,146,832	6,124,711
Reserves - Asset Revaluation	113,979,012	113,979,011
<b>TOTAL EQUITY</b>	<b>215,610,574</b>	<b>208,383,815</b>



SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

3. ACQUISITION OF ASSETS		18/19 Budget \$	18/19 Ytd Actual \$
The following assets have been acquired during the period under review:			
<b>By Program</b>			
<b>Governance</b>	<b>Note</b>		
Admin Building		337,500	15,572
New Telephone System		42,276	0
Server Upgrade		30,000	66,330
<b>Law, Order &amp; Public Safety</b>			
Rangers Ute		47,000	0
Irish Town Light Tanker		169,800	0
Grass Valley Fire shed Earthworks		288,919	133,531
Bakers Hill Fire Shed		339,000	0
Electronic Conversion of Standpipe		14,500	0
CCTV - Stage 1 & 2		235,814	0
<b>Education &amp; Welfare</b>			
LTM Playgroup		13,850	0
Upgrade Memorial Hall		10,000	0
Killara Commuter Bus		73,539	51,020
Killara Bus		141,809	0
<b>Community Amenities</b>			
Cemetery Toilet		11,536	440
King Creek Drainage		80,395	545
Area Drainage		186,669	7,563
Design of Recycling Station Inkerri		10,000	6,450
Old Quarry Drainage		100,000	0
Rehab Investigation Old Tip Site		35,000	0
NRM Grant Capital Expenditure		40,100	4,000
Cemetery Lot development		18,121	20,019
CBD Works - Street Scaping		181,000	89,210

SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

3. ACQUISITION OF ASSETS (Continued)	Note	18/19 Budget \$	18/19 Ytd Actual \$
<b>By Program (Continued)</b>			
<b>Recreation &amp; Culture</b>			
Town Hall Upgrades		20,250	6,000
Upgrade Rec Centre CCTV		24,500	1,355
Upgrade Emergency Exit door		6,035	0
Paint Non-slip Floor		4,500	0
Purchase Lot 1 GEH		220,000	0
Bert Hawke Pavilion - Upgrade, including Kitchen C/fwd		40,000	0
Replace Sewer Line Wundowie Library C/fwd		14,300	0
General Library Upgrades		50,000	0
Repairs to Exterior Steps Northam Library C/fwd		20,000	0
Old Railway Station Precinct Upgrade C/fwd		50,000	0
Old Railway Station Precinct Exit Gates		13,000	0
AVVVA - Drainage Works		22,850	0
AVVVA - Roof Replacement C/fwd		145,000	0
AVVVA - Brick Pointing		8,850	0
Community Coaster Bus		120,903	103,627
Wundowie Family Space		50,000	0
Wundowie Basketball Courts Upgrade		80,000	0
St Johns Ambulance Site Improvements		80,000	0
Artificial Hockey Turf		400,000	0
Bridge Crossing Fixings C/fwd		10,000	0
POS Playground Improvements		141,995	57,688
BMX Lighting		90,000	0
Bert Hawke - Drainage C/fwd		40,000	0
Bert Hawke - Lighting C/fwd		20,000	0
Northam Youth Space C/fwd		1,575,586	10,165
Wundowie Pool Bowl Repainting		10,000	0
Swimming Pool Redevelopment		7,991,642	275,900
<b>Transport</b>			
Northam Depot Redesign		10,000	0
PN1218 Mitsubishi Fuso C/fwd		120,000	0
PN0908 Volvo Back hoe Loader BL71		169,915	0
PN1221 4T Truck C/fwd		92,135	88,090
PN2240 Wood Chipper		130,000	92,300
PN1222 3.5T Truck C/fwd		78,745	0
P100 Cricket Wicket roller		35,000	29,909
PN1501 Hino Water Truck FM500		292,915	213,415
PN1401 Mazda BT50 Tray top		30,550	0
Traffic Counter		15,585	15,585
Kerb Edging Machine		14,673	9,364



SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

3. ACQUISITION OF ASSETS (Continued)	Note	18/19 Budget \$	18/19 Ytd Actual \$
<u>By Program (Continued)</u>			
<b>Transport</b>			
Spencers Brook Road SLK 5400 - 7360		283,773	8,293
Spencers Brook Road SLK 12800 - 14600		353,521	151,886
Spencers Brook Road		31,246	30,393
Jennapulin Road cfwd		214,952	614
Fermoy Road		5,000	2,298
Katrine Road C/Fwd		62,586	77,607
Mudalla Way		32,158	0
Glass Avenue		94,958	721
Mervyn Street		34,896	159
Cody Street		23,885	1,261
Foreman Street		22,136	787
Cook Street		27,382	3,505
Balga Tce		84,514	0
Gregory Street		73,860	856
Wellington Street		84,849	0
Wellington Street West		68,731	0
Selby Street		67,819	576
Gordon Street		27,662	576
Byfield Street		115,835	87
Irishtown Road		192,259	200
Maintenance Capitalised		100,000	7,784
Coates Road		115,100	0
Fitzgerald Street SLK		50,000	0
Newman Road		20,000	4,779
O'Neill Road		284,028	0
Charles Street		136,716	0
East Street		130,857	0
Coates Road		155,317	1,675
Mitchell Avenue		101,338	89,412
Laneway Land Acquisition		57,000	0
GEH Upgrade		419,936	0
Keane Street		118,000	0
Kerb Renewal		99,565	5,387
Chinganning Road C/fwd		80,087	80,807
Gravel Resheeting		223,365	750
Elizabeth Place Carpark Resurfacing		65,000	0
Beavis Place		45,024	0
St George Street		21,543	0
Lobellia Avenue		49,967	49,967
GEH Bakers Hill		118,431	0
Tames Road		57,375	0
BKB Footpath		45,521	44,532

SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

3. ACQUISITION OF ASSETS (Continued)	Note	18/19 Budget \$	18/19 Ytd Actual \$
Drainage - Rural		1,442,330	183,804
Culvert Renewal		59,238	3,813
Repair Leach Drains Airport		9,200	0
New Hanger Water Feeds Airport		50,000	0
<b>Economic Services</b>			
BKB Building & Furniture		403,000	288,622
Old Fire Station, Repairs Windows		5,800	0
Old fire Station, Brick Pointing		7,850	0
Bakers Drainage		25,000	0
Water Pump Station Upgrade		169,681	0
Signage Tower GEH Mitchell Avenue		10,000	0
		<u>21,244,048</u>	<u>2,341,210</u>

SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

3. ACQUISITION OF ASSETS (Continued)	Note	18/19 Budget \$	18/19 Ytd Actual \$
<b>By Class</b>			
Land Held for Resale		0	0
Land and Buildings		1,899,240	445,520
Plant and Equipment		1,722,250	603,310
Furniture and Equipment		76,776	68,330
Bush Fire Equipment		0	0
Playground Equipment		0	0
Infrastructure Assets - Roads		4,060,569	474,206
Infrastructure Assets - Footpaths		337,861	94,499
Infrastructure Assets - Bridges & Culverts		0	0
Infrastructure Assets - Drainage		1,734,394	191,912
Infrastructure Assets - Parks & Ovals		2,717,581	67,853
Infrastructure Assets - Airfields		59,200	0
Infrastructure Assets - Streetscape		191,000	89,210
Infrastructure Assets - Other		8,445,177	306,369
		<u>21,244,048</u>	<u>2,341,210</u>



SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

4. DISPOSALS OF ASSETS

The following assets have been disposed of during the period under review:

By Program	Written Down Value		Sale Proceeds		Profit(Loss)	
	18/19 Budget \$	Ytd Actual \$	18/19 Budget \$	Ytd Actual \$	18/19 Budget \$	Ytd Actual \$
<b>Law Order &amp; Public Safety</b>						
Killarra Community Care Bus C/fwd	20,347	0	32,400	0	12,053	0
<b>Education &amp; Welfare</b>						
Community Coaster Bus C/fwd	26,222	26,508	23,000	13,636	(3,222)	(12,872)
Killarra Commuter Bus C/fwd	24,370	0	68,181	0	43,811	0
<b>Community Amenities</b>						
Toyota Coaster Bus (Community)	22,901	0	45,000	0	22,099	0
<b>Recreation &amp; Culture</b>						
<b>Transport</b>						
PN1514 Rangers Triton Ute 4*4	43,000	0	45,000	0	2,000	0
PN1218 Mitsubishi Fuso C/fwd	97,225	0.00	30,000	0	(67,225)	0
PN0908 Volvo Back Hoe Loader BL71	60,912	0	45,000	0	(15,912)	0
PN1221 4T Truck C/fwd	30,320	0	29,093	0	(1,227)	0
PN2240 Wood Chipper	42,329	0	43,000	0	671	0
PN1222 3.5T Truck C/fwd	3,400	0	5,000	0	1,600	0
Speed Alert Trailer	0	0	2,000	0	2,000	0
P100 Cricket Wicket Roller	138,098	0	72,000	0	(66,098)	0
PN1501 Hino Water Truck, FM500	16,837	0	10,439	0	(6,398)	0
	525,961	26,508	450,113	13,636	(75,848)	(12,872)



**SHIRE OF NORTHAM**  
**NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY**  
**FOR THE PERIOD ENDING 30 NOVEMBER 2018**

**4. DISPOSALS OF ASSETS**

The following assets have been disposed of during the period under review:

<u>By Class</u>	Written Down Value		Sale Proceeds		Profit(Loss)	
	18/19 Budget \$	Ytd Actual \$	18/19 Budget \$	Ytd Actual \$	18/19 Budget \$	Ytd Actual \$
<b>Plant &amp; Equipment</b>						
PN1514 Rangers Triton Ute 4*4	20,347	0	32,400	0	12,053	0
Killarra Commuter Bus C/fwd	26,222	26,508	23,000	13,636	(3,222)	(12,872)
Killarra Community Care Bus C/fwd	24,370	0	68,181	0	43,811	0
Toyota Coaster Bus (Community)	22,901	0	45,000	0	22,099	0
PN1218 Mitsubishi Fuso C/fwd	43,000	0	45,000	0	2,000	0
PN0908 Volvo Back Hoe Loader BL71	97,225	0	30,000	0	(67,225)	0
PN1221 4T Truck C/fwd	60,912	0	45,000	0	(15,912)	0
PN2240 Wood Chipper	30,320	0	29,093	0	(1,227)	0
PN1222 3.5T Truck C/fwd	42,329	0	43,000	0	671	0
P100 Cricket Wicket Roller	3,400	0	5,000	0	1,600	0
Speed Alert Trailer	0	0	2,000	0	2,000	0
PN1501 Hino Water Truck, FM500	138,098	0	72,000	0	(66,098)	0
PN1401 Mazda BT50 Tray Top	16,837	0	10,439	0	(6,398)	0
	525,961	26,508	450,113	13,636	(75,848)	(12,872)
<b>Summary</b>					18/19 Budget \$	Ytd Actual \$
Profit on Asset Disposals					84,234	0
Loss on Asset Disposals					(160,082)	(12,872)
			5,448,818		(75,848)	(12,872)





SHIRE OF NORTHAM

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

FOR THE PERIOD ENDING 30 NOVEMBER 2018

5 INFORMATION ON BORROWINGS

(a) Debenture Repayments

Particulars	Principal 1-Jul-18	New Loans		Principal Repayments		Principal Outstanding		Interest Repayments	
		18/19 Budget \$	18/19 Ytd Actual \$	18/19 Budget \$	18/19 Ytd Actual \$	18/19 Budget \$	18/19 Ytd Actual \$	18/19 Budget \$	18/19 Ytd Actual \$
<b>Recreation &amp; Culture</b>									
Loan 208 - Northam Country Club ** 7.36%	9,365	0	3,008	6,128	3,008	3,237	9,365	624	345
Loan 219A - Northam Bowling Club ** 3.18%	182,007	0	0	18,967	0	163,040	182,007	6,870	0
Loan 223 - Recreation Facilities 6.06%	252,562	0	60,342	122,513	60,341	130,049	252,563	15,099	1,268
Loan 224 - Recreation Facilities 6.48%	860,271	0	21,588	43,876	21,588	816,395	860,271	60,776	27,873
Loan New - Swimming Pool	0	2,400,000	0	0	0	2,400,000	0	0	0
Loan New - Youth Space	0	500,000	0	0	0	500,000	0	0	0
<b>Economic Services</b>									
Loan 225 - Victoria Oval Purchase 6.48%	703,858	0	17,663	35,898	17,663	667,960	703,858	49,726	22,805
	2,008,063	2,900,000	102,601	227,381	102,600	4,680,682	2,008,064	133,094	52,291

Note: ** indicates self - supporting loans

All other debenture repayments are to be financed by general purpose revenue.

Loan 221 - No longer a self supporting loan to Northam Aero Club now financed by general purpose revenue.



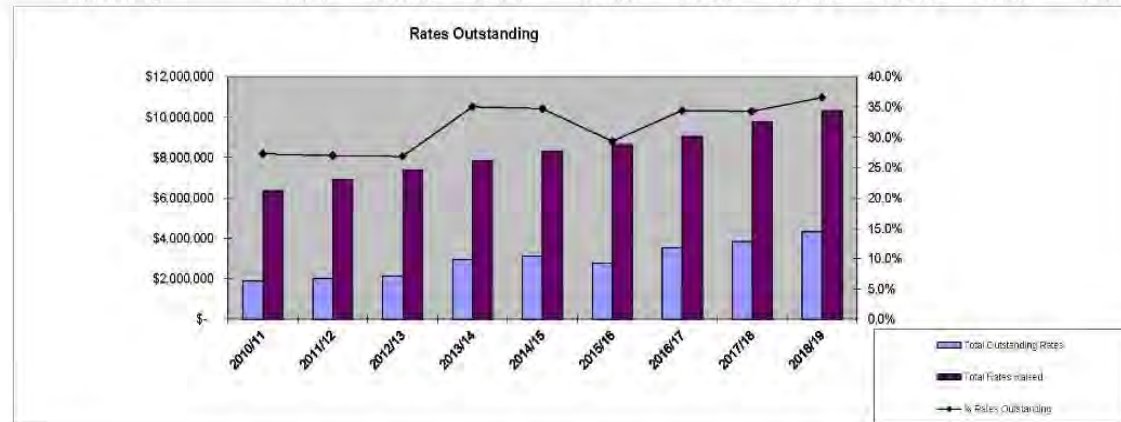
SHIRE OF NORTHAM  
NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY  
FOR THE PERIOD ENDING 30 NOVEMBER 2018

	18/19 Budget				18/19 Ytd Actual					
	Opening Bal	Interest	Tfr To Reserve	Tfr From Reserve	Total	Opening Bal	Interest	Tfr To Reserve	Tfr From Reserve	Total
6. RESERVES - CASH BACKED										
Aged Accomodation Reserve	217,338	4,260	5,000		226,597	217,338	1,036			218,374
Employee Liability Reserve	418,145	8,196			426,340	418,145	1,993			420,137
Housing Reserve	259,499	5,086			264,586	259,499	1,237			260,736
Reticulation Scheme Reserve	69,088	1,354	10,000		80,442	69,088	329			69,417
Office Equipment Reserve	101,066	1,981		(72,276)	30,771	101,066	773			101,839
Plant & Equipment Reserve	109,879	2,154	330,000	(315,585)	126,448	109,879	524			110,403
Road & Bridgeworks Reserve	77,723	1,523	10,000		89,246	77,723	370			78,093
Refuse Site Reserve	476,794	9,345	180,000		666,139	476,794	2,271			479,065
Regional Development Reserve	91,481	1,793		(80,000)	13,274	91,481	436			91,917
Speedway Reserve	144,261	2,828			147,088	144,261	688			144,948
Community Bus Replacement Reserve	63,105	1,433		(62,000)	2,538	63,105	300			63,405
Septage Pond Reserve	191,430	3,752	71,223		266,405	191,430	912			192,342
Killara Reserve	375,484	7,360	4,000	(124,167)	262,677	375,484	1,788			377,272
Stormwater Drainage Projects Reserve	129,330	2,535		(100,000)	31,865	129,330	615			129,945
Recreation and Community Facilities Reserve	1,809,999	35,476	158,965	(1,886,228)	118,212	1,809,999	8,622			1,818,621
Administration Office Reserve	691,211	13,548		(337,500)	367,259	691,211	3,004			694,215
Council Buildings & Amenities Reserve	308,750	6,052	55,579	(175,000)	195,381	308,750	1,468			310,218
River Town Pool Dredging Reserve	303,220	5,943	50,000		359,163	303,220	1,445			304,665
Parking Facilities Construction Reserve	211,280	4,141		(65,000)	150,421	211,280	1,007			212,287
Art Collection Reserve	22,680	445			23,125	22,680	108			22,788
Election Reserve	163	3	15,000		15,166	163	1			164
Revaluation Reserve	40,463	793	20,000		61,256	40,463	193			40,656
Total Cash Backed Reserves	6,112,388	120,000	909,767	(3,217,756)	3,924,399	6,112,388	29,119		-	6,141,507
Total Interest			1,029,767							

All of the above reserve accounts are to be supported by money held in financial institutions.

SHIRE OF NORTHAM  
RATING REPORT  
FOR THE PERIOD ENDED 30 November 2018

	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
<b>Key Rating Dates</b>									
RATES ISSUED	04/08/10	08/08/2011	01/08/2012	04/08/2013	14/08/14	14/08/15	19/08/2016	14/08/2017	15/08/2018
RATES DUE	13/09/2010	22/09/2011	24/09/2012	23/09/2013	01/09/2014	29/09/2015	30/09/2016	18/09/2017	18/09/2018
2nd INSTALMENT DUE	12/11/2010	22/11/2011	19/11/2012	18/11/2013	01/11/2014	29/11/2015	30/11/2016	14/11/2017	14/11/2018
3rd INSTALMENT DUE	11/01/2011	23/01/2012	23/01/2013	24/01/2014	01/01/2015	29/01/2016	30/01/2017	15/01/2018	21/01/2019
4th INSTALMENT DUE	14/03/2011	22/03/2012	29/03/2013	24/03/2014	01/04/2015	28/03/2016	30/03/2017	15/03/2018	21/03/2019
Outstanding Ytd July	\$540,290	\$521,194	\$562,531	\$568,647	\$716,120	\$873,886	\$1,116,220	\$1,483,688.00	\$1,535,793.00
Rates Levied	\$6,268,869	\$6,651,706	\$7,312,029	\$7,758,147	\$8,222,616	\$8,552,189	\$8,931,257	\$9,564,551.00	\$9,925,046.12
Interest, Ex-gratia, interim and back rates	\$75,632	\$63,079	\$89,857	\$73,630	\$80,154	\$83,173	\$208,077	\$205,215.58	\$371,192.91
<b>Rates Paid by month</b>									
1 July	24,586	51,948	38,905	47,443	62,554	29,105	43,333	80,002	94,638
2 August	1,272,790	1,120,912	1,043,163	23,961	119,840	700,198	387,776	2,054,983	1,856,868
3 September	2,736,315	3,251,815	3,604,324	1,152,416	2,650,420	4,519,842	4,243,288	3,784,731	4,014,835
4 October	374,463	318,701	443,703	3,790,646	2,550,091	630,896	1,166,136	484,807	590,724
5 November	600,065	689,461	680,522	444,497	608,022	842,856	908,844	1,038,340	952,902
6 December									
7 January									
8 February									
9 March									
10 April									
11 May									
12 June									
Total YTD	5,008,219	5,432,837	5,810,517	5,458,963	5,988,927	6,722,888	6,728,376	7,400,663	7,509,968
% Ytd Rates Outstanding	27.3%	26.9%	28.9%	35.0%	34.7%	29.3%	34.4%	34.2%	36.5%
Ytd Outstanding	1,876,593	2,003,142	2,132,901	2,941,461	3,129,962	2,796,159	3,526,179	3,852,791	4,322,054



#### 12.4.3 Local Government Elections

Address:	
Owner:	
Applicant:	Shire of Northam
File Reference:	
Reporting Officer:	Cheryl Greenough Governance/Administration Coordinator
Responsible Officer:	Colin Young Executive Manager Corporate Services
Officer Declaration of Interest:	'Nil'
Voting Requirement:	Absolute Majority
Press release to be issued:	No

#### BRIEF

For Council to consider whether or not to utilise the Electoral Commission to conduct the 2019 local government elections and decide on the method of election.

#### ATTACHMENTS

Attachment 1: Nil

#### BACKGROUND / DETAILS

Correspondence has been received from Mr Derek Kerslake, Electoral Commissioner with regard to the next ordinary elections which are to be held on 19 October 2019.

The Commission is offering to conduct a postal election but advises that it is required by the *Local Government Act 1995* to conduct local government elections on a full cost recovery basis. The correspondence includes an estimate of the cost to the Shire of Northam of conducting the 2019 elections. The figures provided are an estimate only and may vary depending on a range of factors including the cost of materials or number of replies received. The basis for the charges is all materials at cost and a margin on staff time only.

The election in 2017 was estimated by the Commission to cost \$36,500 inc GST based on 6,820 electors and a response rate of 35%. The election costs were slightly less with the cost to the Shire being \$34,191.52.

The Shire has in the past opted to use the Electoral Commission to conduct the local government elections and requested the elections to be conducted by post. To date this arrangement has worked very well for the Shire.



## CONSIDERATIONS

Strategic Community / Corporate Business Plan

Theme Area: 6. Governance and Leadership

Outcome: 6.4 The elected members of the Shire of Northam provide accountable, strong and effective community leadership.

Objective: Open, accountable and effective decision making

- **Effectively communicate the Shire's vision and strategic priorities,** internally and externally
- Be a valued member and leader in our regional context
- Develop clear policy settings to guide our organisation and community
- Ensure effective and well-utilised long term planning.

Financial / Resource Implications

Potential cost to the Shire would be approximately \$40,000.

Legislative Compliance

*Local Government Act 1995 S4.20(4) CEO to be returning officer unless other arrangements made.*

*4. A local government may, having first obtained the written agreement of the Electoral Commissioner, declare* the Electoral Commissioner to be responsible for the conduct of an election, or all elections conducted within a particular period of time, and, if such a declaration is made, the Electoral Commissioner is to appoint a person to be the returning officer of the local government for the election or elections.*

** Absolute majority required.*

*Local Government Act 1995 S4.61(2) Choice of methods of conducting election*

*(2) The local government may decide* to conduct the election as a postal election.*

** Absolute majority required.*

Policy Implications

Nil

Stakeholder Engagement / Consultation

Risk Implications

- Reputational – High



- The local government elections need to be conducted in accordance with the Act to ensure transparency.
- Financial - Low
  - The cost is comparable to the Shire conducting the election itself.
- Compliance - High
  - It is a statutory requirement to conduct local government elections.
- Legal – High
  - If the election was not conducted we would be in breach of the Act.

### **OFFICER'S COMMENT**

The next local government ordinary elections will be held 19 October 2019. While this is still some time in the future the Commissioner requires Council's response to two questions.

1. Does the Shire choose to use the Electoral Commission to conduct the election?
2. Does the Shire choose a postal vote?

The Commission has estimated the cost, if postal, at an estimated \$40,000 inc GST, an additional amount of \$1,460 will apply if Council chooses to use Australia Post Priority Service for the lodgement of election packages. However the Commission suggests that the regular service is adequate.

The estimate is based on the following calculations:

- 7,300 electors
- Response rate of approximately 40%
- 5 vacancies
- Count to be conducted at the Shire office
- Appointment of a Returning Officer
- Regular Australia Post delivery service for lodgement of election packages.

The costs not incorporated in the package include:

- Any legal expenses which may occur outside any expenses incurred by the Western Australian Electoral Commission in a Court of Disputed Returns
- One local government staff member to work in the polling place on election day
- Any additional postage rate increase by Australia Post.

The officer's recommendation is to use the Electoral Commission to conduct a postal election.

RECOMMENDATION

That Council:

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 2019 ordinary elections together with any other elections or polls which may be needed.
2. Decide, in accordance with section 4.61(2) of the *Local Government Act 1995* that the method of conducting the election will be as a postal election.

12.5 COMMUNITY SERVICES

13. MATTERS BEHIND CLOSED DOORS

Nil

14. MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil

14.1 Item Name

Background:

**Officer's Comment:**

15. URGENT BUSINESS APPROVED BY PERSON PRESIDING OR BY DECISION

16. DECLARATION OF CLOSURE