

File No: 4.1.14

NOTICE OF ORDINARY MEETING OF COUNCIL

Dear Councillor,

The next Ordinary Meeting of the Northampton Shire Council will be held on Friday 21st April 2017 in the Council Chambers, Northampton commencing at 1.00pm.

Lunch will be served from 12.00pm.

GARRY L KEEFFE CHIEF EXECUTIVE OFFICER

13th April 2017





21st April 2017

NOTICE OF MEETING

Dear Elected Member

The next ordinary meeting of the Northampton Shire Council will be held on Friday 21st April 2017, at The Council Chambers, Northampton commencing at 1.00pm.

GARRY KEEFFE CHIEF EXECUTIVE OFFICER

13th April 2017

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Signed

Date 13th April 2017

GARRY L KEEFFE CHIEF EXECUTIVE OFFICER

AGENDA ORDINARY MEETING OF COUNCIL 21st April 2017

- 1. OPENING
- 2. PRESENT

3. QUESTION TIME

4. CONFIRMATION OF MINUTES

4.1 Ordinary Meeting of Council – 17th March 2017

5. **RECEIVAL OF MINUTES**

5.1 Annual Bush Fire Brigade Meeting – 6th April 2017

6. **REPORTS**

- 6.1 Works
- 6.2 Health & Building
- 6.3 Town Planning
- 6.4 Finance
- 6.5 Administration & Corporate

7. COUNCILLORS & DELEGATES REPORTS

- 7.1 Presidents Report
- 7.2 Deputy Presidents Report
- 7.3 Councillors' Reports

8. INFORMATION BULLETIN

9. NEW ITEMS OF BUSINESS

- 10. NEXT MEETING
- 11. CLOSURE



Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

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Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

3.1 OPENING

The President thanked all Councillors and staff members present for their attendance and declared the meeting open at 1.00pm.

3.2 PRESENT

Cr C Simkin Cr M Scott Cr Stock-Standen	President Deputy President	Northampton Ward Kalbarri Ward Northampton Ward
Cr T Carson Cr D Stanich		Northampton Ward Northampton Ward
Cr R Suckling Cr D Pike		Northampton Ward Kalbarri Ward
Mr Garry Keeffe Mr Neil Broadhurst Mrs Deb Carson	Chief Executive Officer Manager of Works Planning Officer	

3.2.1 LEAVE OF ABSENCE

Cr Holt

3.2.2 APOLOGIES

Cr Krakouer

3.3 QUESTION TIME

Nil.

3.4 CONFIRMATION OF MINUTES

3.4.1 CONFIRMATION OF MINUTES – ORDINARY COUNCIL MEETING 17 FEBRUARY 2017

Moved Cr SUCKLING, seconded Cr STANICH

That the minutes of the Ordinary Meeting of Council held on the 17th February 2017 be confirmed as a true and correct record.

CARRIED 7/0



Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

3.4.2 BUSINESS ARISING FROM MINUTES

Nil

3.5 RECEIVAL OF MINUTES

Moved Cr STANICH, seconded Cr SUCKLING

That the minutes of the Audit Committee Meeting held on the 17th March 2017 be received.

CARRIED 7/0

Moved Cr SCOTT, seconded Cr SUCKLING

That the Compliance Audit Return for 2016 as presented be adopted by Council and forwarded to the Department of Local Government and Communities.

CARRIED 7/0

Moved Cr SCOTT, seconded Cr SUCKLING

That Council in accordance with section 7.3 of the Local Government Act 1995 appointment of Mr Greg Godwin, Mr David Tomasi and Mr Wen-Shien Chai from Moore Stephens as the Shires audit partner for an additional period of 1 year commencing in the 2017/2018 financial year and concluding with the finalisation of the 2017/2018 annual financial statements with the option of annual extensions.

CARRIED 7/0

3.6 WORKS REPORT

3.6.1 INFORMATION ITEMS – MAINTENANCE/CONSTRUCTION WORKS PROGRAM (ITEM 6.1.1)

Noted



Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

3.6.2 REQUEST FOR QUOTE KALBARRI ROAD – SHOULDER RECONDITIONING – 2016/2017 36.00 TO 46.00 SLK (ITEM 6.1.2)

Moved Cr CARSON, seconded Cr STANICH

That the Request for Quote 'Kalbarri Road – Shoulder Reconditioning 2016/2017' as submitted by RDH (Red Dust Holdings) for Shoulder Reconditioning on Kalbarri Road from 36.00 to 46 slk be accepted, with the scope of the works extended to accommodate the requirements of the Regional Road Group grant funds received for this project.

CARRIED 7/0

3.6.3	ASSESSMENT OF ROADS FOR RAV4 NETWORK (ITEM 6.1.3)	
0.0.0		

Noted

Mr Neil Broadhurst departed the meeting at 1:20pm.

3.7 HEALTH/BUILDING REPORT

3.7.1 BUILDING STATISTICS (ITEM 6.2.1)

Noted

3.8 TOWN PLANNING REPORT

3.8.1 SUMMARY OF PLANNING INFORMATION ITEMS (ITEM 6.3.1)

Noted

3.9 FINANCE REPORT

3.9.1 ACCOUNTS FOR PAYMENT (ITEM 6.4.1)

Moved Cr SCOTT, seconded Cr STANICH

That Municipal Fund Cheques 21145 to 21157 inclusive totalling \$79,319.32, Municipal EFT payments numbered EFT16029 to EFT16131 inclusive totalling \$663,013.46, Trust Fund Cheques 2191 to 2196, totalling \$16,325.70, Direct Debit payments numbered GJ0810 to GJ0816 inclusive totalling \$214,492.51



Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

be passed for payment and the items therein be declared authorised expenditure.

CARRIED BY AN ABSOLUTE MAJORITY 7/0

3.9.2 MONTHLY FINANCIAL STATEMENTS FEBRUARY 2017 (ITEM 6.4.2)

Moved Cr SCOTT, seconded Cr STOCK-STANDEN

That Council adopts the Monthly Financial Report for the period ending 28 February 2017.

CARRIED 7/0

3.9.3 DRAFT BUDGET ITEM 2017-2018 (ITEM 6.4.3)

Moved Cr CARSON, seconded Cr SCOTT

That Council in accordance with regulation 33A of the Local Government (Financial Management) Regulations 1996 adopt the review of the 2016/2017 Budget and note any variances or recommendations.

CARRIED 7/0

3.10 ADMINISTRATION & CORPORATE REPORT

3.10.1 REVIEW OF CODE OF CONDUCT (ITEM 6.5.1)

Moved Cr SUCKLING, seconded Cr PIKE

That Council adopts the revised Code of Conduct as presented.

CARRIED 7/0

3.10.2	COMMUNITY SPORT AND RECREATION FACILITIES FUND	
	APPLICATIONS (ITEM 6.5.2)	

Moved Cr STOCK-STANDEN, seconded Cr STANICH

1. That Council supports the two CSRFF grant applications as presented, and forwards them to the Department of Sport and Recreation, with the project priorities being as follows:

Priority 1. Binnu Tennis Club court resurfacing, and



Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

- Priority 2. Northampton Squash Clubs court replacement and airconditioning.
- 2. That Council list for consideration in the draft 2017/2018 budget:
 - (a) a provision of \$27,520 (GST exclusive) for the resurfacing of the Binnu Tennis Courts, and
 - (b) a provision of \$16,960 (GST exclusive) for the re-flooring of the Northampton Squash Court and installation of 3 air-conditioning units.

CARRIED 7/0

3.10.3 FUTURE OF LOCAL GOVERNMENT – NATIONAL SUMMIT (ITEM 6.5.3)

Moved Cr SUCKLING, seconded Cr PIKE

That Council endorse the attendance of Councillors Craig Simkin and Malcolm Scott to attend, with the CEO, the 2017 Future of Local Government National Summit to be held in Melbourne on the 25th and 26th May 2017.

CARRIED 7/0

3.10.4 PROPOSED ROADSIDE FATIGUE PARKING AREA (ITEM 6.5.4)

Moved Cr STOCK-STANDEN, seconded Cr SUCKLING

That Council rescinds Minute 2.10.9 made on 17 February 2017 being:

- 1. Not endorse the Officer's recommendation to support the acquisition of a portion of Lot 2 on the corner of North Road and North West Coastal Highway by Main Roads WA for the construction of a fatigue parking bay for truck combinations up to 53.5 metres in length;
- 2. Advise Main Roads WA that Council does not consider the proposal to be of good use of taxpayer and State Government funds given that there is a proposal to build a Road Train Assembly Area within 3kms of the proposed Fatigue Area; and
- 3. Advise Main Roads WA that Council considers that a better use of funding would be the realignment of the Chilimony Road and North West Coastal Highway intersection.

CARRIED BY AN ABSOLUTE MAJORITY 7/0



SHIRE OF NORTHAMPTON Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

Moved Cr STOCK-STANDEN, seconded Cr STANICH

That Council supports the acquisition of a portion of Lot 2 on the corner of North Road and North West Coastal Highway by Main Roads WA for the construction of a fatigue parking bay for truck combinations up to 53.5 metres in length.

CARRIED 7/0

3.10.5 COMMUNITY BUS TOURISM PROMOTION (ITEM 6.5.5)

Moved Cr PIKE, seconded Cr SCOTT

That Council approve of the placement of promotional sign writing on the Kalbarri Community Bus as requested by the Kalbarri Visitors Centre with all costs to be their responsibility.

CARRIED 7/0

3.10.6 CAMPING FEE EXEMPTION REQUEST (ITEM 6.5.6)

Moved Cr STANICH, seconded Cr PIKE

That Council advises the Northampton Angling Club that the annual fee for the club of \$30 per annum is to remain and that club members should be able to finance this fee.

CARRIED 7/0

3.11 SHIRE PRESIDENT'S REPORT

Since the last Council meeting Cr Simkin reported on his attendance at the following:

25/2/2017 VMR Official Opening of extension to building
1/3/2017 Opening of new condolence room /cremation furnace at crematorium
10/3/2017 Regional Road Group committee meeting
17/3/2017 Audit Committee Meeting
17/3/2017 Main Roads presentation

3.12 DEPUTY SHIRE PRESIDENT'S REPORT

Since the last Council meeting Cr Scott reported on his attendance at the following:

7/3/2017Community Meeting regarding Health Centre and Doctor availability17/3/2017Main Roads presentation



Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

3.13 COUNCILLORS' REPORTS

3.13.1 CR STANICH

Since the last Council meeting Cr Stanich reported on his attendance at:

17/3/2017	Audit Committee Meeting
17/3/2017	Main Roads presentation

3.13.2 CR PIKE

Since the last Council meeting Cr Pike reported on his attendance at:

7/3/2017	Community	meeting	regarding	Health	Centre	and	Doctor
	availability						
8/3/2017	Kalbarri and	d Northan	npton Visitor	Centres	collabor	ative r	neeting
14/3/2017	Kalbarri Vis	itor Centro	e meeting				

3.13.3 CR SUCKLING

Since the last Council meeting Cr Suckling reported on her attendance at:

17/3/2017	Audit Committee Meeting
17/3/2017	Main Roads presentation

3.14 INFORMATION BULLETIN

Noted

3.15 NEW ITEMS OF BUSINESS

Nil

3.16 NEXT MEETING OF COUNCIL

The next Ordinary Meeting of Council will be held on Friday the 21 April 2017 commencing at 1.00pm at the Council Chambers, Hampton Road, Northampton.



SHIRE OF NORTHAMPTON Minutes of Ordinary Meeting of Council held at the Council Chambers Hampton Road, Northampton on 17 March 2017

3.17 CLOSURE

There being no further business, the President thanked everyone for their attendance and declared the meeting closed at 2:05pm.

THESE MINUTES CONSISTING OF PAGES 1 TO 10 WERE CONFIRMED AS A TRUE AND CORRECT RECORD ON FRIDAY 21 APRIL 2017

PRESIDING MEMBER:_____

DATE:_____

Minutes of the Annual Bush Fire Advisory Committee Meeting held at the Council Chambers Northampton on Thursday 6th April 2017.

1. OPENING - PRESENT

The Chief Fire Control Officer opened the meeting at 2.10pm with the following persons in attendance.

Rob McKenzie	Chief Bush Fire Control Officer	Shire of Northampton
Grant Middleton	Deputy CEO	Shire of Northampton
Mike Raykos	Senior Ranger	DP&W
Len Simmons	Captain	Kalbarri VFRS
Mike Paxman	Senior Ranger	DP&W
Ric Davey	Kalbarri Ranger	Shire of Northampton
Scott Bridgeman	Captain	Alma BFB
Anton Atkinson	Captain	Ajana/Binnu BFB
Stan Sutherland	FCO	Kalbarri VFRS
Trevor Dunstan	BRPC	Shire of Irwin/
		Carnamah/Northampton
Andrew Hunt	BRMO	DFES
John Wheelock	AO-Midlands	DFES
Michael Morris	Captain	Northampton VFS
Craig Simkin	Observer	

2. APOLOGIES

Owen Simkin Jerome Drew John Ralph Lindsay Rowe Port Gregory BFB Ajana/Binnu BFB Ajana/Binnu BFB Horrocks BFB

3. CONFIRMATION OF MINUTES

Moved - Ric Davey, Seconded - Len Simmonds

That the Minutes of the Bush Fire Advisory Committee Meeting held on 14^{th} April 2016, be confirmed as a true and accurate record.

CARRIED

4. BUSINESS ARISING FROM MINUTES

Rob Mckenzie and Grant Middleton briefed attendees on the process for fire break inspections for the 2017/2018 year.

The provision of better mapping information for town fire break inspections was requested by Ric Davey.

Action – DCEO

5. BRIGADE REPORTS

5.1 Chief Fire Control Officer

Rob McKenzie briefed attendees on the current status of the Isseka BFB, they have a new captain are getting good numbers. Most brigades were on track

Minutes of the Annual Bush Fire Advisory Committee Meeting held at the Council Chambers Northampton on Thursday 6th April 2017.

however the recent Yallabatharra Fire highlighted the differences in training levels between brigades which will need to be addressed.

5.2 Brigade Reports

Northampton Volunteer Fire Service

Total call outs attended = 28 DBA - (4 Northampton Hospital, 1 Northampton Police), Traffic = 12, Town Fires = 2, Bush Fires = 9,

Kalbarri VFRS

Total call outs attended = 26 Fires = 22, Road Crash Rescue = 5 (Fatality x 1), Structural Fires = 2, Scrub/Bush Fire = 13, Pole Top Fire = 1, Car Fire = 2, Hazmat Response = 2 Fire Alarm (Smoke) = 1

<u>Ajana/Binnu BFB</u>

Header Fires = 3, Lightening Strike = 1, George Grey Drive BASF chemical plant

5.3 Department of Parks and Wildlife

Report from Mike Paxman attached.

5.4 Department of Fire and Emergency Services

John Wheelock advised that that it had been a relatively quiet year with only 2 major fires. The training calendar is available and includes training dates up to October 2017 inclusive. If there is sufficient numbers specific training can be arranged.

5.5 Deputy Chief Fire Control Officer North

Len Simmons expressed his concern with communication at the Yallabatharra Fire and the difference in fire fighting techniques. Generally the event was well attended, the meals were good but there were some delays in the provision of equipment. The attending brigades included Horrocks, Port Gregory, Northampton, Ajana/Binnu and Kalbarri. There was also good support on the fire ground from DFES.

Len Symmons requested a tabbard be provided for the Bush Fire Control Officers so they could be readily identified on the fire ground. It was recommended that a white tabbard would be provided as this would not clash with tabbards used for incident teams as per AIMS guidelines. Also radio call signs were discussed and it was agreed that Rob McKenzie, Len Simmonds and Michael Morris will convene at a later date to discuss the provision of new radio calls signs for DBFCO etc.

Action – CBFCO

Minutes of the Annual Bush Fire Advisory Committee Meeting held at the Council Chambers Northampton on Thursday 6th April 2017.

6. ELECTION OF OFFICERS

Outgoing Chief Fire Control Officer Rob McKenzie vacated the chair. Mr Grant Middleton, Deputy CEO, took the chair and declared all positions vacant.

6.1 Chief Fire Control Officer

Mr Middleton called for nominations for Chief Fire Control Officer. Len Simmonds nominated Rob McKenzie and Rob McKenzie accepted the nomination. There were no further nominations

Moved - Stan Sutherland, Seconded - Anton Atkinson

That the Annual Bush Fire Advisory Committee recommends that Rob McKenzie be appointed to the position as Chief Fire Control Officer.

CARRIED

Rob McKenzie resumed as meeting chair

6.2 Deputy Chief Fire Control Officers

6.2.1 North

Mr McKenzie called for nominations for Deputy Chief Fire Control Officer -North. Ric Davey nominated Len Simmons and Len Simmonds accepted the nomination. There were no further nominations.

Moved - Ric Davey, Seconded - Rob McKenzie

That the Annual Bush Fire Advisory Committee recommends that Len Simmonds be appointed to the position as Deputy Chief Fire Control Officer North.

CARRIED

6.2.2 South

Mr McKenzie called for nominations for Deputy Chief Fire Control Officer -South. Anton Atkinson nominated Michael Morris and Michael Morris accepted the nomination.

Moved - Anton Atkinson, Seconded - Stan Sutherland

That the Annual Bush Fire Advisory Committee recommend that Michael Morris be appointed to the position as Deputy Chief Fire Control Officer South.

CARRIED

Ensure DFES communications centre is notified of the appointed officers where required.

Action - CBFCO

Minutes of the Annual Bush Fire Advisory Committee Meeting held at the Council Chambers Northampton on Thursday 6th April 2017.

7. GENERAL BUSINESS

7.1 First and Final Firebreaks Notice

The Committee reviewed the current Shire of Northampton Firebreaks Notice and burning periods and discussed the modification to the wording for "Residential – Kalbarri & Horrocks (Lots under 0.2ha)

Moved - Michael Morris, Seconded - Ric Davey

That the wording of the Shire of Northampton Firebreaks Notice be changed for "Residential – Kalbarri & Horrocks (Lots under 0.2ha)

From: Must be cleared of all scrub/flammable material or be mulched – pushed up heaps to burn is not permitted.

To: Must be cleared of all flammable material or be mowed/slashed/mulched. Pushing up heaps for burning is not permitted.

CARRIED

Discussion took place and it was agreed that the burning timeframes for 2017/2018 be retained as per the timeframes in 2016/2017. It was unanimous that the extension of the burning period from 15th September to the 1st September was a worthwhile change and the earlier start to the restricted period be retained.

Moved - Len Simmonds, seconded - Stan Sutherland

That the burning timeframes be recommended to Council as follows:

Restricted Period	1/09/2017 - 14/10/2017
Prohibited Burning	15/10/2017 - 1/03/2018
Restricted Period	2/03/2018 - 15/04/2018

CARRIED

7.2 Other Business

Rob McKenzie to follow up with Main Roads about the provision of better signage at the Galena Bridge site, the Truck Stop outside of Northampton and Ogilvie during prohibited burning periods as fires are being lit.

Action – CBFCO

Mike Paxman highlighted the issues in relation to the firebreaks along the Northampton to Kalbarri electricity distribution line as the fire breaks were inadequate.

Minutes of the Annual Bush Fire Advisory Committee Meeting held at the Council Chambers Northampton on Thursday 6th April 2017.

Moved - Mike Paxman, Seconded - Craig Simkin

That the Deputy CEO contact the Batavia LEMC to request that Mike Rakos be allocated time at the next meeting to present to the group the issues with fire breaks along the Northampton to Kalbarri electricity distribution line.

CARRIED

Investigate any rural blocks such as the property encountered during the Yallabatharra Fire that require fire breaks installed.

Action – CBFCO

Clarification of the legislation that is in place that prohibits burning on properties in Kalbarri and Horrocks under 0.2ha.

Action – Ric Davey

Moved - Craig Simkin, Seconded - Stan Sutherland

That the Yallabatharra Bush Fire Brigade be disbanded and joined with the Port Gregory Fire Brigade and named "Port Gregory/Yallabatharra Bush Fire Brigade".

CARRIED

I was noted that there has been issue with the red power pole insulators catching fire, three had caught fire in Northampton and 2 in Robb Road. Also there has been insulators catch fire at the BASF line at Pink Lake.

8. CLOSURE

There being no further business the Chief Fire Control Officer thanked everyone for their attendance and declared the meeting closed at 4.15pm.

Minutes of the Annual Bush Fire Advisory Committee Meeting held at the Council Chambers Northampton on Thursday 6th April 2017.



Government of Western Australia Department of Parks and Wildlife

> Mike Paxman 08 99371140 Mike.paxman@dpaw.wa.gov.au

Parks and Wildlife Fire Report - 2016/17 Season

Northampton Shire Fire Advisory

A.G.M. 6th April 2017

Bushfires- The park has once again experienced a quiet fire season with only one bushfire on 19 Feb 2017, resulting from lightning. This was the same day that saw a number of fire ignitions across the region. The park fire was rapidly tracked and contained –assisted by favourable weather conditions.

Townsite protection – The strong emphasis on improving fire protection in and around the Kalbarri Township has continued this year with further expansion of the network of low fuel buffers -commenced in 2014/15. Under this program 23km (150ha) of mulching and 40km of scrub rolling has been completed. Funding for this work has been provided via the federal government's National Disaster Resilience Program.

A number of prescribed burns have been completed this season (assisted by Kalbarri VFRS volunteers) –with a priority given to burns which provide protection to the Kalbarri town site, major access roads and vital infrastructure. Approximately 15km of buffers have been treated so far, with a number of additional burns planned for implementation over the next few months. Most of these burns will be open edge burns and will help complement the fuel reduction mulching and scrub rolling which has recently been completed.

A number of permit burns have been conducted this autumn on private properties adjoining the Park – and I am very appreciative of the many neighbours who notified me prior to these burns commencing.

On behalf of the Department of Parks and Wildlife I wish to thank members of the Kalbarri, Binnu/Ajana and Northampton Brigades for their continued support and assistance throughout the year.

Mike Paxman

Senior Ranger Kalbarri National Park 5th April 2017



WORKS & ENGINEERING REPORT CONTENTS

6.1.1 INFORMATION ITEMS MAINTENANCE / CONSTRUCTION WORKS PROGRAM

2



6.1.1 INFORMATION ITEMS – MAINTENANCE/CONSTRUCTION WORKS PROGRAM REPORTING OFFICER: Neil Broadhurst - MWTS DATE OF REPORT: 12th April 2017 APPENDICES: 1.

The following works, outside of the routine works, have been undertaken since the last report and are for Council information.

Specific Road Works

- Maintenance grading carried out on Erriary, Binnu West, Ogilvie West, Balline

 Lucky Bay and Yerina Springs Road/s.
- Gravel Patching/Sheeting/Verge works carried out on Ogilvie West and Yerina Springs Road/s.

Maintenance Items

- Northampton Wundi Road Verge clearing with assistance from local landowner.
- Northampton Community Centre Water supply to main building and water damage Reinstatement works complete.
- Northampton and Kalbarri Chemical spraying to verges.
- Northampton oval 2 x applications of fertiliser.
- Kalbarri Damaged liner at Eco Flora sub division area being investigated with intention to most likely replace pending receipt of quote to undertake the works.

Other Items (Budget)

- Northampton Pioneer Lodge bulk works continuing when available.
- Northampton West Street drainage and reseal works commenced.
- Kalbarri Sporting Complex works commenced. Retaining wall works completed. Pavement construction including asphalt sealing completed. Light Towers to be installed prior to Easter, Fencing contractor to be onsite first week of May 2017. Final surface including line marking etc anticipated to be completed first week of June 2017.
- Kalbarri Assistance with Sally's tree toilet works.
- Kalbarri Hackney Street culvert upgrade and associated works.
- Rural Chilimony Road Reconstruction works completed to primerseal stage.
- Rural Binnu West Road Reseal to final stage completed.
- Rural Binnu East Road Reseal to 8kms.
- Rural Kalbarri Road Shoulder Reconditioning. Thirteen kilometres completed prior to Easter. Two x additional areas around the Ajana town site to commence after Anzac Day.



Plant Items

• Nil.

Staff/Personnel Items

- Up to 3 x Casual staff for Chilimony Road construction works and Maintenance works activities.
- Health and Wellbeing seminar with inside and outside staff.

OFFICER RECOMMENDATION – ITEM 6.1.1

For Council information.

WORKS CREW 12 MONTHLY PROGRAM AND PROGRESS REPORT (2016/2017)

(April 2017)

2016/2017 Budget Works	Status	Comments
Regional Road Group Projects		
Kalbarri Road Shoulder Reconditioning works 36 - 46 slk	Commenced	Additional works schedule to satisfy funding requirements
Horrocks Road Shoulder Reconditioning works 9.4 - 13.4 slk		Stage 2 of 3
Roads to Recovery		
Binnu East Road Bitumen Reseal 18.4 to 22.4 slk	COMPLETE	
Chilimony Road Reconstruct 8.85 - 10.10 and 111.7 - 12.85 sk	COMPLETE	
Horrocks - Mitchell Street Add kerbing and Slurry/Asphalt seal		
Binnu East Road Bitumen Reseat 14.4 to 18.4 and 22.4 to 26.4 sik	COMPLETE	
Royalties for Regions Funding		
Binnu West Road Construct and seal - Stage 2 of 2 (Total 9kms min)	COMPLETE	Complete total of 9 kms as part of funding commitment.
White Cliffs Road Construct and seal - Stage 1 of 2 (Total 12kms)		
Cont.		

2016/2017 Budget Works	Status	Comments
<u>MUNICIPAL FUND CONSTRUCTION</u> (Carry over 2015/16)		
Harvey Road Pavement Repairs		
Northampton - West Street Upgrade stormwater at lowpoint	Commenced	
Kalbarri - Sallys tree / VMR car park area Repair pavement and reseal		
Horrocks - Glance Street (HCC) Asphalt access road and car park area	COMPLETE	
<u>Kalbarri</u>		
Gilgai Tavern Car Park Install pedestrian refuge and asphalt seal carpark	COMPLETE	
Hackney Street Repave shop front area Walker/Hackney Street	COMPLETE	
Hackney Street Upgrade stormwater at lowpoint	Commenced	
<u>Northampton</u>		
Kitson Court Reseal LIA access road		
West Street Reseal Stephen Street to Bateman Street		
OTHER WORKS - SHIRE ASSISTED WORKS		
Kalbarri - Sporting complex Tennis,Netball, Basketball Vegetation clearing, Bulk Earthworks, Car park etc	Commenced	
Northampton - Pioneer Lodge Accom extensions Vegetation clearing, Bulk Earthworks, Access Roads etc	Commenced	
Kalbarri - Floating Jetty - North Boat Ramp Install concrete abutments, assist with offloading and install	ĊŎŴ₽ĿĔŦĖ	
Cont.		

2016/2017 Budget Works	Status	Comments
MUNICIPAL FOOTPATHS		
Horrocks - Glance Street Dual Use: Pathway:around southern car park	COMPLETE	
Kalbarri - Grey Street Replace DUP plus improvements to front of Allen Centre		
Northampton - Stephen Street Replace DUP from NWCH to West Street		
MUNICIPAL FOOTPATHS		
Northampton oval Verti drain and verti mow works	COWPLETE	
Horrocks Jetty Maintenance works to pier supports		
OTHER WORKS - Depots		
Northampton - NWCHI Yard Replace front fence and gates.	COMPLETE	
Kalbarri - Depot Yard Upgrade/Repair loading ramp and bulk storage area.		
Northampton - Wannerenooka Boresite	COWPLETE	New bore dritled,Existing pipeline being replaced on alternative alignment
Northampton - Wannerenooka Storage Tanks New Tanks x 2 plus barrier fence replacement	Commenced	Site inspected and subject to Lead contamination review. Lead contamination cleanup to commnece Feb/March 2016
Northampton - Street Bins Replace/Additional steet bins		5 x Standard Victoria style street bins have been ordered, Larger bin design to be decided
Northampton - Event bins Additional bins for event requirements	COMPLETE	
Northampton - Office Install Rait to car park embankment	COMPLETE	
Cont.		

2016/2017 Budget Works	Status	Comments
PLANT ITEMS - Major		
Northampton - Prime Mover Purchase new - trade/sell P136 Mitsibishi Prime Mover	Awarded	Major Motors - Isuzu - Delivery June 2017
Northampton - 6 Wheel Truck Purchase New - trade/sell P177 6 Wheel Tip Truck	Awarded	Major Motors - Isuzu - Delivery June 2017
Northampton - Manager of Works Purchase new - trade/sell P223 Toyota Prado	COWPLETE	Pending minor additions:
PLANT ITEMS - Minor/Other/Sundry tools		
Northampton - Fertiliser Spreader Northampton - Leading Hand - Trip meter Northampton - Depot pressure cleaner Northampton - Small Chainsaw Northampton - Depot Air Grease Gun Northampton - Dia 400mm auger Northampton - Hitachi combo tool kit Northampton - Gardeners - Whipper Snipper FS94 Northampton - Gardeners - Blower vacuum BR450 Northampton - Gardeners - Hedge Clippers HS82T Kalbarri - Hitachi combo tool kit Kalbarri - Blower BG86C		
Kalbarri - Reticulation remote phone applic Kalbarri - Drill Press Horrocks - Hitachi combo tool kit Two Way Radios - Uniden to suit x 4 (2 x Nton, 2 x Kalb)		
OTHER WORKS - SPECIFIC / MAINTENANCE		
Ogilvie East Road - Nolba to Balla Whellarra Balla Whellarra Road - 1.1km yellow sand		



HEALTH AND BUILDING REPORT CONTENTS

6.2.1 BUILDING STATISICS FOR THE MONTH OF MARCH 2017 2



6.2.1 INFORMATION ITEM: BUILDING STATISTICS DATE OF REPORT: 13th April 2017 RESPONSIBLE OFFICER: Glenn Bangay – Principal EHO/Building Surveyor

1. BUILDING STATICTICS

Attached for Councils' information are the Building Statistics for March 2017.

OFFICER RECOMMENDATION – ITEM 6.2.1

For Council information.



SHIRE OF NORTHAMPTON HEALTH AND BUILDING REPORT – 21st April 2017

SHIRE OF NORTHAMPTON - BUILDING APPROVALS - MARCH 2017									
						Materials			Fees
					1. Floor			1. App Fee	
Approval Date	App. No.	Owner	Builder	Property Address	Type of Building	2. Wall	Area m2	Value	2. BCITF
						3. Roof			3. BRB
									4. Other
		D & K Hagan	Shoreline Outdoor World		Shed	1. Concrete	101	\$171,710	1. 96.00
7/03/2017	1491	PO Box 3388	PO Box 3223	11 (Lot 140) Mortimer Street		2. C/Bond			2. 0.00
//00/201/	BLUFF POINT BLUFF POINT KALBARRI	oneu	3. C/Bond		۷۱ <i>۷</i> ۲۲۲۲۷	3. 61.65			
								4. 0.00	
G Fenn 7/03/2017 1498 PO Box 11 KALBARRI	PO Box 11	Reker Homes 31 Jenning Way LOCKRIDGE			1. Timber		\$45,000	1. 144.00	
			12 (Lot 6) Grey Street	Additions	2. Brick	35		2. 90.00	
			KALBARRI		3. C/Bond			3. 61.65	
	TO LED INT							4. 0.00	
	H & M Taakla	H & M Teakle	WBS Group Pty Ltd	176 (Lot 20) Teakle Road	20) Teakle Road Farm Sheds	1. Concrete	540	\$83,600	1. 267.52
9/03/2017	1497	PO Box 198	PO Box 910			2. Zinc			2. 167.20
NORTHAMPTON		NORTHAM	NORTHAMPTON		3. Zinc			3. 114.53	
								4. 0.00	
24/03/2017 1496	WA Country Health Service PO Box 22 GERALDTON	Shoreline Outdoor World PO Box 3223 BLUFF POINT	24 (Lot 60 & 61) First Ave NORTHAMPTON	Garage/Shed	1. Concrete	47	\$19,449	1. 96.00	
					2. C/Bond			2. 0.00	
					3. C/Bond			3. 61.65	
									4. 0.00
	DG & TA Morris	West Steel Sheds			1. Concrete			1. 96.00	
27/03/2017	27/03/2017 1499	58 Bromfield Drive KELMSCOTT	45 Bradford Street GERALDTON	8 (Lot 814) Karina Mews KALBARRI	Storage Shed	2. C/Bond	37.8	\$10,000	2. 0.00
						3. C/Bond			3. 61.65
								4. 0.00	



TOWN PLANNING CONTENTS

6.3.1	PROPOSED SOLAR THERMAL POWER STATION, KALBARRI – LOT 10792 GEORGE GREY DRIVE, KALBARRI
6.3.2	PROPOSED FIREARM DEALER – LOT 239 (NO. 125) JOHN STREET, NORTHAMPTON 26
6.3.3	REQUEST FOR WAIVER OF PLANNING AND BUILDING APPLICATION FEES – GARAGE – LOT 41 (NO. 193) HAMPTON ROAD, NORTHAMPTON
6.3.4	SUMMARY OF PLANNING INFORMATION ITEMS



SHIRE OF NORTHAMPTON TOWN PLANNING REPORT – 21 APRIL 2017

6.3.1	PROPOSED SOLAR THERM GREY DRIVE, KALBARRI	IAL POWER STATION, KALBARRI – LOT 10792 GEORGE				
	LOCATION:	Lot 10792 George Grey Drive, Kalbarri				
	APPLICANT:	Veris				
	OWNER:	Allsage Pty Ltd				
	FILE REFERENCE:	10.6.1.3 (A4151/L10792GEO)				
	DATE OF REPORT:	4 April 2017				
	RESPONSIBLE OFFICER:	Hayley Williams - Principal Planner				
A	APPENDICES:					
	1. Development Plans	Development Plans, including existing ground levels				
	2. Updated Schedule a	Updated Schedule of Submissions				
	3. Noise Management	Plan – Revision 2, including advice from Department of				
	Environment Regula	Environment Regulation and Aecom's response				
	4. Soil and Water Management Plan;					
	5. Visual Impact Asse	5. Visual Impact Assessment;				
	6. Traffic Impact Asses	5. Traffic Impact Assessment for Construction;				
	7. Additional informat	ion concerning heat, reflection and glare concerns				

AUTHORITY / DISCRETION:

Quasi-Judicial when Council determines an application within a clearly defined statutory framework, abiding by the principles of natural justice, acting only with discretion afforded it under law, and giving full consideration to Council policies and strategies relevant to the matter at hand. These decisions are reviewable by the State Administrative Tribunal.

SUMMARY:

Council is in receipt of an application for the construction of a Solar Thermal Power Station upon Lot 10792 George Grey Drive, Kalbarri.

Council considered the proposed development at their Ordinary Meeting held on 18 November 2016 whereby they resolved to defer consideration pending submission of additional information.

The Applicant has submitted the following reports for Council consideration:

- Noise Management Plan Revision 2;
- Visual Impact Assessment;
- Plans detailing ground levels and finished floor levels of the proposed development;
- Traffic Impact Assessment for Construction;



- Additional information concerning heat, reflection and glare concerns; and
- Soil and Water Management Plan.

The above reports were referred to the relevant Government agencies for technical advice and comment. It is noted a number of responses are still pending.

Comment has been received from the Department of Environment Regulation in regard to the Noise Management Plan which identifies a number of information gaps and shortfalls in the noise assessment and modelling. The Department of Water has also forwarded their technical advice on the Soil and Water Management Plan via email on 11 April, 2017 The Department of Fire and Emergency Services has not provided any additional advice on the Bushfire Management Plan.

It was strongly suggested to the Applicant that until the technical advice is received and where necessary the management plans are adjusted accordingly, Council would be unable to make a fully informed decision on the proposed development and therefore the Officer's recommendation would be to defer consideration of the application until all parts of Council's previous resolution are addressed satisfactorily.

BACKGROUND:

Lot 10792 George Grey Drive, Kalbarri (the 'site') is a 1,007ha property that is located to the south of the Kalbarri townsite and to the east of Eco Flora and Capital Hill Residential Developments.

An Application for the construction of Stage 1 of the Solar Thermal Power Station (the 'Power Station') was received by the Shire on 2 May 2016 with advertising taking place from 17 May 2016 until 15 June 2016. Following the advertising period the applicant was sent a letter requesting the submission of additional information to assist in the assessment and determination of the application.

Between the 2-8 of November 2016 the applicant submitted additional information in response to those items raised during the advertising period.

The Power Station is proposed to be constructed in two stages which would give a total development area of 26.45ha.

This application is for **Stage 1 only**.

The application for Stage 1 consists of the following infrastructure:

- 12 x Solastore Graphite Storage Towers;
- 1,296 x Heliostat mirrors;
- 28 x Radiators (cooling towers);



- 1 x water storage tank;
- 1 x diesel storage tank;
- 1 x transformer; &
- 28 x 20m outbuilding to contain 2 solar thermal generators, a black start generator and other plant and facilities.

A full copy of the received application has been provided previously to Councillors at the November 2016 meeting. However, development plans for the proposal are again included as **Appendix 1**.

The proposed development was considered by Council at their Ordinary Meeting held on 18 November 2016 where it was resolved:

"That Council defer the application for the construction of the proposed Solar Thermal Power Station (Stage 1 only) upon Lot 10792 George Grey Drive, Kalbarri subject to:

- 1. Receipt of the following additional information:
- a. Water and Soil Management Plan based on both Stage 1 & 2 of the proposal to the requirements of Department of Water and Department of Environment Regulation and the approval of the Local Government, with all costs met by the applicant. The Water and Soil Management plan is to address items including surface, ground, and storm water, drainage, erosion and stabilisation of the land, water usage, groundwater drawdown impacts, waterways/foreshore reserve management and related management actions to these items and as otherwise directed by the Department of Water. The applicant is suggested to liaise with the Department of Water and Department of Environment Regulation to ensure the Management Plan meets their requirements prior to submission to the local government.
- b. Noise Management Plan based on both Stage 1 & 2 of the proposal prepared by a suitably qualified professional to the requirements of the Environmental Protection (Noise) Regulations 1997 to the approval of the Local Government, with all costs met by the applicant.
- c. Plans that demonstrate based on both Stage 1 & 2 of the proposal the existing and proposed ground levels under the development area of the site in relation to the proposed built development.
- d. Landscape and Visual Analysis Report based on both Stage 1 & 2 of the proposal prepared by a suitably qualified professional that explores the visual impact that the development is expected to have on the landscape and



surrounding area and proposes possible solutions to potential impacts identified.

Further information relating to the impacts of the heat and reflection generated by the mirrors and their effect on the temperature of the air and surrounding area, weather impacts and nuisance to residents and motorists.

- 2. Councillors undertaking a site inspection at the subject site and surrounding areas.
- 3. The applicant being invited to present to Council on the matter to gain a better understanding of the application and project outcomes for Kalbarri and the region.

The Applicant has addressed the above resolution of Council in part by providing the following documentation:

- Noise Management Plan (Revised);
- Soil and Water Management Plan;
- Visual Impact Assessment;
- Traffic Impact Assessment for Construction;
- Additional information concerning heat, reflection and glare concerns; and
- Plans detailing existing and proposed ground levels of the development area (included with Development Plans in Appendix 1).

It is noted that not all Government agencies have provided their support to the above documents, namely the submitted Noise Management Plan and Soil and Water Management Plan. Additional comment was also sought from the Department of Fire and Emergency Services, however, to date a response has not been forthcoming.

Copies of these documents are attached in Appendices 3, 4, 5, 6, and 7under a separate cover.

Although the application to be considered by Council is for Stage 1 only, Council required the Soil and Water Management Plan and the Noise Management Plan address both Stage 1 and Stage 2. There are number of discrepancies with the number and type of equipment being proposed from that which is shown on the development plans previously considered by Council for Stage 2.





COMMUNITY & GOVERNMENT CONSULTATION:

Advertising of the proposed Solar Thermal Power Station has occurred in line with the requirements set out by Section 64 of the deemed provisions of the *Planning and Development (Local Planning Schemes) Regulations* 2015.

In addition, the Shire's 'Consultation for Planning Proposals' Local Planning Policy also requires that for applications that are discretionary after advertising, or may affect or impact surrounding properties, that the local government:

- "i. publish a notice of the development proposal in a newspaper circulating in the area;
- ii. arrange for a sign or signs to be placed in a prominent position(s) on the site;
- iii. consult the owners/occupiers of all land within a radius of 100m of the boundary of the application site for land within an urban area or within an existing settlement, or 500m radius for land within a rural area, except where it is determined by the local government that the proposal will not have any significant impact on certain portions of the area;
- iv. consult with the owners/occupiers of land beyond the foregoing areas where, in the opinion of the local government, there will be an impact along key transportation facilities, tourist routes or view-sheds; and/or
- v. consult as necessary with other affected government agencies or statutory authorities as the case requires, drawing attention to the form of the development proposal and inviting comment within a period not being less than 21 days or, where appropriate, such longer period as may be necessary to comply with relevant legislation."

The advertising period for the application ran from 17 May 2016 until 15 June 2016.

At the conclusion of the advertising period 8 submissions had been received in total in relation to the development. 7 of these submissions were received from government agencies offering comment upon the proposal and 1 submission was received from a private landowner raising concerns and questions in relation to the proposal.

Council has previously determined these submissions and as a result required another round of advertising to Government agencies, from 6 January 2017 to 3 February 2017.



A Schedule of Submissions outlining additional consultation measures, comments made to the landowner/proponent and recommendations is included in **Appendix 2**. Copies of the Agencies submissions can be viewed by Councillors upon request.

FINANCIAL & BUDGET IMPLICATIONS:

Nil, however should Council refuse this application and the applicant proceed to exercise their right of appeal, costs are likely to be imposed on the Shire through its involvement in the appeal process.

As this is for Stage 1 only the planning application fee was also based on the suggested construction cost of this stage. On application for Stage 2 the applicant will be required to pay a further planning application fee to Council for the determination of the application. Given the construction cost of Stage 1 it is also likely that the larger Stage 2 component would be required to be placed before the Midwest-Wheatbelt Joint Development Assessment Panel for determination.

STATUTORY IMPLICATIONS:

Shire of Northampton Town Planning Scheme No.9 - Kalbarri

The subject property is zoned 'Rural' under the Scheme. The development meets the required setbacks and site coverage of the Scheme.

Section 3.1.2.6 of the Scheme states the following purpose and intent for the 'Rural' zone:

- "(a) for land north of the Murchison River, to provide for retention andenhancement of the rural landscape in a manner consistent withsound land use management principles; and
- (b) for land south of the Murchison River, to maintain the rural characterand to prevent the use of the land for any use which may adverselyaffect potential future expansion of the urban area."

The application is considered to meet the purpose and intent of the zone as the location of the facility is approximately 1.6km from the western boundary of the property which is the closest that urban development could be developed at this point in time on adjoining land which is considered to be of sufficient distance to not be negatively impacted upon by the development.



<u>Draft Local Planning Scheme No.11 – Kalbarri</u>

Under the draft Local Planning Scheme No.11 this application would be considered under the land use of 'Renewable Energy Facility'. This is an 'A' land use under the Scheme meaning that the use is not permitted unless the local government exercises its discretion by granting development approval after giving special notice in accordance with clause 64 of the deemed provisions.

POLICY IMPLICATIONS:

State Planning Policy 3.7 'Planning in Bushfire Prone Areas' (SPP 3.7)

As the property is located within a designated Bushfire Prone Area the applicant was required to prepare a Bushfire Management Plan that meets with the requirements of the Planning in Bushfire Prone Areas State Planning Policy.

A Bushfire Management Plan has been received and was tabled at the November 2016 meeting. As part of the additional advertising period, the Shire of Northampton referred the Bushfire Management Plan to the Department of Fire and Emergency Services (DFES) for their technical advice based uponthe development being considered a "High Risk" land use as defined by the SPP 3.7.

The Department was given until the 17 March 2017 to respond, however no response has been received despite staff attempts to follow up on the response.

STRATEGIC IMPLICATIONS:

Kalbarri Townsite Local Planning Strategy

The Kalbarri Townsite Local Strategy states the following in relation to the subject lot:

"The eastern lot to be protected for long term residential requirements following substantial subdivision of Precinct SR1.

Subdivision and development to be subject to Use and Development provisions of BF1.

Protection and restoration of existing creek lines in Recreation and Conservation Reserves.

Minimum 10m vegetated buffer to be retained and planted where necessary infuture subdivision to all surrounding major road boundaries including majorinternal distributor."





Lot 10792 is given a designation of long term residential with the future development of this area not to occur before the substantial subdivision of the Precinct SR1 which sits to the south of Nanda Drive.

Given the size of the subject lot and the location of the Power Station at the south eastern corner it is considered that there is still adequate area available for residential expansion to be undertaken upon the lot before the proximity of the Power Station would prevent further development east upon the lot. With the rate of residential expansion and the generous setback between the proposal and existing residential lots it is not considered that this proposal detrimentally impacts upon future strategic planning of the lot or surrounding area.

COMMENT:

Further to Council's resolution at their meeting held on 18 November 2016, the Applicant has provided additional information to support the application. An overview of these documents, along with the Government agencies technical advice and recommendations is summarised below:

Visual Impact Assessment (Landscape Planners, 2017)

The proposed location of the development upon the lot allows for generous setbacks to site boundaries with a minimum distance of 1.6km to the western boundary and 2.2km to the nearest dwelling. While it is noted that the scale and height of the storage towers will contrast with the surrounding low shrub land vegetation and rocky outcrops it is considered that the separation distances to surrounding landuses is a key mitigation measure to minimise visual prominence of theproposed facility.

As well as being partially buffered by generous setbacks the existing contours of the land will also ensure that the development is partly screened from some vantage points along George Grey Drive and the existing residential areas.

At the request of Council the Applicant has now provided a Visual Impact Assessment Report, included as Appendix 5 (separate to report).

Please note that the visual assessment provided by the applicant is for Stage 1 and Stage 2.

The report notes there are two views that have a moderate visual impact and will require mitigation. These views are:

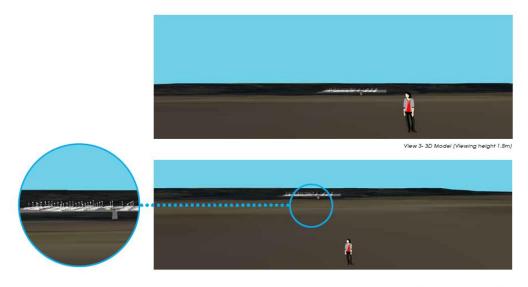


View 3 – Explorer Avenue

This is a typical view point for residents of large lot residential areas. The viewpoint on the model is at 4 metres to simulate views from a second storey. The view is dominated by the texture of the surrounding vegetation and partially obstructed when viewed from ground level.

The site will be highly visible from this viewpoint due to the proximity to the site, within the middleground views and the terrain sloping towards the site, with the site located on the rise beyond the creekline.

The cleared area, access tracks power transmission lines, towers, mirror arrays and all site infrastructure will be viewed from this location, providing a high contrast. Therefore the Visual Impact Assessment recommends mitigation strategies be employed to reduce the visual impact for the residential receptor.



View 3- 3D Model with person scale (4m)

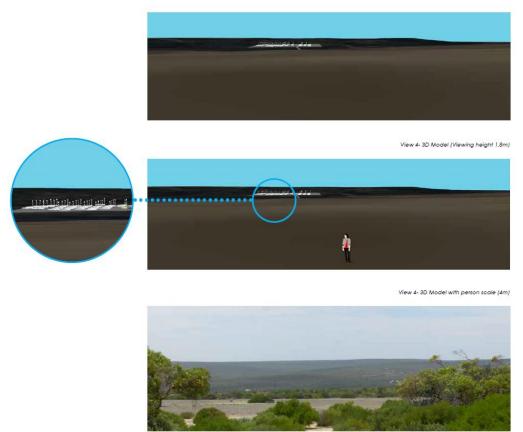


View 3- Site Photograph (Viewing height 3m)



View 4 – Beagle Road

View 4 from rural residential properties along Beagle Road are subject to the same description and visual analysis provided for View 3.



View 4- Site Photograph (Viewing height 1.8m)

The Visual Impact Assessment Report includes a number of mitigation strategies to address the moderate visual significance on properties along Explorer Avenue and Beagle Road.

A Visual Mitigation Summary has been provided outlining a range of measures (refer Table 3, refer pg. 12) to ameliorate the visual impact of the proposed development. It is considered with the mitigation measures to reduce the impact of clearing and development structures that the visual impact will be reduced significantly.



SHIRE OF NORTHAMPTON TOWN PLANNING REPORT – 21 APRIL 2017

Table 3 -Impact Mitigation Summary

	Vi	sual Mitigation Summary
	Infrastructure	Impact Mittigation
1	Clearing for Access Tracks	Revegetate all cleared areas not required for access
		Revegetate with species consitent with surrounding vegetation
		with a mature height of 3m
		Mulch all bare areas with organic mulch
2	Clearing for Power Lines	Revegetate all cleared areas not required for access and
		maintenance
		Revegetate with species consitent with surrounding vegetation
		with a mature height of 3m
		Mulch all bare areas with organic mulch
3	Clearing for Solar Infrastructure	Mulch low fuel zone with inorganic mulch dark in colour to
		reduce visual contrast.
		Revegetate all cleared areas not required for access and
		maintenance outside of the site
		Revegetate with species consitent with surrounding vegetation
		with a mature height of 3m
		Mulch all bare areas around infrastructure with inorganic mulch
		dark in colour to reduce visual contrast
		Mulch all cleared areas, let vegetation restablish and slash
		periodically to reduce fuel load and create a finish with a low
		visual contrast
		Provide planting on the western side of Lot 10792 to potentially
		screen or disrupt views to infrastructure
4	Power Lines	Utilise timber posts to match existing
5	Solar Mirrors	Paint mirror stands and base green to reduce contrast
		Mulch all bare areas around infrastructure with inorganic mulch
		dark in colour to reduce visual contrast
6	Solar Receiving Towers	Ensure towers have an open structure
	_	Select open designed reciever blocks if possible
		Paint to ensure a reduction in visual contrast
		Mulch all bare areas around infrastructure with inorganic mulch
		dark in colour to reduce visual contrast
7	Cooling Units	Paint Cooling towers green to reduce visual contrast
		Mulch all bare areas around infrastructure with inorganic mulch
		dark in colour to reduce visual contrast
8	Water Tank	Select green colourbond to reduce visual contrast
		Mulch all bare areas around infrastructure with inorganic mulch
		dark in colour to reduce visual contrast
9	Transformer	Paint transformer green to reduce visual contrast
		Mulch all bare areas around infrastructure with inorganic mulch
		dark in colour to reduce visual contrast
10	Operations Building	Design buildings with flat or skillion roof rather than pitched
		roof
		Select green colourbond to reduce visual contrast
		Mulch all bare areas around infrastructure with inorganic mulch
		dark in colour to reduce visual contrast
11	Parking	Ensure hard stand constructed of a dark coloured roadbase
		material to reduce its visual impact
		Provide organic or inorganic to edges of carpark.
		Revegetate around carpark
12	Fencing	Insure that fence is constructed from open mesh material to
		reduce its visual impact.
		Consider the use of black PVC coated mesh.





Impacts of Heat, Reflection and Glare (Aecom, 2017)

The Applicant has also provided additional information on the concerns raised regarding heat, reflection and glare. This information is included in **Appendix 7** (separate to report).

The design of the proposed structures results in any reflected light shining onto the ground at a maximum distance from the tower to the furthest reflector for that tower. This means the light is not visible to motorists or people at a distance. According to Aecom the light spill is unlikely to be a nuisance to residents and passing motorists and glare issues and nuisance has not been observed in similar installations in Australia.

The Visual Impact Assessment conducted by Landscape Planners included 3D modelling for 48 solar mirror arrangements, consisting of 1296 heliostat mirrors. As a result of this modelling the visual impact of the mirrors is not considered to be high, due to the low height 2500mm, although the visual contrast will be high. Reflection from the mirrors is not considered to be high as they are designed to track the sun and reflect the light to the receiving towers.

Aecom also state that concentrating solar thermal technologies, including the system proposed for Kalbarri have not been associated with any changes to localised weather conditions.

Noise Management Plan – Revision 2 (Aecom, 2017)

Council at their November 2016 meeting resolved that the landowner/proponent shall prepare and submita Noise Management Plan to the requirements of the *Environmental Protection (Noise) Regulations* 1997 and to the approval of the Local Government, with all costs met by the applicant.

This Plan was required to demonstrate that a maximum night time criterion of L_{A10} 35 dB(A) can be achieved at the western boundary of Lot 10792 (1.6km from the site) and provide noise attenuation measures for the proposed outbuilding. The Noise Management Plan should address both construction and operational noise emissions (including the use of the back-up diesel generator). This Plan should be based on the actual equipment to be installed at the site. The Plan also needs to demonstrate that a maximum night time criterion of L_{A10} 35 dB(A) or below can be achieved at the western boundary of Lot 10792 (1.6km from the site) to achieve compliance for future potential housing upon the western adjoining lot. Regardless of the assessment outcomes the Shire expects that the outbuilding would be noise attenuated to reduce noise emissions to preserve the amenity of the area from mechanical noise and therefore the Plan will need to demonstrate what noise attenuation measures are being constructed into the design of the building (i.e. acoustic panelling).



The Applicant has prepared and submitted a Noise Management Plan, which is included as Appendix 3 (separate to this report). This report was referred to the Department of Environment Regulation (DER) for technical advice. The advice received from DER on 28 March 2017 raised concerns with some of the data and reference points being used to form the basis of the noise modelling. A copy of their technical advice is included with Appendix 3. For example:

- The assessment sees significant amendments to the proposal with changes to both generation configuration and cooling systems for Stage 2;
- Changes to the full capacity proposal for the configuration of generators;
- No sound power data for turbogenerators;
- Contribution of cooling tower noise emissions;
- Noise assessment should include worst-case noise propagation and not assume a neutral meteorological condition.

The technical advice received from DER was forwarded to the Applicant (Veris) on 29 March 2017. Accom responded to this advice on 10 April 2017 and their response is also included within Appendix 3.

Aecom has provided a response to DER's concerns, however, they have not yet provided a revised Noise Management Plan, including modelling based upon new data and reference points.

It is recommended the Applicant provide a revised acoustic assessment in response to the items raised in DER's technical advice and that the revised assessment should reflect as accurately as possible the emissions from the site associated with the final design and clearly explain any assumptions.

Environmental Impact

The proponent provided a detailed environmental impact assessment in the form of a Level 1 Flora, Vegetation and Fauna Survey. The scope of work required that the flora and vegetation survey was undertaken in accordance with EPA Guidance Statement 51: Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia (EPA 2004). The Level 1 fauna survey was undertaken in accordance with Guidance Statement 56: Terrestrial Fauna Surveys for Environmental Impact Assessment in Western Australia (EPA 2004b). Targeted surveys for Environmental Impact Assessment in Western Australia (EPA 2004b). Targeted surveys were also undertaken in potential habitat for Declared Rare Flora, priority listed flora, Threatened Ecological Communities, Threatened Fauna and priority listed flora. The Department of Parks and Wildlife considers that initial concerns raised regarding impacts of this proposal to flora and fauna, including impacts to avian fauna, have been adequately addressed.



In relation to the clearing of the land for the Power Station it has been proposed that the entire 26.45ha development area be cleared as part of Stage 1. This is not supported by Shire staff as there is no guarantee of the development of Stage 2 nor that this would be developed in close succession to the initial stage of the Power Station.

Advice from DER substantiates this concern as the assessment of the initial clearing permit (approximately 0.35 hectares of the application area) would impact on Wittecarra Gully, which had the potential to impact on the natural flow of this watercourse, leading to water erosion and increased sedimentation downstream, particularly with heavy rainfall. This matter has been required to be addressed in the Soil and Water Management Plan.

Soil and Water Management Plan

Council at their November 2016 meeting resolvedthat the landowner/proponent shall prepare and submit to a Water and Soil Management Plan to the requirements of Department of Water and Department of Environment Regulation and the approval of the Local Government setting out in detail the management commitments and actions to mitigate potential impacts on soil and water, with all costs met by the applicant. The Water and Soil Management plan is to address items including surface, ground and storm water, drainage, water usage (must be quantified), erosion (water, wind and other potential factors), groundwater drawdown impacts, waterways/foreshore reserve management and related management actions to these items and as otherwise directed by the Department of Water and Department of Environment Regulation.

It was suggested to the landowner/proponent to liaise with the Department of Water (DoW) and Department of Environment Regulation (DER) to ensure the Management Plan met their requirements prior to the submission to the Shire for approval. The Department of Water advised Shire staff on 11 April 2017 that the management plan has not included their previous advice within the plan and has made the following comments:

- 1. An extract from the previous correspondence is below, which has been revised to include <u>one complete list of all conditions</u> required to support the development within the Priority 2 Kalbarri Water Reserve. This is to guide the Shire and the proponent on correct wording and terminology.
- 2. In addition, details of the proposed diesel storage must include detailed description of the type of bunding to be used. The DoW strongly recommends that both the diesel storage and any wastewater disposal be sited as far as practicable and downgradient from the Well Head Protection Zones of the drinking water bores.
- 3. The numerous typographical errors throughout the document indicate a lack of attention to detail, which in relation to protection of the Priority 2 Kalbarri Water Reserve and protection of important drinking water supplies, is alarming.



It is recommended the proponent's consultant be advised that the quality of the report overall for a proposal that involves the proposed clearing of 25ha of native vegetation adjacent to a National Park, in a Priority 2 Public Drinking Water Source Protection Area, is not of a sufficient standard to demonstrate the risks are fully understood.

The DoW has further advised it can only support the proposed activities within the Kalbarri Water Reserve when the submitted management plan demonstrates an understanding of and commitment to managing the relevant risks, as outlined below and in previous correspondence.

CONCLUSION:

Due to the incomplete nature of the Noise Management Plan and Soil and Water Management Planit is recommended that Council defer consideration of the proposed Solar Thermal Power Station upon Lot 10792 George Grey Drive, Kalbarri as per their previous resolution from 18 November 2016 which required that these plans meet the requirements of the relevant Government agency prior to the submission to the local government.

The Applicant has been advised on a number of occasions the requirements as stipulated by Councils previous resolution, however, they have requested that Council consider the proposal based upon the work undertaken to date and if necessary the application of conditions requiring the completion of these management plans to the approval of the Shire of Northampton.

VOTING REQUIREMENT:

Absolute Majority Required: No

OFFICER RECOMMENDATION – ITEM 6.3.1

DEFERRAL

That Council defer consideration of Stage 1 of the proposed Solar Thermal Power Station upon Lot 10792 George Grey Drive, Kalbarri for the following reasons:

- 1. In accordance with Council's resolution dated 18 November 2016 the landowner/proponent has not provided adequate information regarding the Soil and Water Management Plan for its complete assessment and endorsement by the Department of Water; and
- 2. In accordance with Council's resolution dated 18 November 2016 the landowner/proponent has not provided adequate information regarding the Noise Management Plan for its complete assessment and endorsement by the Department of Environment Regulation.



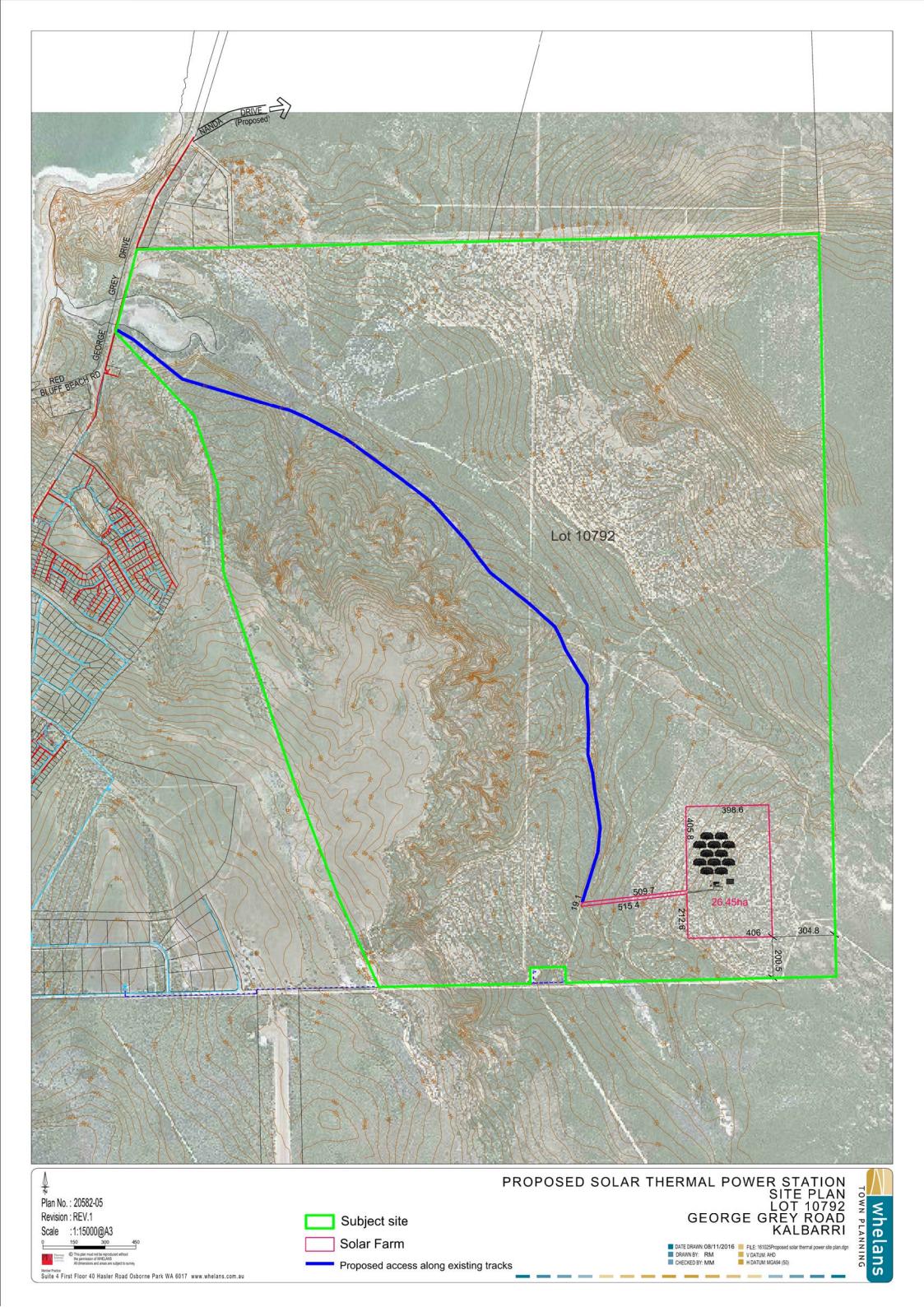
Advice Notes:

- i. In regard to Point 1) above, the landowner/proponent is advised to address the points raised in the Department of Water's email correspondence dated 11 April 2017.
- ii. In regard to Point 2) above, the landowner/proponent is advised to provide a revised acoustic assessment in accordance with those matters raised in the Department of Environment Regulation's technical advice dated 28 March 2017 and Aecom's subsequent response to these matters received by the Shire of Northampton on 10 April; 2017.



SHIRE OF NORTHAMPTON TOWN PLANNING REPORT – 21 APRIL 2017

Appendix 1 – Development Plans



Sedimentation Basin 500mm depth, 1000mm base width, 1:3 (H:W), 20m Length

Temporary Drainage

A perimeter drain along the downstream boundary of the site will capture runoff from the site and direct the water to a sedimentation basin.

The basin is a deeper than the connecting drains to promote settlement of material. Excess water will discharge via a rock weir back into the existing environment.

Drain Dimensions 300mm depth, 1000mm base width, 1:3 (H W

Drain Dimensions 300mm depth, 1000mm base width, 1:3 (H:W

LEGEND **Drainage Infrastructure** Drain Sedimentation Basin ► Weir Site Boundary Catchments -Topography (1m Contours)

Sedimentation Basin 500mm depth, 1000mm base width, 1:3 (H:W), 10m Length.

Drain Dimensions 300mm depth, 1000mm base width, 1:3 (H:W)

The proposed development will require some vegetation clearing during construction. It is anticipated that vegetation will re-grow in the future.

There will be no modification of the existing site topography for the majority of the site. With regrowth of the vegetation and maintenance of existing topography, it is not anticipated that the longer term surface runoff from the post-development site will be different from the pre-development. Therefore, no post-development drainage mitigation infrastructure (i.e. detention basin) is required.

The development will however require temporary drainage infrastructure during construction and for a period after construction to manage potential sediment transportation. Once the site vegetation has returned and the sediment transport risk has diminished, the temporary drainage should be removed







PROJECT

KALBARRI SOLAR THERMAL **GENERATOR PLANT** 4MW - STAGE 2 **48 TOWERS** CLIENT LOWER ORD PTY LTD

CONSULTANT

AECOM Australia Pty Ltd A.B.N 20 093 846 925 ww.aecom.com

SAFETY IN DESIGN INFORMATION

ARE THERE ANY ADDITIONAL HAZARDS / RISKS NOT NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING?

NO YES - REFER TO THE FOLLOWING

NOTES:

ARE THERE ANY ADDITIONAL



REGISTRATION

PRELIMINARY
NOT FOR CONSTRUCTION
PROJECT MANAGEMENT INITIALS

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DESIGNER	CHECKED	APPROVED
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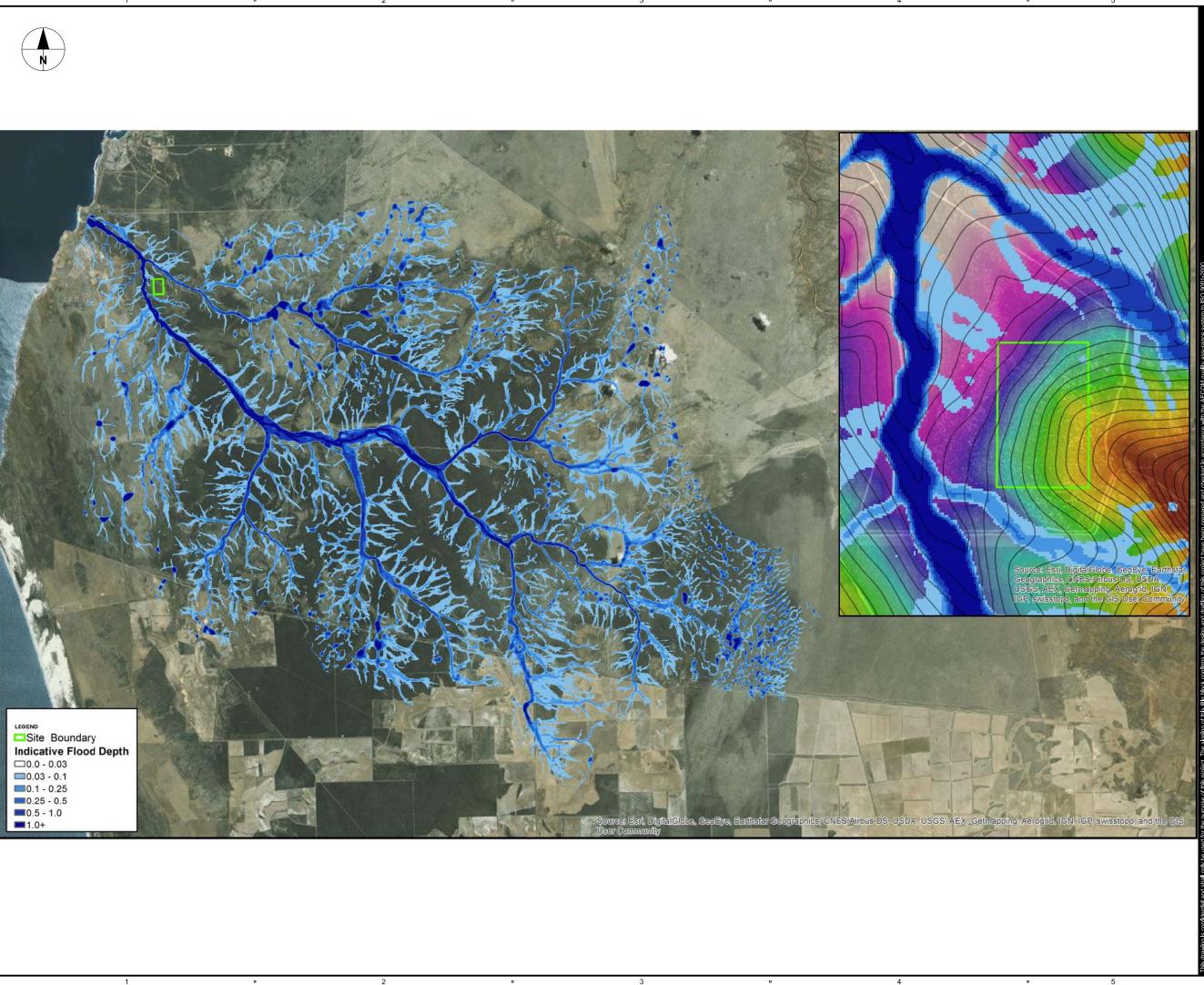
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STAGE 2 - 48 TOWERS DRAINAGE LAYOUT PLAN VIEW

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PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT 4MW - STAGE 2 **48 TOWERS** CLIENT LOWER ORD PTY LTD

CONSULTANT

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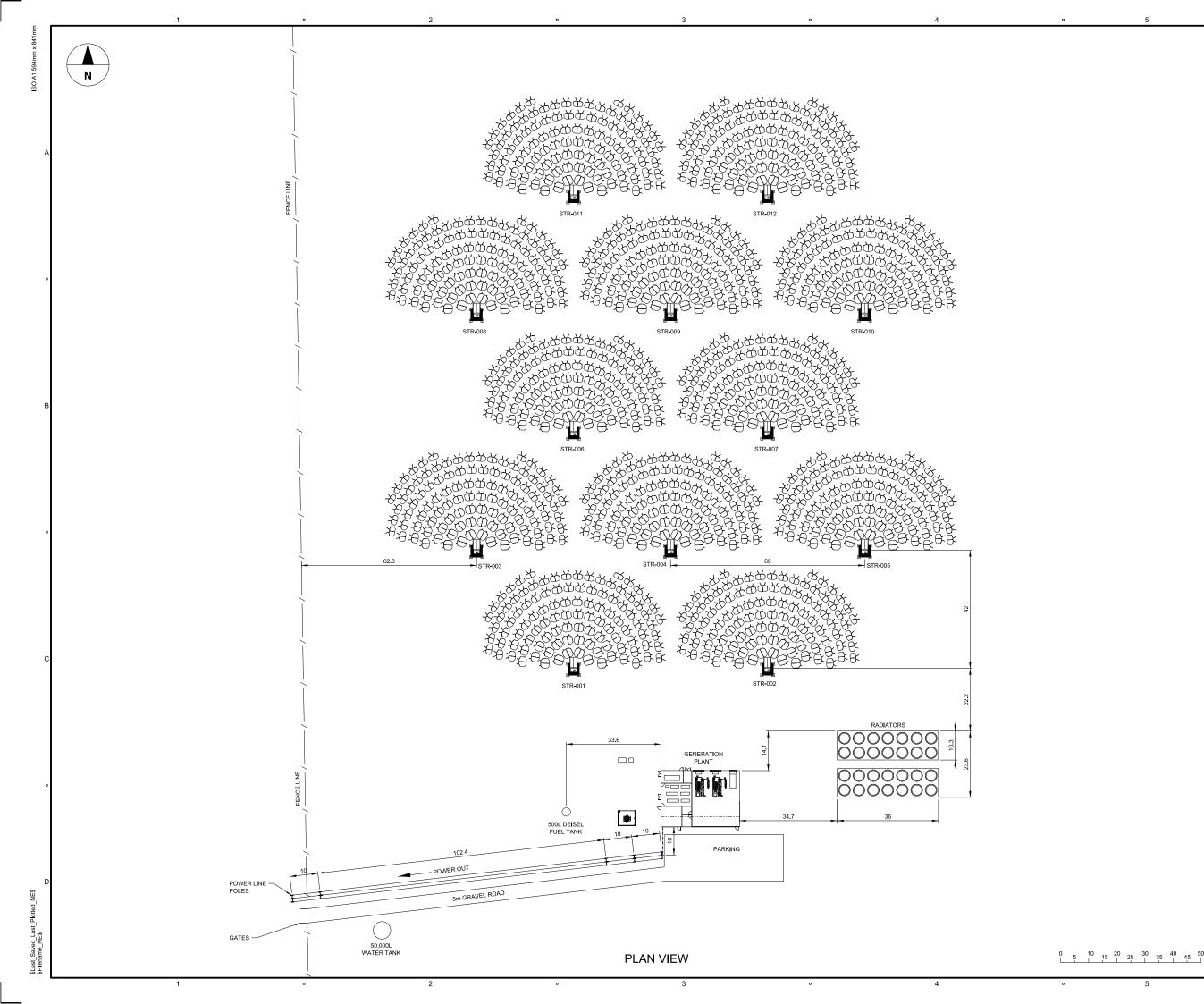
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SHEET TITLE

STAGE 2 - 48 TOWERS FLOOD PLAIN INUNDATION PLAN VIEW

SHEET NUMBER





PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT 1MW - STAGE 1 **12 TOWERS** CLIENT LOWER ORD PTY LTD

CONSULTANT

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SHEET TITLE

SITE LAYOUT PLAN VIEW

SHEET NUMBER

60477754-01-CIV-0003





PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT 1MW - STAGE 1 12 TOWERS CLIENT LOWER ORD PTY LTD

CONSULTANT

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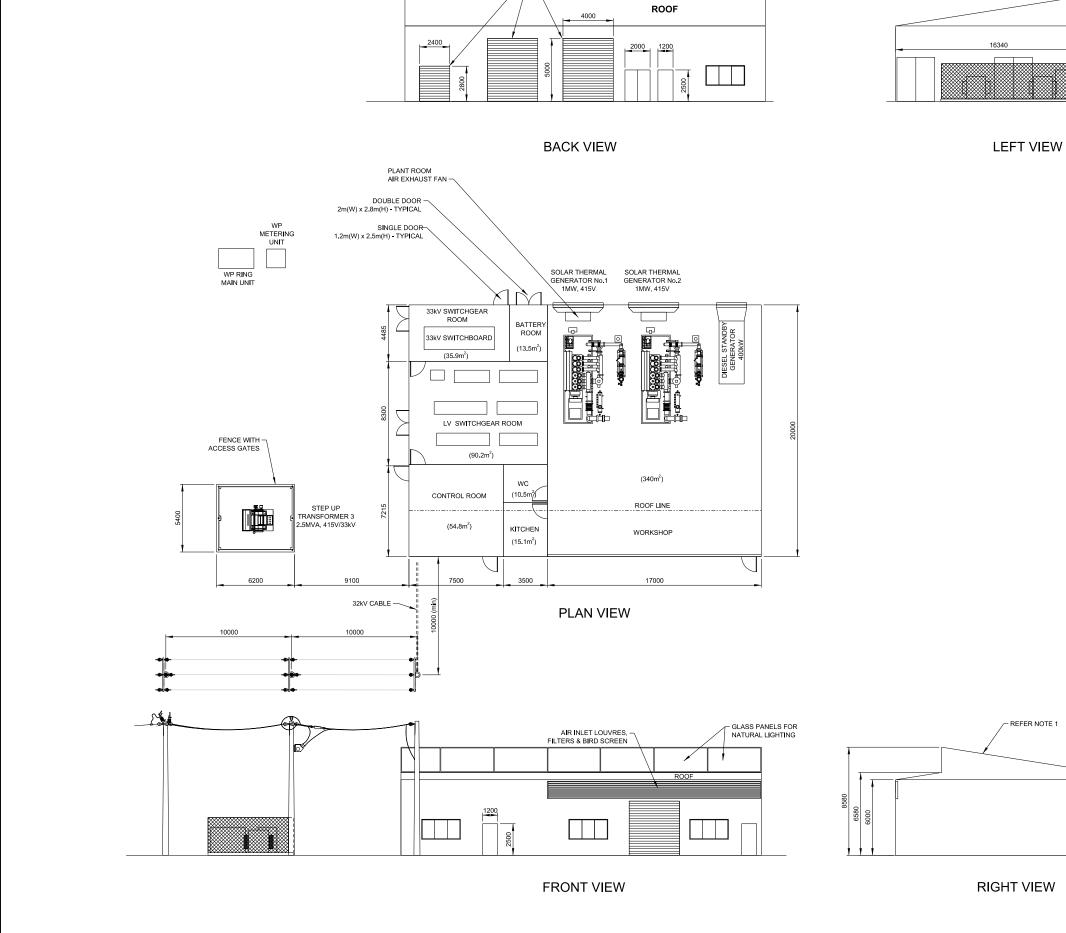
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STAGE 1 - 12 TOWERS SITE LAYOUT PLAN VIEW

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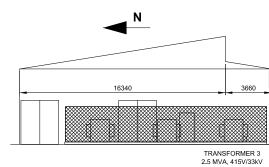
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NOTE

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- 1. OUTBUILDINGS WILL BE CONSTRUCTED OF COLORBOND SURFMIST
- 2. ROOF WILL BE CONSTRUCTED OF COLORBOND SHALE GREY



PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT - 1MW STAGE 1

CLIENT

LOWER ORD PTY LTD

CONSULTANT

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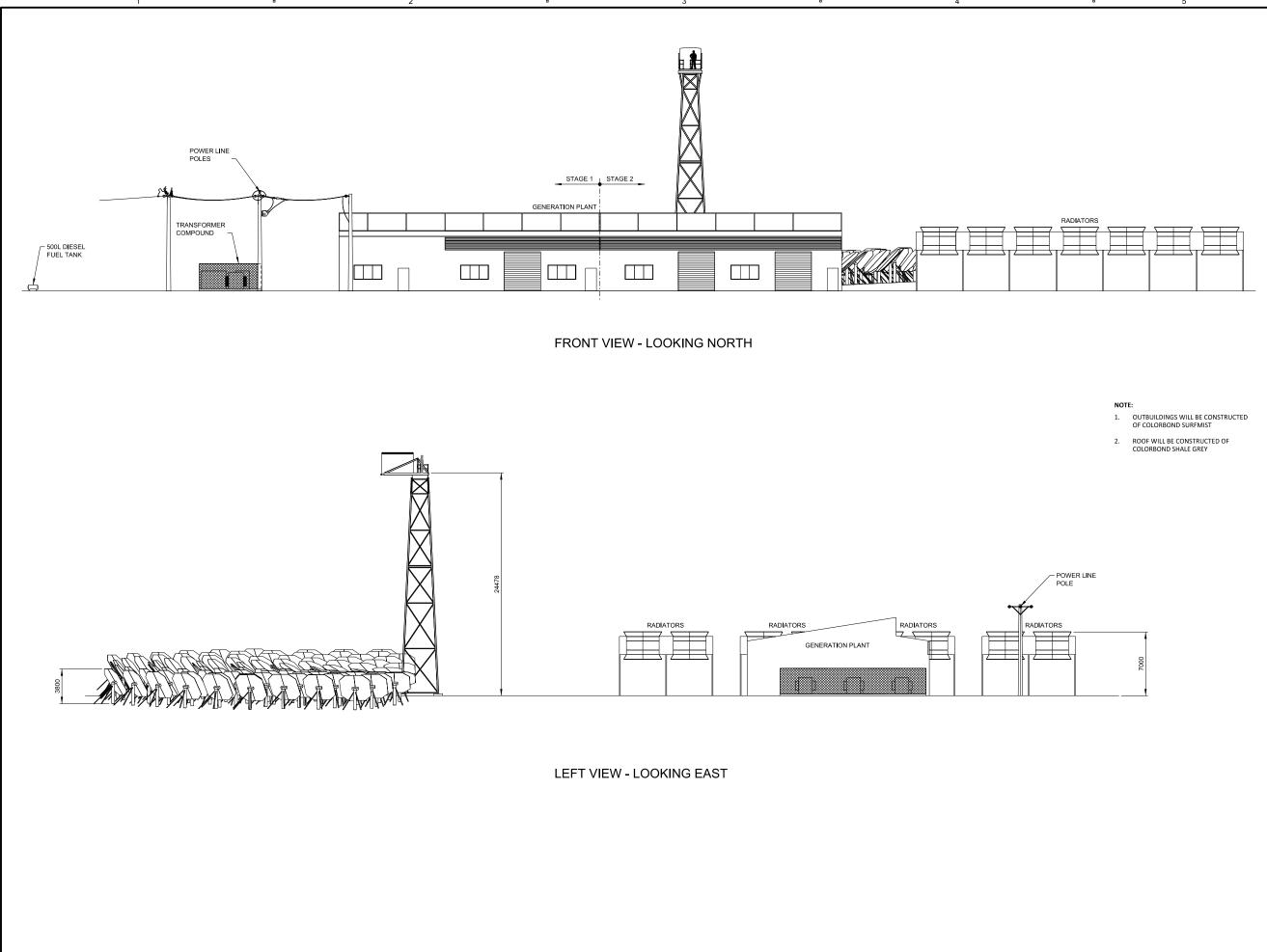
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SHEET TITLE

ELECTRICAL SERVICES GENERAL ARRANGEMENT

SHEET NUMBER

60477754-01-ELE-2001



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PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT - 4MW STAGE 1 & 2

CLIENT

LOWER ORD PTY LTD

CONSULTANT

AECOM Australia Pty Ltd A.B.N 20 093 846 925 www.aecom.com

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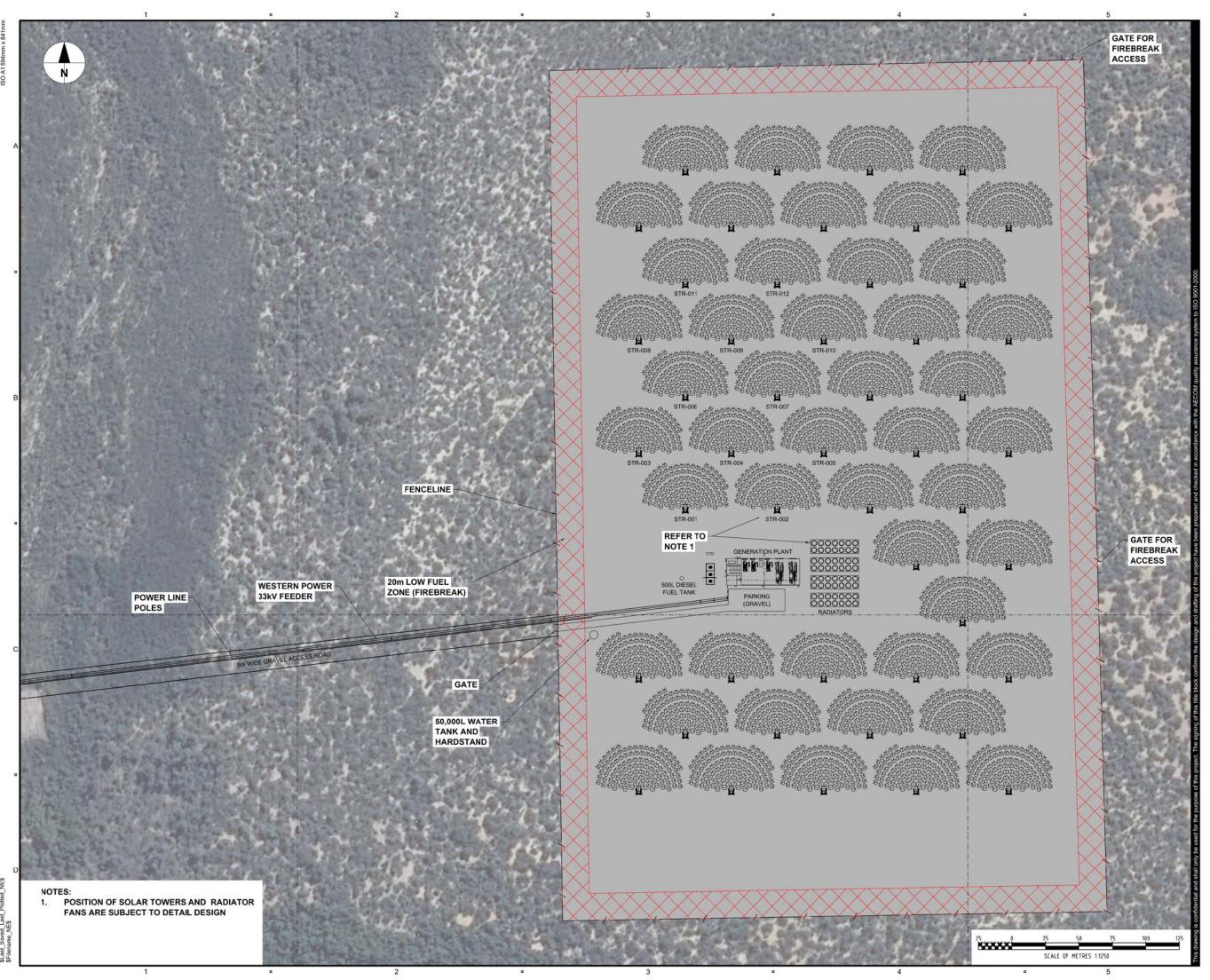
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SHEET TITLE

ELECTRICAL SERVICES SITE GENERAL ARRANGEMENT ELEVATIONS

SHEET NUMBER





PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT 4MW - STAGE 2 48 TOWERS CLIENT LOWER ORD PTY LTD

CONSULTANT

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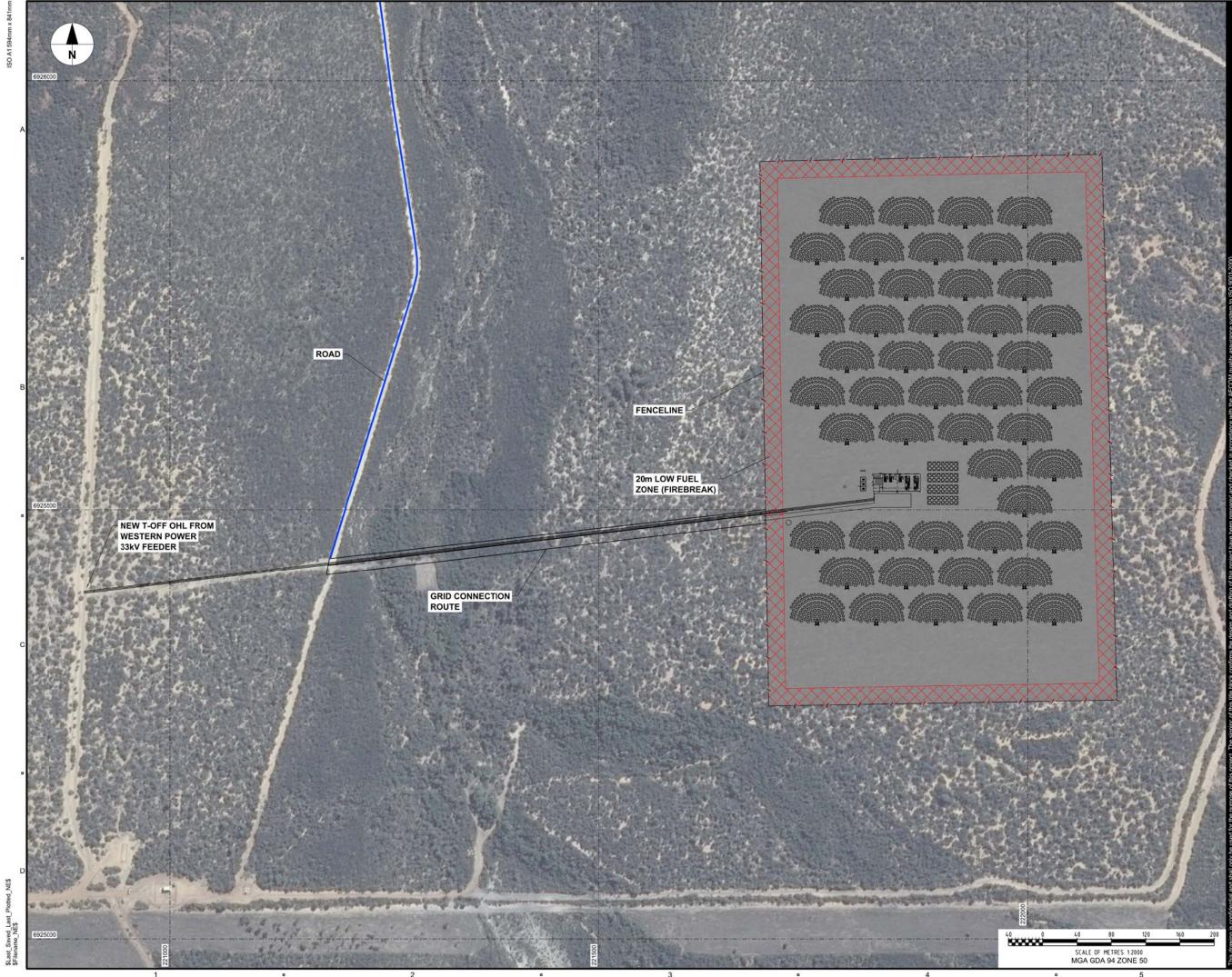
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SHEET TITLE

STAGE 2 - 48 TOWERS SITE LAYOUT PLAN VIEW

SHEET NUMBER





PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT 4MW - STAGE 2 **48 TOWERS** CLIENT LOWER ORD PTY LTD

CONSULTANT

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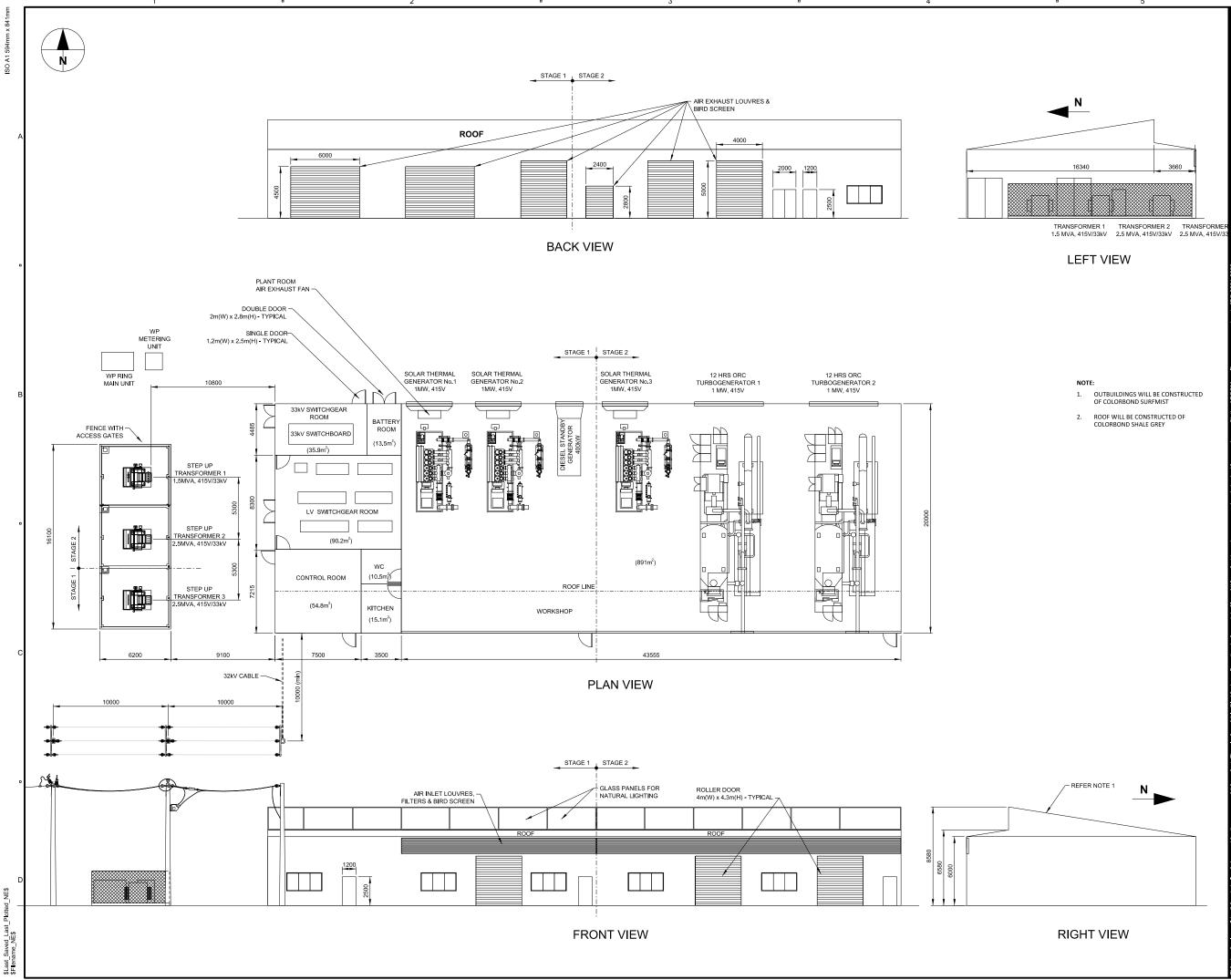
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PROJECT

KALBARRI SOLAR THERMAL GENERATOR PLANT - 4MW STAGE 2

CLIENT

LOWER ORD PTY LTD

CONSULTANT

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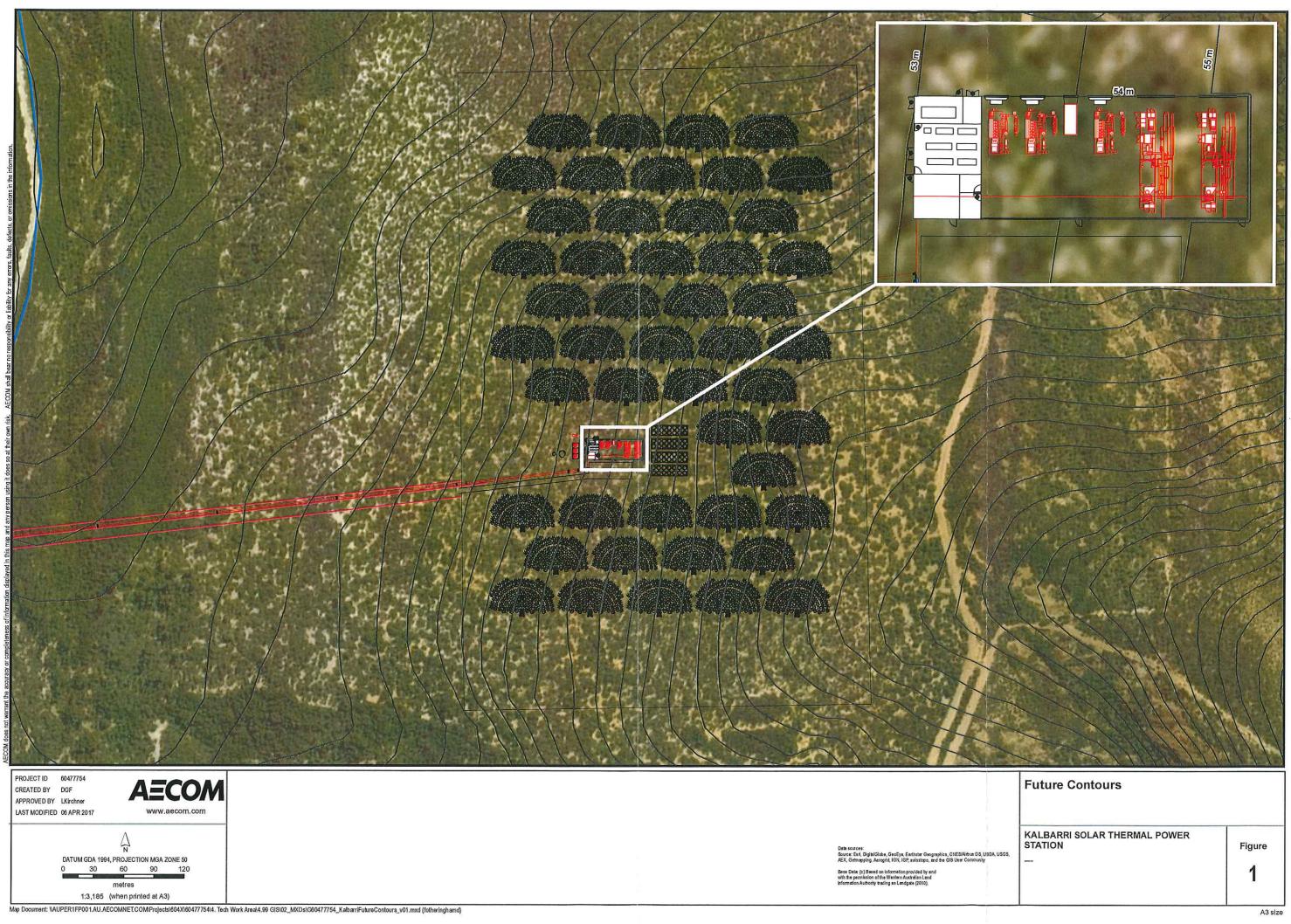
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SHEET TITLE

ELECTRICAL SERVICES GENERAL ARRANGEMENT

SHEET NUMBER

60477754-02-ELE-2001





SHIRE OF NORTHAMPTON TOWN PLANNING REPORT – 21 APRIL 2017

Appendix 2 – Revised Schedule of Submissions

Submitter	Comments from Submitter April 2016 advertising	Comments from Submitter	Comments to landowner/proponent to	Recommendation
		January 2017 advertising	address	
Telstra Plan Services Locked Bag 3820 Brisbane QLD 4000 Your ref: PF178294-1	24/5/2016 There are Telstra assets within the area of the proposal. You can either re-align your proposal or arrange for Telstra assets to be relocated to ensure they are not impacted	24/1/2017 No objection No comment provided	Noted	-
Department of Mines and Petroleum Mineral House 100 Plain Street East Perth WA 6004	25/5/2016 No issues raised	No comment required	Noted	-
J Willbond	 27/5/2016 How much noise will the power station make? How much water will the power station use? Will it supply power to all of Kalbarri when the grid goes offline? Are the vegetation buffers to provide visual separation supposed to hide the mirrors only, or also the towers? How tall are the cooling towers? Will the plant use superheated salt; if so what is the process involved – does the salt need replacing at intervals; what is the disposal plan if it does? Are you aware that Morawa committed a similar plan a few years ago and pulled out? Does this indicate there will be a financial – or other – commitment expected from the council? Has the council done its own research or be in touch with other councils where there are other installations? What was the outcome of the Department of Environment Regulations request regarding their concerns about the potential impact of heavy rainfall in Wittecarra Gully due to land clearing? Will the ground around the mirrors be sealed? If so would there be a requirement to catch rainwater, 	Was not written to, relevant government agencies only	Noted	

	both for use at the plant and for storage in case of bushfire? Many of the councillors who attended an information session about four years ago are no longer on council. Have the new councillors been given a similar briefing? This is stage one – what is the proposed number of towers in the long term planning?			
Department of Water Your ref: WRD322946 PA7773	30/5/2016 Waterways Management Proposed demarcation of the proposed foreshore reserve and identification of any surface water management issues caused by clearing of land. Commit to ensuring stormwater is retained on site Water resource protection Provide a summary of management actions to ensure groundwater resources are protected from any potential risks from the land use change. Groundwater Licensing Will groundwater need to be accessed for the proposed development? If so what volumes will be required? Identify any potential impacts of drawdown on groundwater dependant vegetation. Proponent must obtain a licence if required.	16/01/2017 Stormwater management and risks to P2 groundwater areas should be acknowledged and contingency actions outlined in the management plan.	Provided letter that was sent to the landowner/applicant in relation to the application and DoW's requirements Applicant to address those items raised by Department of Water	DoW has advised there are still a number of areas to be addressed and that the Management Plan be reviewed in light of comments provided by email on 11 April 2017, summarised in the Comment section of this planning report. Recommended that Council defer consideration of the Application for Development Approval pending Soil and Water Management Plan that meets DoW requirements.
Water Corporation PO Box 100 Leederville WA 6902 Your ref: JT1 2013 09269 V01 – DEV343904	30/5/2016 Does not appear to affect Water Corporation assets Recommend that Department of Water is included for comment	13/1/2017 No further comment	Noted	No action required
Western Power 363 Wellington Street Perth WA 6000	30/5/2016 Person in control of the work must ensure no person, plant or materials enters the "Danger Zone" of an overhead power line or other electrical network assets	No comment required	Noted	No action required

Main Roads Western Australia PO Box 165 Geraldton WA 6531	15/6/2016 No objections raised	20/1/2017 Provided letter outlining their requirements depending on the point of access proposed for the proposal.	As Council has indicated that they prefer the access to be from Stiles Road Veris to address requirements from Main Roads in the formulation of assessment accordingly.	A Traffic Impact Assessment for Construction has been submitted with Main Roads providing their comment (refer Appendix 6). Recommended that should Council consider granting approval then appropriate conditions are applied that address the requirements of Main Roads.
Department of Parks and Wildlife PO Box 72 Geraldton WA 6531	15/6/2016 All fire protection requirements should be provided on the property itself	3/2/2017 Initial concerns raised regarding impacts of proposal to flora and fauna, including impacts to avian fauna, have been adequately addressed. Seeks amendment to Bushfire Management Plan per previous advice.	Veris requested to address advice accordingly.	Landowner/proponent has stated that the Bushfire Management Plan is not reliant on the firebreak system contained within the National Park, However, wording that references DPaW's firebreak system can be removed from Paragraph 3 of Section 6.2 if required. Action – Change wording of BMP to remove reference to National Park fire break system.
Department of Aboriginal Affairs Gascoyne Murchison Region PO Box 2105 GERALDTON WA 6531	No response received	9/2/2017 No approvals under the <i>Aboriginal Heritage Act</i> <i>1972</i> required.	Noted The Shire received correspondence from the YamatjiMarlpa Aboriginal Corporation (YMAC) in relation to application. This correspondence was referred to the Department of Aboriginal Affairs as part of the Shire's referral for DAA's comment in	No action required. A separate letter has been sent to the YamatjiMarlpa Aboriginal Corporation (YMAC) advising of DAA's response.

Department of Environment Regulation Locked Bag 33 Cloisters Square PERTH WA 6850		17/2/2017 Clearing permit required to be lodged and approved by DER. Initial assessment identified clearing approximately 0.35ha would impact Wittecarra Gully, which had the potential to impact on the natural flow of this watercourse, leading to water erosion and increased sedimentation downstream, particularly after heavy rainfall.	January 2017. A copy of this correspondence has also been provided to Veris for their records. No action is required under legislation in relation to this matter in accordance with the correspondence from DAA. The Shire has provided the correspondence from YMAC to Veris and suggested that a good working relationship with the native title claimants of the area would be of benefit moving forward should any aboriginal heritage sites be found during any potential construction period. Issues relating to Soil and Water Management Plan are to be reviewed by the Department of Water, not DER as they have no regulatory role in this area.	Noted.
---	--	---	---	--------

Technical advice	Landowner/proponent has	Action: Recommend that
provided on Noise	been requested to a more	Council uphold their resolution
Impact Assessment	detailed Noise Impact	from 18 November 2016 and
stated the Shire may	Assessment and related	defer consideration of the
-		
wish to request a more	mapping and assessment per	application pending a revised
detailed acoustic	the advice received from	Noise Management Plan that
assessment concerning	Department of Environment	addresses the matters raised by
matters raised by DER.	Regulation to enable an	DER in the form of a revised
	accurate assessment of	acoustic assessment. To
	potential noise impacts and any	consider the application in the
	required noise attenuating	absence of a revised acoustic
	measures.	assessment would be
		considered premature.
A more detailed		
assessment was		
provided by Aecom on		
27 February 2017 (refer		
Appendix 3)		
This was forwarded onto		
DER with a response		
from DER on		
28/03/2017,		
again raising concerns		
regarding the		
assessment (refer		
Appendix 3).		
Aecom provided a follow	Veris and Aecom have been	
up response on the	notified that until such time as	
above comments of DER	the Noise Management Plan	
to the Shire of	includes a revised acoustic	
Northampton on 10 April	assessment based upon the	
2017 (refer Appendix 3),	latest technical advice of DER,	
however this response	then they have not fulfilled the	
does not provide a	requirements stipulated in	
revised acoustic	Council's resolution from their	
assessment.	18 November 2016 meeting.	

Department of Fire &	Wasn't written to first advertising period	Written to second	The DFES has requested	Bushfire Management Plan was
Emergency Services		advertising period	additional time to assess the	referred to DFES for comment
PO Box 284			Bushfire Management Plan.	based upon the Shire
GERALDTON WA 6531			The Shire sought DFES	considering the development to
			comments on the Bushfire	be a 'High Risk' land use as
			Management Plan by 17 March	defined by SPP 3.7. To date no
			2017.	response has been received
				despite efforts of Shire staff to
				engage DFES.

Appendix 3. Noise Management Plan – Revision 2, including advice from Department of Environment Regulation and Aecom's response

AECOM

AECOM Australia Pty Ltd 3 Forrest Place Perth WA 6000 GPO Box B59 Perth WA 6849 Australia www.aecom.com +61 8 6208 0000 tel +61 8 6208 0999 fax ABN 20 093 846 925

27 February 2017

Tidal Energy Australia Pty Ltd 7 Bayview Vista, Ballajura, WA 6066

Attention: Brian Rourke

Dear Brian

Proposed Solar Thermal Power Station - Kalbarri - Noise Management Plan - Revision 2

1.0 Introduction

AECOM has been commissioned by Tidal Energy Australia to provide a Noise Management Plan (NMP) in relation to the proposed Solar Thermal Power Station at Kalbarri, Western Australia.

The NMP is to outline the manner in which construction and operational noise will be addressed by the project, for both Stage 1 and Stage 2 of the proposed facility. Stage 1 comprises 12 solar thermal receiver blocks, which will be increased in Stage 2 to 48 solar thermal receiver blocks.

This report reflects the revised acoustic assessment following comments from the Shire of Northampton, modifications to equipment selection / operation for the site and additional details associated with the proposed construction process.

2.0 Location of Proposed Development

Figure 1 shows the location of the proposed facility and surrounding area located south of the township of Kalbarri, WA. The development is surrounded by predominantly rural areas, and adjoins Kalbarri National Park.

The nearest boundary to a residential zone is in the order of 1600m to the west of the site; the nearest noise-sensitive receiver is located approximately 2250 metres from the site boundary, on the corner of Stiles Road and Explorer Avenue; these are indicated below. There is a small settlement of rural residential properties further to the west on Stiles Road / Explorer Avenue.

Figure 1- Site Location Map



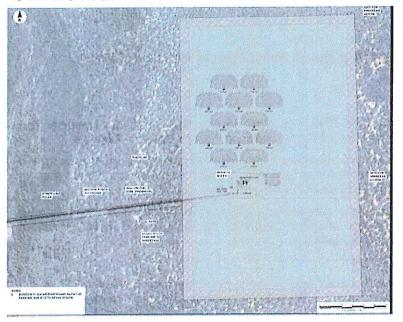
AECOM

Proposed Site Layouts 3.0

3.1 Stage 1

Stage 1 is proposed to be constructed with 12 solar thermal receiver blocks and associated generation and transmission equipment. Note that the large banks of radiator fans have been reduced to 8 wet cooling towers.

Figure 2- Stage 1 Layout



Stage 2 3.2

Stage 2 is proposed to be constructed with 48 solar thermal receiver blocks and associated generation and transmission equipment. Note that the large banks of radiator fans have been reduced to 16 wet cooling towers.

Figure 3- Stage 2 Layout



AECOM

Operational Noise 4.0

4.1 **Noise Emission Criteria**

4.1.1 Environmental Protection (Noise) Regulations 1997

When calculating assigned noise level limits, the nearest noise-sensitive premises should be considered, (as defined under Schedule 1 Part C, Environmental Protection (Noise) Regulations 1997), as the defining receiving location for noise emissions from a new development. Noise emission from the development must meet Assigned Noise Levels (see Table 1) applicable at all noise-sensitive locations in the vicinity of the development.

Calculation of Assigned Noise Level (ANL)

An assigned noise level is calculated for each noise sensitive (or commercial) receiver using a combination of environmental factors local to the receiver. A standard set of ANLs exists, as a base level of acoustic amenity, as shown in Table 1. These levels are modified by an Influencing Factor (IF) to reflect noise sensitivity in the specific environment relative to the subject development, without specifically requiring comparison against a measured ambient / background noise level.

Table 1 Calculated Assigned		- <u></u>	1.1	
Type of premise receiving noise	Time of Day	Assigned Level (dB)		
States and a second	and the second	LAIO	LAI	LAMAX
	0700 to 1900 hours Monday to Saturday	45 + influencing factor	55 + influencing factor	65 + influencing factor
Noise sensitive premises at locations	0900 to 1900 hours Sundays and public holidays	40 + influencing factor	50 + influencing factor	65 + Influencing factor
within 15m of a building directly associated with a noise sensitive use	1900 to 2200 hours all days	40 + influencing factor	50 + influencing factor	55 + influencing factor
	2200 hours on any day to 0700 hours Monday to Saturday and 0900 hours Sunday and public holidays	35 + influencing factor	45 + influencing factor	55 + influencing factor
Noise sensitive premises at locations further than 15m of a building directly associated with a noise sensitive use	All hours	60	75	80
Commercial premises	All hours	60	75	80
Industrial and Utility premises	All hours	65	80	90

To calculate the additional Influencing Factor (IF), two concentric circles are drawn around the nearest noise-sensitive receiver point; one at 450m radius and one at 100m. Percentages are calculated for the amount of land area within the circles used for noise emitting purposes (e.g. industrial or commercial uses) which is compared to the total area encompassed by the concentric circles. Traffic volume is also taken into account in order to reach an acceptable ANL, or noise reception level, appropriate for the area in which the receiver is to be situated.

The regulations also apply penalties on noise levels that contain annoying characteristics such as tonal components. Where these characteristics do exist and cannot be practicably removed, then the measured levels are adjusted according to the penalties in Table 2.

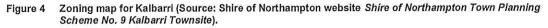


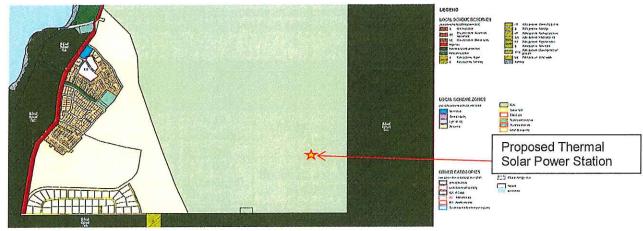
Table 2 Noise character adjustments

Where tonality is present	Where modulation is present	Where impulsiveness is present
+5 dB	+5 dB	+10 dB

Zoning Classification

The latest zoning map for the Kalbarri area was obtained from the Shire of Northampton website and reproduced in Figure 4. The zoning map indicates the proposed site and classifies its land use as Rural. The nearest boundary to a residential zone is in the order of 1.6km to the west of the site; the nearest residence is in the order of 2.25km to the south west of the site.





Noise Sensitive Receivers

In order to maximise efficiency of calculation, only the nearest noise sensitive receiver is considered during assessment, on the basis that potential receivers at greater distance(s) from the development will experience lower noise levels from the development. In the case of this development, the nearest noise-sensitive receiver is the residence located approximately 2.25km to the south west of the project site, indicated in Figure 1.

The address and coordinates of this noise sensitive receiver is detailed in Table 3.

Table 3 Noise Sensitive Receiver

Receiver	Description	Receptor Type	Coordinates		
			Latitude	Longitude	
R01	Corner Stiles Road and Explorer Avenue, Kalbarri	Residential	27°46'09.92" S	114°09'14.35" E	

Assigned Noise Levels

Calculation of Influencing Factor (IF)

The influencing factor is calculated using the methodology discussed in above with correction parameters for the development calculated using land use data summarised in Table 4. Land zone use data was based on the Kalbarri zoning map.

Table 4 Land usage assessment in the vicinity of the development

Receiver	% Commercial Area Use		% Industrial Area Use		Transport Factor	Influencing Factor
	100 m	450 m	100 m	450 m	dB(A)	dB(A)
R01	0%	0%	0%	0%	0	0

No correction has been applied for either commercial or industrial area use as there is no land highlighted for existing or planned industrial use within either classification zone. Similarly, no transport factor correction has been applied as there are no roads carrying significant traffic volumes within either 100m or 450m of the site.

Appropriate Parameter Selection

With broadband noise sources such as air handling plant, exhaust vents and air conditioning noise, the L_{A10} index has been found to correlate reasonably well with noise annoyance and therefore is the most applicable parameter to stipulate as a limit in this case. The L_{A10} parameter is a statistical noise index which is defined as the noise level exceeded for 10% of a representative measurement period, i.e. 15 minutes. When applied as a noise level limit, the L_{A10} parameter is the level which must not be exceeded by a premises emitting noise, at the nearest noise-sensitive receiver location.

Calculated Assigned Noise Level Limit

Table 5 presents project criteria for day, evening and night time applicable to the nearest noisesensitive receiver adjacent to the development. The night time which represents the most stringent case based upon local environmental influencing factors at the receiver.

Table 5 Assigned noise levels for the development

Receiver		Assigned	Assigned Noise Level – L _{A10} (dB)		
	Type of premise receiving noise	Day (0700 - 1900)	Evening (190-2200)	Night (2200 - 0700)	
R01	Noise sensitive premises at locations within 15m of a building directly associated with a noise sensitive use	45	40	35	

Noise emissions from the site are continuous in nature and therefore unlikely to exhibit impulsiveness or modulation. However, the noise from transformers is known to be tonal in character; a corresponding 5dB penalty has been applied to the predicted noise level component for this equipment in the environmental noise assessment.

As the operation of plant planned for this development is considered to emit continuous noise, the L_{A10} levels have been assumed to be equivalent to the L_{Aeq} levels and therefore the modelled L_{Aeq} levels are compared to the criteria. The proposed power station will operate 24 hours a day and all days in the week; as such, the most stringent criterion applied to this development will be the night time criterion of L_{A10} 35 dB(A).

4.1.2 Shire of Northampton

The Shire of Northampton has elected to require that the environmental noise limit of L_{A10} 35 dB(A) be achieved at the western boundary of Lot 10792 (i.e. the boundary of the residential zone) as indicated by the line dividing the rural (light green) and residential (beige) areas illustrated in Figure 4), and in Figure 1, in the order of 1.6km to the west of the site.

The Shire of Northampton has also identified that it would be desirable to achieve L_{A10} 33 dB(A) at this location.

4.2 Assessment of Noise Emissions

4.2.1 Noise sources

The main noise sources on the site are:

- Generators (solar thermal and diesel standby)
- Turbogenerators
- Radiator fans / wet cooling towers
- Transformers

The solar thermal receiver blocks themselves generate no noise emissions.

The equipment selections have not been finalised at this stage of the design. The noise data utilised in the assessment is based on typical and/or similarly sized equipment where such data exists.

The proposed normal operating regimes for the two stages are as follows:

Stage 1: 00.00hrs-04.00hrs : 200kW; 06.00-20.00hrs : 950kW; 21.00-24.00hrs : 200KW

Stage 2: Flat 2MW

The number of items of equipment operating under normal operating conditions for each of the two stages of the proposed development is as follows:

Table 6 Equipment Used in Normal Operation

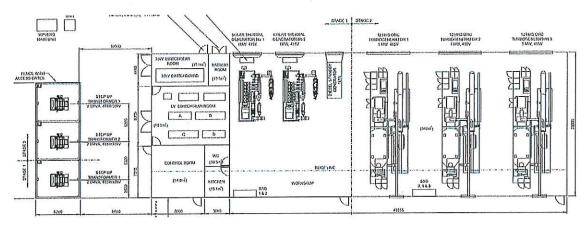
Equipment	Quantity in Normal Operation			
	Stage 1	Stage 2		
Generators – solar thermal	1	0		
Generators – diesel standby	0 ¹	0 ¹		
Turbogenerators	0	3		
Radiator fans / wet cooling towers	8 during day / 4 during night	8 day and night		
Transformers – 1.5MVA, 415V/33kV	0	0		
Transformers – 2.5MVA, 415V/33kV	1	2		

Note 1 The diesel generator is a backup device only; all other equipment will be off in the event that this equipment is called into operation.

The remainder of the equipment indicated on the plant layout plans is installed on a duty / standby arrangement only.

The proposed equipment arrangements are indicated below. The radiator fans (wet cooling towers) are located approximately 9.5m to the east of the Stage 2 building.

Figure 5 Equipment arrangement



The noise data assumed for the above items of plant are given in Table 7.



Table 7 Equipment Noise Data

Equipment	Operation details	Octave Band Centre Frequency (Hz) Sound Power Level dB						
Equipment		63	125	250	500	1k	2k	<u>4k</u>
Generators – solar thermal	1MW, 415V	92	102	92	91	95	94	89
Generators – diesel standby	400kW	92	102	92	91	95	94	89
Radiator fans / cooling towers	Binary / ORC wet fans	98	97	94	89	88	83	81
Transformers	1.5MVA, 415V/33kV	89	94	90	66	54	41	24
Transformers	2.5MVA, 415V/33kV	89	94	90	66	54	41	24

Noise data for the radiator fans / cooling towers (Binary / ORC wet fans) has been based on 85 dB(A) per fan at 1 metre from each tower as advised by the project team.

It is likely that the noise data for the generators operating at lower capacities (e.g. Stage 1, and at night) may be lower than that for the equipment operating at higher loads. However, at this stage of design, there is no noise data available to substantiate this expectation; and the full-load noise data has been used for each item of equipment for all time frames and all stages,

We note also that for all equipment; the assumed sound power levels are higher than are expected for the as-installed equipment, and therefore the predicted noise level emissions from the facility are considered to be conservative. During detailed design, when the specific equipment is selected and the correct noise data can be obtained, the calculation of predicted noise levels from the facility can be confirmed.

The site buildings are assumed to be constructed of sheet metal ('colorbond' or similar).

4.2.2 Noise prediction – normal operations

A desktop assessment of the noise from the proposed solar thermal power station has been conducted, based on the noise data in Table 7 and on the following environmental conditions:

- Site imagery and topographical data obtained from the Landgate database by AECOM's GIS personnel.
- Hard / compacted ground assumed for the proposed site; some absorption (35%) assumed for the ground between the site and the receivers.
- Neutral meteorological conditions in accordance with ISO 9613-2 1996.

The predicted noise levels from the proposed development under normal operating conditions at the Stiles Road / Explorer Avenue and the western boundary of Lot 10792 receiver locations are as follows:

Table 8 Equipment Used in Normal Operation

	Predicted Noise Level L _{A10} dB(A)			
Equipment	Sta	Stage 1		
	Day	Night	Day / Night	
Residential receiver R01	18	18	21	
Western boundary Lot 10792	25	25	27	

The noise contour maps for each of Stage 1 (day and night) and Stage 2 are presented in Figure 6 and Figure 7 below.

The noise from the site is controlled by the louvred openings to the building; as such, the additional cooling towers in operation during the day period have no significant effect on the overall noise levels from the site.

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Figure 6 Noise contour map - Stage 1 - Day

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 Image: Solar Thermal Power Station Stage 1 - Day Environmental Noise Emissions

 Legend Environmental Noise Emissions

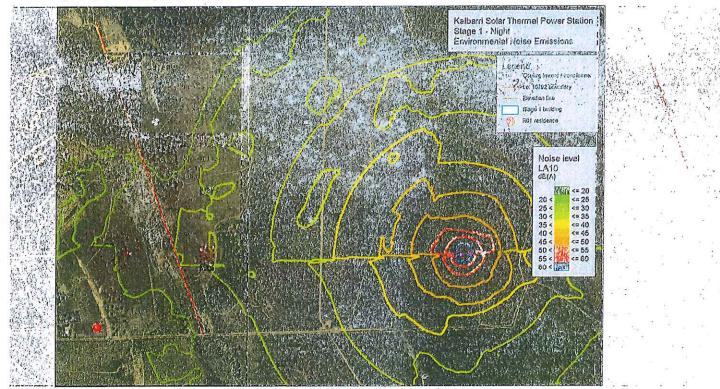
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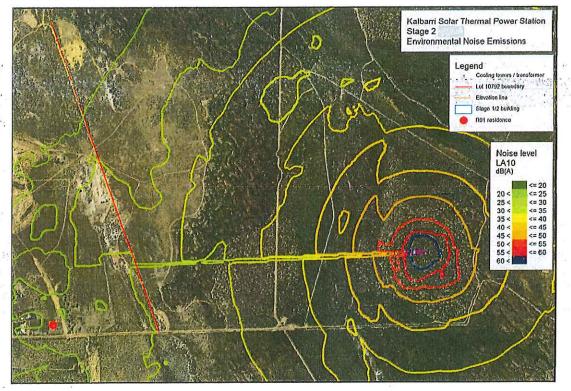
Figure 7 Nolse contour map - Stage 1 - Night



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Figure 8 Noise contour map – Stage 2 – Day and Night



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Therefore, it can be seen that the noise emission from the normal operation of the proposed solar thermal power station is predicted to achieve the most stringent EPNR L_{A10} 35 dB(A) night time noise criterion for both Stage 1 and Stage 2 of the development. The Shire of Northampton's desired limit of L_{A10} 33 dB(A) is also shown to be readily achieved. The daytime and evening environmental noise criteria of L_{A10} 45 dB(A) and L_{A10} 40 dB(A) respectively are therefore also predicted to be achieved.

It is noted that achieving the environmental noise criteria does not necessarily mean that the noise from the site will be inaudible at the receiver location; nor does it guarantee that there will be no complaints relating to noise emissions as a result of the operation of the facility.

4.2.3 Noise prediction - non-standard operations

Emergency / start-up conditions

The noise levels for the operation of the site under emergency / start-up conditions were also calculated. In this situation, the only equipment on site in operation would be the diesel generator. The resulting noise levels were predicted to be as follows:

Table 9 Emergency operation - diesel generator only

Equipment			cted Noi L _{A10} dB	ise Level (A)	
Residential receiver R01	1. 1.		. 17	· · · · · · · ·	di a
Western boundary Lot 10792	6 ¹⁰	* 2	24		24 - SI.

Island mode

During an islanded mode of operation the Solar Thermal Power Station and Kalbarri townsite are isolated from the Western Power grid, usually due to a fault on the Geraldton to Kalbarri transmission line. Therefore, the station supplies the entirety of the Kalbarri electrical load without any external support. Under this condition 3 turbogenerators and 8 cooling towers will be in operation, and will follow the load demand of Kalbarri.

Islanded operation is expected to be rare and of short duration, occurring around 5 to 6 times per year for an average of a few hours.

The resulting noise levels were predicted to be as follows:

Table 10 Island mode

Equipment	Predicted Noise Level L _{A10} dB(A)			
Residential receiver R01	145 - 15 12 ⁴⁶⁴ An	21	њ. ж.	8 83 -
Western boundary Lot 10792		27		

Hypothetical full load (5MW)

Western Power grid requires that the proposed facility be capable of generating 5MW of power to supply to the grid. While the proposal has been designed to accommodate this, it is considered exceptionally unlikely that this load will ever be required of the proposal. Nevertheless, for completeness, the noise levels generated by the site will all items of equipment (2 solar generators, 3 turbogenerators, 3 transformers, 16 cooling towers) has been predicted to indicate the absolute worst-case noise emission possible from the site.

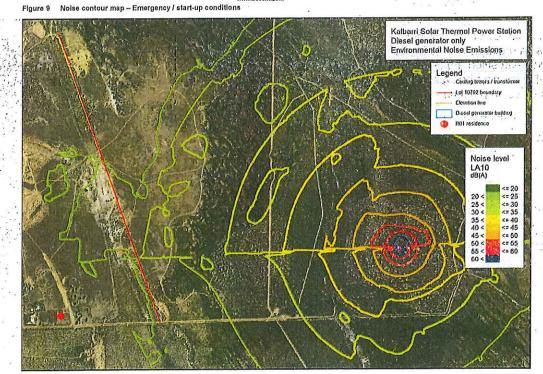
The resulting noise levels were predicted to be as follows:

Table 11 Hypothetical full 5MW mode

Equipment	Predicted Noise Level L _{A10} dB(A)		
Residential receiver R01	28		
Western boundary Lot 10792	32		



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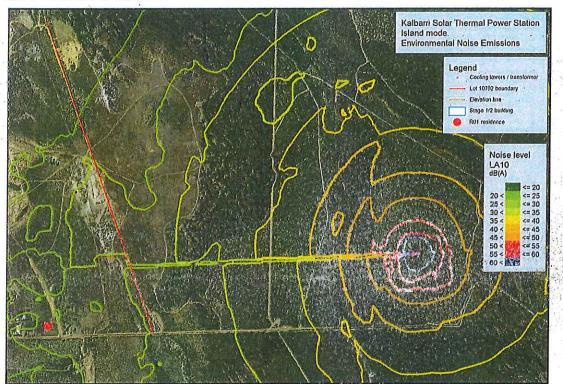


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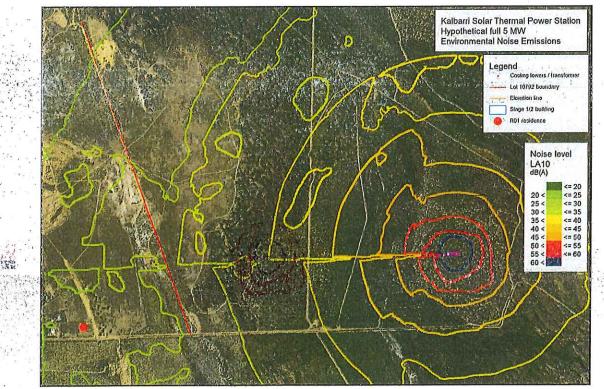
Figure 10 Noise contour map - Island mode



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Figure 11 Noise contour map - Hypothetical full 5MW mode



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5.0 Construction Noise

Noise impacts from the construction of the proposed power station facility should also be reviewed as part of the development of the site.

5.1 Construction noise criteria

There are no specific environmental noise criteria applicable to construction noise in Western Australia. The *Environmental Protection (Noise) Regulations 1997* specifically exclude construction noise from assessment against the criteria as defined in Section 4.1 if it can be shown that (in summary):

- The construction activities are managed in accordance with Australian Standard AS 2436 2010 Guide to noise and vibration control on construction, demolition and maintenance sites, and
- The equipment used is the quietest reasonably available, and
- If a construction noise management plan is required for the site, that it is prepared and approved accordingly, and
- Construction is carried out in accordance with the construction noise management plan.

For works outside of standard hours (7a.m. to 7p.m., any day except Sundays and public holidays), the construction noise management plan, including justification as to why the activities are required outside of standard hours, must be approved 7 days before the construction activity starts. Notice must also be given 24 hours prior to the commencement of such works to those receivers at which the expected noise emissions from the site will exceed the identified evening or night time noise criteria.

In terms of assessing potential construction noise impacts, AS 2436 – 2010 Guide to noise and vibration control on construction, demolition and maintenance sites also suggests comparison against the recommended internal noise levels for receivers. For rural residential receivers, AS/NZS 2107:2016 Recommended design sound levels and reverberation times for building interiors recommends noise the following:

- Living areas: 30 to 40 dB(A)
- Sleeping areas : 25 to 30 dB(A)

A noise reduction from outside to inside standard residential buildings, with windows open, is 10dB; therefore external noise levels of 40 – 50 dB(A) (day time) and 35 – 40 dB(A) (night times) from construction activities can be compared against the likely amenity of the receivers.

5.2 Assessment of Noise Emissions

5.2.1 Noise sources

Construction noise from the proposed site will be generated by clearing the site, earthworks, erection of the site buildings and external equipment (solar thermal receiver blocks, transformers, radiator / cooling tower banks) and the installation of all internal equipment.

No construction schedule has yet been generated for the site, however the likely items of equipment to be utilised in this construction phase are as follows.

Table 12 Typical construction equipment

Construction Activity	Equipment
	Excavator
Vegetation clearing	Bobcat
	Small truck
	Excavator
Establishment of construction site	Crane
	Small truck

Construction Activity	Equipment	
	Concrete truck	
Laydown of building pad	Concrete pump	
	Light vehicles	
	Front end loader	
	Crane	
	Cherry picker	
	Water cart	
Construction activities	Concrete truck	
	Concrete pump	
	Road truck (deliveries to site)	
	Light vehicles	
	Workshop hand tools	NO NO

5.2.2 Noise prediction

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Based on typical noise data provided in AS 2436 – 2010 Guide to noise and vibration control of construction, demolition and maintenance sites for the equipment listed above, the ranges of predicted noise level at the nearest receiver locations from construction activities at the proposed power station. site are as follows.

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The total values assume that all items of equipment for that construction activity are operating concurrently, and in the same location on the site. As this is unlikely to be the case, the predicted noise levels are very conservative, and are unlikely to be experienced in practice.

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Table 13 Typical construction equipment

	Real Property of the Property of	Range of predicted noise levels dB(A)		
Construction Activity Equ	Equipment	Residential receiver R01	Western boundary Lot 10792	Duration of works
And Antonia A	Excavator	17. – 19	16 - 24	
	Bobcat	18 – 20	17 – 25	5 days (Stage 1 only)
Vegetation clearing	Small truck	12 - 14	11 – 19	
	Total		20 - 28	5 days (Stage 1 only)
All assess Roll and Roll and	Excavator	17 – 19	16 - 24	
Establishment of	Small truck	12 - 14	' '11 ['] 19	2 days (Stage 1 only)
construction site	Total	18 - 20	17 - 25	2 days (Stage 1 only)
	Concrete truck	21	19 – 26	
	Concrete pump	24	22 – 29	3 days (Stage 1 only)
Laydown of building pad	Light vehicles	5	3 - 10	
	Total	26	24 - 31	3 days (Stage 1 only)
· ·	Front end loader	2224	21 – 29	16 months
	Crane	7 – 9	· 6 – 14 .	3 weeks
	Cherry picker	19 – 21	18 – 26	16 months
	Water cart	18 - 20	17 – 25	Once weekly
1 .	Concrete truck	26 - 28	25 - 33	4 weeks total, short visits
Construction activities	Concrete pump	. 23 – 25	22 - 30	4 weeks total, short visits
	Road truck (deliveries to site)	16 - 18	15 - 23	200 movements over 16 months
	Light vehicles	4 - 6	· 3 – 11	10 per day
×	Workshop hand tools	8 – 10	. 7 – 15	1 a
	Total	30 - 32	29 - 37	16 months

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It can be seen that the noise emission from construction of the proposed solar thermal power station is predicted to be below the daytime environmental noise criterion of L_{A10} 45 dB(A) which would otherwise apply to industrial noise sources. It can also be seen that the likely internal noise levels within the nearest residence as a result of daytime construction are below those recommended by AS/NZS 2107 for living areas.

Therefore, the expected impact of construction activities on the acoustic amenity of the nearest residential dwelling is considered to be minor.

No construction is currently proposed to occur outside of normal working hours. Should any construction be required outside of standard hours, a more detailed noise assessment of the proposed construction equipment / activities would be required, and a formal management plan provided.

6.0 Noise Management Opportunities

6.1 Operational Noise

The noise emission from the proposed power station site in full operation (both Stages 1 and 2) is predicted to achieve the most stringent night time noise criterion of L_{A10} 35 dB(A), and consequently no further acoustic mitigation measures are specifically required

It is noted that the noise data assumed for the assessment is very conservative, and is expected to be lower in practice. A more detailed assessment of noise emissions from actual equipment to be installed at the site should be undertaken during the detailed design phase of the project, and the environmental noise emissions confirmed.

Although it is considered unlikely to be required, the following measures can be considered in the event that noise emissions from the final plant design are predicted to exceed the environmental noise criteria at the nearest residence:

Transformers

- Selection of the guietest equipment reasonable.
- Control of cooling fan operation to a minimum when loads are low.

Generators

- Selection of the guietest equipment reasonable.
- Installation of acoustic louvres in lieu of standard louvres.

Transformers

- Selection of the quietest equipment reasonable.
- Control of radiator fan operation to a minimum when loads are low e.g. VSD options, fan on/off switching regimes.

Radiator fans / cooling towers

- Selection of the quietest equipment reasonable.
- Control of fan operation to a minimum when loads are low e.g. VSD options, fan on/off switching regimes.

It is noted that, due to the significant distance between the site and the nearest receiver locations, the installation of local barriers to the external equipment (transformers and cooling towers) is not expected to provide any significant acoustic shielding benefit.

The Shire of Northampton has identified that the building design should indicate appropriate noise mitigation measures to control the noise from the equipment contained within it. We note, however that the noise from the site is controlled by the louvred openings to the building. The contribution of the breakout noise through the building fabric received at the residential receiver / boundary locations is more than 10 dB less than that of the louvred openings – hence, any modifications to the building will provide no acoustic benefit or reduction in noise levels from the site.



The Shire of Northampton requires that a Noise Management Plan be provided for the project prior to construction activities commencing on site. This plan is to include management commitments to control of noise emissions from the site.

Operational noise will be managed in accordance with the *Environmental Protection (Noise) Regulations 1997*, and any applicable Shire of Northampton requirements. A revised noise assessment can be undertaken during the detailed design phase of the project, at which time the specific equipment to be installed on site and the associated noise emissions from each item of equipment can be incorporated. Where possible, the mitigation items identified above will be incorporated into the noise management plan, and any other mitigation options which could provide a material benefit to the project can be considered at that time.

6.2 Construction Noise

The noise emission from the construction of the proposed power station is predicted to be below the daytime EPNR environmental noise criterion of L_{A10} 45 dB(A) which would otherwise apply. It can also be seen that the likely internal noise levels within the nearest residence as a result of daytime construction are below those recommended by AS/NZS 2107 for living areas.

<u>.</u> (*)

Consequently no specific acoustic mitigation measures are required.

In the event that construction is required outside of standard hours, a more detailed noise assessment of the proposed construction equipment / activities would be required, and a formal management plan provided.

The Shire of Northampton requires that a Construction Management Plan be provided for the project prior to construction activities commencing on site. This plan is to include management commitments to control of construction noise emissions from the site.

As a matter of course, construction noise will be managed in accordance with Australian Standard AS 2436 – 2010 Guide to noise and vibration control on construction, demolition and maintenance sites, and any applicable Shire of Northampton requirements. Sections 4.4 to 4.7 of the Standard in particular outline noise management measures and planning for construction sites; these will be incorporated into the site-specific Construction Management Plan at that time. A revised noise assessment can be undertaken during the detailed design phase of the project, at which time the specific construction equipment and programme and the associated noise emissions from each item of equipment can be addressed.

Due to the apparent sensitivity of the local community to the project, it is recommended that particular attention be paid to community consultation, engagement and notification for the duration of the construction period.

Yours sincerely

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Government of Western Australia Department of Environment Regulation Your ref: 10.6.1.3-A4151-L10792 GEO/ OCR28580 Our ref: CEO841/17 Enquiries: Teresa Gepp Phone: 6467 5383 Email: advice.coordinator@der.wa.gov.au

Mr Garry Keeffe Chief Executive Officer Shire of Northampton *Via email: council@northampton.wa.gov.au*

Attention: Ms Hayley Williams

Dear Mr Keeffe

DEVELOPMENT APPLICATION – LOT 10792 GEORGE GREY DRIVE, KALBARRI

I refer to the letter dated 10 March 2017 from Ms Hayley Williams, Principal Planner, regarding a proposed solar thermal power station at the above location. I note the request for technical advice from the Department of Environment Regulation (DER) regarding a noise management plan prepared in response to DER's prior advice on this proposal.

Technical expert advice has been prepared by DER experts regarding the amended noise management plan. The advice is provided as an Addendum to the previous report (DER Reference CEO102/17). The interpretation of this technical expert advice, and decisions about how the advice it contains should be considered in undertaking regulatory functions, are matters for the recipient organisation to determine. DER accepts no responsibility for the use or misuse of the attached advice, or the consequences of decisions made in reference to it.

Should your staff have any queries, please contact DER's Planning and Advice Coordinator, Ms Teresa Gepp, on 6467 5383 or by email at advice.coordinator@der.wa.gov.au.

Yours sincerely

Dan Volaric ACTING DIRECTOR GENERAL

28 March 2017

Att.



Government of Western Australia Department of Environment Regulation

PAC Technical Expert Advice—Addendum

Details About Addendum				
Full title of expert report	Review of Noise Assessment for Proposed Solar Thermal Pow Station, Kalbarri – prepared for the Shire of Northampton			
Advice requested by	Shire of Northampton			
Description	Technical review of the noise assessment provided			
DER reference	CEO841/17			
Previous DER reference	CEO102/17			

Additional Advice

Please write below if there is any additional advice.

The Shire of Northampton has requested advice on a revised noise assessment dated 17 February 2017, prepared by AECOM in response to the Department of Environment Regulation's (DER) technical review of the initial noise assessment.

DER's initial review found that the assessment report lacked the information necessary to support the conclusion that the relevant assigned levels in the *Environmental Protection (Noise) Regulations 1997* (Noise Regulations) would be achieved. The revised assessment sees significant amendments to the proposal with changes to both the generation configuration and cooling systems.

Most notably, from a noise emission perspective, it appears the cooling system has changed from a maximum of 56 (for Stage 2), air-cooled condenser units to a maximum of 16 or eight water-cooled condensers. The correct number of water-cooled condensers proposed is not clear, as section 3.2 - Stage 2 of the report states 16 wet cooling towers, while section 4.2 - Assessment of Noise Emissions only refers to eight cooling towers. It is not clear whether the correct number of towers has been modelled. Typically water-cooled systems are more efficient and use lower fan speeds with the benefit being lower noise levels. This is reflected in the significant 12 dB (approx.) reduction in the sound power level for the condensers present in this report compared to those of the previous proposal.

The report notes noise data from the radiator fans/cooling towers "has been based on 85 dB(A) per fan at one metre from each tower". There is no explanation provided as to how the octave band sound power level has been derived from the A-weighted level at one metre. Accurate sound power levels are fundamental to the overall assessment of the noise emissions. The Shire may wish to request further explanation in relation to the sound power data.

The revision changes the full capacity proposal from three solar thermal generators, two ORC turbogenerators and one diesel generator to two solar thermal generators, three ORC turbogenerators and one diesel generator. The revised report presents no sound power data for the turbogenerators, although this was presented in the previous report. Highlighting the notional nature of the sound power data and undermining the confidence in the noise assessment, the report presents identical octave band sound power levels for all three generator types without explanation or justification. It is highly unlikely the three generator types would have such similar noise profiles.

The development plans provided with the initial request for advice identify air exhaust fans associated with the generators with outlets penetrating the building. It is not clear what consideration has been given to noise emissions from these fans. The report notes that "noise from the site is controlled by louvred openings to the building". The openings all appear to be on the northern side of the building, so if noise from the openings is dominant it would be expected that the modelling would show significantly higher noise levels north of the facility than to the south; this is not the case. What can be seen in the modelling are significantly elevated levels in the north westerly direction between bearings 270° and 340° (approx.) from the building. This anomaly warrants explanation.

AECOM suggest the cooling towers "have no significant effect on the overall noise levels from the site" this is not supported by the sound power data or layout provided. The building, even with louvred openings, is likely to provide substantial attenuation of the generator noise. Given the number of units and the sound power level, the unattenuated cooling tower noise is likely to dominate over the attenuated generator noise.

The assessment has considered the tonality of the emissions noting "the noise from transformers is known to be tonal in character; a corresponding 5 dB penalty has been applied to the predicted noise level component for this equipment in the environmental noise assessment". This statement suggests that only the emissions from the transformer have been adjusted by 5 dB. The Noise Regulations require consideration of whether the emissions from a premises when received at another premises, are tonal. If so, the 'entire' received noise level is adjusted, not simply that of the tonal component. If the received noise is tonal the assessment may be understating the predicted assessable level by up to 5 dB.

The far field contour maps presented show the predicted noise levels for the residential area, but for the purpose of verifying the modelling, contours closer to the sources are necessary. There is insufficient explanation with respect to the model assumptions or the model contour features to have confidence in the modelling.

The modelling has assumed neutral meteorological conditions. By convention, environmental noise modelling undertaken in Western Australia usually assumes worst-case meteorological conditions, with wind from the source to the receiver and a night time temperature inversion. Typically, the following default conditions are used:

Parameter	'Day' (0700-1900)	'Night' (1900-0700)
Wind speed	4m/s	3m/s
Temperature inversion lapse rate or - Pasquill Stability (CONCAWE)	0 E	2 ^o C /100m F
Temperature	20 ⁰ C	15 ⁰ C
Relative humidity	50%	50%

The Stage 2 modelling predicts levels up to 5 dB above the assigned level will be received at the southern and eastern boundaries of lot 10792 in the vicinity of the proposal.

The acoustic report presented is insufficient to support the claim the noise emissions from the proposed solar thermal power station will achieve the Noise Regulations' night time criteria.

Signatures			
Author			
Name	Mr Jonathan Button		
Position title	Noise Regulation Officer		
Signature	UB-2	Date 24.3.17	
Reviewer			
Name	Dr Jingnan Guo		
Position title	Senior Noise Regulation Officer		
Signature	grand &	Date 27 3 2017	

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A 4151

6 April 2017

Hayley Williams **Principal Planner** Shire of Northampton PO Box 61 Northampton WA 6535

Dear Hayley

Development Application - Lot 10792 George Grey Drive, Kalbarri - Response to DER Comments

We respond here to the comments made by the Department of Environment Regulation (DER), their reference CEO841/17 dated 28 March 2017. For clarity, we address each item separately:

1. Number of cooling towers

Most notably, from a noise emission perspective, it appears the cooling system has changed from a maximum of 56 (for Stage 2), air-cooled condenser units to a maximum of 16 or eight water-cooled condensers. The correct number of water-cooled condensers proposed is not clear, as section 3.2 - Stage 2 of the report states 16 wet cooling towers, while section 4.2 -Assessment of Noise Emissions only refers to eight cooling towers. It is not clear whether the correct number of towers has been modelled. Typically water-cooled systems are more efficient and use lower fan speeds with the benefit being lower noise levels. This is reflected in the significant 12 dB (approx.) reduction in the sound power level for the condensers present in this report compared to those of the previous proposal.

16 cooling towers are proposed to be installed. Eight will be operational for Stage 2; the remaining eight are only called upon during "island mode". This will be clarified in the reporting.

2. Radiator fan / cooling tower noise data

The report notes noise data from the radiator fans/cooling towers "has been based on 85 dB(A) per fan at one metre from each tower". There is no explanation provided as to how the octave band sound power level has been derived from the A-weighted level at one metre. Accurate sound power levels are fundamental to the overall assessment of the noise emissions. The Shire may wish to request further explanation in relation to the sound power data.

The data "85 dB(A) at 1 metre" was provided by the manufacturer; no other data was provided. The spectrum was derived from AECOM's database of similar cooling towers. At the time of writing the report, no dimensions for the cooling towers were available, consequently a point source was assumed. Dimensions of the towers have now been provided; the sound power level of the towers will be updated in accordance with the "square box" method given in ISO 3746 Acoustics -- Determination of sound power levels and sound energy levels of noise sources using sound pressure -- Survey method using an enveloping measurement surface over a reflecting plane. Reference to this standard will be noted in the report, and the source of the spectrum described.

3. Turbogenerator noise data

The revision changes the full capacity proposal from three solar thermal generators, two ORC turbogenerators and one diesel generator to two solar thermal generators, three ORC turbogenerators and one diesel generator. The revised report presents no sound power data for the turbogenerators, although this was presented in the previous report. Highlighting the notional nature of the sound power data and undermining the confidence in the noise assessment, the report presents identical octave band sound power levels for all three generator types without explanation or justification. It is highly unlikely the three generator types would have such similar noise profiles.



The omission of the turbogenerator noise data from the report is a typographical error, which will be corrected in the report.

The only data provided was "91 dB(A) at 1 metre"; no other data was provided for this equipment, or for the other generator types. The spectrum was derived from AECOM's database of similar capacity generators. At the time of writing the report, no dimensions for the generators were available, consequently a point source was assumed. The noise data for the solar thermal generators has now been provided by the manufacturer as "91 dB(A) at 1 metre"; the turbogenerators as "90 +/- 2 dB(A) at 1 metre"; no other spectral data is available.

Dimensions of the generators have now been provided; the sound power level of the towers will be updated in accordance with the "square box" method given in ISO 3746 Acoustics -- Determination of sound power levels and sound energy levels of noise sources using sound pressure -- Survey method using an enveloping measurement surface over a reflecting plane. Reference to this standard will be noted in the report, and the source of the spectrum described.

4. Exhaust fans and louvres

The development plans provided with the initial request for advice identify air exhaust fans associated with the generators with outlets penetrating the building. It is not clear what consideration has been given to noise emissions from these fans. The report notes that "noise from the site is controlled by louvred openings to the building". The openings all appear to be on the northern side of the building, so if noise from the openings is dominant it would be expected that the modelling would show significantly higher noise levels north of the facility than to the south; this is not the case. What can be seen in the modelling are significantly elevated levels in the north westerly direction between bearings 270° and 340° (approx.) from the building. This anomaly warrants explanation.

AECOM understands that the initial equipment selection which was identified to the council included exhaust fans for the generators; however, the equipment was subsequently changed to "through vent" systems, which do not have exhaust fans but which require ventilation louvres on both the northern and southern sides of the building. This arrangement (of through-vent) was modelled in the acoustic assessment, which is the reason for the noise propagation demonstrated in the report. The elevations of the building, indicating the size and locations of the louvred openings, will be included in the acoustic report to clarify this point.

5. Contribution of cooling tower noise emissions

AECOM suggest the cooling towers "have no significant effect on the overall noise levels from the site" this is not supported by the sound power data or layout provided. The building, even with louvred openings, is likely to provide substantial attenuation of the generator noise. Given the number of units and the sound power level, the unattenuated cooling tower noise is likely to dominate over the attenuated generator noise.

In light of the revised noise data and dimensions available for the generators and cooling towers, the noise assessment will be revised and this statement will be reviewed.

6. Tonality

The assessment has considered the tonality of the emissions noting "the noise from transformers is known to be tonal in character; a corresponding 5 dB penalty has been applied to the predicted noise level component for this equipment in the environmental noise assessment". This statement suggests that only the emissions from the transformer have been adjusted by 5 dB. The Noise Regulations require consideration of whether the emissions from a premises when received at another premises, are tonal. If so, the 'entire' received noise level is adjusted, not simply that of the tonal component. If the received noise is tonal the assessment may be understating the predicted assessable level by up to 5 dB.

AECOM agrees and understands that the noise from the entire site (not just a single item of equipment) is required to be considered for tonality at the receiver locations. The predicted noise from the site at the receiver locations was considered against the tests for tonality, and no tonality was



demonstrated. However, it is well known that transformers display a distinct tonal characteristic (typically at 200Hz) and hence the 5dB adjustment to the contribution from this equipment was included in the noise modelling as a conservative measure. This will be clarified in the report.

7. Near-field noise contours

The far field contour maps presented show the predicted noise levels for the residential area, but for the purpose of verifying the modelling, contours closer to the sources are necessary. There is insufficient explanation with respect to the model assumptions or the model contour features to have confidence in the modelling.

In discussion with Mr Jonathan Button, the author of the DER response, it was clarified that the nearfield noise contours cannot be used for <u>verification</u> of the noise model – as the equipment is not installed, verification of the noise model against field measurements is simply not possible. However, the DER explained that it would be useful to show near-field noise contours for the purposes of better understanding the relative contributions of the different noise sources on the site. Consequently, the predicted near-field noise contours will be provided in the report, with a brief discussion of the noise sources.

8. Meteorological conditions

The modelling has assumed neutral meteorological conditions. By convention, environmental noise modelling undertaken in Western Australia usually assumes worst-case meteorological conditions, with wind from the source to the receiver and a night time temperature inversion. Typically, the following default conditions are used:

Parameter	'Day' (0700-1900)	'Night' (1900-0700)
Wind speed	4m/s	. 3m/s
Temperature inversion lapse rate or - Pasquill Stability (CONCAWE)	0 E	2 ^o C /100m F
Temperature	20°C	15 ⁰ C
Relative humidity	50%	50%

The DER confirmed that the noise assessment should include assessment of worst-case noise propagation, including the above parameters, with the wind direction from the source to the receiver. This assessment will be included in the reporting.

9. Lot 10792 predicted noise results

The Stage 2 modelling predicts levels up to 5 dB above the assigned level will be received at the southern and eastern boundaries of lot 10792 in the vicinity of the proposal.

In discussion with the DER, it was clarified that the Environment Protection (Noise) Policy, the noise criteria for "Noise sensitive premises: highly sensitive area" (as applicable to the existing residential properties) is not applicable at the boundaries of Lot 10792. Rather, the noise criteria defined in the Policy for "Noise sensitive premises: any area other than highly sensitive area" are applicable. These noise criteria are as follows:

Type of premises receiving noise	Time of Day	As	signed Level (dB)
		L _{A10}	LAU	L _{Amax}
Noise sensitive premises: any area other than highly sensitive area	All hours	60	75	80

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The revised noise assessment will consider the predicted noise levels from the site at the property boundary of Lot 10792 against these criteria.

10. Preliminary nature of the noise assessment

The DER acknowledged that the noise assessment reflects the client's undertaking to ensure that the noise emission from the site can and will achieve the required environmental noise criteria.

The DER also recognised that the noise assessment is by necessity, due to the preliminary stage of design for the power station, based on a preliminary equipment selection, and that the reporting of predicted noise emission from the site and any subsequent noise mitigation measures deemed necessary would be revised when the final design is complete and the actual equipment design noise data can be obtained.

11. Northampton Council's guidelines

The DER also advised that the guidelines to which the Council refers, namely the *Guidance for the* assessment of environmental factors, Environmental Noise Draft No. 8, have been withdrawn, and are no longer available on the DER or other environmental departments' websites. Consequently, the guidelines can only be used to inform the council, but carry no weight in terms of acoustic assessment.

Yours sincerely

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Appendix 4. Soil and Water Management Plan;



Tidal Energy Australia Pty Ltd 22-Feb-2017 Commercial-in-Confidence

Soil and Water Management Plan

Kalbarri Solar Thermal

Soil and Water Management Plan Commercial-in-Confidence

Soil and Water Management Plan

Kalbarri Solar Thermal

Client: Tidal Energy Australia Pty Ltd

ABN: 76067829145

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Prepared by

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22-Feb-2017

Job No.: 60477754

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Soil and Water Management Plan Commercial-In-Contidence

Quality Information

Document Soil and Water Management Plan

Ref 60477754

Date 22-Feb-2017

Prepared by David Meyer, Elizabeth Young

Reviewed by Joep Vaessen

Revision History

Rev	Devision Date	Details	Au	thorised
Hev	Revision Date	Details	Name/Position	Signature
A	08-Dec-2016	For Client Review	Joep Vaessen Project Manager	
B	09-Dec-2016	For Submission	Joep Vaessen Project Manager	
С	21-Feb-2017	For review	Linda Kirchner Project Manager	3./
D	22-Feb-2017	Final	Linda Kirchner Project Manager	Z

Soll and Water Management Plan Commercial-in-Confidence

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Soll and Water Management Plan Commercial-In-Confidence 1

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1.0 Background

Tidal Energy Australia (TEA) has asked AECOM for support in the soil erosion management plan and water management plan for the Kalbarri Solar Thermal Facility. This plan is provided in response to queries from the Shire of Northampton ("the Shire") in relation to the Kalbarri Solar Thermal Facility currently being development by Allsage Pty. Ltd ("the Developer"). The Developer proposes to develop Lot 10792 George Grey Drive, Kalbarri WA to include a solar Thermal Power Station.

This report provides details of the soil erosion management plan and water management plan to support this development.

1.1 Site Location

The project site is located approximately 5 km south of Kalbarri (Figure 1). The development will be of a portion of this lot totaling 25 ha. The development is surrounded by predominantly rural areas, and adjoins Kalbarri National Park.

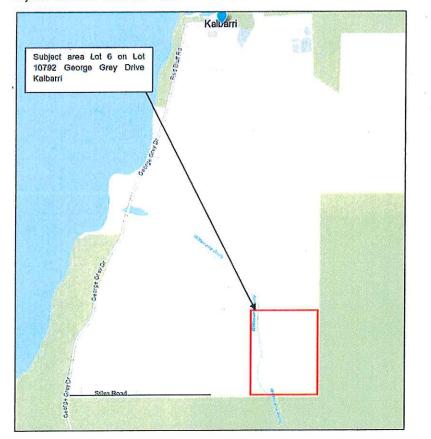


Figure 1 Site Location (Bio Diverse Solution, 2016).

1.2 Proposed Development

The proposed development is a 1 MW Solar Thermal Power Station (see Drawing 60477754-02-CIV-0002 in Appendix A). Mirrors will reflect sunlight onto crystalline graphite heat elements on top of approximately 20 Towers. This will heat will be used in a steam reticulation system to make electricity.

The site will initially be cleared to enable construction of the site. The site will then include a firebreak and a 20 m low fuel zone boundary to reduce the fire risk to and from the site. The operating site will control the vegetation to enable the function of the mirrors and maintain the reduced fire risk (Bio Diversion Solution, 2016).

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The development of the site will be undertaken in two stages.

- Stage 1 is proposed to be constructed with 12 solar tower receivers and associated generation and transmission equipment (Figure 2).
- Stage 2 is proposed to be constructed with 48 solar tower receivers and associated generation and transmission equipment (Figure 3).

Figure 2 Stage 1 Layout

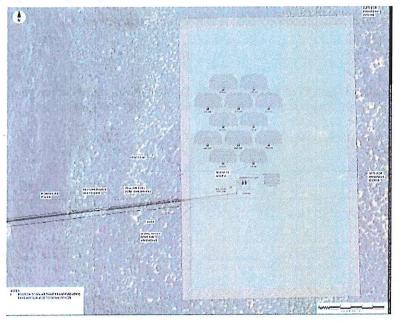


Figure 3 Stage 2 Layout



The proposed equipment arrangements are indicated below. The generators, switch gear, control room and staff facilities (kitchen, toilets) will be housed within a building, with the transformers located in a secure fenced area to the west and a 500L diesel fuel tank. The radiator fans (wet cooling towers) are located approximately 9.5m to the east of the Stage 2 building.

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Figure 4 Equipment arrangement and building

1.3 Purpose

This soil and water management plan (SWMP) has been prepared by AECOM on behalf of Tidal Energy Australia to assist the construction and operational contractors in avoiding, minimising and managing the potential impacts that may arise during the construction and operation phases of the project.

FRONT VIEW

The management measures are considered a minimum requirement and should be supported by contractors own management measures where applicable and where they are to be more stringently applied.

RIGHT VIEW

2.0 Environmental Setting

2.1 Climate

Kalbarri has a Mediterranean-type climate characterised by hot dry summers and mild wet winters. The BoM weather station at Kalbarri (008251) recorded an average annual rainfall of approximately 350 mm between 1970 and 2017. Most of the rainfall occurs between May and August. The average annual evaporation is about 2,500 mm and evaporation is greatest during the summer months of January and February (Department of Water 2006). Average daily maximum and minimum temperatures in February are 34°C and 20°C and in July are 22°C and 11°C respectively.

2.2 Topography

The site slopes (3.6% grade) downwards in a westerly direction from 60m AHD on its eastern boundary to 36mAHD on its western boundary.

2.3 Vegetation

The site is currently vegetated and consists of Acacia Scrubland and Heath (source: Bio Diversion Solution, 2016).

2.4 Soils

The soil type is Eolian and Residual Sand (DOIR), which is commonly associated with coastal areas.

2.5 Existing Surface Water

The site is located on a convex ridge at the top of a catchment that forms part of the catchment for the Wittecarra Gully (located to the west of the site). The site is approximately 300m from the Wittecarra Gully at the nearest point, with the proposed access track to the site crossing the Wittecarra Gully. There are no defined watercourses within the proposed development site and so 'sheet flow' runoff may occur during rainfall events.

Surface runoff modelling of the sites regional catchment indicates that the site is not within a floodplain associated with the Wittecarra Gully or its tributaries (See Drawing 60477754-02-CIV-2201 in Appendix A).

2.6 Groundwater

The southern site is partially located within a P2 Public Drinking Water Source Area (PDWSA) of the Kalbarri Water Reserve, which is part of the Gascoyne Groundwater Area (See Drawing 60477754-02-CIV-2203 in Appendix A).

Priority 2 (P2) areas are defined and managed to maintain or improve the quality of the drinking water source with the objective of minimising risk. P2 areas occur within PDWSAs where the land is zoned rural and the risks need to be minimised. Low levels of development consistent with the rural zoning are considered appropriate (generally with conditions) in P2 areas (Department of Water, 2016).

The Department of Water (2006) states that the quality of the groundwater resource is potentially at risk from increased development around the Kalbarri townsite and Port Kalbarri. The vulnerability of the groundwater system was considered high because the aquifer is unconfined and is recharged directly by rainfall, which represent conditions got the aquifer to be readily contaminated by commonly used fertilisers, pesticides, chemicals and fuels (Department of Water, 2006).

2.6.1 Water Supply Bores

There are reportedly two Water Corporation production bores (1/97 and 2/97) and a monitoring bore (3/97) located about 780m south west of the proposed development (Department of Water, 2006). Groundwater for Port Kalbarri is abstracted from the two production bores which reportedly had a licensed allocation of 35,000 kL per annum, with production previously well below the licensed allocation (Department of Water, 2006).

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Wellhead protection zones (WPZs) provide specific protection areas defined to protect a drinking water source from contamination in the immediate vicinity of bores. Circular wellhead protection zones of 300 m radius should be established around each of the production bores within the P2 area (Department of Water, 2006, 2016)

The groundwater quality within the Kalbarri and Port Kalbarri area was reported as generally good up to 2004. Contaminants of concern which exceed the Australian Drinking Water Guidelines in the Port Kalbarri borefield raw water include microbiological and aesthetic components. There was no evidence of any significant anthropological derived contamination in the catchment. The contaminants detected were considered to be naturally occurring (Department of Water, 2006).

3.0 Land Use Compatibility

The Department of Water's Water Quality Protection Note (WQPN) 25 provides guidance on what land uses are compatible with the PDWSAs and identifies conditions based on the types of land use and risks posed to the drinking water quality (DoW, 2016). As the southern section of the development lies partly within a P2 PDWSA then conditions apply due to the proposed use at the site and as the site is larger than 4 hectares. Refer to Table 1.

The concept layout of the site includes solar tower receivers within the P2 area, however, the associated generation and transmission equipment, staff facilities (ablutions) and access track are located outside of the P2 zone.

As part of the development of the design and refinement of the layout, opportunities will be considered to locate as much of the solar thermal receiver blocks outside of the P2 zone to minimize risk to the PDWSA.

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Table 1 Department of Water Conditions for Constructing Solar Farms and Sites >4 hectares located within P2 PDWSA

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DoW		Other Guidance Documents
Condition	Condition Description	
2	 Conditions apply to the location and type of wastewater disposal systems, including: On-site wastewater treatment systems should be located outside of WHPZs and reservoir 	Government sewerage policy WQPN no. 70: Wastewater
	 If WHPZs or RPZs have not been defined, a minimum buffer of 100 m from any production 	ureaument and disposal - domestic systems
	 A 2 m vertical clearance from the highest known groundwater level is required. 	
	 Areas with poor drainage and land subject to flooding or inundation at a probability of greater than one in ten years should be avoided. 	94
	 It should be demonstrated by a land capability assessment that effective on-site soakage of treated wastewater can be achieved. 	
	 The slope of the land on which wastewater disposal is to occur should not exceed one in five. 	
	 Secondary wastewater treatment systems, with regular maintenance requirements may be 	
	required in some circumstances. All systems selected shall be approved by the Department of Health.	
	 Systems should be approved to be able to handle the capacity of wastewater generated by the number of residents. 	
5	Limited to one of this dwelling type per property (lot).	
13	These facilities/land uses should be located outside of WPZs unless the operator demonstrates	WOPN no 10: Contaminant snills -
	that the risk of water contamination is effectively controlled under all circumstances. Under the	emergency response
	Metropolitan Water Supply, Sewerage and Drainage By-laws 1981, ground level or underground	WQPN 56: Tanks for elevated
	chemical storage tanks (equal to or greater than 250 L) are prohibited in P1 and P2 areas of an	chemical storage
	PDWSA; and elevated chemical storage tanks (equal to or greater than 250 L capacity) are	WQPN 58: Tanks for temporary
	prominited in P1 and P2 WHP2S of an PUWSA.	elevated chemical storage
	Hydrocarbons, cnemicals and other toxic or hazardous substances should be stored so there is no discernible contamination of droundwater or surface water. This should include affective	WQPN 60: Tanks for mobile fuel
	secondary barriers to contain the system.	WQPN no. 61: Tanks for ground
	A contingency plan should be in place to ensure adequate response to contamination incidents.	level chemical storage
		WORN IIU. 02. LAUKS IU
		WQPN no. 65: Toxic and
		horada a character

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DoW Condition No	Condition Description	Other Guidance Documents
20	Building envelopes should be located outside of RPZs and WHPZs.	
22	Adequate bunding should prevent the escape of contaminants into the environment, including planning for contingencies such as malfunctions, storms and floods.	
24	If potentially toxic and hazardous substances are used, a contingency plan for managing and responding to spills should be in place.	WQPN no. 10: Contaminant spills – emergency response

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4.0 Management Plan

4.1 Water Supply / Groundwater Management

4.1.1 Water Requirements

The electricity generation will require an initial amount of water for the steam generators; however, this water is in a closed (water recaptured) circuit and ongoing water supply is not required.

The site requires 50 kl of water to be stored and available onsite for firefighting purposes (Bio Diversion Solution, 2016). A storage tank for this water is located near the site entrance at the location presented in Drawing 60477754-02-CIV-0002 (Appendix A). This storage tank may include a water harvesting roof to aid in ensuring the tank is at full capacity in case of need during a bush fire.

The mirrors will require some water during maintenance cleaning and also for cooling purposes. An estimate of water requirements for cooling purposes is approximately 250ML per year.

4.1.2 Water Supply

The site has no current mains water supply. Water supply for construction and during operation will be provided from existing and new groundwater licenses. The site lot has existing bores and extraction license (No. 175917) for 15,000 kl per annum and a new bore will be installed within the site to supplement the sites water requirements An application for a licence to abstract water (5c) and construct or alter a well (26d) has been submitted to the Department of Water.

4.2 Wastewater Generation

Temporary ablution facilities will be utilised during the construction phase, which will be removed from site by the provider. An estimate of water demand per day for the kitchen and ablution facilities is approximately 500 litres/day during the operational phase. The kitchen and ablution facilities are located outside of the PDWSA and so the use of a conventional septic tank system for treatment of the wastewater may be acceptable. An application to construct and install the wastewater treatment will need to be submitted to the Shire of Northampton.

4.3 Site Surface Water Management

4.3.1 Design Criteria

The development of a site should aim to maintain the existing hydrologic regime. This project has adopted the design criteria for surface water management which are proposed by the Department of Water in guidance document Better Urban Water Management (WAPC, 2008).

- Design Criteria SW1: Retain and treat the runoff from the 1 year 1 hour rainfall event on site as close to source as practicable
- Design Criteria SW2: Post development peak discharge from the site to be comparable with the pre-development peak discharges from the site for extreme rainfall events.
- Design Criteria SW3: Finished floor levels must have a minimum of 500 mm clearance above the 100 year ARI flood levels in drainage basins.

4.3.2 Management Measures

The site is not located near a regional floodplain (60477754-02-CIV-2201) and thus risk of flood damage from regional catchment floodplains is not likely.

The existing site has sandy soils which would infiltrate common rainfall events such as the 1 year 1 hour event (Design Criteria SW1). The developed site will have mirrors which will locally deflect the rain on to the adjacent ground. It is anticipated that for minor rainfall events, this water will infiltrate at source as currently occurs. Therefore, the development will have no impact and Design Criteria SW1 will be achieved.

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During extreme storm events (i.e. 100 year ARI), the unmitigated post-development runoff could be increased due to the reduced vegetation coverage and mirrors (note: although the mirrors will deflect rainfall, this water is diverted to the immediate adjacent soil and the water could flow to the soil under the mirror. The net effect is little change in the overall "imperviousness" of the site which typically produces higher runoff rates and volumes.).

The risk of increased runoff volume and rate from the site has been mitigated by the inclusion of a perimeter drain along the downstream boundary of the site. This shallow drain (500mm depth) will collect runoff and divert it to a sedimentation basin (60477754-02-CIV-2202). This basin will also act as a detention basin and mitigate discharge from the site; this will enable Design Criteria SW 2 to be achieved.

The buildings associated with the generators will have a minimum floor level of 500mm above the adjacent round to ensure that Design Criteria SW3 is achieved.

4.4 Creek Crossing

The proposed development includes the construction of an access track that will cross the Wittecarra Gully. The design of the road will need to consider the following:

- The road alignment should closely follow the land contour (where practical and in accord with safe design standards), to minimise the extent of cut and fill that may alter natural water movement patterns or require extensive artificial drainage works.
- The crossing should be designed to maintain the existing hydrological regimes and not increase the risk of flooding to upstream land.
- Avoid creating barriers or impediments to migration of aquatic fauna. The number, size, shape and location of any necessary culverts should be selected to minimise the impacts on aquatic habitats.
- Incorporate measures to prevent significant erosion of the waterway or banks and minimise vegetation clearance.
- Avoid crossings at channel bends or at angles much less than 90 degrees to the main flow channel.

The proposed site is approximately 300m from the Wittecarra Gully at the nearest point, which is considered a sufficient buffer to minimise water quality impacts to the Gully.

4.5 Water Quality

In order to minimise the risk of water pollution at the site, the following items will be implemented to mitigate and manage the residual risk:

- Site layout
 - Locate chemical and fuel spill risk facilities away from sensitive environments with a sufficient buffer to allow for effective intervention prior to water pollution occurring.
 - Storage of toxic and hazardous substances below ground is not acceptable within the PWDSA (P2 class); however, above-ground storage is considered compatible by the Department of Water.
 - Plant fuelling activities to be located outside of PDWSA and undertaken within bunded areas, to enable containment in the event of a spill and prevent the infiltration of contaminants to the underlying ground.
 - Avoid underground pipework carrying chemicals to facilities outside of the containment compound within the PDWSA.
 - Waste storage and disposal and toilet facilities to be located outside of the PDWSA and a minimum of 100m away from waterways (this has been incorporated into the concept layout).
- Site Operations

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- All chemical transfer activities (into and out of tanks) should occur on an impervious sealed floor, which is kerbed, graded or bunded to prevent liquid run-off into the environment.
- Store chemicals in chemical-resistant containers on hardstand flooring on safe racks or pallets in secure and weatherproof buildings.
- Storage compounds should have a minimum capacity of 110 per cent of the largest chemical container, plus 25 per cent of the aggregate capacity of all other stored individual containers.
- Flooring, drains and collection sumps should be constructed or sealed with protective coatings to prevent seepage, damage or deterioration resulting from contact with the stored or spilt fluids.
- Avoid risk related activities at times when weather conditions may magnify any harm caused by a spill e.g. outdoor unloading during rainfall.

An emergency response plan (ERP) should be prepared detailing processes to follow for responding to a fuel/ chemical spill or fire. The ERP should include:

- A risk assessment of activities that may pose a risk of contaminating water and potential impacts.
- Incident response manuals, including provision and maintenance of Material Safety Data Sheets (MSDS).
- Staff should be trained in incident response protocols and made aware that part of the site is located within a PDWSA and associated risks.
- Provision of equipment to protect workers and mitigate impacts of a spill.
- Installation and maintenance of warning and emergency contacts signage. All chemical containers should be labelled with the contents and supplier's safe use instructions.
- Plans for containment and disposal of contaminated fluids or other media (soils) if there is a large spill or fire. Plans should be available for site drainage systems and where they discharge should be defined

Further details on what the ERP should contain is detailed in Department of Water (2006) Water Quality Protection Note 10 Contaminant Spills – Emergency Response.

4.6 Soil Erosion Management

4.6.1 Design Criteria

The soil erosion design criteria are:

- Design Criteria SE1: Minimise wind erosion of soils from within the site.
- Design Criteria SE2: Minimise erosion of soils off the site as a result of water runoff.

4.6.2 Management Measures

The development will initially be cleared of vegetation to enable development of the site. During the period until ground cover of low level vegetation is developed, there is an increased risk of soil erosion compared to the pre-development environment. Prior to ground disturbance, suitable planning will be undertaken to avoid the need for stockpiling (if required), but contingent areas should be identified for short term storage if alternative solutions cannot be found. These locations should be appropriate distances from stormwater drains, local watercourses or steep slopes.

During clearing of the site, the final grading (where required) of the site should be conducted in a perpendicular direction to the slope of the site (i.e. north-south direction). This will enable minor terracing of the site which will help capture runoff and enable infiltrate at source (Design Criteria SW1). The installation of portable sediment control structures (such as silt fencing) during periods of heavy rainfall will also help minimize erosion. Minor terracing will also promote vegetation growth which will provide stability in the soil and reduce erosion. In addition, the use of water spraying or hydromulching will be used to minimise dust lift-off from exposed surfaces during construction until the final surface

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treatment is applied (gravel surfacing for tracks, revegetation of other areas). This will enable achievement of Design Criteria SE1.

The perimeter drain will collect surface runoff which may contain eroded sediments. This will be diverted to a sedimentation basin. The basin will reduce the risk of discharge of sediments off the site and enable achievement of Design Criteria SE2.

The perimeter drain must be installed early in the site preparation works. This drain may be considered as a temporary measure or permanent feature of the site. Should the future site return to pre-development erosion and peak discharge potential, the drain could be removed. This would return the site to the existing hydrologic regime of sheet flow conditions. During operation, vegetation on site will be regularly maintained to prevent overgrowth and access tracks to and within the site will be gravel based.

4.7 Summary of Management Actions

The management actions for water and soil erosion management are summarised in Table 2.

Aspect	Management measure	Timing
Groundwater Management	Apply to DoW for Abstraction Licence An application to construct and install the wastewater treatment will need to be submitted to the Shire of Northampton.	Prior to construction and during design
Surface Water Management	 Design Criteria SW1: Retain and treat the runoff from the 1 year - 1 hour rainfall event on site as close to source as practicable Design Criteria SW2: Post development peak discharge from the site to be comparable with the pre-development peak discharges from the site for extreme rainfall events. Design Criteria SW3: Finished floor levels must have a minimum of 500 mm clearance above the 100 year ARI flood levels in drainage basins. The road alignment should closely follow the land contour (where practical and in accord with safe design standards), to minimise the extent of cut and fill that may alter natural water movement patterns or require extensive artificial drainage works. The crossing should be designed to maintain the existing hydrological regimes and not increase the risk of flooding to upstream land. Avoid creating barriers or impediments to migration of aquatic fauna. The number, size, shape and location of any necessary culverts should be selected to minimise the impacts on aquatic habitats. Incorporate measures to prevent significant erosion of the waterway or banks and minimise vegetation clearance. Avoid crossings at channel bends or at angles much less than 90 degrees to the main flow channel. 	During design and construction
Water Quality	 Locate chemical and fuel spill risk facilities away from sensitive environments with a sufficient buffer to allow for effective intervention prior to water pollution occurring. Storage of toxic and hazardous substances below ground is not acceptable within the PWDSA (P2 class); however, above-ground storage is considered compatible by the Department of Water. Plant fuelling activities to be located outside of PDWSA and 	During design

Table 2 Summary of Management Measures

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Aspect	Management measure	Timing
	 undertaken within bunded areas, to enable containment in the event of a spill and prevent the infiltration of contaminants to the underlying ground. Avoid underground pipework carrying chemicals to facilities outside of the containment compound within the PDWSA. Waste storage and disposal and toilet facilities to be located outside of the PDWSA and a minimum of 100m away from waterways (this has been incorporated into the concept layout). 	4
Water Quality	 All chemical transfer activities (into and out of tanks) should occur on an impervious sealed floor, which is kerbed, graded or bunded to prevent liquid run-off into the environment. Store chemicals in chemical-resistant containers on hardstand flooring on safe racks or pallets in secure and weatherproof buildings. Storage compounds should have a minimum capacity of 110 per cent of the largest chemical container, plus 25 per cent of the aggregate capacity of all other stored individual containers. Flooring, drains and collection sumps should be constructed or sealed with protective coatings to prevent seepage, damage or deterioration resulting from contact with the stored or spilt fluids. Avoid risk related activities at times when weather conditions may magnify any harm caused by a spill e.g. outdoor unloading during rainfall. 	During operations
Soil Erosion	 Design Criteria SE1: Minimise erosion of soils from within the site. Design Criteria SE2: Minimise erosion of soils off the site as a result of water runoff. Obtain approval from DER for any clearing of native vegetation. Manage clearing area to reduce dust lift off between clearing and construction, with water or hydromulch prior to surface treatment for operational phase. Final grading (where required) of the site should be conducted in a perpendicular direction to the slope of the site (i.e. north-south direction). The perimeter drain must be installed as part of the site preparation works. 	Prior to and during construction
Contingency response	 An emergency response plan (ERP) should be prepared detailing processes to follow for responding to a fuel/ chemical spill or fire. 	Prior to construction

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5.0 References

Bio Diverse Solutions, 2016. Bushfire Management Plan.

Department of Water (2006) Kalbarri Water Reserve Drinking Water Source Protection Plan, Kalbarri and Port Kalbarri Town Water Supply, Water Resource Protection Series, No. 64, June 2006

Department of Water (2006) Water Quality Protection Note 10 Contaminant Spills – Emergency Response.Department of Water (2006) Water Quality Protection Note 44 Roads near sensitive water resources

Department of Water (2008) Water Quality Protection Note 61 Tanks for ground level chemical storage

Department of Water (2015) Water Quality Protection Note 65 Toxic and Hazardous Substances

Department of Water (2016) Water quality protection note no. 25, Land use compatibility tables for public drinking water source areas, April 2016

WAPC, Better Urban Water Management. 2008.

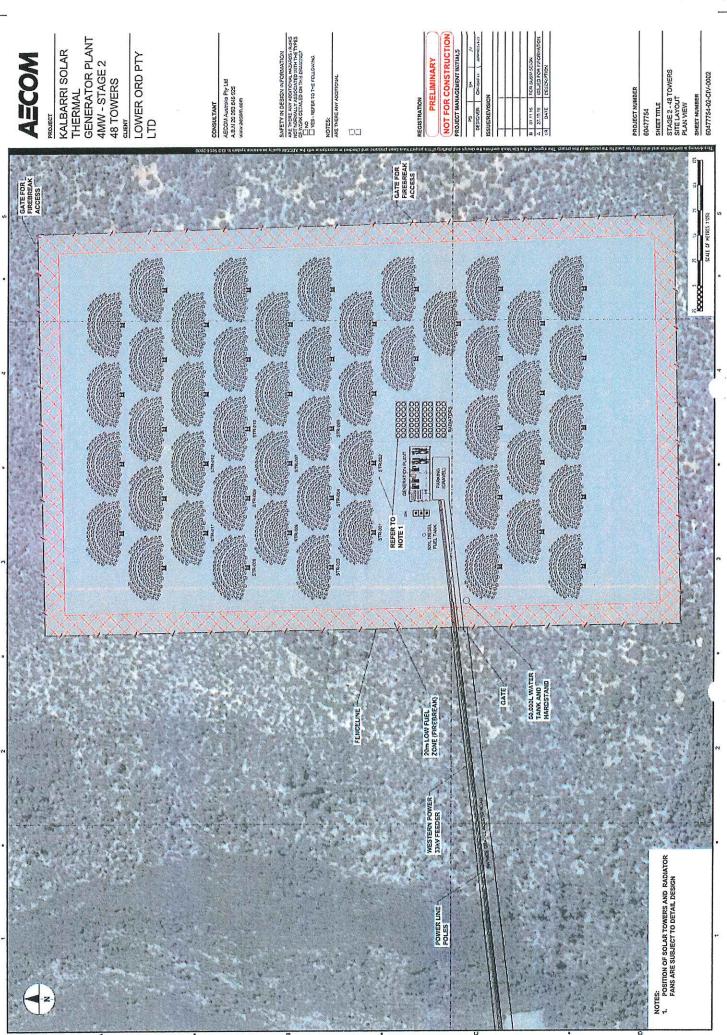
Appendix A

Drawings

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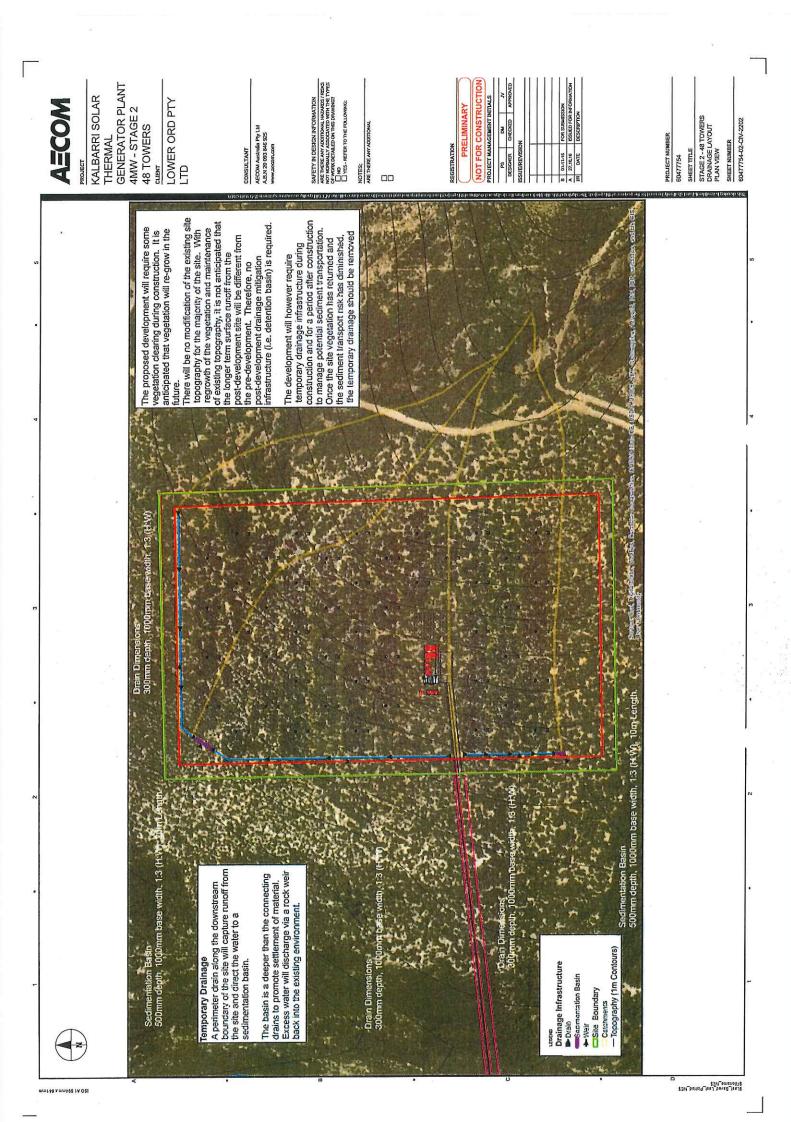
Appendix A Drawings

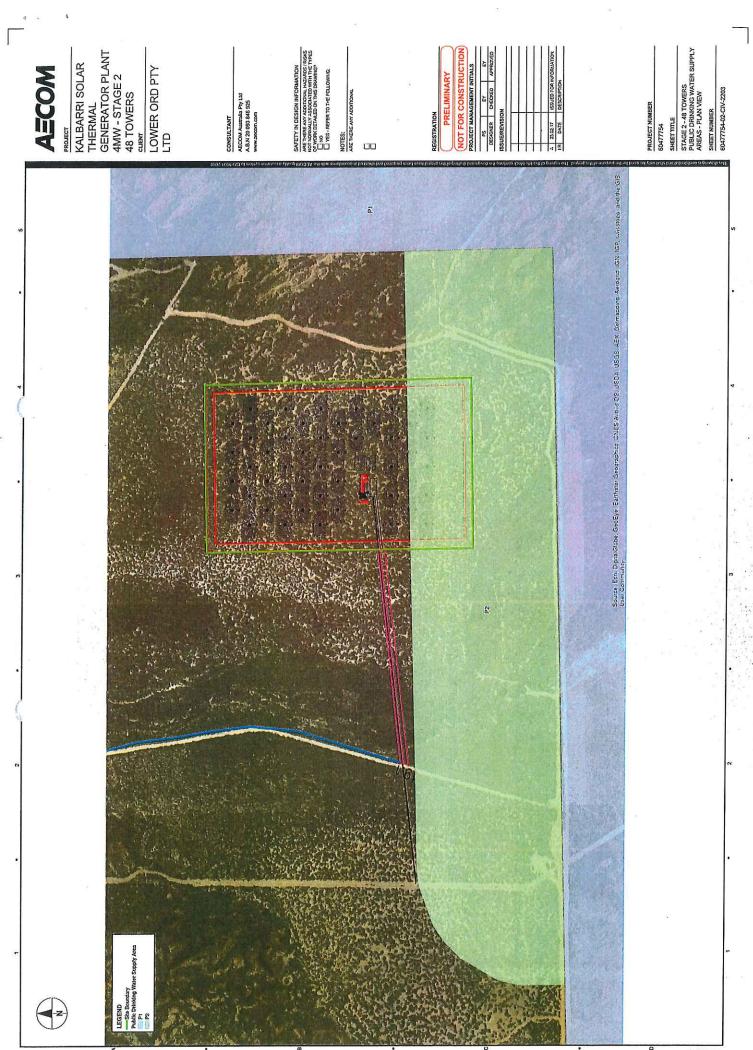
Revision D – 22-Feb-2017 Prepared for – Tidal Energy Australia Pty Ltd – ABN: 76067829145



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Hayley Williams

From: Sent: To: Cc: Subject: WRAY Kerry <Kerry.WRAY@water.wa.gov.au> Tuesday, 11 April 2017 12:20 PM Hayley Williams CLAUGHTON Vivien; Midwest Soil and Water Management Plan - Kalbarri Solar Thermal

A4151 AV L10792GED 10.6.1.3

Dear Hayley

Thank you for submitting the latest revision of the Soil and Water Management Plan (AECOM, 22/2/17) to the Department of Water on behalf of Tidal Energy Australia Pty Ltd, received at our Geraldton office on March 15, 2017.

As discussed with you, the proponent has not included previous advice in the submitted plan, regarding protection of public drinking water supplies for Kalbarri.

The conditions set out below were included in correspondence dated Jan 16 2017, however they have not all been included in the submitted revised management plan as requested. It is critical for the proponent to adequately commit to protection of drinking water supplies by including all of the conditions as worded below. In addition, the correct terminology must be used in reference to the Public Drinking Water Source Area, as per the listed Water Quality Protection Notes and the Kalbarri Water Reserve Drinking Water Source Source Protection Plan.

- An extract from the previous correspondence is below, which has been revised to include <u>one</u> <u>complete list of all conditions</u> required to support development within the Priority 2 Kalbarri Water Reserve. This is to guide the Shire and the proponent on correct wording and terminology.
- 2. In addition, details of the proposed diesel storage must include detailed description of the type of bunding to be used. The Department of Water strongly recommends that both the diesel storage and any wastewater disposal be sited as far as practicable and downgradient from the Well Head Protection Zones of the drinking water bores.
- 3. As also discussed with you, the numerous typographical errors throughout the document indicate a lack of attention to detail, which in relation to protection of the Priority 2 Kalbarri Water Reserve, and protection of important drinking water supplies, is alarming. It is recommended the proponent's consultant be advised that the quality of the report overall for a proposal that involves the proposed clearing of 25ha of native vegetation adjacent to a National Park, in a Priority 2 Public Drinking Water Source Protection Area, is not of a sufficient standard to demonstrate the risks are fully understood.

The Department of Water can support the proposed activities within the Kalbarri Water Reserve when the submitted management plan demonstrates understanding of and commitment to managing the relevant risks, as outlined below and previous correspondence.

For any future proposals within Public Drinking Water Source Areas, the proponents consultant and the Shire may wish to review <u>State Planning Policy 2.7 Public drinking water source</u>, which may assist in reducing the time needed for preparation and assessment of a management plan within a drinking water source area.

Furthermore, for a plan of this type, which has required several revisions, on this occasion I have had less than three weeks to review and respond, which with my current workload has not been sufficient time for me to prioritise a referral unless requested in advance.

Please call or email if you would like to discuss,

Regards

Kerry

Kerry Wray | Natural Resource Management Officer Midwest Gascoyne | Department of Water Kerry.wray@water.wa.gov.au (08) 6364 7721

Advice to Shire of Northampton and Tidal Energy Australia Pty Ltd – Priority 2 Kalbarri Water Reserve - 11 April 2017 – Soil and Water Management Plan, Kalbarri Solar Thermal

Protection of Public Drinking Water Source Area (PDWSA)

According to the DoW's Water quality protection note 25: Land use compatibility tables for public drinking water sources, solar energy production is compatible in P2 areas with conditions 13, 22 and 24. Subdivision to a lot size greater than 4 ha is also compatible with conditions 2, 5 & 20. (See images attached below). <u>The indicated risks are shown for which the listed and referenced management</u> measures must be addressed.

As outlined in the Kalbarri Water Reserve Drinking Water Source Protection Plan - Kalbarri and Port Kalbarri Town Water Supply the groundwater is vulnerable to contamination. "The vulnerability of the groundwater system is high because the aquifer is unconfined and is recharged directly by rainfall therefore it can be readily contaminated by commonly used fertilisers, pesticides, chemicals and fuels."

Groundwater is inferred to flow to the North – west, from recharge areas within the National Park to the south-east of Kalbarri. Contamination risks from this proposal include sedimentation, and leakage or accidental spillage of Toxic Hazardous Substances (THS) (fuel, oil and chemicals) which may occur during construction and/or use of the facility.

The recommended conditions of approval below are designed to minimise water contamination risks within the P2 area, and should be included in a revised version of the management plan.

- All vehicle and plant fuelling activities should be placed and operated within low permeability bunded compounds outside the water reserve designed to allow effective recovery of any chemical spill to the environment. Any soil contaminated by a chemical spill should be removed and disposed of at a licensed waste disposal site.
- 2. If potentially toxic and hazardous substances are used, a contingency plan for managing and responding to spills should be in place. See WQPN no. 10: Contaminant spills emergency response.
- 3. Adequate bunding should prevent the escape of contaminants into the environment, including planning for contingencies such as malfunctions, storms and floods.

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4. An emergency response plan should be developed in preparation for the event of a fuel, chemical spill or fire. Means should be provided to immediately reclaim and contain any spilt toxic and hazardous substances (THS). Site employees should be trained in the safe management of THS, what to do in the event of a THS spillage and the implications of loss of these chemicals to the environment. Key staff should be given designated roles to minimise harm during any accident or emergency involving these substances. For an overview of appropriate contingency planning for contaminant spills and emergency response please refer to Water Quality Protection Note 10 Contaminant spills - emergency response. DoW should be advised in the event of any spill of petroleum hydrocarbons (i.e. oils or fuels) or other potentially hazardous materials. Please contact the Midwest Regional office on (08) 9965 7400 or midwest@water.wa.gov.au.

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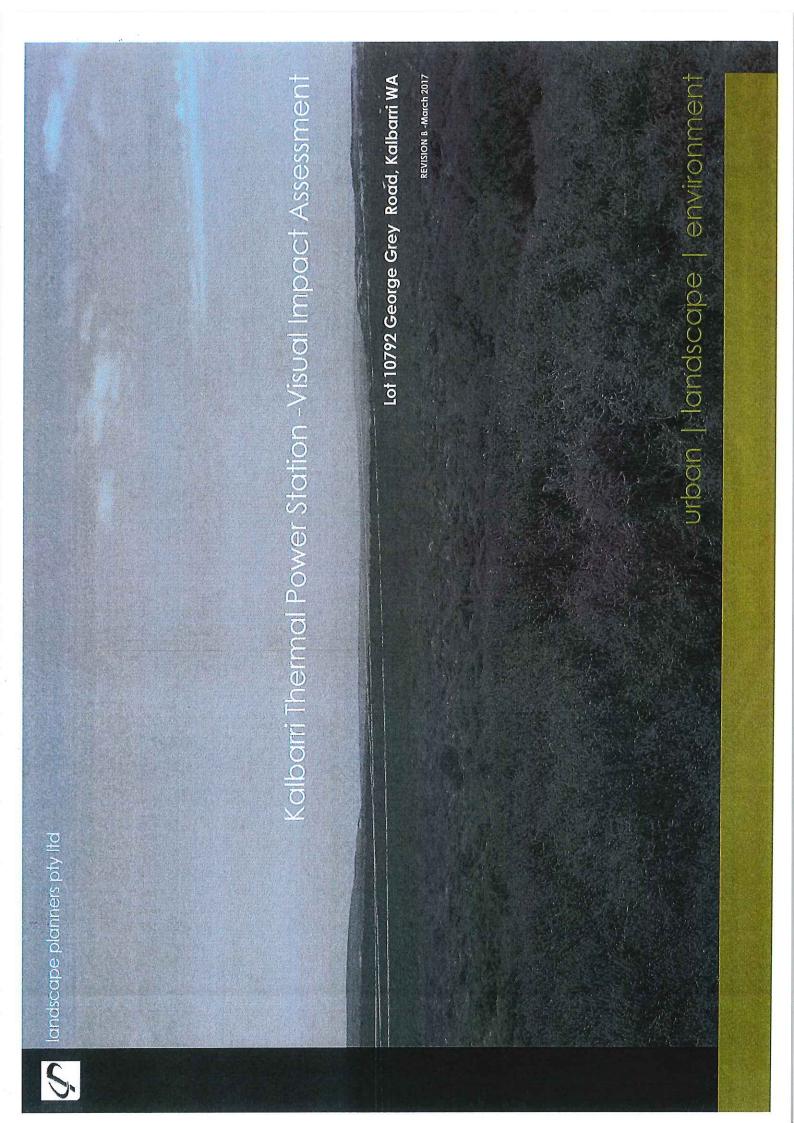
- 5. These facilities/land uses should be located outside of WHPZs and RPZs unless the operator demonstrates that the risk of water contamination is effectively controlled under all circumstances. Under the Metropolitan Water Supply, Sewerage and Drainage By-laws 1981, ground level or underground chemical storage tanks (equal to or greater than 250 L) are prohibited in P1 and P2 areas of an UWPCA; and elevated chemical storage tanks (equal to or greater than 250 L) are prohibited in P1 and P2 wHPZs of an UWPCA. Hydrocarbons, chemicals and other toxic or hazardous substances should be stored so there is no discernible contamination of groundwater or surface water. This should include effective secondary barriers to contain the system. Refer to WQPN no. 56: Tanks for elevated chemical storage, WQPN no. 58: Tanks for temporary elevated chemical storage, WQPN no. 60: Tanks for mobile fuel storage in PDWSAs, WQPN no. 61: Tanks for ground level chemical storage, WQPN 25: Land use compatibility tables for PDWSAs and WQPN no. 65: Toxic and hazardous substances for further information (See links below). A contingency plan should be in place to ensure adequate response to contamination incidents (refer to WQPN no. 10: Contaminant spills emergency response).
- 6. All staff or contractors should be aware that they are operating within a public drinking water source area and the potential for their actions to lead to the contamination of the public drinking water supply.
- 7. Solid waste and rubbish disposal occurs outside the PDWSA. All toilet facilities should be located outside of the P2 area unless it is impractical to do so. Toilet facilities should be located outside any wellhead protection zones and have a minimum buffer of 100 metres to any waterway and a two metre vertical buffer to the maximum wet season water table.
- 8. Authorised staff of the Department of Water have right of access for the purpose of water resource inspection and investigation.
- 9. No activity shall be undertaken which prevents or restricts the access of the Water Corporation to any existing production bore.
- 10. Written notification is provided to DoW of any activities that may go beyond those outlined in the conditions stipulated before initiation of activities.
- 11. Any use of groundwater must be licensed for that specific purpose with the DoW.

Links to referenced documents:

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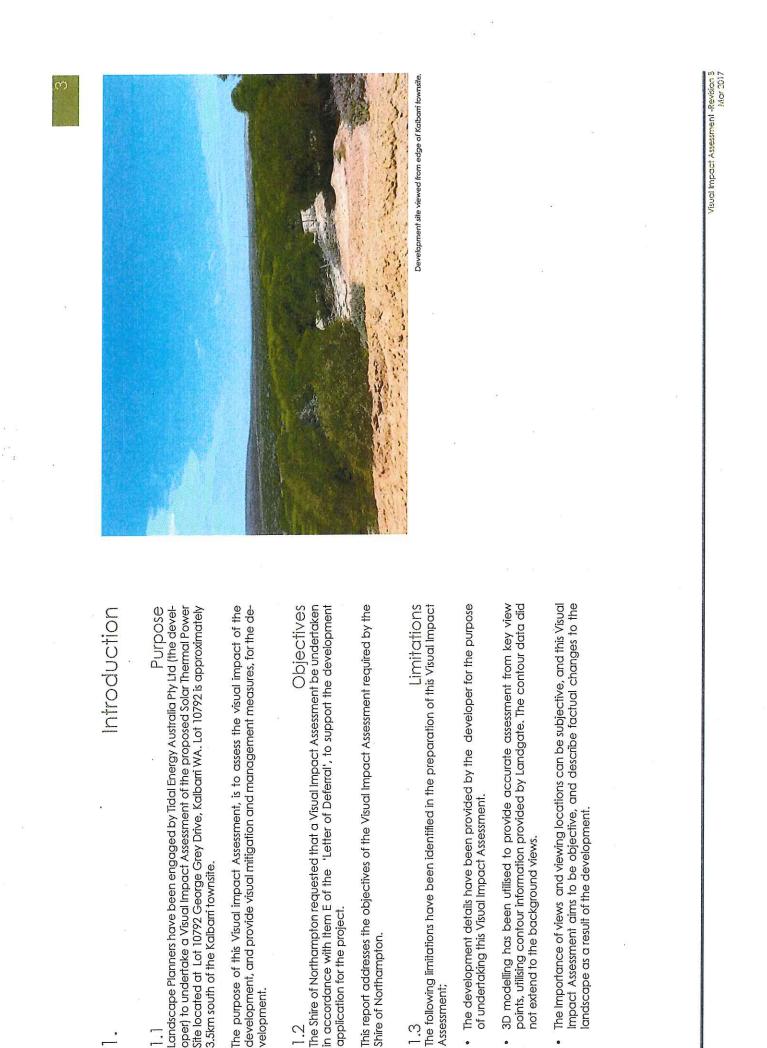
- WQPN 10 Contaminant spills emergency response http://www.water.wa.gov.au/PublicationStore/82323.pdf
- WQPN 25 Land use compatibility in public drinking water source areas http://www.water.wa.gov.au/PublicationStore/12441.pdf
- WQPN 44 Roads near sensitive water resources.
 www.water.wa.gov.au/PublicationStore/81912.pdf
- WQPN 56: Tanks for elevated chemical storage <u>http://www.water.wa.gov.au/PublicationStore/82577.pdf</u>
- WQPN 58: Tanks for temporary elevated chemical storage http://www.water.wa.gov.au/PublicationStore/89561.pdf
- WQPN 60: Tanks for mobile fuel storage in PDWSAs <u>http://www.water.wa.gov.au/PublicationStore/106041.pdf</u>
- WQPN 61: Tanks for ground level chemical storage <u>http://www.water.wa.gov.au/PublicationStore/84434.pdf</u>
- WQPN 65: Toxic and hazardous substances storage and use http://www.water.wa.gov.au/PublicationStore/82270.pdf
- Stormwater Management Manual for Western Australia. <u>http://www.water.wa.gov.au/urban-water/urban-development/stormwater/stormwater-management-manual</u>
- Kalbarri Water Reserve Drinking Water Source Protection Plan Kalbarri and Port Kalbarri Town Water Supply <u>https://www.water.wa.gov.au/ data/assets/pdf_file/0007/4777/59809.pdf</u>

Appendix 5. Visual Impact Assessment;



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Contents	1.1 Purpose	1.2 Objectives	1.3 Limitations	2. Project Description	2.1 Development Area	2.2 Builtform	3. Visual Character	3.1 Site Context	3.2 Site Character	3.3 Site Character Map	3.3 Visual Catchment	3.4 Visual Quality	4. Visual Impact Assessment	4.1 Methodology	4.2 Visual Impacts	4.3 Views	4.4 Cumulative Impacts	4.5 Summary of Impacts	5. ImpactMitigation	5.1 Mitigation Summary	6. References	7. Appendices	

Visual impact Assessment -Revision B Mar 2017



Assessment;

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1.2



Project Description

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is approximately 1008 hectares of which approximately 26.45 hectares is proposed for the development of the Thermal Power Station. Refer to Appendix 1 -Site Plan. The development area is located within Lot 10792 George Grey Drive, Kalbarri. Lot 10792 Development Area

Lot 10729, is surrounded on the south and east by Kalbarri National Park, and to the west by private land and the residential developments of Capital Hill and EcoFlora. The area to the north of the lot is private land that has been designated for the following land uses; tourism, conservation and groundwater protection.

imately 4.7km south of the edge of the Kalbarri townsite, 2.2km from residential development (Capital Hill-Large lot development) to the west of the site, and 2.8km from the residential development (EcoFlora & Capital Hill) to the northwest of the site. The 26.45 ha development site is located in the south east comer of Lot 10792, approx-

The proposed Thermal Power Station (site) will be implemented in 2 stages.

Stage 1 will include;

12 Solar mirror arrangements with thermal receiver block towers.

Stage 2 will include;

 36 additional solar mirror arrangements with thermal receiver block towers, and additional infrastructure.

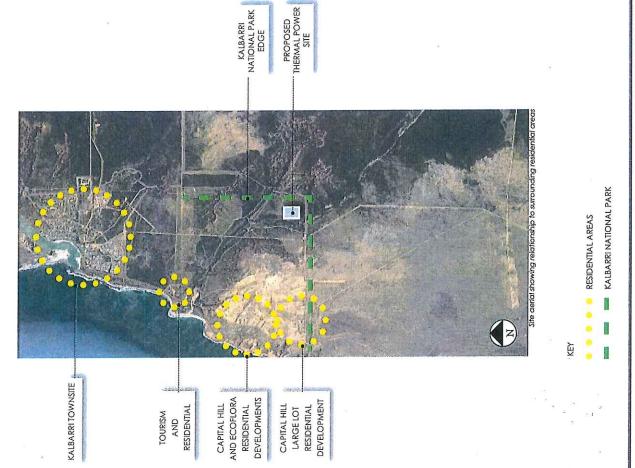
The ultimate arrangement is for 48 solar mirror arrangements with thermal receiver block towers and associated infrastructure.

2.2

2.2 Cleaning The development of the site will include the cleaning of approximately 26.45 hectares of existing vegetation to facilitate the following;

- Site access;
- Power lines; and
- Thermal Power Station and infrastructure.

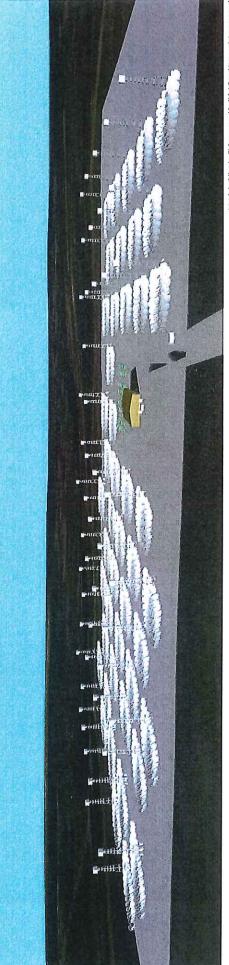
An access track will be provided to the proposed site from the existing Stiles Road, the access track will follow existing firebreaks and access tracts, to a new track of approxi-mately 500m in length to the proposed site clearing. Power line connection to the existing Kalbam feeder line will be via the new and existing access tracks.



Visual Impact Assessment -Revision B Mar 2017



Model of the built form used in this Visual Impact Assessment



Builtform

The Thermal Power station site will be developed in 2 stages. The site works will be undertaken for stage 2, within the Stage 1 works, with the additional infrastructure installed in the future. all access, clearing works, power line connections and fencing will be undertaken within the initial stage of the project works. 2.3

The solar receiver towers will be approximately 24.5m in height with a 3m x 3m x 3m receiver block forming the top of the tower. The site building will be approximately 20m x58m (stage 2) and be a typical colour bond shed type construction.

For the purpose of this Visual Impact Assessment, all modelling and assessment has been undertaken on the ultimate configuration shown in Stage 2.



Typical receiver tower and block courtesy of Solastor.

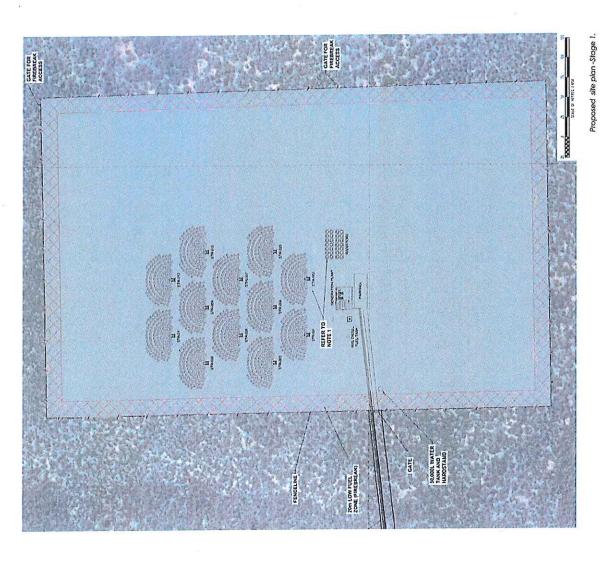


Stage 1

The built form for Stage 1 of the project will include;

- Power line connection (approx 950m) to existing power lines;
 12 solar mirror arrangements, consisting of 1296 heliostat mirrors;
 12 solar receiver towers;
 28 cooling units (3x3x3m);
 1 water tank(50kl);
 1 transformer;
 50011 Diesel fuel tank;

- Site fencing; Generator room (approx 20x28m); and Site parking area.
 - .



Stage 2

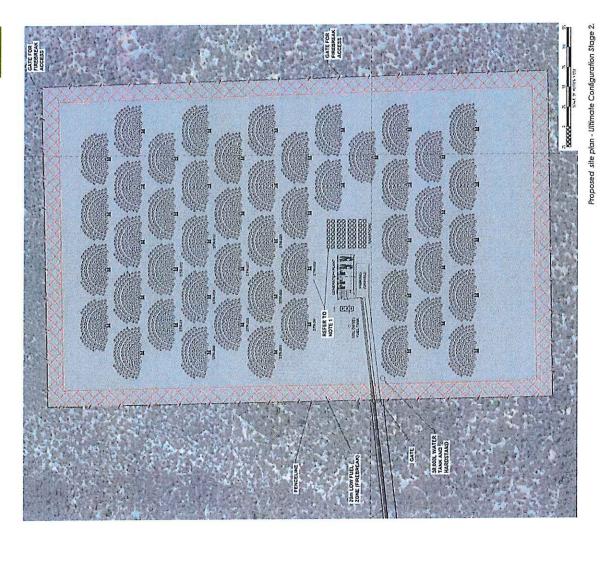
Stage 2 will construct the Thermal Power Station to its ultimate configuration. The built form for stage 2 of the project will include an additional;

- 36 solar mirror arrangements, consisting of 1296 heliostat mirrors;
 - 36 solar receiver towers;
- 2 transformers; 28 cooling units (3x3x3m); and Generator room (approx 20x28m)

Ultimate Configuration

The built form for the ultimate configuration of the project will include a total of;

- Power line connection (approx 950m) to existing power lines;
- 48 solar mirror arrangements, consisting of 1296 heliostat mirrors;
 48 solar receiver towers;
 56 cooling units (3x3x3m);
 1 water tank(50kl);
- - 3 transformers;
- 500lt Diesel fuel tank; Site fencing; and a
- Generator room (approx 20x56m); and Site parking area.





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Visual Character

3.1 Site Context The landscape surrounding Lot 10792 would be described as undulating to hilly coastal heath and scrubland, punctuated by rocky ridgelines and creeks, being either remnant vegetation or areas that have been previously modified for farming, grazing and residential development. To the west of the site the land slopes up to the existing residential areas of Captial Hill and EcoFlora, where the landscape has been modified and previously cleared and grazed. The developments are either large lot semi rural blocks Capital Hill (large lots) or higher density small lot developments within EcoFlora and Capital Hill. To the south and east of the site the landscape is remnant coastal heath and scrub (up to 3m in height) forming part of the Kalbarri National Park, undulating and hilly with rocky ridgelines and creeks. The landform slopes to the slopes up to both the south and west of the site, with a rocky ridgeline approximately 500m to the east of the site, and creek flowing through the site.

To the north of the site the land slopes up towards the townsite of Kalbarri, and the coast, and is undulating coastal heath and scrub (up to 3m in height). Just north of the site are several large lot residential areas, earmarked for tourism and conservation.

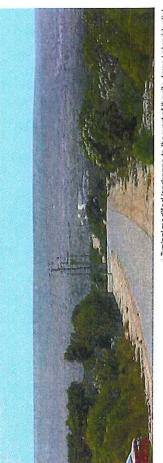
The landscape character of the remnant vegetation surrounding the site, forms a continuous texture which is only interrupted by cleared areas, access tracks and rocky ridgelines. Roadside vegetation surrounding the site is generally Acacias and occasionally Eucalypts from 3m to 4m in height.



Typical modified landscape to the west of the site



'ypical modified landscape immediately to the north of the site -large Lot residential and tourism.



Typical modified landscape to the west of the site -large Lot residential



ndscape to the west of the site

Visual Impact Assessment-Revision 8 Mar 2017 lypical remnant vegetation, on the eastern side of the lot, with views up to Capital Hill lypical modified landscape on the west of the lot with rocky hidgelines behind. Remnant vegetation, undulating and hilly typical of the Kalbarri National Park to the east and south of the site Typical remnant vegetation, Site Character

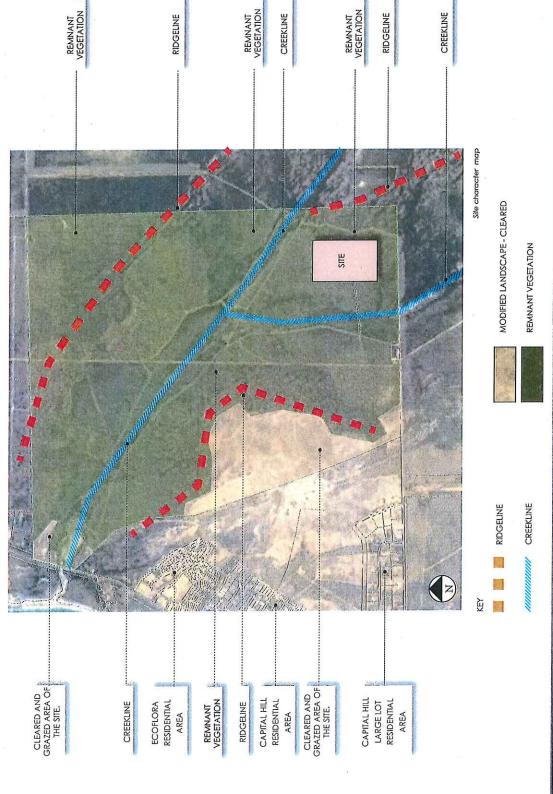
3.1 Sife Character of Lot 10792 is varied, with a creekline (Wittecarra Creek) flowing through the site, from southwest to northwest and a tributary flowing from the south of the site, north to join the main creekline.

The landscape character surrounding the creeklines are generally remnant heath and scrub. in good condition. the land rises up from the creeklines to the north, south, east and west. A ridgeline located on the western side of the tributary marks a change in the landscape character from remnant vegetation to cleared land, previously used for grazing. A small are of modified landscape is located in the north eastern corner of the lot at the boundary of George Grey Drive, towards the mouth of Withecarra Creek, where remnant vegetation has been cleared for grazing on the north of the creekline, and for intensive horticulture (mango farming) on the south of the creekline.

Remnant vegetation within the site is composed mainly of Banksia, Acacia, and Grevillea heath and scrub, ranging in height from 1-3m, with Eucalypts and Allocasurinas in limited locations within creeklines, generally not reaching more than 4-5m in height. The landscape character of the remnant vegetation within and surrounding the site; when viewed from middle and background viewpoints, forms a continuous colour and texture which is only interrupted by cleared areas, access tracks and rocky ridgelines. Soils are sandy within undulating areas, and rocky within the creeklines and hilly areas surrounding ridgelines.



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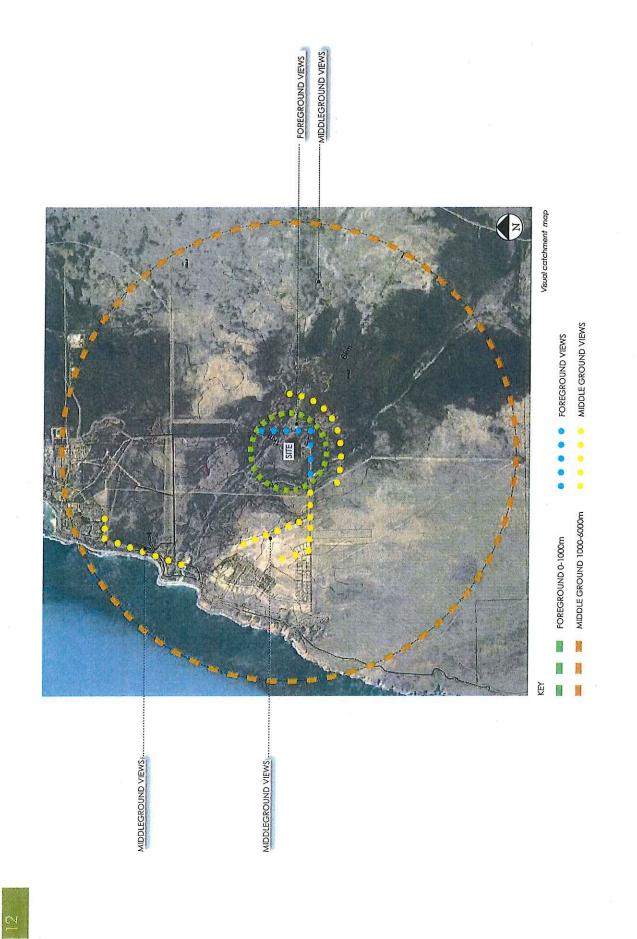
Site Character Map

3.3

 Middleground views into the site were identified at the following locations; Kalbarri National Park to the south and east of the site. Western Boundary of Lot 10792 Stilles Road Evolution Augusta 	 Beagle Road Pelican Road George Grey Drive (between Wittikara Creek and Kalbarri townsite. 	 Significant views were identified in the following locations; Stilles Road (Middleground views) Explorer Avenue (Middleground views) Beardie Provd (Middleground views) 	 4 we drive track to the east and south of the site (extension of Stiles Rd) (Foreground views) Kalbarri National Park to the south and east of the site (Foreground and Middleground views) 	3.5 The visual quality	erally natural and diverse landscapes have a higher quality than, areas that are less di- verse and have been subject to modification.	The visual quality of the areas surrounding the site are varied with, high visual quality identified within the surrounding Kalbam National Park landscapes, as you approach the site on George Grey Drive, with low visual quality adjacent to the site at the residential area. Mortified and dearcaded landscapes with low visual quality are located between	the edge of the development area and the site. The visual quality of the site is generally high, blending into the surrounding Kalbarri Na- tional Park areas of low visual quality consisting of cleared and modified Indecember are	located on the Western edge of lot 10972.		
3.4 Visual Catchment area was analysed through desktop studies, DOLA contour in- The visual catchment area was analysed through desktop studies, DOLA contour in- formation and site analysis. The distances for categorising views are based on the Western Australian Planning Commission -Visual Landscape Planning Methods, being:	Foreground 0-0.5km Middleground 0.5-6.5km Background 6.5-1 kkm	Due to the size of the proposed site, approximately 400m across the foreground view distance was increased to 1000m. The revised distances for categorising views utilised in this visual assessment are;	Foreground 0-1km Middleground 1-6.5km Background 6.5-16km	Foreground Views -Foreground views of the site are almost entirely contained with Lot 10792. Foreground views into the site are restricted to the area south and east of the site within the extension of Stiles Road 4wd track and within the Kalbarri National Park.	Views into the site from Kalbarri National Park are only accessible by foot, with tracks through the park having restricted vehicle access, and low usage.	Middleground Views -Due to the topography, Middleground views of the site are lo- cated the east and south, from the Kalbarri National Park and to the west and north west from the developments of Capital Hill and EcoFlora, and George Grey Drive.	Views into the site from Kalbarri National Park are only accessible by foot, with tracks through the park having restricted vehicle access, and low usage. Views from George Grey Drive are short term views, due to car movements.	Background Views -Due to topographic conditions it is not considered that there will be any Background views into the site. The proposed site is lower than the immediate landscape which is hilly and undulating with ridgelines preventing views into the site.	 Foreground views into the site were identified at the following locations; Kalbam National Park to the south and east of the site. 4wd drive track to the east and south of the site (extension of Stiles Rd) 	

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Visual Impact Assessment

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The methodology for this Visual Impact assessment is based on the methodology of the Western Australian Planning Commission -Visual Landscape Planning Methods, and the Landscape Institute and the Institute of Environmental Management and Assess-Methodology ment-Guidelines for Landscape and Visual Impact Assessment. 4.1

The methodology for this Visual Impact Assessment involved, a site visit and analysis and the development of a visual impact assessment based on the desktop study and site data collected.

Processes involved in the site analysis included;

- Desktop Study Collection of base mapping and contour data for the site and the surrounding visual catchment; and
 - Site visit and analysis Determination of the visual catchment, documentation of landscape character, identification of views and documentation of the above.

Processes involved in the visual impact assessment included;

- Assessment of the built form and visual impact of the development;
- Identification of views effected, and the assessment of the significance of the impacts
 - 3d modelling of the terrain to illustrate visual impacts of the development; and based on the built form and the visual sensitivity;
 - Identification of visual mitigation strategies.

A matrix assessment to determine the significance of the visual impact was made based

on the visual sensitivity and landscape impact at each viewing site (See Table 1).

Visual sensitivity was based on the following criteria relative to the context of the site;

- High-High visual sensitivity was determined for areas where residential areas are close to the site (Foreground Views). Iconic road user views.
- Medium Medium visual sensitivity was determined for areas where residential areas are at a distance from the site (Middleground views).
 - Low- Low visual sensitivity was determined for areas where road users can view the Areas where road users can view the site with short term views (Foreground Views). site with short term views.
- Negligible Negligible visual sensitivity was determined for areas where the majority of the site was obscured by landscape features.

Landscape impact was based on the following criteria relative to the builtform of the development;

- High-High landscape impact was determined to be changes to the landscape that reduced its quality, visible structures and detail, form, height, texture and colour, that are highly identifiable, with a high contrast to the surrounding landscape.
 - **Moderate** Moderate landscape impact was determined to be moderate changes to the landscape, visible structures and detail, that are identifiable, Medium contrast to the surrounding landscape.
 - Small- Small landscape impact was determined to be minor changes to the landscape, visible structures, that are not identifiable, low contrast
 - Negligible Negligible landscape impact was determined to be little or no change to the landscape.

			Landscap	Landscape Impact	
		HIGH	MODERATE	SMALL	NEGLIGBLE
	HGH	MAS	HS	MOS	MIS
Visual	MEDIUM	SH	SOM	MIS	NS
Sensitivity	LOW	NOS	MIS	SN	NS
	NEGLIGIBLE	MIS	NS	SN	SN

Table 1 - Visual Significance Martix (Adapted from Landscape Institute and the Institute of Environmental Management and Assess-ment-Guidelines for Landscape and Visual Impact Assessment)

Significance of Visual Impact

- -Major Significance MAS
- -High Significance HS
- MOS -Moderate Significance
 - -Minor Significance SIM SIN
- -Negligible Significance

4.2.7 Cooling units 56 of cooling units containing cooling fans are required, these are approximately 3x3x3m in size.	4.2.8 Water Tank A 50,000 litre water tank is required for storage, typically these tanks will be 3500m high.	4.2.9 Transformers It is proposed that the transformers (3 of) will be a typical sized transformer with a maximum height of 2m.	4.2.10 Generator room It is proposed that the building will be a colourbond building approximately 20m x 20m x4m in heicht	 4.2.11 Parking Parking is required for operations and maintenance, it is proposed that this would be hardstand within the site, and will not increase the hich visual impacts of clearing the site. 	4.2.12 Fencing Fencing is required to secure the site, to the extents of the cleared area. The fence will be typically1800 with 3 strands of barbed wire.			Typical miror and tower arrangement (courtesy of Solastor)
4.2 The following landscape impacts are expected from each of the following builtform ele- ments within the proposed development;	4.2.1 Clearing for Access Tracks Clearing is required for access to the site. Cleared tracks will provide high visual contrast with the surrounding vegetation within the Lot 10792. Cleared tracks where possible fol- low existing site tracks to reduce their visual impacts.		Will provide high visual contrast with the surrounding vegetation within the Lot 10792. Cleared tracks where possible follow existing site tracks to reduce their visual impacts.	Clearing is required for development site, approximately 26.45 hectares. The cleared area will provide a high visual contrast with the surrounding vegetation within the Lot 10792.	4.2.4 Power Lines Power lines are required for connection of power to existing distribution lines. The existing distribution lines run north - south, through the centre of Lot 10792. The proposed power lines will be typically, the same as the existing lines (single wooden poles 8m) and will run east - west. Impacts of the powerlines will be minimal viewed from the east and west due to existing transmission lines.	4.2.5 Solar Mirrors 48 solar mirror arrangements, consisting of 1296 heliostat mirrors will be located within the proposed site. The visual impact of the mirrors is not considered to be high, due to low height (approximately2500mm), the visual contrast of the mirrors will be high, however reflection from the mirrors is not considered to be high as they are designed to track the sun and reflect the light to the receiving towers.	4.2.6 Solar Receiving Towers The solar receiving Towers (48 of) are approximately 24.5m in height with a 3m x 3m x 3m receiver block forming the top of the tower. The tower is an open steel structure, which will reduce its visual impact, however the receiving block is solid and will contrast with the surrounding landscape. It is anticipated that the top of the towers will not effect the skyline views except in the foreground, due to the topography, and height of the sur- rounding landscape.	

View points were identified through site analysis and 3D modelling, identifying areas Views of high visual impact and typical views of the development. 4.3

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Views were modelled from contour information provided by DOLA, and do not allow for minor undulations and site vegetation which will probably ameliorate or reduce visual impact of views, depending on height and position of vegetation.

Areas of highest visual impact were areas of viewer sensitivity in close proximity to the proposed site, including;

- View 1; View 2; View 3;
- View 4; and
 - View 11.

Typical views were recorded in areas where the site was visible within the visual catch-ment. Typical views included;

- View 5; View 6; View 7; View 8; View 9; and
 - View 10.

The views were recorded through site photography and terrain modelled to create visualisations of the development within the landscape.

The modelling showed the visual impact of the clearing will create an initial high contrast within views into the site.



View location map

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View -1

Location: Stiles Road (unsealed)

Distance from site: 1000m

Description:

lypical view point for vehicles travelling down the edge of the Lot boundary and viewing the site. The road is an access track for maintenance of Water Corporation assets, and is unsealed, ruming into a 4WD track, and seldom used. The view is dominated by the texture of the surrounding vegetation and the rocky ridgelines behind the site.

Visual analysis:

The site will be highly visible from this viewpoint due to the close proximity to the site, within the middleground views, and the ter-rain sloping towards the site, with the site located on the rise beyond the creekline.

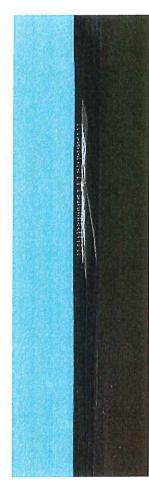
at the broading man 2

cation, providing a high contrast, and mitigation strategies should mirror arrays and all site infrastructure will be viewed from this lo-The cleared area, access tracks, power transmission lines, towers, be employed to reduce the visual impact.

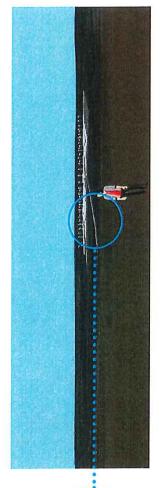
Towers do not enter the skyline.

Vegetation surrounding the clearing 2.5m height (not modelled) will likely reduce the area of visual contrast.

Visual Sensitivity: Medium Landscape Impact: Moderate Visual Impact Significance: Moderate Significance



View 1-3D Model (Viewing height 1.8m)



View 1-3D Model with person scale [1.8m]

View 1- Site Photograph (Viewing height 1.8m)

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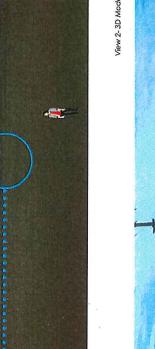
Visual Impact Assessment -Revision 8 Mar 2017

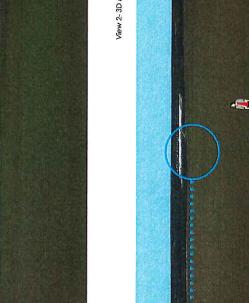
View 2- Site Photograph (Viewing height 1.8m)



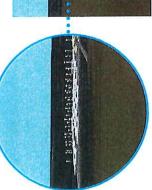
View 2-3D Model with person scale (3m)







View 2-3D Model [Viewing height 3m]



The site will be visible from this viewpoint due to the proximity to the site, within the middleground views, and the terrain sloping towards the site, with the site located on the rise beyond the

creekline.

Visual analysis:

idential area. The road usage is low and only services the imme-

diate residents.

Typical view point for vehicles travelling within the Large Lot Res-

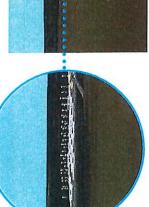
Location: Stiles Road intersection with Beagle Road

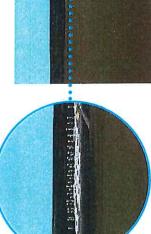
View -2

Distance from site: 2100m

Description:

The view is dominated by the texture of the surrounding vegeta-tion and is partially obstructed by vegetation within the site line.





New power lines will have a low impact as they are aligned east Towers do not enter the skyline. west.

mirror arrays and all site infrastructure will be viewed from this lo-cation, providing a high contrast, and mitigation strategies should be employed to reduce the visual impact.

The cleared area, access tracks, power transmission lines, towers,

Views are partially disrupted by existing roadside plantings and vegetation within site lines. Vegetation surrounding the clearing 2.5m height (not modelled)will likely reduce the area of visual contrast.

Visual Sensitivity: Low Landscape Impact: Moderate Visual Impact Significance: Minor Significance



View -3

Location: Explorer Avenue

Distance from site: 2500m

Description:

Typical view point for residents of the large lot residential areas, the viewport on the model is at 4m to simulate views from a second storey.

The view is dominated by the texture of the surrounding vegetation and is partially obstructed by vegetation when viewed from ground level.

Visual analysis:

The site will be highly visible from this viewpoint due to the proximity to the site, within the middleground views, and the terrain sloping towards the site, with the site located on the rise beyond the creekline.

HUNDER HUNDERS HUNDER

The cleared area, access tracks, power transmission lines, towers, mirror arrays and all site infrastructure will be viewed from this location, providing a high contrast, and militgation strategies should be employed to reduce the visual impact for the residential receptor.

New power lines will have a low impact as they are aligned east west.

Towers do not enter the skyline.

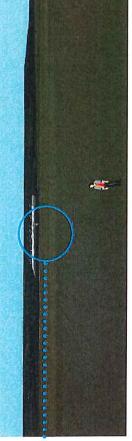
Vegetation at the viewing point (not modelled) will likely ameliorate views at ground level.

Visual Sensitivity: Medium Landscape Impact: Moderate Visual Impact Significance: Moderate Significance

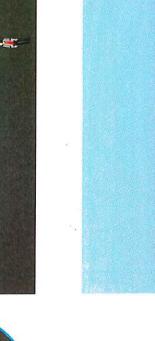




View 3-3D Model with person scale [4m]



View 3-3D Model (Viewing height 1.8m)



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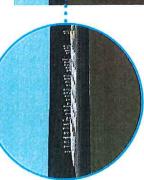
View 4- Site Photograph (Viewing height 1.8m)



View 4-3D Model with person scale [4m]

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View 4-3D Model (Viewing height 1.8m)



The site will be highly visible from this viewpoint due to the prox-imity to the site, within the middleground views, and the terrain sloping towards the site, with the site located on the rise beyond

the creekline.

Visual analysis:

ground level.

The cleared area, access tracks, power transmission lines, tow-ers, mirror arrays and all site infrastructure will be viewed from this location, providing a high contrast, and mitigation strategies

should be employed to reduce the visual impact for the residen-

fial receptor.

New power lines will have a low impact as they are aligned east

Vegetation at the viewing point (not modelled) will likely amelio-

rate views at ground level.

Visual Sensitivity:

Medium

Towers do not enter the skyline.

west.

The view is dominated by the texture of the surrounding vegeta-tion and is partially obstructed by vegetation when viewed from

Typical view point for residents of the large lot residential areas, the viewport on the model is at 4m to simulate views from a sec-

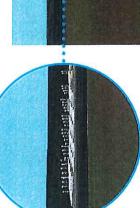
Location: Beagle Road (cul-de-sac)

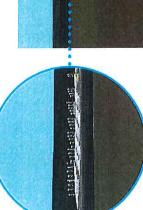
View -4

Distance from site: 2200m

Description:

ond storey.







Visual Impact Significance:

Landscape Impact:

Moderate

Moderate Significance



View -5

Location: Western boundary of Lot 10792

Distance from site: 2000m

Description:

Typical view point at the boundary of Lot 10792, the viewer fre-quency is low with access by 4WD and foot.

The view is dominated by the texture of the surrounding vegeta-tion and is partially obstructed by vegetation within the site line at the top of the ridge.

Visual analysis:

The site will be visible from this viewpoint due to the proximity to the site, within the middleground views, and the terrain sloping towards the site, with the site located on the rise beyond the creekline. The cleared area, access tracks, power transmission lines, towers, mirror arrays and all site infrastructure will be viewed from this location, providing a medium contrast.

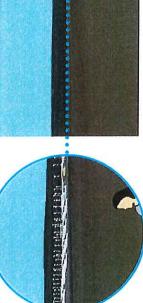
Towers do not enter the skyline.

Views are partially disrupted by existing vegetation within site lines, this will likely ameliorate or obstruct views at ground level.

Visual Sensitivity: Low Landscape Impact: Moderate Visual Impact Significance: Minor Significance



View 5-3D Model (Viewing height 1.8m)







View 5- Site Photograph (Viewing height 1.8m)

View 5-3D Model with person scale [1.8m]

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View -6

Location: Pelican Road (EcoFlora Estate)

Distance from site: 2900m

Description:

lypical view point from the residential area of EcoFlora. The road is closest to the site, and services the residential area only. The view is dominated by the foreground, with background tex-ture of the surrounding vegetation and the rocky ridgelines be-hind the site, however it is mostly obscured by site vegetation, and a ridgeline. Glimpses of the receptor towers, may be possible.

Visual analysis:

The site will not be visible from this viewpoint due to the terrain and existing vegetation within the sightlines at ground level.

Glimpses of the receptor towers, may be possible, however they do not enter the skyline and will not have a large impact.

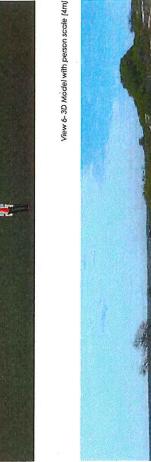
rey buildings, however this will potentially be screened, or at the least ameliorated by site vegetation. The site falls away from the view point as the viewer moves away from the site so potential Potential viewing of the site would be possible from second stoviews will diminish.

Visual Sensitivity: Medium Landscape Impact: Negligible Visual Impact Significance: Negligible Significance.



View 6-3D Model (Viewing height 1.8m)





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View 6- Site Photograph (Viewing height 1.8m)



View -7

Location: George Grey Drive (2km south of Kalbarri)

Distance from site: 3900m

Description:

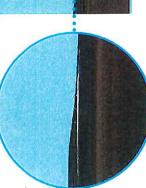
Typical view point for vehicles travelling down main road into and out of Kalbami, just north of Witikarra Creek. The view is dominated by the texture of the surrounding vegetation and the ridgelines in front of, and behind the site.

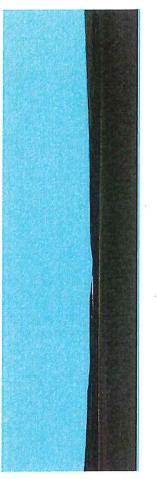
Visual analysis:

The site will be just visible from this viewpoint due to the Wittecarra creek valley. The towers will be just visible from this location, the model shows the towers entering the skyline, however this due to the extent of the model, higher ground behind the extent of the model, and the distance from the site, should minimise or negate this.

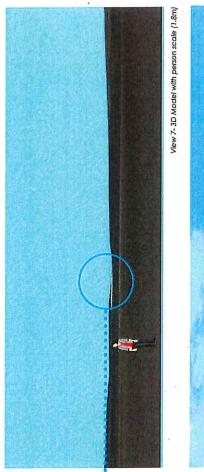
The site infrastructure will not be distinguishable from this distance due to vegetation within the sightline. Views are partially obscured by existing roadside vegetation, and the views will be glimpses and short term views.

Visual Sensitivity: Low Landscape Impact: Small Visual Impact Significance: Negligible Significance





View 7-3D Model (Viewing height 1.8m)



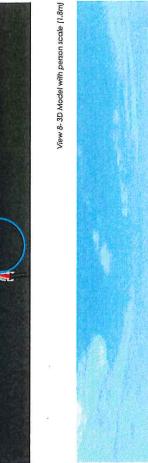


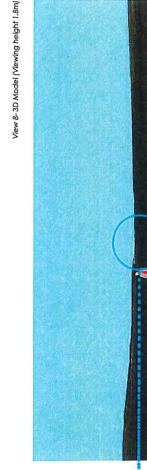
View 7- Site Photograph (Viewing height 1.8m)

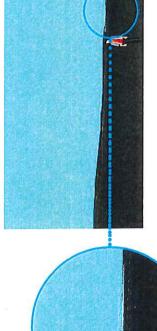
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View 8- Site Photograph (Viewing height 1.8m)











View -8

Location: George Grey Drive (800m south of Kalbarri)

Distance from site: 4500m

Description:

Typical view point for vehicles travelling down main road into and out of Kalbarri, 800m south of Kalbarri.

The view is dominated by the texture of the surrounding vegeta-tion and the rocky ridgelines in front of, and behind the site.

Visual analysis:

the towers entering the skyline, however this due to the extent of the model, higher ground behind the extent of the model, and the distance from the site, should minimise or negate this. The towers will be just visible from this location, the model shows

The site infrastructure will not be distinguishable from this distance due to vegetation within the sightline. Views are partially disrupted by existing roadside vegetation, and the views will be glimpses and short term views.

Visual Sensitivity: Low Landscape Impact: Small

Visual Impact Significance: Negligible Significance





View -9

Location: George Grey Drive (Edge of Kalbarri)

Distance from site: 5000m

Description:

Typical view point for vehicles travelling down main road into and out of Kalbarri, at the edge of the Kalbarri residential area.

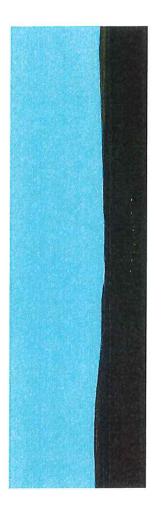
The view is dominated by the texture of the surrounding vegeta-tion and the ridgelines in front of, and behind the site.

Visual analysis:

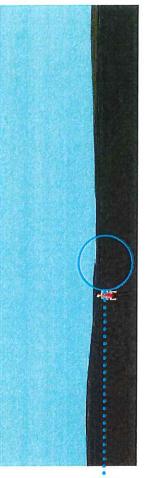
The towers will be just visible from this location, the model shows the towers entering the skyline, however this due to the extent of the model, higher ground behind the extent of the model, and the distance from the site, should minimise or negate this.

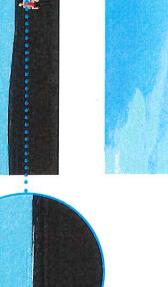
The site infrastructure will not be distinguishable from this distance due to vegetation within the sightline. Views are partially disrupted by existing roadside vegetation, and the views will be glimpses and short term views.

Visual Sensitivity: Low Landscape Impact: Small Visual Impact Significance: Negligible Significance



View 9-3D Model (Viewing height 1.8m)





View 9-3D Model with person scale [1.8m]

View 9- Site Photograph (Viewing height 1.8m)





Location: Nanda Drive (Edge of Kalbarri)

Distance from site: 4800m

Typical view point for residences at the southern edge of the Kal-barn townsite. Description:

The view is dominated by the texture of the surrounding vegeta-tion and the ridgelines in front of, and behind the site.

the towers entering the skyline, however this due to the extent of the model, higher ground behind the extent of the model, and the distance from the site, should minimise or negate this. Visual analysis: The towers will be just visible from this location, the model shows

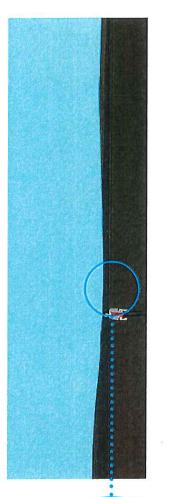
due to vegetation within the sightline and the distance of the The site infrastructure will not be distinguishable from this distance viewer.

Views are partially disrupted by existing roadside vegetation.

Visual Sensitivity: Medium Landscape Impact: Negligible Visual Impact Significance: Negligible Significance



View 10-3D Model (Viewing height 1.8m)





View 10-3D Model with person scale (1.8m)

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View 10-Site Photograph (Viewing height 2.8m)



View -17

Location: Kalbarri National Park (accessed via foot)

Distance from site: 600m

Description:

Typical view point for people within the Kalbarri National Park to the south and east of the site. The viewing area is located in a low use area of the National Park with controlled vehicle access, and accessible only by foot.

The view is dominated by the texture of the surrounding vegeta-tion and the rocky ridgelines, and the residential developments behind the site.

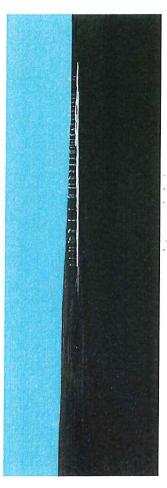
Visual analysis:

The site will be highly visible from this viewpoint due to the close proximity to the site, within the foreground and middleground views, and the terrain sloping towards the site. Existing site vege-tation will partially obscure low level elements of the project.

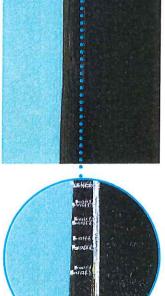
mirror arrays and all site infrastructure will be viewed from this location, providing a high contrast, and mitigation strategies should The cleared area, access tracks, power transmission lines, towers, be employed to reduce the visual impact.

Visual Sensitivity: Medium Landscape Impact: Moderate

Moderate Significance (with low receptor regularity) Visual Impact Significance:



View 11-3D Model (Viewing height 1.8m)





View 11-3D Madel with person scale [1.8m]



View 11-Site Photograph (Viewing height 1.8m)

Cumulative impacts are structures that are located close to or within the site that have Cumulative impacts their own visual impact. 4.4

where their visual impact is lower. The existing power lines are not visible in any of the photos taken for the viewpoint assessment, excepting view 2 where residential power The power lines that run through the site are considered to be a cumulative visual impact, however these are located within the lower points of the site adjacent to the creekline, lines are located. The existing power lines are not considered to cumulate the visual impact of the development considerably.

4.5

Generally the development is considered to have a low visual impact, due to the site of receptors being short term and long distant views. Higher visual impacts will be associated with the residential areas to the west of the site, however the number of residences being located in a low point with ridges to the east and west of the site, with the majority Summary of Visual Impacts is low, approx 18 residential lots, of which 10 have been developed.

ing assessed as having negligible to minor visual impact, and four areas being assessed Visual impacts for the development range from negligible to moderate, with 7 areas beas moderate visual impact. Areas where there is a moderate visual impact from the development are associated with;

- Foreground views;
- Middleground views in close proximity to the site; and
- Views from the adjacent residential area (Explorer Ave & Beagle Rd).

Views with a moderate rating have low to Very low receptor numbers.

barely visible, due to short viewing times and roadside vegetation ameliorating these Views from George Grey Drive will have a negligible visual impact with the site being views. It is considered that a significant visual impact will be the contrast between the cleared site finish and the surrounding remnant vegetation. Mitigation strategies should further reduce the visual contrast and impact of the development over time.

	Visu	Visual Impact Summary	
View	Location	Commentry	Significance of Visual Impact
VIEW 1	Stiles Road (unsealed)	Low receptor numbers	Moderate
VIEW 2	Stiles Road intersection with Beagle Low receptor numbers and short Road term views	Low receptor numbers and short term views	Minor
VIEW 3	Explorer Avenue	Requires Mitigation	Moderate
VIEW 4	Beagle Road (cul-de-sac)	Requires Mitigation	Moderate
VIEW 5	Western boundary of Lot 10792	Unlikely to be viewed, low receptor numbers	Minor
VIEW 6	Pelican Road (EcoFlora Estate)	Site unlikely to be visible	Negligible
VIEW 7	George Grey Drive (2km south of Kalbarri)	Long distant views site hardly visible	Negligible 💊
VIEW 8	George Grey Drive (800m south of Kalbarri)	Long distant views site hardly visible	Negligible
VIEW 9	George Grey Drive (Edge of Kalbarri)	Long distant views site hardly visible	Negligible
VIEW 10	Nanda Drive (Edge of Kalbarri)	Long distance views site unlikely to be visible	Negligible

Table 2 - Visual Impact Summary

Moderate

Kalbarri National Park (accessed via Very low receptor numbers

foot)

VIEW 11

Visual Impact Assessment -Revision B Mar 2017

Table 3 -Impact Mitigation Summary

Infrastructure Impact Mittigration 1 Clearing for Access Tracks Revegetate all cleared areas not required for access with organic multiple 2 Clearing for Access Tracks Revegetate all cleared areas not required for access mather begibt of 3m 3 Clearing for Power Lines Mulch all bare areas with organic mulch 3 Clearing for Power Lines Mulch all bare areas with organic mulch 3 Clearing for Solar Infrastructure Mulch all bare areas with organic mulch 3 Clearing for Solar Infrastructure Mulch all bare areas with organic mulch 3 Clearing for Solar Infrastructure Mulch all bare areas a sound infrastructure with surrounding 4 Power Lines Revegetate all cleared areas its vegatation restabilish at maintenance 5 Solar Mirrors Mulch all cleared areas a sound infrastructure with increasing and match elegit of 3m 6 Solar Mirrors Mulch all cleared areas a sound infrastructure with increasing and match elegit of 3m 7 Cooling Units Evergetate with species consistent with surrounding with all cleared areas a sound infrastructure with increasing and and crease a sound infrastr			Visual Mitigation Summary
Clearing for Access Tracks Clearing for Power Lines Clearing for Solar Infrastructure Clearing for Solar Infrastructure Power Lines Solar Mirrors Solar Mirrors Solar Mirrors Solar Infrastructure Cooling Units Solar Nater Tank Do O Doerations Building D D D D D D D D D D D D D D D D D D D			Impact Mittigation
Clearing for Power Lines Clearing for Solar Infrastructure Power Lines Solar Mirrors Solar Mirrors Solar Receiving Towers Cooling Units Coolin	H	Clearing for Access Tracks	Revegetate all cleared areas not required for access Revegetate with species consitent with surrounding vegetation
Clearing for Power Lines Clearing for Solar Infrastructure Clearing for Solar Infrastructure Power Lines Solar Mirrors Solar Mirrors Solar Receiving Towers Cooling Units			with a mature height of 3m Mulch all bare areas with organic mulch
Clearing for Solar Infrastructure	5	Clearing for Power Lines	Revegetate all cleared areas not required for access and maintenance
Clearing for Solar Infrastructure Clearing for Solar Infrastructure Solar Mirrors Solar Mirrors Solar Receiving Towers Solar Receiving To			Revegetate with species consitent with surrounding vegetation with a mature height of 3m
Clearing for Solar Infrastructure Power Lines Solar Mirrors Solar Mirrors Solar Mirrors Solar Receiving Towers Image: Solar Mirrors Solar Receiving Towers Image: Solar Mirrors Image: Solar Mirrors Solar Receiving Towers Image: Solar Mirrors Image: Solar Mirrors <td></td> <td></td> <td>Mulch all bare areas with organic mulch</td>			Mulch all bare areas with organic mulch
Power Lines Power Lines Solar Mirrors Solar Receiving Towers Solar Receiving Towers Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Solar Receiving Towers Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Cooling Units Solar Additing	m	Clearing for Solar Infrastructure	Mulch low fuel zone with inorganic mulch dark in colour to
Power Lines Solar Mirrors Solar Mirrors Solar Receiving Towers Cooling Units Cooling Units Cooling Units Cooling Units Derations Building 1 Parking 2 Fencing			Revegetate all cleared areas not required for access and
Power Lines Solar Mirrors Solar Mirrors Solar Receiving Towers Cooling Units Water Tank D O O D Parking 2 Fencing			maintenance outside of the site
Power Lines Solar Mirrors Solar Mirrors Solar Receiving Towers Cooling Units Water Tank Water Tank D			Revegetate with species consitent with surrounding vegetation with a mature height of 3m
Power Lines Solar Mirrors Solar Mirrors Solar Receiving Towers Cooling Units Water Tank Units D O D <td< td=""><td></td><td>ð</td><td>Mulch all bare areas around infrastructure with inorganic mulch</td></td<>		ð	Mulch all bare areas around infrastructure with inorganic mulch
Power Lines Power Lines Solar Mirrors Solar Receiving Towers Cooling Units Water Tank Vater Tank D O O D Parking 1 Parking			dark in colour to reduce visual contrast
Power Lines Solar Mirrors Solar Receiving Towers Cooling Units Vater Tank Vater Tank D O O D Parking 1 Parking		8	Mulch all cleared areas, let vegetation restablish and slash
Power Lines Power Lines Solar Mirrors Solar Receiving Towers Cooling Units Cooling Units Nater Tank Transformer D O O O Derations Building 1 Parking			periodically to reduce fuel load and create a finish with a low visual contrast
Power Lines Solar Mirrors Solar Mirrors Solar Receiving Towers Cooling Units Water Tank Units D O O O O Derations Building 1 Parking			Provide planting on the western side of Lot 10792 to potentially
Power Lines Solar Mirrors Solar Receiving Towers Cooling Units Water Tank Units Units D O O O O D Parking			screen or disrupt views to infrastructure
Solar Mirrors Solar Receiving Towers Cooling Units Cooling Units U	4	Power Lines	Utilise timber posts to match existing
Solar Receiving Towers Solar Receiving Towers Cooling Units Water Tank Units Units Units Units Derations Building	S	Solar Mirrors	Paint mirror stands and base green to reduce contrast
Solar Receiving Towers Cooling Units Cooling Units Units Units Units Units Units Units Units Derations Building Derations Building			Mulch all bare areas around infrastructure with inorganic mulch
Cooling Units Cooling Units Water Tank Transformer D O Operations Building	Ľ	Solar Receiving Towers	dark in colour to reduce visual contrast Freetres toware have an one of the truthing
Cooling Units Cooling Units Transformer D Operations Building 1 Parking 2 Fencing	,	CIENCI SILICIES I DATE	Calact onen desimed resigner blocks if nossible
Cooling Units Cooling Units Transformer D Operations Building 1 Parking 2 Fencing		12	Petiett open uesigned retrever blocks it possible Paint to ensure a reduction in visual contrast
Cooling Units Cooling Units Transformer D Operations Building 1 Parking 2 Fencing		1/ (7	Mulch all bare areas around infrastructure with inorganic mulch
Cooling Units Water Tank Transformer D Operations Building 1 Parking 2 Fencing			dark in colour to reduce visual contrast
Water Tank Transformer D Operations Building 1 Parking 2 Fencing	2	Cooling Units	Paint Cooling towers green to reduce visual contrast
Water Tank Transformer D Operations Building 1 Parking 2 Fencing			Mulch all bare areas around infrastructure with inorganic mulch
Transformer D Operations Building 1 Parking 2 Fencing	~	Water Tapk	Valent green colour to reduce visual contrast Select green colourbond to reduce visual contrast
Transformer D Operations Building Parking Fencing			Mulch all bare areas around infrastructure with inorganic mulch
Transformer D Operations Building 1 Parking 2 Fencing			dark in colour to reduce visual contrast
Operations Building Parking Fencing	6	Transformer	Paint transformer green to reduce visual contrast
Operations Building Parking Fencing			Mulch all bare areas around infrastructure with inorganic mulch
Parking Fencing	97	Operations Building	uark in corour to reduce visual contrast Design buildings with flat or skillion roof rather than pitched
Parking Fencing			roof
Parking Fencing			Select green colourbond to reduce visual contrast
Parking Fencing			Mulch all bare areas around intrastructure with inorganic mulch dark in colour to reduce visual contrast
Fencing	Ħ	Parking	Ensure hard stand constructed of a dark coloured roadbase
Fencing		16 cc	material to reduce its visual impact
Fencing	ð	÷	Provide organic or inorganic to edges of carpark.
Fencing	ţ		Revegetate around carpark
Consider the use of black PVC co	ł	Fencing	Insure that fence is constructed from open mesh material to reduce its visual impact.
			Consider the use of black PVC coated mesh.

Impact Mitigation

LO.

Strategies have been developed to mitigate the visual impact of the development, particularly for areas with moderate visual significance (residential areas of Explorer Avenue and Beagle Road).

Mitigation strategies include the following principles;

- Tree planting for the amelioration of views (between development and residential areas);
 - Selection of structure form to be open to reduce visual impact where possible;
 - Selection of structure form to be low and reduce visual impact;
- Selection of colours and finishes for structures to reduce visual contrast;
 - Provision of surface treatments to reduce visual contrast; and
 - Revegatation of all cleared areas not required for access.

It is considered that a significant visual impact will be the contrast between the cleared site finish and the surrounding remnant vegetation, mitigation strategies have been designed to reduce the visual contrast of the development.

5.1 The above mitigation strategies have been summarised, relating to each infrastructure

The above mitigation strategies have been summarised, relating to each infrastructure item, for inclusion within the development, see adjacent Table 3 -Impact Mitigation summary.

58

Appendices

Western Australian Planning Commission -Visual Landscape Planning Methods (2007).

ý.

Landscape Institute and the Institute of Environmental Management and Assessment-Guidelines for Landscape and Visual Impact Assessment (2002).

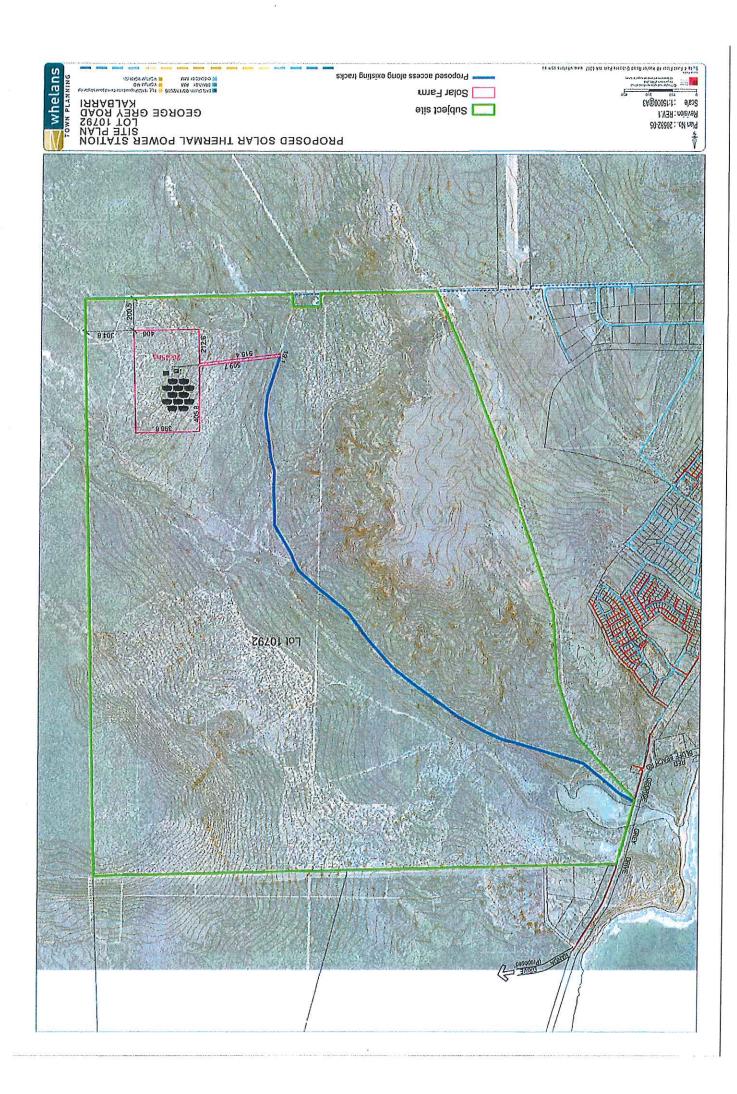
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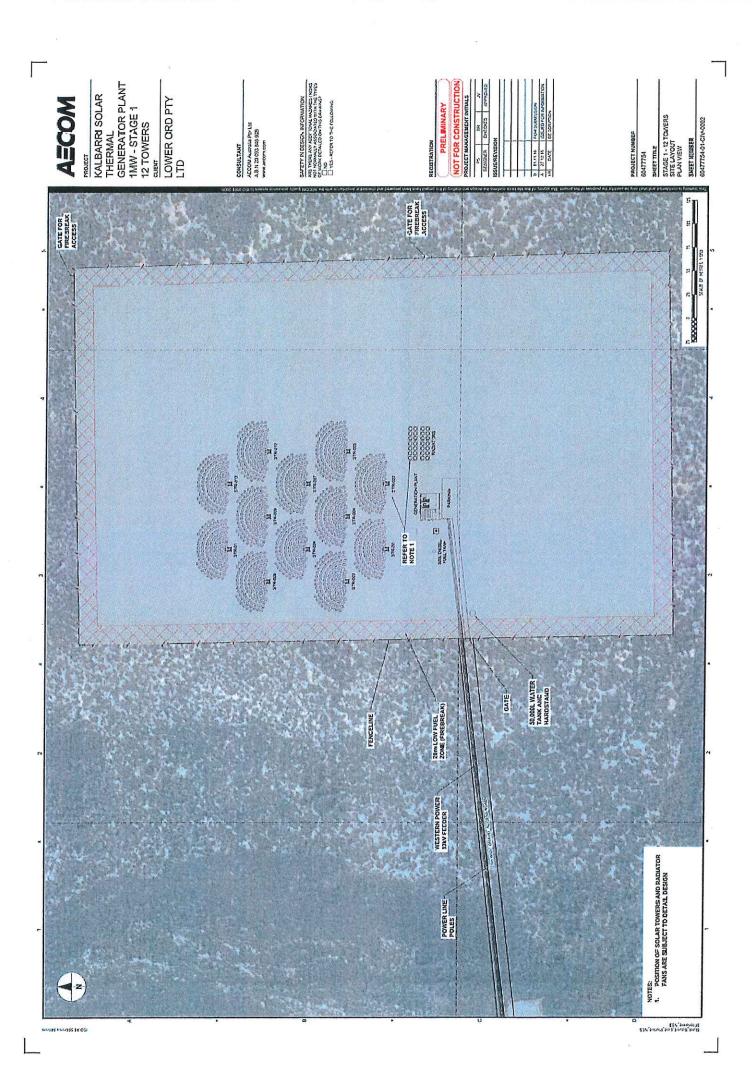
References

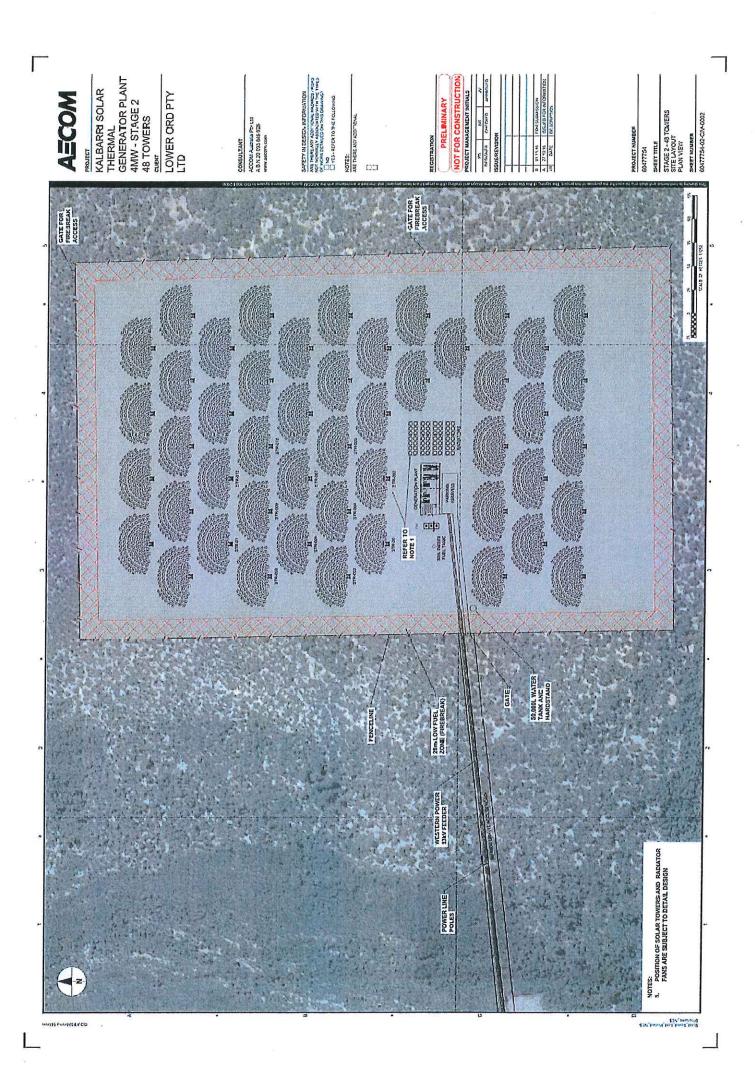
Appendix 1 -Site Plan

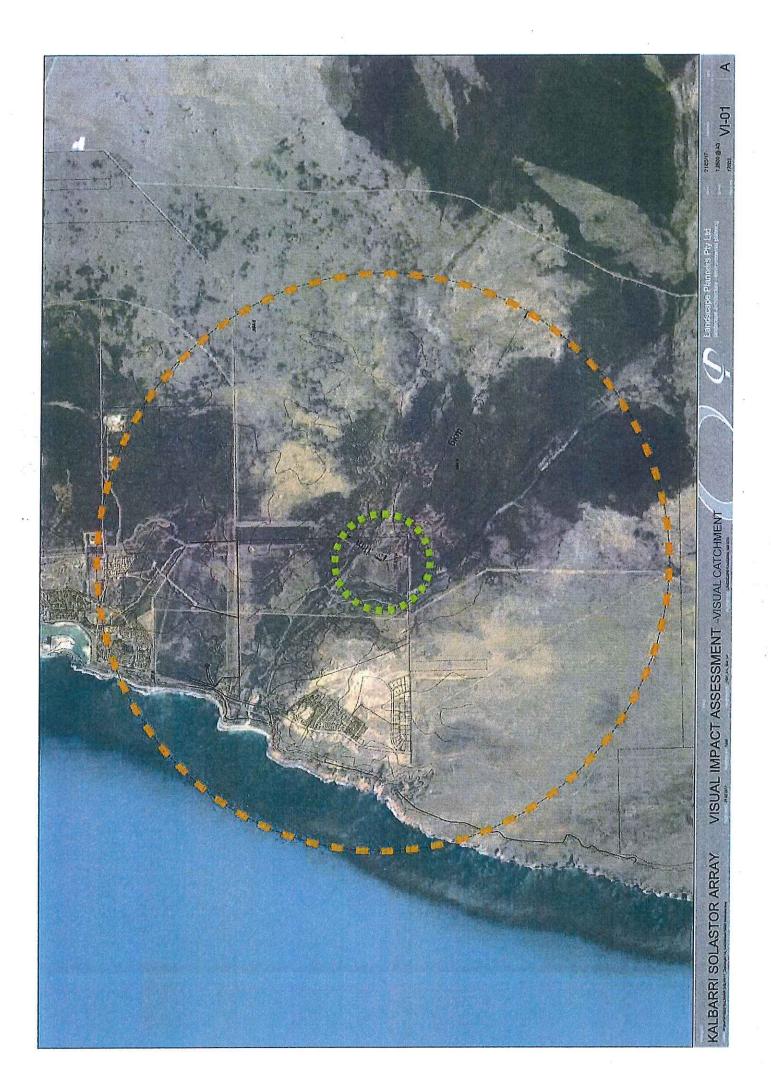
Appendix 2 -Site Plan Detail -Stage 1 Appendix 3 -Site Plan Detail -Stage 2 Appendix 4 -Visual Catchment Plan

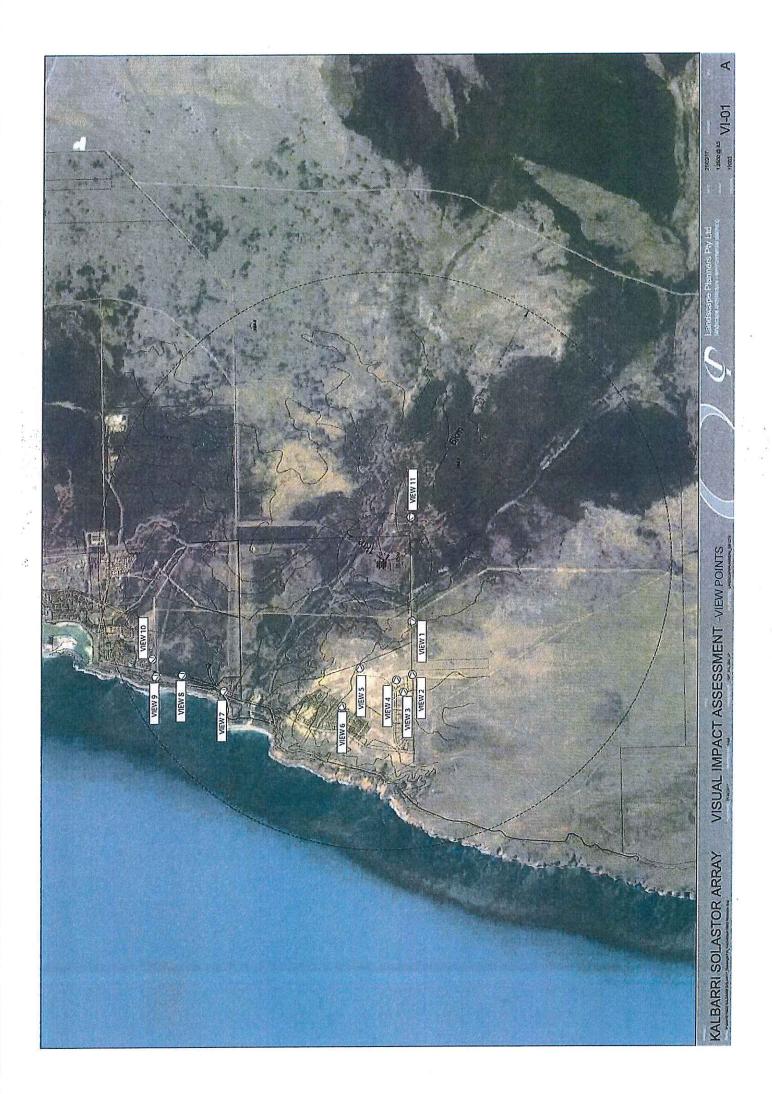
Appendix 5 -View Points Plan







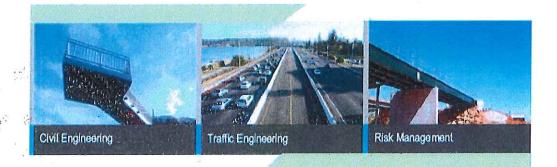




Appendix 6. Traffic Impact Assessment for Construction;



CONSULTING CIVIL & TRAFFIC ENGINEERS, RISK MANAGERS.



Project:	Traffic Impact Statement Construction of Solar Thermal Power Station
6	Construction of Solar Thermal Power Station
	Lot 10792 George Grey Drive, Kalbarri
Client:	Shire of Northampton
Author:	Paul Nguyen
Date:	13 th March 2017
	•

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Document Status

Version No.	Author	Reviewed by	Date	Document status	Signature	Date
1	P Nguyen	R Needham	13/03/17	Shire & MRWA Review	79-	13/03/17
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1. INTRODUCTION

Tidal Energy Australia Pty Ltd (TEA) are proposing the construction of a Solar Thermal Power Station on Lot 10792 George Grey Road, Kalbarri. The Shire of Northampton have requested that a Traffic Impact Statement relating to the construction traffic is prepared in accordance with the WAPC guideline *Transport Impact Assessment Guidelines (August 2016)*. The Shire have also requested a dilapidation/condition survey of the road prior to and at the completion of the development and management solutions for any damage caused to the road network by transport vehicles accessing the site.

1.1. Location

The site address is Lot 10792 George Grey Road, Kalbarri approximately 5km south of the Kalbarri Centre. The power station will be located in the south east corner of the site as illustrated in **Figure 1**.



Figure 1 - Site Location



2. TRAFFIC IMPACT STATEMENT

2.1. Existing Road Network

2.1.1. Roads

George Grey Drive in the vicinity of the site is a rural undivided two lane road. Under the Main Roads Western Australia (MRWA) *Road Hierarchy Criteria*, George Grey Drive is classified as a Primary Distributor to the south of Stiles Road and a Regional Distributor to the north of Stiles Road. The speed limit is 80km/h from the Kalbarri Centre to approximately 1km south of Stiles Road where the speed limit increases to 110km/h. George Grey Drive to the north of Stiles Road is under the control of the Shire of Northampton and the extent of George Grey Drive south of Stiles Roads is under the control of MRWA. The latest traffic data obtained from MRWA indicates that the existing average daily traffic flow along George Grey Drive in the vicinity of Stiles Road is about 450 vehicles per day (vpd) with heavy vehicle percentage of 11.7%.

Stiles Road is a two lane local access road under the control of the Shire with a 50km/h speed limit. Stiles Road between George Grey Drive and Explorer Avenue is kerbed and has a central median. To the east of Explorer Avenue, Stiles Road is unkerbed road with a narrow gravel shoulder on the south side and a much wider gravel shoulder on the north side. Based on the current level of development in the area, the daily traffic flow along Stiles Road is expected to be minimal and has been estimated to be less than 200 vpd.

The sealed extent of Stiles Road finishes just beyond the intersection with Beagle Road, approximately 1.6km east of George Grey Drive. To the east of Beagle Road and towards the site is a pair of private unsealed roads/tracks. The north track belongs to the landowner to the north and the south track belongs to the Kalbarri National Park.

2.1.2. Intersections

George Grey Drive / Stiles Road

This is a T-intersection with a left-turn pocket from George Grey Drive onto Stiles Road and a basic right turn (BAR) treatment on George Gray Drive (localised widening of the pavement to accommodate right turns). There is also pavement widening around the corners to accommodate the swept path of larger vehicles.

Stiles Road / Explorer Avenue (west intersection)

This is a single lane roundabout with splitter islands on the approaches.

Stiles Road / Explorer Avenue (east intersection) and Stiles Road / Beagle Road

These are T-intersections operating under priority control.

The road network leading to the site is summarised in Figure 2.





Figure 2 - Road Network Summary

2.2. Proposed Construction Traffic

The construction phase is estimated to last about three months. Construction traffic is proposed to access the site via Stiles Roads travel to and from the site from the south along George Grey Drive. TEA have obtained permission from the Kalbarri National Park to use the private track between the existing extent of Stiles Road and the site. Construction will operate six days a week between Monday and Saturday (occasionally on Sundays) between 7 am and 7 pm. The overall construction traffic is estimated to comprise the following vehicles and frequencies:

- prime mover and 35 tonne low loader to transport engines 1 time only
- crane to lift and place engines 1 time only
- front end loader 1 time only
- 7-8 metre (approx.) trucks to transport shed and mirrors 5 per week



light vehicles (workers) per day - 10 per day maximum

2.3. Transport Impact

2.3.1. Capacity

Based on the estimated construction traffic details, the average daily traffic generated by the site during the construction phase is in the order of 2 truck trips and approximately 20 light vehicle trips. Considering the low existing traffic flows on the road network, there is more than adequate capacity on the road network to carry to estimated construction traffic.

2.3.2. Intersections

The majority of the construction fleet are 'as of right' vehicles which can easily pass through both of the George Grey Drive / Stiles Road intersection and the roundabout along Stiles Road,

The largest of the construction fleet will be the prime mover and low loader trailer combination used to transport engine and generator to the site as a one-off event (one trip to the site and one trip from the site). The engine and generator is 7 metres long and 2.3 metres wide.

For the single trip to the site, it is proposed to use the south lane of Stiles Road between George Grey Drive and Explorer Avenue as there is less deflection through the roundabout and the truck will be able to pass through with no impact on the kerbing and medians. An AutoTrack assessment using a 19 metre semi-trailer and prime mover, which is longer than the proposed transport vehicle, was carried out for the two intersections. The vehicle swept paths as shown in **Figure 3** indicate that this larger vehicle can manoeuver through the intersection without mounting the kerbs and therefore the proposed transport vehicle should be able to do the same.

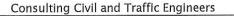




Figure 3 - Potentially Affected Kerbing (shown in red)

A traffic management plan will be produced and implemented for this trip to ensure minimal disruption to any through traffic.

The upgrading of the intersections to accommodate the full swept path of this vehicle is considered to be excessive for a one-off vehicle movement during construction and it would be more feasible to adopt the proposed contraflow arrangement for this trip. Any kerbing or pavement damaged by the construction traffic will be rectified by the proponent after the completion of construction. The existing condition of the pavement and kerbing is detailed in Section 3 of this report.





3. ROAD CONDITION SURVEY

The Shire has requested a dilapidation survey prior to the completion of development to determine the current condition of the road network. A subsequent survey will be conducted after completion of the development to identify any damage resulting from the construction traffic.

A preliminary site survey was conducted in January 2017 and then a more comprehensive follow up survey was conducted in February 2017. A summary of the defects is provided in **Appendix A** and the full set of photos taken during the surveys will be submitted along with this construction management plan.

In general, the pavement appears to be in reasonable condition with the main defects being damaged/shifting kerbs, breakage along the edges of the pavement and some longitudinal and transverse cracks in the pavement.



4. CONCLUSIONS AND RECOMMENDATIONS

The Shire of Northampton have requested that a Traffic Impact Statement and road condition survey was undertaken for the construction of a proposed solar thermal power station on Lot 10792 George Grey Drive in Kalbarri. The assessment has resulted in the following conclusions and recommendations:

- The volume of construction traffic will be minimal (22 vehicle trips per day including 2 truck movements).
 The existing volume of traffic on the route to the site is very low and has adequate capacity to carry the construction traffic.
- As the largest vehicle in the construction fleet (prime mover towing a 35 ton low loader trailer) will only
 be making one trip to and from the site, the upgrading of the George Grey Drive / Stiles Road intersection
 and the roundabout intersection on Stiles Road to accommodate the vehicle swept path would be
 excessive. It is proposed to allow these vehicles to use the south lane of Stiles Road to access the site
 which would minimise any impact on the kerbing and to simply repair any damage to the kerbing and
 pavement, if any, after completion of construction. A traffic management plan will be created to coordinate
 this event.
- A review of the current condition of Stiles Road identified some kerb damage (cracks, plants and shifting kerbs) and pavement damage (edge breaks, longitudinal cracks and transverse cracks). The condition of the pavement will be surveyed again at the completion of construction to identify any additional damage caused by the construction vehicles (if any) and appropriate remedial measures will be recommended and implemented.



APPENDIX A - ROAD CONDITION SURVEY









Hayley Williams

From:	HUSTON Isabel (PO) <isabel.huston@mainroads.wa.gov.au></isabel.huston@mainroads.wa.gov.au>
Sent:	Tuesday, 14 March 2017 3:47 PM
To:	'Paul Nguyen'
Cc:	Hayley Williams
Subject:	Additional Comments Kalbarri Solar Thermal Power Station - Construction Transport
52 52	Impact Assessment

Hi Paul,

Further to my email today, Main Roads Heavy Vehicle Services (HVS) requires the following additional information:

- Height and mass over each axle group of the prime mover and low loader trailer combination
- Are each trailer classified as a B-class vehicle
- 024 license conditions for the front end loader and crane

This information will inform Main Roads HVS determination whether an Over-mass Permit is required. For any HVS enquires please give Peter Lewis a call on 9475 8464.

Once all this information is provided and the TIS is updated, Main Roads we shall provide further comments.

Kind regards,

Isabel Huston PLANNING OFFICER Mid West-Gascoyne Region Central and Northern Regions p: +61 08 9956 1238 e: isabel.huston@mainroads.wa.gov.au w: www.mainroads.wa.gov.au



From: HUSTON Isabel (PO) [mailto:isabel.huston@mainroads.wa.gov.au]
Sent: Tuesday, 14 March 2017 1:57 PM
To: 'Paul Nguyen'; SALT Mark (NM); WILLSON Mark (Con)
Cc: planner@northampton.wa.gov.au
Subject: RE: Kalbarri Solar Thermal Power Station - Construction Transport Impact Assessment

Hi Paul,

The Traffic Impact Statement (TIS) Figure 3 indicates the 19m semi-trailer and prime mover vehicle swept path for right-in turning movement at George Grey Drive/Stiles Road intersection proposing to use the south lane of Stiles Road between George Grey Drive and Explorer Avenue. However the TIS Figure 2 does not indicate the vehicle swept path for left-out turning movement at George Grey Drive/Stiles Road intersection, can you please confirm the following and any necessary upgrades for this turning movement?

Also can the Shire of Northampton or the applicant please confirm whether permanent access to the site after the construction phase of the development will be via Stiles Road or the existing crossover north of George Grey Drive/Red Bluff Beach Road?

Hayley Williams

From: Sent:	HUSTON Isabel (PO) <isabel.huston@mainroads.wa.gov.au> Tuesday, 14 March 2017 1:57 PM</isabel.huston@mainroads.wa.gov.au>
То:	Paul Nguyen; SALT Mark (NM); WILLSON Mark (Con)
Cc:	Hayley Williams
Subject:	RE: Kalbarri Solar Thermal Power Station - Construction Transport Impact Assessment

Hi Paul,

The Traffic Impact Statement (TIS) Figure 3 indicates the 19m semi-trailer and prime mover vehicle swept path for right-in turning movement at George Grey Drive/Stiles Road intersection proposing to use the south lane of Stiles Road between George Grey Drive and Explorer Avenue. However the TIS Figure 2 does not indicate the vehicle swept path for left-out turning movement at George Grey Drive/Stiles Road intersection, can you please confirm the following and any necessary upgrades for this turning movement?

Also can the Shire of Northampton or the applicant please confirm whether permanent access to the site after the construction phase of the development will be via Stiles Road or the existing crossover north of George Grey Drive/Red Bluff Beach Road?

Answers to these queries should be updated & confirmed in the TIS for the development application.

Kind regards,

Isabel Huston PLANNING OFFICER Mid West-Gascoyne Region Central and Northern Regions p: +61 08 9956 1238 e: isabel.huston@mainroads.wa.gov.au w: www.mainroads.wa.gov.au



From: Paul Nguyen [mailto:pnguyen@shawmac.com.au]
Sent: Tuesday, 14 March 2017 9:22 AM
To: SALT Mark (NM); WILLSON Mark (Con); HUSTON Isabel (PO)
Cc: 'Brian Rourke'; 'Melinda Marshall'; kathryn@waplanning.com.au
Subject: Kalbarri Solar Thermal Power Station - Construction Transport Impact Assessment

Hi All,

As requested by the Shire of Northampton, we have prepared a Traffic Impact Statement and Road Condition Survey (Stiles Road) relating to the construction of the solar thermal power station in Kalbarri.

The proposed access will be via Stiles Road to and from the south along George Grey Drive which is under the control of Main Roads WA and therefore we are seeking comment from Main Roads WA on the assessment.

The photos relating to the Road Condition Survey can be accessed via the Dropbox link below: https://www.dropbox.com/sh/y4n222qdqpuf7vk/AAC-IXQqLToi_R7STyulauCwa?dl=0

Please feel free to contact me on the details below with any queries.

Appendix 7. Additional information concerning heat, reflection and glare concerns



AECOM

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Australla	
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tel

A4151 HW L10792GED

10.6.1.3

Memorandum

Melinda Marshall	Page	1
Brian Rourke		
Impact in relation to parabolic mirrors	Y	
Linda Kirchner		
	Date	06-Apr-2017
	Brian Rourke Impact in relation to parabolic mirrors	Brian Rourke Impact in relation to parabolic mirrors Linda Kirchner

Further information relating to the impacts of the heat and reflection generated by the mirrors and their effect on the temperature of the air and surrounding area, weather impacts and nuisance to residents and motorists.

1.0 Design

The proposed design for the Kalbarri Solar Power facility is based on smaller scale modular systems. The Kalbarri Solar Project proposes to use an network of 48 towers that are 25 metres high and the mirrors focus the light and the heat is then conducted to a a graphite block which sits on top of the collector. The Kalbarri Solar design includes the following:

- An array of mirrors (heliostats) installed at ground level reflect and focus sunlight onto a series of 1 towers each supporting graphite blocks which collect the heat generated by the focused sunlight.
- The heat from the concentrated sunlight is stored in the graphite blocks. 2.
- Water is transferred within a closed loop system by pumping water through the graphite blocks in 3. order to transfer heat from the blocks to the water to generate steam.
- Steam is used in a steam generator in order to generate electricity. Steam that exits the generator 4 system is condensed to water to be used again as part of the steam/water cycle.

The mirrors are parabolic in shape with focal lengths of between 20 metres and 40 metres corresponding to the base of the Graphite block. The light and heat are absorbed by the graphite block. The light beam width 5 metres below the receiver block is 10 metres which narrows to 1 metre at the receiver block. The graphite block prevents upward light from passing beyond the block.

The mirrors are controlled to track their beam to base of the receiver. As the Sun moves the mirror is gradually rotated to keep the light focussed and to prevent light from passing beyond the block.



Figure 1 Kalbarri Solar Power design (credit: Western Power EOI)



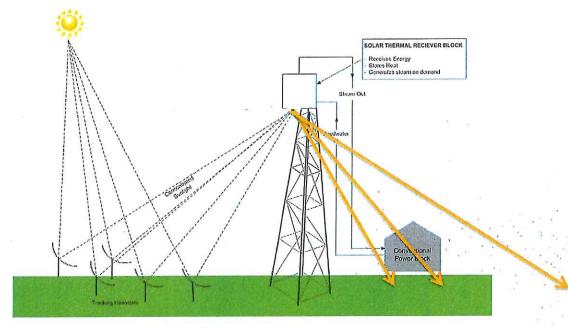
The design for Kalbarri is unlike traditional Power Tower style concentrated solar power (CSP) systems use a tower that is approximately 200 metres high. The sunlight is concentrated at the receiver placed at the top of the single tower and the resulting light can be seen from a great distance.



Figure 2 CSP design example (credit: Solar reserve)

2.0 Local heat and reflection impacts

As a result of the design of the system, light spill is managed as a result of having a horizontal collector and the laws of reflection would result in any light not absorbed by the collector being reflected downward as shown by the orange arrows in Figure 3.



Diagrammatic Solastor Solar Thermal System

Figure 3 Kalbarri Solar Power design (credit: Solastor) Vertical shields can be fitted to the rear of the collector to reduce horizontal stray light as shown in .





Figure 4 Kalbarri Solar Power design (credit: Reneweconomy)

In terms of heat, whilst the solar thermal receivers are heated to 900°C during operation, the system is insulated to reduce the radiation of heat into the environment as this would reduce the efficiency of the system. The exchange of heat from the graphite to the water to produce steam is also matched to thermal conductivity of graphite so that heat is continuously extracted from the outside of the block.

3.0 Nuisance to residents and motorists

As shown in Figure 3, the angle of the reflected light from the collector is the same as the angle in which it is incident upon the reflector in accordance with the Law of Reflection. As a result, any reflected light would shine onto the ground at a maximum distance from the tower to the furthest reflector for that tower. This means the light is not visible to motorists or people at a distance. Therefore the light spill is unlikely to be a nuisance to residents and passing motorists. Glare issues and nuisance to neighbours or motorists has not been observed in similar installations installed in Australia, Cyprus and China.

\lauper1fp001,au.aecomnet.com\projects\604x\60477754\6, draft docs\6.1 reports\da - additional information\memo impact in relation to parabolic mirrors kom.docx 3 of 4



12.5m

In the case of the Kalbarri Solar Project, 3D modelling was undertaken for the Visual Impact Assessment (Landscape Planners, 2017). 48 solar mirror arrangements, consisting of 1296 heliostat mirrors will be located within the proposed site. The visual impact of the mirrors is not considered to be high, due to low height (approximately 25 m), the visual contrast of the mirrors will be high, however reflection from the mirrors is not considered to be high as they are designed to track the sun and reflect the light to the receiving towers. The modelling also notes that the towers are only physically visible within one kilometre of the site.

4.0 Weather Impacts

Concentrating solar thermal technologies, including systems such as the one proposed for Kalbarri have not been associated with any changes to localised weather conditions. This includes large scale installations, such as the Solar Furnace (installed 1969) and Power Towers (installed 1980s). The European Commission published a research summary on the impacts of concentrating solar power on the local environment (2015) based on research by Wu et al (2014). The EU reported that there was potentially a small (<4°C) impact on temperatures attributed to changes to air movements and shading rather than from reflected light.

5.0 References

European Commission. (2015) "Science for Environment Policy": European Commission DG Environment News Alert Service, edited by SCU, The University of the West of England, Bristol. Available

http://ec.europa.eu/environment/integration/research/newsalert/pdf/environmental_impact_of_large_sc_ale_concentrated_solar_power_400na2_en.pdf

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Wu, Z., Hou, A., Chang, C., et al. (2014). Environmental impacts of large-scale CSP plants in northwestern China. Environmental Science Processes & Impacts, 16(10), 2432–41. DOI:10.1039/c4em00235k

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SHIRE OF NORTHAMPTON TOWN PLANNING REPORT – 21 APRIL 2017

6.3.2

PROPOSED FIREARM DEALER - LOT 239 (NO. 125) JOHN STREET, NORTHAMPTON

LOCATION: FILE REFERENCE: **APPLICANT:** OWNER: **DATE OF REPORT: REPORTING OFFICER: RESPONSIBLE OFFICER: APPENDICES:** 1. Letter from the Applicant 2. Summary of submissions – adjoining landowners

Lot 239 (No. 125) John Street, Northampton 10.8.1.3 / 125 JOH / A973 **Gary Dungate Gary Dungate** 10 April 2017 **Debbie Carson Hayley Williams**

AUTHORITY / DISCRETION:

Quasi-Judicial when Council determines an application within a clearly defined statutory framework, abiding by the principles of natural justice, acting only with discretion afforded it under law, and giving full consideration to Council policies and strategies relevant to the matter at hand. These decisions are reviewable by the State Administrative Tribunal.

SUMMARY:

Council is in receipt of a development application for the commencement of a Firearm Dealer's business upon Lot 239 (No. 125) John Street, Northampton. This report recommends that Council determine whether the proposed use meets the definition of a 'Shop', or alternatively is considered to be a 'Use Not Listed' under the Local Planning Scheme No. 10 (Northampton).

Should Council consider the use to meet the definition of a 'Shop', then it is recommended that the application be refused on the basis that a 'Shop' use is not permitted under the Scheme provisions.

Alternatively, should the proposal be considered by Council to not meet the definition of a 'Shop' and therefore the proposal be considered to be a 'Use Not Listed' under the Scheme, Council should determine whether the proposed use is considered to be consistent with the objectives of the 'General Rural' zone. If the proposal is not considered to be consistent with the objectives of the zone, or is considered that it would have an unacceptable negative impact upon adjoining landholdings, then it is recommended that the application for Development Approval be refused on this basis. However, should Council determine that the proposal is consistent with the 'General Rural' zone and is supported by Council, it is recommended that a 14-day advertising period be undertaken and the application either be approved under delegation (if there are no objections received during the advertising period), or referred back to Council for further consideration.



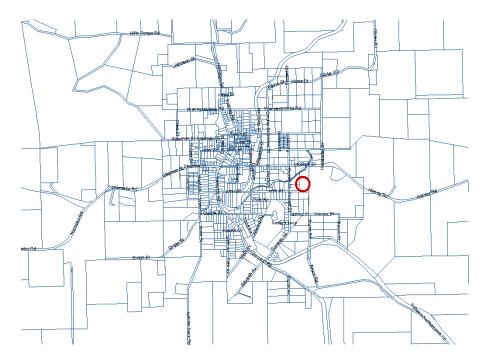


Figure 1: Location of subject property

Figure 2: Site plan of subject property





BACKGROUND:

An application for development approval has been received for a proposed Firearm Dealer's business to be conducted from the existing outbuilding upon Lot 239 (No. 125) John Street, Northampton. The subject lot comprises one outbuilding but no dwelling, and is located at the end of an unsealed cul-de-sac and within the perimeter boundaries of the designated Northampton townsite.

The applicant resides upon an adjacent landholding that is opposite to, and in full view, of the outbuilding upon Lot 239.

The applicant has discussed his proposal with the Northampton Police, who did not express any objection to the proposal when contacted by Shire staff. The applicant does not currently hold a Firearm Dealer's License, as it is a requirement from the Police Licensing Service for the applicant to first obtain the relevant local government planning approvals prior to issuance of a dealer's license. As a firearm dealer, the applicant would be authorised under the WA Police Firearm Dealer's License to:

- Deal in firearms on premises named in the license;
- Receive firearms for the purpose of dismantling them for parts;
- Arrange for the repair or service of firearms by someone else who holds a Firearm Repairer's License; and
- Permit any employees to have firearms in their possession, and to use such firearms for testing and demonstration purposes.

Legal advice has been sought for this application and this is discussed further in the comments section of the report.

The Proposal:

The applicant proposes to utilise the existing outbuilding located upon Lot 239 to conduct his business and hold firearms and ammunition for their sale and collection to licensed members of the public (refer to **Appendix 1**). The outbuilding is located within the southwestern corner of the lot in a visually prominent position, and has the following setbacks:

10.0m
6.0m
950m
139.0m



Lot Size	19,677m² (1.97ha)
Existing Development	Outbuilding only (no dwelling) upon General Rural zoned land
Access & Frontage	Access via John Street, near end of cul-de-sac, via gravel road
Services	Water and Power
Surrounding Land Uses	General Rural lots >1ha and Reserve (Golf Course)

In consideration of the application the following information is provided:

It is proposed that the interior of a section of the outbuilding will be reinforced with an internal double brick wall and safe door so as to create a stronghold for the storage of the firearms and ammunition. Within this stronghold will be a secure, lockable safe that meets the requirements of the Western Australian Police and Licensing division. The existing outbuilding windows will also be reinforced with 12mm reo bar, with all but one window also covered over with zincalume sheeting and unexposed from the outside of the outbuilding. A floor plan of the outbuilding and its layout has been provided to Council, however as security is an essential element of this proposal, this internal floor plan will not be made publicly available as an attachment to this agenda.

The sale of guns and ammunition through the proposed business will be by appointment only, and the business will not operate as per a typical retail outlet in that customers will not be able to come and go as they please during business hours to browse items for sale. Purchasing will be strictly by appointment only as per the following proposed trading hours:

- 8am to 5pm Monday to Friday, and
- 8am to 12 noon on Saturday.

It is understood that once a sale has been made, the applicant will then acquire the firearm from a licensed outlet in accordance with the handling processes as specified within the Firearm Dealer's License conditions, with the acquired firearm stock only being held upon the premises temporarily for collection purposes. A small amount of ammunition is expected to be held upon the lot on an ongoing basis for sale as ordered.

The applicant has also advised that he proposes to install additional lighting on-site as well as 16 security cameras and an alarm system to enhance the security of the site. The outbuilding is located within 60 metres of the applicant's residence, and is in full view from this residence.



COMMUNITY/ GOVERNMENT CONSULTATION:

Should Council determine to support to this proposal, the application would be required to be advertised in accordance with Section 64 of the *Planning and Development (Local Planning Schemes)* Regulations 2015 which states:

- "(1) An application for development approval must be advertised under this clause if the proposed development
 - (b) relates to a use if –
 - (i) the use is not specifically referred to in the zoning table for this Scheme in respect of the zone in which the development is located; and
 - (ii) the local government determines that the use may be consistent with the objective of that zone and that notice of the application should be given;
- (3) The local government may advertise, or require the applicant to advertise, an application for development approval in one or more of the following ways
 - (a) by giving notice of the proposed use or development to owners and occupiers of properties in the vicinity of the development who, in the opinion of the local government, are likely to be affected by the granting of development approval, including a statement that submissions may be made to the local government by a specified day being a day not less than 14 days from the day on which the notice is given to the person;
 - (b) by publishing a notice of the proposed use or development in a newspaper circulating in the Scheme area including a statement that submissions may be made to the local government by a specified day being a day not less than 14 days from the day on which the notice is published;
 - (c) by publishing a notice of the proposed use or development by electronic means in a form approved by the local government CEO including a statement that submissions may be made to the local government by a specified day being a day not less than 14 days from the day on which the notice is published;
 - (d) be erecting a sign or signs in a conspicuous place on the land the subject of the application giving notice of the proposed use or development for a period not less than 14 days from the day on which the sign is erected including on each sign a statement that submissions may be made to the



local government by a specified day being a day not less than 14 days from the day on which the sign is erected."

In accordance with provision 3 (a), the landowner has sought adjoining landowner consent, and has included with his application five submissions of support from the five adjoining landowners to his property, provided in summary as **Appendix 2**. It is considered that the display of a sign upon the applicant's land for a period of fourteen (14) days would be an appropriate additional advertising measure to these adjoining landowners' consent, subject to Council support of the proposal.

The application has not been referred to other governmental agencies, however the Western Australian Police will undertake its own independent assessment to consider the Firearm Dealer proposal and application, and issue final approval to, or reject, the license application.

FINANCIAL & BUDGET IMPLICATIONS:

Legal advice has been sought with regard to whether the proposal could be considered to fall under a 'Home Business' use class, with the legal advice also providing additional information relating to the legal interpretation of the definition of 'retail' and 'sales to the public'. An estimate of cost for this legal advice was \$1,500 to \$2,000 and which was accommodated under the 2016/2017 budgetary provisions for Town Planning legal expenses.

Further financial implication might be incurred should Council refuse this application and the applicant proceed to exercise their right of appeal, in which case costs are likely to be imposed on the Shire through its involvement in the appeal process.

STATUTORY IMPLICATIONS:

- State: Planning and Development Act 2005
- Local: Shire of Northampton Local Planning Scheme No. 10 Northampton

Shire of Northampton Local Planning Scheme No. 10 - Northampton

The land is zoned 'General Rural' under Local Planning Scheme No. 10 with the Scheme stating the following objective for the 'General Rural' zone:

"To provide for the sustainable use of land for the agricultural industry and other uses complimentary to sustainable agricultural practices, which are compatible with the capability of the land and retain the rural character and amenity of the locality."



The use of the land for the purposes of dealing firearms may be considered by Council to either fall under the use class of 'Shop' or, if it is considered that the use does not meet the definition of a 'Shop', then the proposal would need to be considered as a 'Use Not Listed' under the Scheme.

A 'Shop' use class has the following definition under the Scheme:

"any building wherein goods are kept, exposed or offered for sale by retail or hire, or within which services of a personal nature are provided (including a hairdresser, masseuse, beauty therapist or manicurist) but does not include a showroom, fast food outlet, liquor store or any premises specifically defined elsewhere in this part"

whereby 'retail' is further defined within the Scheme as meaning:

"the sale or hire of goods or services to the public"

Under Local Planning Scheme No. 10, a 'Shop' use class is not a permitted use (denoted as 'X') within the 'General Rural' zone and, as per provision 4.3.3 of the Scheme:

"The local government must refuse to approve any 'X' use of land. Approval to an 'X' use of land may only proceed by way of an amendment to the Scheme."

However, the use of the land for a 'Firearm Dealer' might alternatively be considered to be a 'Use Not Listed', whereby the proposal is not considered to fall within a defined use class under the Scheme. Section 4.4.2 of the Scheme would be applied in this instance:

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

- (a) determine that the use is consistent with the objectives of the particular zone and is therefore permitted;
- (b) determine that the use may be consistent with the objectives of the particular zone and thereafter follow the advertising procedures of clause 9.4 in considering an application for planning approval; or
- (c) determine that the use is not consistent with the objectives of the particular zone and is therefore not permitted."



Therefore, for a 'Use Not Listed', it must be determined whether the proposal is considered to be consistent with the objectives of the 'General Rural' zone.

Provision 10.2.1 of the Scheme outlines a number of other matters that should be considered by local government if the use is considered to be a 'Use Not Listed', with which the most relevant provisions are listed below:

- "(a) the aims and provisions of the Scheme;
- (b) the requirements of orderly and proper planning including any relevant proposed new town planning scheme or amendment, or region scheme or amendment, which has been granted consent for public submissions to be sought;
- (i) the compatibility of a use or development with its setting;
- (x) any relevant submissions received on the application"

POLICY IMPLICATIONS:

Nil

COMMENT:

Early in the assessment process, it was considered that the proposal might fall within the use class definition of a 'Home Business', however as the applicant did not reside upon the lot, legal advice was sought as to whether the proposal could still be considered as a 'Home Business'. Whilst it was determined that the applicant lived in close enough proximity to the outbuilding for the proposal to meet part of the definition of a 'Home Business' use class does not allow the 'retail' sale of goods of any nature.

The following legal advice was received in relation to the definition of retail:

"Retail' is defined in Schedule 1 of LPS 10 and relevantly includes the sale of goods to the public. This definition gives rise to 2 questions:

- (1) Are firearms and ammunition a form of 'goods'?
- (2) Are firearms and ammunition being sold 'to the public'?

The ordinary meaning of 'goods' is:



'articles of trade, wares, merchandise, especially that which is transported by land' (Online Macquarie Dictionary).

The ordinary meaning of 'article' is 'any thing' (Online Macquarie Dictionary). In view of these definitions, firearms and ammunition are articles and therefore 'goods'.

The question whether firearms and ammunition would be 'sold to the public' is less straightforward. Not every member of the public at large can purchase firearms and ammunition. Under the Firearms Act 1973, a firearm licence is necessary for a person to possess and use a firearm and ammunition (section 16(1)(a)). Similar, a firearm dealer must also have a licence to deal in firearms and ammunition (section 16(1)(d)). It is an offence for a person to purchase and a dealer to sell any firearm or ammunition without a licence (section 19(1)). Further, it is an offence for a dealer to sell firearms and ammunition to a person who does not have a licence entitling that person to possess the firearm and ammunition (section 19(2)(a)). The effect of these provisions is to restrict the class of potential purchasers of firearms and ammunition to those members of the community who have the necessary licence under the Firearms Act. The question is whether this section of the community is still to be regarded as 'the public' for the purposes of the definition of 'retail' in Schedule 1 of LPS 10...

Universally, the courts have consistently emphasised that the primary consideration in determining what is meant by 'the public' will depend on the content, nature and purpose of the legislation in which that expression is used. The following excerpt from the High Court's decision in the Central Credit Union case referred to above is instructive in this regard:

'For some purposes and in some circumstances, each citizen is a member of the public and any group of persons can constitute a section of the public. For other purposes and in other circumstances, the same person or the same group can be seen as identified by some special characteristic which isolates him or them in a private capacity and places him or them in a position of contrast with a member or section of the public.'

The starting point is to consider LPS 10 to determine the context in which the word 'retail' is used. Apart from one minor exception, the



defined word 'retail' is used in the definitions of certain use classes. These definitions either include or exclude retail sales as part of the particular use. Where retail sales are included (eg industry, industryservice, petrol filling station, restricted premises, service station, shop and showroom) it relates to uses which plainly involve the sale of some form of goods to the ultimate consumer or user of the goods...

The nature of selling goods to the public is such that a particular vendor's goods may only be of interest to a particular section of the community. This may arise because of the specific type of goods offered so they may only appeal to those members of the public with a particular interest in or need for those goods. The section of the public who can purchase goods may also be controlled by some requirement which is a precondition to the purchase. For example, there are minimum age requirements which apply to enable members of the public to buy alcohol or restricted publications. However, in such cases it would not be in doubt that there was a sale of goods to the public.

In the case of selling firearms and ammunition, the purchaser must have a licence under the Firearms Act. In that sense, the class of potential purchasers is limited. However, it is nonetheless a section of the public. Any member of the public can apply for a licence if they have attained the age of 18 years. Of course, licences are only issued upon satisfaction of the applicable criteria under the Firearms Act. However, the offer to sell firearms and ammunition is to any member of the public who has or obtains a licence.

It is instructive to consider the position under LPS 10 of a hypothetical application to establish a gun shop in the Northampton town site in which firearms, ammunition and related accessories could be purchased. Logically, under LPS 10 this would be classified as a 'shop' because these products would be kept, exposed or offered 'for sale by retail'. It is difficult to conceive that such a use would not be regarded as involving 'sale by retail' simply because purchasers who could be any member of the public, must first have a firearm licence. It is also difficult to see any logical basis for concluding that the need for a licence precluded there being the retail sale of firearms and ammunition in the case of the proposed home business, but not so in the case of a gun shop established in the Northampton town site.

While the position is not beyond argument, for the above reasons, it is my opinion that the preferable view is that the sale of firearms and ammunition to individuals with a licence under the Firearms Act



amounts to the sale of those goods by retail. Consequently, the proposed home business would not satisfy one of the necessary requirements of the 'home business' definition under LPS 10."

Whilst this legal advice was provided in relation to whether the proposal met the definition of a 'Home Business' (whereby it was determined that it probably did not), the same rationale may be applied to whether the proposal meets the definition of a 'Shop'.

As previously cited, a 'Shop' by definition under the Local Planning Scheme No. 10 is:

Northampton

"any building wherein goods are kept, exposed or offered for sale by <u>retail</u>or hire, or within which services of a personal nature are provided (including a hairdresser, masseuse, beauty therapist or manicurist) but does not include a showroom, fast food outlet, liquor store or any premises specifically defined elsewhere in this part"

Regard must be given by Council as to whether the description of the proposal (as provided by the Applicant and as per the activities allowed under a Firearm Dealer's License) is considered to meet the definitions of a 'Shop', giving consideration to the definitions of 'retail' and 'sold to the public' as provided by the Shire's legal advisors, above. The activities to be considered include the ordering, purchasing, storage and resale of firearms, the arranging for the repair or service of firearms, the testing and demonstration of firearms, and the dismantling of firearms for parts. Further consideration may be given by Council to the accessibility of the business and goods (i.e. sales are made strictly by appointment only, goods are not available for browsing and goods are only available to a specialty group of persons).

Should Council be satisfied that the proposal meets the definition of a 'Shop', then it is recommended that Council refuse the application for Development Approval on the basis that a 'Shop' use class is not a permitted use within the 'General Rural' zone and must therefore be refused.

Alternatively, should Council not be satisfied that the proposal meets the definition of a 'Shop', Council will have therefore determined that the use is considered to be a 'Use Not Listed' under the Local Planning Scheme No. 10. Regard must then be given to whether Council considers the proposal to be consistent with the purposes and objectives of the 'General Rural' zone. The objective of this zone emphasises the sustainability of agricultural land and retention of the rural character and amenity of the land. It is considered that the sale of firearm goods would not negatively impact upon either the sustainability or rural character and amenity of the land, as an existing outbuilding would be used to conduct the Firearm Dealer business.



With regard to the potential impact of the proposal upon adjoining and adjacent landowners, it is considered that any traffic generated from the business would have negligible impact on the amount and type of traffic accessing John Street. Similarly, the sale and collection of goods from the site is unlikely to have any detrimental noise impacts upon adjoining landholdings.

It is noted that the applicant would be authorised to discharge firearms for testing and demonstration purposes under a Firearm Dealer's License, however it is considered that this may have a significant noise impact on adjoining landowners (for example the firing of a high-powered rifle), and Council should consider imposing conditions to restrict the discharging of firearms upon the property to mitigate any potential impact.

It should be noted that the Applicant's proposal must also be approved by the Western Australian Police who are the appropriate authority in assessing and determining the License approval.

VOTING REQUIREMENT:

Absolute Majority Required: Yes (if considered a Use Not Listed)

CONCLUSION:

It is recommended that, should Council determine that the proposal meets the definition of a 'Shop' use class, then the application for development approval be refused on the basis that the use is not permitted within the 'General Rural' zone.

Alternatively, should Council determine that the proposed use does not meet the definition of a 'Shop' and is therefore considered to be a 'Use Not Listed' under the Scheme, then Council must determine whether the proposal is consistent with the objectives of the 'General Rural' zone, and will not result in an unacceptable impact upon adjacent landowners.

Should Council determine that the proposal is not consistent with the objectives of the 'General Rural' zone under the *Local Planning Scheme No. 10*, it is recommended that the application for Development Approval be refused on this basis.

Alternatively, should Council determine that the proposal is consistent with the objectives of the 'General Rural' zone, it is recommended that the application be advertised for fourteen (14) days via a sign on-site in accordance with Section 64 of the *Planning and Development* (Local Planning Schemes) Regulations 2015 and, subject to there being no submissions of objection to the proposal, then the Chief Executive Officer/Principal Planner be given delegated authority to grant Development Approval to the application. However, should an objection(s) arise as a result of the on-site advertising, then the matter would be referred back to Council for further consideration.



OFFICER RECOMMENDATION – ITEM 6.3.2 For Council consideration



Appendix 1. Letter from the Applicant

29 Feb 2017

Gary Dungate P.O. Box 660 Northampton WA 6535

Deb Carson Planning Officer Shire of Northampton PO Box 61 Northampton WA 6535

Dear Deb,

Re: Application for Home Based Business

As discussed, I submit the following information in support of the attached Planning Application.

The business will operate from my property located at Lot 239 John Street, Northampton

Internal floor space devoted to the business will be approximately 40 square metres.

Operation of the business will be by appointment only. Trading hours will be 8am to 5pm Monday to Friday, and 8am to 12 noon on Saturdays.

The business will operate as a small outlet for firearms and ammunition, serving the Northampton community. I anticipate 2 clients per day on a weekday, with up to 6 clients on a Saturday morning. There will be no staff on the premises other than myself.

There will be no equipment or machinery used in the running of the business, other than an EFTPOS facility.

Security of the premises will comply with or exceed Police licensing requirements.

A Western Australian Firearms Dealer's License will be obtained once planning approval has been granted by the Shire of Northampton.

Should you require any further information, please do not hesitate to contact me.

Yours sincerely

Gary Dungate



No	Submitter	Property Address	Submission Detail	Comment/Recommendation
1	RA Jackson	Lot 240 Forrest St, Northampton	Support	Noted
2	NA Burrell	Lot 246 John St, Northampton	Support- supports small business	Noted
3	EA Blood	Lot 237 Forrest St, Northampton	Support – supports small business	Noted
4	DJ Payne	Lot 236 Stephen St, Northampton	Support	Noted
5	PJ& NL Mitchell	Lot 238 Forrest St, Northampton	Support- supports small business	Noted

Appendix 2. Summary of submissions – adjoining landowners



6.3.3 **REQUEST FOR WAIVER OF PLANNING AND BUILDING APPLICATION FEES – GARAGE** - LOT 41 (NO. 193) HAMPTON ROAD, NORTHAMPTON LOCATION: Lot 41 (No. 193) Hampton Road, Northampton **FILE REFERENCE:** 10.8.1.1 / 193 HAM (A4680) **OWNER:** The Trustees of the Diocese - Anglican Church -Northampton **DATE OF REPORT:** 11 April 2017 **REPORTING OFFICER:** Deb Carson – Planning Officer **APPENDICES:** 1. Letter Requesting Waiver of Planning and Building Fees

AUTHORITY / DISCRETION:

Executive

the substantial direction setting and oversight role of the Council. For example, adopting plans and reports, accepting tenders, directing operations, setting and amending budgets.

SUMMARY:

An Application has been received for the construction of a garage for the Anglican Church residency in Northampton.

The Application is currently being assessed and has been referred to the State Heritage Council for consideration, given the historical significance of the site. The Applicant has requested a waiver of the Planning Application and Building Application fees and this report recommends wavier of the fees based on the community service and not-for-profit nature of the organisation.

BACKGROUND:

An Application for Planning Approval was submitted in April 2017 to construct a garage at Lot 41 (No. 193) Hampton Road, Northampton for the Northampton Anglican Church residence.

A copy of the applicant's letter requesting the waiver of Planning and Building Application Fees is included as **Appendix 1** to this report.

COMMUNITY & GOVERNMENT CONSULTATION:

The proposed garage will be sited upon a lot of Historical Significance and the proposal has therefore been referred to the State Heritage Council for consideration and assessment.



FINANCIAL & BUDGET IMPLICATIONS:

The Northampton Anglican Parish has requested in writing (Refer to **Appendix 1**) that Council waive the Planning and Building fees associated with this development in light of the community service the group provides and the not-for-profit nature that of the organisation.

STATUTORY IMPLICATIONS:

Local: Shire of Northampton Local Planning Scheme No. 10 – Northampton

Shire of Northampton's Local Planning Scheme No. 10

Lot 41 is zoned "Town Centre" under Local Planning Scheme No. 10 – Northampton.

The Lot also falls within the Special Control Area 4 (SCA 4) – Town Centre Conservation, with the purposes and intent of the area being:

- "(a) To ensure all development is in accordance with either established heritage principles or with their context, and
- (b) To ensure all development will accord with objectives and guidelines established for the Special Control Area"

COMMENT:

Given that the organisation applying for Development and Building Approval is a not-forprofit organisation that contributes positively to the Northampton community, it is considered appropriate that Council waive the Planning and Building Application fees.

VOTING REQUIREMENT:

Absolute Majority Required: Yes

CONCLUSION:

It is recommended that Council waive the Planning Application and the Building Application fees payable for the construction of a garage for Anglican Parish of Northampton on Lot 41 (No. 193) Hampton Road, Northampton.

OFFICER RECOMMENDATION – ITEM 6.3.3

WAIVE FEES

That Council waive the Planning Application and the Building Application Fee payable for the construction of a garage for the Anglican Parish of Northampton on Lot 41 (No. 193) Hampton Road, Northampton in recognition of the service the organisation provides to the Northampton community.



APPENDIX 1

ANGLICAN CHURCH **PARISH of NORTHAMPTON** DIOCESE OF NORTHWEST AUSTRALIA

PO Box 157 Northampton, WA, 6535 Ph (08) 9934 1140

10th April,2017

Shire of Northampton Hampton Road Northampton W.A. 6535

Attention: M/s D. Carson

To the Northampton Shire Council:

The Anglican Parish of Northampton is currently seeking planning and building approval for a semi-enclosed carport to be built on Lot 41(No. 193) Hampton Road, Northampton.

As a not-for- profit organisation , we respectfully request that Council please consider waiving the fees associated with our planning and building application.

Thank you for your consideration of this matter.

Sincerely yours,

Lapelennan'

Joyce Lennard Parish Secretary



6.3.4 SUMMARY OF PLANNING INFORMATION ITEMS

DATE OF REPORT:	11 April 2017	
REPORTING OFFICER:	Debbie Carson-Planning Officer	

COMMENT:

The following informs Council of the various planning items (including delegated approvals) that have been dealt with since last reported to Council. Further information regarding any of the items can be obtained from the Planning Officer.

REF	APPLICANT	LOCATION	PROPOSED DEVELOPMENT / USE	DATE
011	P Wilson & A Jenkinson	LOT 276 (NO. 107) EXPLORER AVENUE, KALBARRI	PROPOSED PYLON SIGN	2 March 2017
012	WA Country Health	LOT 60 (NO. 24) FIRST AVENUE, NORTHAMPTON	PROPOSED OUTBUILDING	10 March 2017

OFFICER RECOMMENDATION – ITEM 6.3.4 For Council Information	OFFICER RECOMMENDATION – ITEM 6.3.4	For Council Information
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6.4.1	ACCOUNTS FOR PAYMENT	2
6.4.2	MONTHLY FINANCIAL STATEMENTS - MARCH 2017	13
6.4.3	BUDGET SUBMISSIONS 2017-2018	35



6.4.

FILE REFERENCE: 1.1.1	
DATE OF REPORT: 10 April 2017	
DISCLOSURE OF INTEREST: Nil	
REPORTING OFFICER: Leanne Rowe/Grant Middleton	
APPENDICES: 1. List of Accounts	

SUMMARY

Council to authorise the payments as presented.

BACKGROUND:

A list of payments submitted to Council on 21st April 2017, for confirmation in respect of accounts already paid or for the authority to those unpaid.

FINANCIAL & BUDGET IMPLICATIONS:

A list of payments is required to be presented to Council as per section 13 of the Local Government Act (Financial Management Regulations 1996).

POLICY IMPLICATIONS:

Council Delegation F02 allows the CEO to make payments from the Municipal and Trust accounts. These payments are required to be presented to Council each month in accordance with Financial Management Regulations 13 (1) for recording in the minutes.

VOTING REQUIREMENT:

Absolute Majority Required:

OFFICER RECOMMENDATION – ITEM 6.4.1

That Municipal Fund Cheques 21158 to 21179 inclusive totalling \$101,467.03, Municipal EFT payments numbered EFT16132 to EFT16303 inclusive totalling \$966,605.65, Trust Fund Cheques 2197 to 2201, totalling \$1,155, Direct Debit payments numbered GJ0902 to GJ0910 inclusive totalling \$234,296.85 be passed for payment and the items therein be declared authorised expenditure.



Chq #	Date	Name	Description	Amount
21158	14-03-2017	AUSTRALIA POST	POSTAGE	702.19
21159	14-03-2017	CITY OF GREATER GERALDTON	REFUSE DISPOSAL - MERU	8316.75
21160	14-03-2017	GARRY DUNGATE	PAVING - NCC	1650.00
21161	14-03-2017	GERALDTON MOWER & REPAIR SPECIALISTS	PARTS	702.40
21162	14-03-2017	KALBARRI GAS	GAS ANNUAL CONTAINER SERVICE	65.00
21163	14-03-2017	MCLEODS BARRISTERS AND SOLICITORS	LEGAL SERVICES	2879.54
21164	14-03-2017	WILLIAMS & HUGHES	LEGAL SERVICES	515.46
21165	14-03-2017	TELSTRA	TELEPHONE CHARGES	1495.24
21166	15-03-2017	PETTY CASH - NCCA	PETTY CASH RECOUP	152.65
21167	15-03-2017	SYNERGY	ELECTRICITY CHARGES	31486.85
21168	21-03-2017	PETTY CASH - NORTHAMPTON	PETTY CASH RECOUP	163.00
21169	29-03-2017	CITY OF GREATER GERALDTON	REFUSE DISPOSAL - MERU	2951.20
21170	29-03-2017	SYNERGY	ELECTRICITY CHARGES	15832.55
21171	29-03-2017	SHIRE OF NORTHAMPTON	VEHCILE LICENCES	1075.20
21172	29-03-2017	TELSTRA	TELEPHONE CHARGES	4045.84
21173	04-04-2017	GB RALPH	RATE REFUND	996.78
21174	04-04-2017	LEXI BOVELL	REFUND EXCESS - NICHE WALL/PLAQUE	99.66
21175	06-04-2017	SYNERGY	ELECTRICITY CHARGES	12123.35
21176	06-04-2017	TELSTRA	TELEPHONE CHARGES	61.22
21177	06-04-2017	WATER CORPORATION	WATER USE & SERVICE CHARGES	15870.15
21178	06-04-2017	GARY TURNER	REFUND TP FEES	147.00
21179	06-04-2017	KALBARRI GAS	GAS	135.00
				\$101,467.03



ELECTRONIC FUND TRANSFERS – MUNICIPAL ACCOUNT

EFT #	Date	Name	Description	Amount
EFT16132	03-03-2017	KALBARRI OCCASIONAL CHILD CARE CENTRE	16/17 ANNUAL OPERTATING GRANT	2000.00
EFT16133	03-03-2017	MIDWEST TREE SERVICES	TREE LOPPING	2904.00
EFT16134	08-03-2017	GK CREATIVE PTY LTD	BIN STICKERS - PLEASE SLOW DOWN CONSIDER OUR KIDS	1990.00
EFT16135	08-03-2017	TIGERTURF AUSTRALIA PTY LTD	KALB BOWLING GREEN - 35% DEPOSIT SUPPLY & INSTAL SUPER GREEN	56325.50
EFT16136	09-03-2017	HAYLEY BAIKIE	NCCA REIMB IINET	93.50
EFT16137	09-03-2017	NEIL BROADHURST	REIMB TELSTRA	115.50
EFT16138	09-03-2017	MELINDA BRYER	REIMB FUEL	85.80
EFT16139	14-03-2017	AUSTRALIAN TAXATION OFFICE	FEB 2017 BAS	12446.00
EFT16140	14-03-2017	ABROLHOS ELECTRICS	KAL FSHORE BBQ INSTAL RCD'S	1527.79
EFT16141	14-03-2017	AFGRI EQUIPMENT AUST PTY LTD	PARTS	1890.24
EFT16142	14-03-2017	ALL CLEANING AND MAINTENANCE	CLEANING	580.00
EFT16143	14-03-2017	ALLIED SEATING GROUP	PLANT SEAT COVERS	772.40
EFT16144	14-03-2017	AMAZZINI & SON	PIONEER HOMES PAVERS	7514.00
EFT16145	14-03-2017	KALBARRI IGA	GOODS	70.10
EFT16146	14-03-2017	ANGIE'S CAFE	REFRESHMENTS	161.55
EFT16147	14-03-2017	AUSTRAL MERCANTILE COLLECTIONS	LEGAL EXPENSES	644.28
EFT16148	14-03-2017	BLACKTOP MATERIALS ENGINEERING PTY LTD	KALBARRI COURTS - COMPACTION TEST	1551.00
EFT16149	14-03-2017	BOSTON CONTRACTING	CHIL RD WATER CART	4493.50
EFT16150	14-03-2017	BUNNINGS BUILDING SUPPLIES	LIONS PK - TREE STAKES/STRAPS	446.19
EFT16151	14-03-2017	CATWEST PTY LTD	PREMIX/EMULSION - STOCK NTON & KALB	2895.20
EFT16152	14-03-2017	P S CHESTER & SON	PIONEER HOMES - CLAIM # 4	223275.80
EFT16153	14-03-2017	CLARKSON FREIGHTLINES	FREIGHT	187.91
EFT16154	14-03-2017	COASTAL PLUMBING & GAS FITTING	AGED UNITS MTCE	816.64



EFT #	Date	Name	Description	Amount
EFT16155	14-03-2017	STAPLES	P/COPIER MTCE	948.97
EFT16156	14-03-2017	COURIER AUSTRALIA	FREIGHT	157.97
EFT16157	14-03-2017	COVS PARTS PTY LTD	PARTS	443.92
EFT16158	14-03-2017	SIMON DRAGE	BUILDING MAINTENANCE/REPAIRS	2000.00
EFT16159	14-03-2017	D-TRANS	PLANT WELDING REPAIRS	359.63
EFT16160	14-03-2017	K & M EASTOUGH AND SONS	GRAVEL	1940.40
EFT16161	14-03-2017	ECO-FLORA CRANE, TRUCK & EXCAVATOR SERVICES	KALB COURTS - GRADER HIRE	1680.00
EFT16162	14-03-2017	GANTHEAUME BAY ELECTRICAL	KALB COURTS - ELECTRICAL CLAIM # 3	14643.20
EFT16163	14-03-2017	ATOM SUPPLY	LASER LEVEL REPAIRS	249.72
EFT16164	14-03-2017	GERALDTON & MIDWEST SECURITY SERVICES	SECURITY SYSTEM	780.00
EFT16165	14-03-2017	GREAT NORTHERN RURAL SERVICES	RETICULATION	570.58
EFT16166	14-03-2017	GREAT SOUTHERN FUEL SUPPLY	FUEL PURCHASES - DEPOTS	27811.90
EFT16167	14-03-2017	HASLEBYS HARDWARE SUPPLIES	RETIC, PAINT STRIPPER, PAINT	923.69
EFT16168	14-03-2017	C + J HANSON PLUMBING CONTRACTORS	NCC PLUMBING & DRAINAGE REPAIRS	13385.28
EFT16169	14-03-2017	NR & DJ HAYNES	BUILDING MAINTENANCE/REPAIRS	2707.65
EFT16170	14-03-2017	TANYA HENKEL	HERITAGE ADVISORY SERVICES	2875.73
EFT16171	14-03-2017	HOSEXPRESS	PARTS	15.18
EFT16172	14-03-2017	AJS HULME & CO	GRAVEL	3124.00
EFT16173	14-03-2017	JASON SIGNMAKERS	SIGNS	422.40
EFT16174	14-03-2017	JCB CONSTRUCTION EQUIPMENT AUST	PARTS	289.84
EFT16175	14-03-2017	JONO DALE PLUMBING, GAS & AIR-CON	BUILDING PLUMBING REPAIRS	316.80
EFT16176	14-03-2017	KALBARRI AUTO CENTRE	PLANT SERVICE	341.00
EFT16177	14-03-2017	KALBARRI SES UNIT INC.	16/17 ESL 3RD INSTAL	8250.00
EFT16178	14-03-2017	KALBARRI HARDWARE & BUILDING SUPPLIES	NUTSETTER, DRILLBIT, TAP, TAPE	101.64
EFT16179	14-03-2017	KALBARRI MOTOR HOTEL	KALB COURTS - NTON CONST CREW MEALS	1163.50



EFT #	Date	Name	Description	Amount
EFT16180	14-03-2017	KALBARRI EXPRESS FREIGHT	FREIGHT	219.42
EFT16181	14-03-2017	KALBARRI SUPERMARKET	KAL COURTS - NTON CREW SUNDRY FOOD ITEMS	270.60
EFT16182	14-03-2017	KALBARRI B P SERVICE STATION	FUEL	276.95
EFT16183	14-03-2017	KALBARRI LAWNMOWING SERVICE	LAWN MOWING & SPRAYING	670.00
EFT16184	14-03-2017	KALBARRI NEWSAGENCY	SUNSCREEN	37.95
EFT16185	14-03-2017	KALBARRI AUTO ELECTRICS	PLANT ELECTRICAL REPAIRS	645.92
EFT16186	14-03-2017	KALBARRI PEST CONTROL	VISUAL TERMITE/URBAN PEST CONTROL	6200.00
EFT16187	14-03-2017	KALBARRI GRAVEL & SAND SUPPLIES	GRAVEL - TIP ROAD, SAND FOR COURTS	12960.00
EFT16188	14-03-2017	STATE LIBRARY OF WA	16/17 FREIGHT RECOUP	602.44
EFT16189	14-03-2017	MARKETFORCE	ADVERTISING	1662.65
EFT16190	14-03-2017	LGRCEU	PAYROLL DEDUCTIONS	194.00
EFT16191	14-03-2017	MIDWEST VETERINARY CENTRE	STERLISATION SUBSIDY	20.00
EFT16192	14-03-2017	MIDWEST MULCHING MOWING	VERGE MULCHING	10846.00
EFT16193	14-03-2017	M L COMMUNICATIONS	SERVICE PHONES	236.50
EFT16194	14-03-2017	MODERN TEACHING AIDS PTY LTD	NCCA CRAFT PAPER, GLOVES,	219.40
EFT16195	14-03-2017	MOOREVIEW PLANTS & TREES	LIONS PARK - PLANTS	205.63
EFT16196	14-03-2017	PACIFIC BRANDS WORKWEAR GROUP PTY LTD	UNIFORMS	381.01
EFT16197	14-03-2017	NORTHAMPTON IGA & LIQUOR STORE	CLEANING/ GOODS	90.39
EFT16198	14-03-2017	NORTHAMPTON NEWSAGENCY	STATIONERY, NEWSPAPERS	28.04
EFT16199	14-03-2017	NORTHAMPTON PHARMACY	NCCA MEDICAL SUPPLIES	253.65
EFT16200	14-03-2017	NORTHAMPTON AIR CONDITIONING	NCCA AIRCON REPAIRS	132.00
EFT16201	14-03-2017	CLEANPAK TOTAL SOLUTIONS	TOILET CLEANING PRODUCTS	840.38
EFT16202	14-03-2017	OPTEON (MID WEST WA) PTY LTD	VALUATION - PT LOT 1 BINNU WEST RD	1200.00
EFT16203	14-03-2017	PORT GREGORY CARAVAN PARK	FUEL FOR PT GREG FIRE TRUCK	339.40
EFT16204	14-03-2017	HOLCIM AUSTRALIA PTY LTD	QUARRY SAND	227.45
EFT16205	14-03-2017	RPS AUSTRALIA WEST PTY LTD	HKS DWMS 50% COMPLETION	8698.80



EFT #	Date	Name	Description	Amount
EFT16206	14-03-2017	SANFORD VETERINARY CLINIC	STERLISATION SUBSIDY	20.00
EFT16207	14-03-2017	M R SCOTT TRANSPORT P/L	SEMI-SIDETIPPER HIRE	2849.00
EFT16208	14-03-2017	OWEN SIMKIN	WATER CUSTODIAN	211.91
EFT16209	14-03-2017	SPALDING ELECTRICAL SERVICES	ELECTRICAL REPAIRS	1120.90
EFT16210	14-03-2017	SPECIAL DAYS	NCCA DIRECTORY LISTING	99.00
EFT16211	14-03-2017	STAR TRACK EXPRESS	FREIGHT	76.28
EFT16212	14-03-2017	THURKLE'S EARTHMOVING & MAINTENANCE PTY LTD	DOZER HIRE - GRAVEL PUSHUP	10164.00
EFT16213	14-03-2017	2V NET IT SOLUTIONS	COMPTER MTCE - REMOTE BACKUP	266.00
EFT16214	14-03-2017	TOX FREE AUSTRALIA PTY LTD	REFUSE COLLECTION/SITE MTCE	31987.20
EFT16215	14-03-2017	LANDGATE	VALUATION EXPENSES	707.50
EFT16216	14-03-2017	WA PLANNING & LOGISTICS	TOWN PLANNING SUPPORT	2655.00
EFT16217	14-03-2017	WESTRAC EQUIPMENT PTY LTD	PARTS	7993.26
EFT16218	14-03-2017	WEST AUSTRALIAN NEWSPAPERS LTD	ADVERTISING	994.59
EFT16219	14-03-2017	WESTERN AUSTRALIAN TREASURY CORP	LOAN 148A PAYMENT	13777.98
EFT16220	14-03-2017	WILSONS SIGN SOLUTIONS	PLAQUE	170.50
EFT16221	14-03-2017	WINDOWISE PTY LTD	MENS SHED - REPAIR ROLLER DOOR	495.00
EFT16222	14-03-2017	WOODCOCK CT & L	CAT TRAP, PUMP, FENCING	2270.20
EFT16223	23-03-2017	GLENN BANGAY	REIMB LAPTOP BATTERY	171.83
EFT16224	23-03-2017	SEAN BOYCE	REIMB GLASSES	271.50
EFT16225	23-03-2017	COERCO PTY LTD	LUCKY BAY - POLY SEPTIC TANK	1570.80
EFT16226	23-03-2017	RIC DAVEY	REIMB GLASSES	225.00
EFT16227	23-03-2017	E & S KOPPENSTEINER	REIMB TELSTRA	199.00
EFT16228	23-03-2017	LB & BJ RYAN	REIMB PHONE LINE RENTAL	39.90
EFT16229	29-03-2017	OSA PRODUCTIONS TRUST	RAY RYDER DEPOSIT	1100.00
EFT16230	29-03-2017	ABROLHOS ELECTRICS	REPLACED RETIC CONTRL, BBQ RCD'S	10120.44
EFT16231	29-03-2017	ANGIE'S CAFE	YALLABATHARRA FIRE - LUNCHES	105.00
EFT16232	29-03-2017	B P ROADHOUSE NORTHAMPTON	FUEL	141.68



EFT #	Date	Name	Description	Amount
EFT16233	29-03-2017	CENTRAL WEST PUMP SERVICE	OVAL TOILETS - NEW PUMP GRUNDFOS	2596.00
EFT16234	29-03-2017	CHAPMAN ANIMAL HOSPITAL	STERILISATION SUBSIDY	20.00
EFT16235	29-03-2017	CHARLESTON CREATIVE	KVC ADVENTURETHOM TVC MUSIC LICENSING	265.00
EFT16236	29-03-2017	COATES HIRE OPERATIONS PTY LIMITED	PLANT HIRE	594.00
EFT16237	29-03-2017	BOC GASES AUSTRALIA LTD	INDUSTRY GASES	60.98
EFT16238	29-03-2017	COURIER AUSTRALIA	FREIGHT	147.19
EFT16239	29-03-2017	COVS PARTS PTY LTD	GLOVES	36.41
EFT16240	29-03-2017	D-TRANS	PARTS	314.18
EFT16241	29-03-2017	FLEETWOOD PTY LTD	LUCKY BAY - UNIT ENERGY EFFICIENCY CERT	759.00
EFT16242	29-03-2017	GARVON CONSTRUCTIONS	REPLACE BROKEN GLASS DOORS	1400.00
EFT16243	29-03-2017	GERALDTON LOCK & KEY SPECIALISTS	KEYS	301.65
EFT16244	29-03-2017	GERALDTON AUTO WHOLESALERS	VEHICLE SERVICE	311.40
EFT16245	29-03-2017	THE GORGES CAFE	LUNCHES - YALLABATHARRA FIRE	404.25
EFT16246	29-03-2017	HARVEY NORMAN COMPUTER SUPERSTORE GERALDTON	NCCA GALAXY TABLETS	1787.90
EFT16247	29-03-2017	KALBARRI EXPRESS FREIGHT	FREIGHT	274.57
EFT16248	29-03-2017	KALBARRI WAREHOUSE	HARDWARE, RETIC, VALV BOX, POTTING MIX	451.05
EFT16249	29-03-2017	KALBARRI GRAVEL & SAND SUPPLIES	LOADER HIRE - FIRE BREAK WORK	2130.00
EFT16250	29-03-2017	KALBARRI PROPERTY CARE	BUILDING MAINTENANCE/REPAIRS	95.00
EFT16251	29-03-2017	KALBARRI SITEWORKS	EXCAVATOR HIRE	1705.00
EFT16252	29-03-2017	LGRCEU	PAYROLL DEDUCTIONS	97.00
EFT16253	29-03-2017	MIDWEST MULCHING MOWING	MULCHING	792.00
EFT16254	29-03-2017	MIDWEST TREE SERVICES	TREE LOPPING	440.00
EFT16255	29-03-2017	CENTREL PTY LTD	FUEL PURCHASES - FUEL CARDS	1785.11
EFT16256	29-03-2017	MJB INDUSTRIES PTY LTD	CONCRETE STORMWATER PRODUCTS	2530.00
EFT16257	29-03-2017	KALBARRI PALM RESORT	KALB COURTS ACCOM/MEALS NTON CREW	4967.90



EFT #	Date	Name	Description	Amount
EFT16258	29-03-2017	PRINTLOGIC (WA) PTY LTD	KVC ADVERTISING 2017 AUSTRALIA'S CORAL	1890.90
EFT16259	29-03-2017	SHEETMETAL CO	KVC ENTRY STATEMENT	9691.00
EFT16260	29-03-2017	ST JOHN AMBULANCE NORTHAMPTON	FIRST AID KIT	112.90
EFT16261	29-03-2017	THURKLE'S EARTHMOVING & MAINTENANCE PTY LTD	GRAVEL PUSHUP/STOCKPILE	11132.00
EFT16262	29-03-2017	2V NET IT SOLUTIONS	COMPTER MTCE - REMOTE BACKUP	200.00
EFT16263	29-03-2017	VORTEX PLASTICS	PARTS	35.75
EFT16264	29-03-2017	WESTRAC EQUIPMENT PTY LTD	GRADER SPECIFIC WORKS, PARTS	45785.24
EFT16265	29-03-2017	NORTHAMPTON TYRES	REPAIR TYRE	55.00
EFT16266	29-03-2017	WOODCOCK CT & L	400LT DIESEL PUMP, FERTILISER, HARDWARE	4360.68
EFT16267	29-03-2017	YOUNG MOTORS P/L	PLANT SERVICE	245.00
EFT16268	06-04-2017	ABROLHOS ELECTRICS	AGED UNITS REPAIR RETIC	2776.07
EFT16269	06-04-2017	AFGRI EQUIPMENT AUST PTY LTD	PARTS	394.74
EFT16270	06-04-2017	ANGIE'S CAFE	REFRESH MIDWEST REGIONAL GP MEETING	300.00
EFT16271	06-04-2017	BOSTON CONTRACTING	WATER CART HIRE	9796.88
EFT16272	06-04-2017	B P ROADHOUSE NORTHAMPTON	REFRESHMENTS	317.00
EFT16273	06-04-2017	P S CHESTER & SON	PIONEER LODGE CLAIM 5	171233.70
EFT16274	06-04-2017	COATES HIRE OPERATIONS PTY LIMITED	VIBE ROLLER HIRE	1670.63
EFT16275	06-04-2017	COURIER AUSTRALIA	FREIGHT	141.53
EFT16276	06-04-2017	D-TRANS	PARTS	56.58
EFT16277	06-04-2017	ECO-FLORA CRANE, TRUCK & EXCAVATOR SERVICES	GRADE ROAD	240.00
EFT16278	06-04-2017	GERALDTON AUTO WHOLESALERS	PARTS	86.85
EFT16279	06-04-2017	HASLEBYS HARDWARE SUPPLIES	WHEELBARROW, FERTILER, HARDWARE	3738.59
EFT16280	06-04-2017	NR & DJ HAYNES	BUILDING MAINTENANCE/REPAIRS	66.00
EFT16281	06-04-2017	TANYA HENKEL	HERITAGE ADVISORY SERVICE	2967.05



EFT #	Date	Name	Description	Amount		
EFT16282	06-04-2017	HOSEY'S CONTRACTING	KAL COURTS - WALL INSTALL BLOCKS	32214.49		
EFT16283	06-04-2017	JONO DALE PLUMBING, GAS & AIR-CON	PLUMBING REPAIRS	1386.00		
EFT16284	06-04-2017	KALBARRI HARDWARE & BUILDING SUPPLIES	CEMENT, RAPIDSET, COUPLER, HARDWARE,	802.20		
EFT16285	06-04-2017	KALBARRI B P SERVICE STATION	FUEL	234.42		
EFT16286	06-04-2017	KALBARRI LAWNMOWING SERVICE	LAWNMOWING	420.00		
EFT16287	06-04-2017	KALBARRI PEST CONTROL	VISUAL TERMITE INSPECT URBAN PEST CL	280.00		
EFT16288	EFT1628506-04-2017KALBARRI B P SERVICE STATIONFUELEFT1628606-04-2017KALBARRI LAWNMOWING SERVICELAWNMOWINGEFT1628706-04-2017KALBARRI PEST CONTROLVISUAL TERMITE INSPECT URBAN PEST CLEFT1628806-04-2017KOMATSU AUSTRALIA PTY LTDPARTSEFT1628906-04-2017LGIS RISK MANAGEMENTMW REGIONAL RISK COORDINATIONEFT1629006-04-2017THE LUSCOMBE SYNDICATENCCA CLEANING PRODUCTSEFT1629106-04-2017MIDLAND MOWERSNTON GOLF - FERRIS RIDE ON MOWEREFT1629206-04-2017MULTIPLE TRADES AND MAINTENANCEPIONEER HOMES SEWER TREATMENT PLANTEFT1629306-04-2017NORTHAMPTON NEWSAGENCYSTATIONERY, NEWSPAPERSEFT1629406-04-2017NORTHAMPTON AUTO ELECTRICSPLANT ELECTRICAL REPAIRSEFT1629506-04-2017PEMCO DIESEL PTY LTDPLANT MTCEEFT1629606-04-2017THE PLANNING INSTITUTE OF AUSTRALIAREGISTRATION FEE - HAYLEY WILLIAMS					
EFT16289	EFT1628906-04-2017LGIS RISK MANAGEMENTMW REGIONAL RISK COORDINATIONEFT1629006-04-2017THE LUSCOMBE SYNDICATENCCA CLEANING PRODUCTSEFT1629106-04-2017MIDLAND MOWERSNTON GOLF - FERRIS RIDE ON MOWEREFT1629206-04-2017MULTIPLE TRADES AND MAINTENANCEPIONEER HOMES SEWER TREATMENT					
EFT16290	06-04-2017	THE LUSCOMBE SYNDICATE	NCCA CLEANING PRODUCTS	188.33		
EFT16291	06-04-2017	MIDLAND MOWERS	NTON GOLF - FERRIS RIDE ON MOWER	18400.00		
EFT16292	06-04-2017	MULTIPLE TRADES AND MAINTENANCE		17820.00		
EFT16293	06-04-2017	NORTHAMPTON NEWSAGENCY	STATIONERY, NEWSPAPERS	420.14		
EFT16294	06-04-2017	NORTHAMPTON AUTO ELECTRICS	PLANT ELECTRICAL REPAIRS	7769.02		
EFT16295	06-04-2017	PEMCO DIESEL PTY LTD	PLANT MTCE	835.62		
EFT16296	06-04-2017	THE PLANNING INSTITUTE OF AUSTRALIA	REGISTRATION FEE - HAYLEY WILLIAMS	700.00		
EFT16297	06-04-2017	HOLCIM AUSTRALIA PTY LTD	CONCRETE	443.30		
EFT16298	06-04-2017	SIMPLE LIFE PROJECTS	SALLYS TREE TOILET EXT - PROG CLAIM	11129.25		
EFT16299	06-04-2017	SPALDING ELECTRICAL SERVICES	HKS JETTY - REPLACE LIGHT	708.40		
EFT16300	06-04-2017	THURKLE'S EARTHMOVING & MAINTENANCE PTY LTD	GRAVEL PUSHUPS	15246.00		
EFT16301	06-04-2017	TOTALLY WORKWEAR - GERALDTON	SAFETY BOOTS	134.55		
EFT16302	06-04-2017	WEST AUSTRALIAN NEWSPAPERS LTD	ADVERTISING	295.44		
EFT16303	06-04-2017	NORTHAMPTON TYRES	11 TYRES. REPAIRS, ROTATION	14023.00		
			-	\$966,605.65		



TRUST FUND CHEQUES

Chq #	Chq #DateNameDescription219720-03-2017DEPT FOR PLANNING & INFASTRUCTURESPECIAL SERIES PLATES 1973 NR219821-03-2017NORTHAMPTON COMMUNITY NEWSONELIFE - ADVERTISING219924-03-2017KAZUALS NETBALL CLUBKIDSPORT220028-03-2017DEPT FOR PLANNING & INFRASTRUCTURESPECIAL SERIES PLATES 183 NR220130-03-2017TENNIS WEST - MIDWEST ZONEKIDSPORT	Amount		
2197	20-03-2017	DEPT FOR PLANNING & INFASTRUCTURE	SPECIAL SERIES PLATES 1973 NR	200.00
2198	21-03-2017	NORTHAMPTON COMMUNITY NEWS	ONELIFE - ADVERTISING	50.00
2199	24-03-2017	KAZUALS NETBALL CLUB	KIDSPORT	330.00
2200	28-03-2017	DEPT FOR PLANNING & INFRASTRUCTURE	SPECIAL SERIES PLATES 183 NR	200.00
2201	30-03-2017	TENNIS WEST - MIDWEST ZONE	KIDSPORT	375.00
				\$1,155.00



DIRECT DEBITS

Jnl #	Date	Name	Description	Amount	
	9/03/2017	PAYROLL	FN/E 8/3/2017		85,613.00
	10/03/2017	CLICKSUPER	SUPERANNUATION FN/E 8/3/2017		19,494.06
	14/03/2017	PAYROLL	ONE OFF PAY 8/03/2017		1,125.00
	23/03/2017	PAYROLL	FN/E 22/03/2017		88,080.00
	24/03/2017	CLICKSUPER	SUPERANNUATION FN/E 22/03/2017		20,261.96
GJ0902	31/03/2017	NAB BANK FEES	BANK FEES/MERCHANT FEES		476.76
GJ0903	31/03/2017	BPOINT	FEES		159.91
GJ0904	31/03/2017	BPAY	FEES		68.64
GJ0906	31/03/2017	CEO CORPORATE CARD	WESTNET	104.94	
			BANK CHARGES	9.00	
			REFRESHMENTS	194.10	
			OFFICE EXP CONFERENCE PHONE	<u>1,354.10</u>	1,662,14
GJ0907	31-03-17	DCEO CORPORATE CARD	BANK CHARGES	9.00	
			PLANT PARTS	131.65	
			COMPUTER EXP	69.30	209.95
GJ0908	31-03-17	WESTNET	FEES		66.00
GJ0909	31-03-17	NAB LOAN 152 REPAYMENT	PRINCIPAL CEO SELF SUPP LOAN		7,803.66
GJ0910	31-03-17	NAB LOAN 152 REPAYMENT	INTEREST CEO SELF SUPP LOAN		9,275.77
				2	234,296.85



6.4.2	MONTHLY FINANCIAL STAT	EMENTS – MARCH 2017
	FILE REFERENCE:	1.1.1
	DATE OF REPORT:	10 April 2017
	DISCLOSURE OF INTEREST:	Nil
	REPORTING OFFICER:	Grant Middleton
	APPENDICES:	1. Monthly Financial Report for March 2017
		2. Schedule Format provided as separate
		attachment (Appendix A)

SUMMARY

Council to adopt the draft monthly financial reports as presented.

BACKGROUND:

This information is provided to Council on a monthly basis in accordance with provisions of the Local Government Act 1995 and Local Government (Financial Management) Regulations 1996.

The Draft Monthly Statements of Financial Activity for the period ending 31 March 2017 are attached, and include:

Compilation Report

Monthly Summary Information

Statement of Financial Activity by Program

Statement of Financial Activity By Nature or Type

Statement of Capital Acquisitions and Capital Funding

Statement of Budget Amendments

- Note 1 Significant Accounting Policies (presented annually)
- Note 2 Explanation of Material Variances
- Note 3 Net Current Funding Position
- Note 4 Cash and Investments
- Note 5 Budget Amendments (as per Budget Review process)
- Note 6 Receivables
- Note 7 Cash Backed Reserves



Note 8	Capital Disposals
Note 9	Rating Information
Note 10	Information on Borrowings
Note 11	Grants
Note 12	Trust
Note 13	Details of Capital Acquisitions
Appendix B	Detailed Schedules (separate presentation)

FINANCIAL & BUDGET IMPLICATIONS:

Total variances for capital revenue and expenditure to 31st March 2017 are as follows:

Total operating revenue has a positive variance (over budget) of \$64,483 while operating expenditure has a negative variance (over budget) of \$157,737 which is mainly due to transport and economic services which reflects a shift in own source costs due to the lag in capital projects and Lucky Bay costs.

Capital grant funding also has a negative variance (under budget) of \$607,974 is which is due to grant funding associated with White Cliffs Road and Binnu West Road. Capital expenditure associated with roads is also under budget by \$1,127,117 which is due to the delay in completing grant funded and Council funded road projects.

The schedule format is now provided separately from the Finance agenda in Dropbox as it is not a statutory requirement to provide this type of inform.

STATUTORY IMPLICATIONS:

Local Government (Financial Management) Regulation 34 1996 Local Government Act 1995 section 6.4

POLICY IMPLICATIONS:

Council is required annually to adopt a policy on what it considers to be material as far as variances that require to be reported for Council. The current Council Policy sets the material variance at \$5,000.



VOTING REQUIREMENT:

Simple Majority Required:

OFFICER RECOMMENDATION – ITEM 6.4.2

That Council adopts the Monthly Financial Report for the period ending 31 March 2017.



SHIRE OF NORTHAMPTON

MONTHLY FINANCIAL REPORT (Containing the Statement of Financial Activity) For the Period Ended 31 March 2017

LOCAL GOVERNMENT ACT 1995 LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996

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Monthly Summary Information

Statement of Financial Activity by Program

Statement of Financial Activity By Nature or Type

Statement of Capital Acquisitions and Capital Funding

- Note 1 Significant Accounting Policies (Refer Budget Adoption)
- Note 2 Explanation of Material Variances
- Note 3 Net Current Funding Position
- Note 4 Cash and Investments
- Note 5 Budget Amendments (presented as per Budget Review process)
- Note 6 Receivables
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- Note 8 Capital Disposals
- Note 9 Rating Information
- Note 10 Information on Borrowings
- Note 11 Grants
- Note 12 Trust
- Note 13 Details of Capital Acquisitions



SHIRE OF NORTHAMPTON Information Summary For the Period Ended 31 March 2017

Key Information

Report Purpose

This report is prepared to meet the requirements of Local Government (Financial Management) Regulations 1996, Regulation 34.

Overview

Summary reports and graphical progressive graphs are provided on pages 2 - 3.

Statement of Financial Activity by reporting program

Is presented on page 6 and shows a surplus as at 31 March 2017 of \$2,591,896.

Items of Significance

The material variance adopted by the Shire of Northampton for the 2016/17 year is \$5,000. The following selected items have been highlighted due to the amount of the variance to the budget or due to the nature of the revenue/expenditure. A full listing and explanation of all items considered of material variance is disclosed in Note 2.

Capital Expenditue			
Infrastructure Assets - Roads	🔺 Ş	\$ 1,127,117	Major road project delays
Capital Revenue			
Non-operating Grants, Subsidies and Contributions	•	(\$607,974)	White Cliffs and Binnu West
			funding delays

~

%						
Collected /						
Completed	An	nual Budget		YTD Budget	١	TD Actual
85%	\$	1,269,545	\$	634,770	\$	1,079,814
54%	\$	755,520	\$	566,622	\$	408,980
37%	\$	2,998,860	\$	2,249,073	\$	1,121,956
28%	\$	162,840	\$	122,112	\$	45,313
100%	\$	82,810	\$	62,107	\$	82,810
0%	\$	220,000	\$	164,999	\$	-
0%	\$	210,000	\$	157,499	\$	-
46%	\$	632,490	\$	474,354	\$	290,492
78%	\$	1,721,535	\$	1,331,393	\$	1,334,374
54%	\$	3,776,775	\$	2,656,416	\$	2,048,442
62%	\$	5,498,310	\$	3,987,809	\$	3,382,816
100%	\$	4,206,481	\$	4,195,618	\$	4,209,279
	Collected / Completed 85% 54% 37% 28% 100% 0% 0% 46% 78% 54% 62%	Collected / Completed An 85% \$ 54% \$ 37% \$ 28% \$ 100% \$ 0% \$ 46% \$	Collected / Completed Annual Budget 85% \$ 1,269,545 54% \$ 755,520 37% \$ 2,998,860 28% \$ 162,840 100% \$ 82,810 0% \$ 220,000 0% \$ 5,498,310	Collected / Completed Annual Budget 85% \$ 1,269,545 \$ 54% \$ 755,520 \$ 37% \$ 2,998,860 \$ 28% \$ 162,840 \$ 100% \$ 82,810 \$ 0% \$ 220,000 \$ 0% \$ 220,000 \$ 0% \$ 220,000 \$ 0% \$ 210,000 \$ 46% \$ 632,490 \$ 78% \$ 1,721,535 \$ 54% \$ 3,776,775 \$ 62% \$ 5,498,310 \$	Collected / Completed Annual Budget YTD Budget 85% \$ 1,269,545 \$ 634,770 54% \$ 755,520 \$ 566,622 37% \$ 2,998,860 \$ 2,249,073 28% \$ 162,840 \$ 122,112 100% \$ 82,810 \$ 62,107 0% \$ 220,000 \$ 164,999 0% \$ 210,000 \$ 157,499 46% \$ 632,490 \$ 474,354 78% \$ 1,721,535 \$ 1,331,393 54% \$ 3,776,775 \$ 2,656,416 62% \$ 5,498,310 \$ 3,987,809	Collected / Completed Annual Budget YTD Budget YTD Budget 85% \$ 1,269,545 \$ 634,770 \$ 54% \$ 755,520 \$ 566,622 \$ 37% \$ 2,998,860 \$ 2,249,073 \$ 28% \$ 162,840 \$ 122,112 \$ 100% \$ 82,810 \$ 62,107 \$ 0% \$ 220,000 \$ 164,999 \$ 0% \$ 210,000 \$ 157,499 \$ 46% \$ 632,490 \$ 474,354 \$ 78% \$ 1,721,535 \$ 1,331,393 \$ 54% \$ 3,776,775 \$ 2,656,416 \$ 62% \$ 5,498,310 \$ 3,987,809 \$

% Compares current ytd actuals to annual budget

Financial Position		E	Closing Balance 30	rrent Year 30 April 2016
Adjusted Net Current Assets	306%	\$	848,229	\$ 2,591,896
Cash and Equivalent - Unrestricted	278%	\$	723,776	\$ 2,008,766
Cash and Equivalent - Restricted	84%	\$	3,578,772	\$ 3,019,810
Receivables - Rates	279%	\$	160,199	\$ 446,321
Receivables - Other	80%	\$	87,046	\$ 69,728
Payables	103%	\$	315,761	\$ 325,292

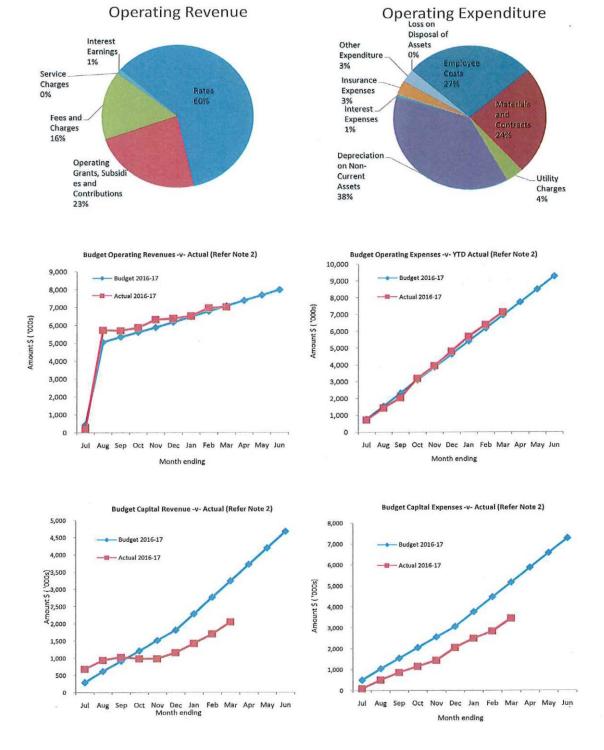
% Compares current ytd actuals to prior year actuals at the same time

Note: The Statements and accompanying notes are prepared based on all transactions recorded at the time of preparation and may vary due to transactions being processed for the reporting period after the date of preparation.

Preparation

Prepared by: Grant Middleton Date prepared: 5/04/2017





SHIRE OF NORTHAMPTON Information Summary For the Period Ended 31 March 2017

This information is to be read in conjunction with the accompanying Financial Statements and Notes.



SHIRE OF NORTHAMPTON STATEMENT OF FINANCIAL ACTIVITY (Statutory Reporting Program) For the Period Ended 31 March 2017

Opening Funding Surplus(Deficit)	Note	Annual Budget	Budget (a)	Actual (b)	(b)-(a)	(a)/(a)	Va
spennig runung surprus(senercy	3	\$ 848,229	\$ 848,229	\$ 809,879	\$ (38,350)	% (5%)	
evenue from operating activities							
Governance		50,200	37,629	40,187	2,558	7%	
Seneral Purpose Funding	9	5,782,398	5,393,796	5,371,242	(22,554)	(0%)	
aw, Order and Public Safety		91,280	68,436	70,869	2,433	4%	
lealth		52,500	39,366	37,845	(1,522)	(4%)	
ducation and Welfare		195,585	146,664	163,937	17,273	12%	
lousing		33,196 838,127	24,894 816,612	28,572 843,088	3,678 26,476	15% 3%	
Community Amenities Recreation and Culture		45,750	34,272	36,513	2,241	7%	1
Transport		167,210	165,644	172,458	6,814	4%	
conomic Services		167,745	125,775	151,757	25,982	21%	
Other Property and Services		123,818	92,826	93,930	1,104	1%	
	2	7,547,809	6,945,914	7,010,397			
xpenditure from operating activities		(024.402)	1520 500	(622.204)	(c	1	
iovernance		(834,493)	(630,588)	(632,204)	(1,616)	(0%)	
General Purpose Funding		(104,457)	(78,309)	(74,341)	3,968	5%	1
aw, Order and Public Safety		(341,833)	(256,239)	(266,751)	(10,512)	(4%)	
lealth		(205,562)	(154,089)	(144,145)	9,944	6%	1
ducation and Welfare -		(245,937)	(184,365)	(208,501)	(24,136)	(13%)	
ousing		(115,122)	(86,211)	(94,549)	(8,338)	(10%)	
ommunity Amenities		(1,475,160)	(1,106,010)	(1,032,251)	73,759	7%	
ecreation and Culture		(1,627,590)	(1,220,130)	(1,357,086)	(136,956)	(11%)	
ransport		(4,028,696)	(3,018,150)	(3,065,541)	(47,391)	(2%)	
conomic Services		(278,173)	(208,557)	(251,970)	(43,413)	(21%)	
ther Property and Services		(40,508)	(30,249)	(3,296)	26,953	89%	
	8	(9,297,531)	(6,972,897)	(7,130,634)	100		
perating activities excluded from budget							
dd back Depreciation		3,623,365	2,717,487	2,697,178	(20,309)	(1%)	
djust (Profit)/Loss on Asset Disposal	8	12,000	5,498	418	(5,080)	(92%)	
djust Provisions and Accruals	U	0	0	0	(0)000)	(
Amount attributable to operating activities	s	1,885,643	2,696,002	2,577,359	0		
ivesting Activities							
on-operating Grants, Subsidies and Contributions	11	3,776,775	2,656,416	2,048,442	(607,974)	(23%)	
roceeds from Disposal of Assets	8	135,000	113,747	77,759	(35,988)	(32%)	
and Held for Resale	40	0	0		0		
and and Buildings	13	(2,306,030)	(1,415,832)	(1,681,642)	(265,810)	(19%)	
frastructure Assets - Roads	13	(2,998,860)	(2,249,073)	(1,121,956)	1,127,117	50%	-
frastructure Assets - Parks and Gardens	13	(778,550)	(583,875)	(426,424)	157,451	27%	-
frastructure Assets - Footpaths	13	(432,840)	(324,612)	(45,313)	279,299	86%	
ifrastructure Assets - Drainage	13	0	0	0	0		
lant and Equipment	13	(609,980)	(481,774)	(181,730)	300,044	62%	
urniture and Equipment	13	0	0	0	0		
Amount attributable to investing activities	5	(3,214,485)	(2,285,003)	(1,330,863)			1
nancing Actvities							1
roceeds from New Debentures		400,000	199,998	400,000	200,002	100%	
roceeds from Advances		400,000	0	400,000	200,002	100/0	
elf-Supporting Loan Principal		22,043	16,524	12,610	(3,914)	(24%)	
ransfer from Reserves	7	343,500	229,000	385,317	156,317	68%	
epayment of Debentures	10	(177,773)		(128,163)			
			(118,515)	(128,163)	(9,648)	(8%)	
ransfer to Reserves Amount attributable to financing activities	, ⁷ .	(107,157) 480,613	(71,438) 255,569	(134,242) 535,521	(62,804)	(88%)	
					_		
losing Funding Surplus(Deficit)	• 3	(0)	1,514,797	2,591,896	1,077,100	71%	

Indicates a variance between Year to Date (YTD) Budget and YTD Actual data as per the adopted materiality threshold. Refer to Note 2 for an explanation of the reasons for the variance.

This statement is to be read in conjunction with the accompanying Financial Statements and notes.



SHIRE OF NORTHAMPTON STATEMENT OF FINANCIAL ACTIVITY (By Nature or Type) For the Period Ended 31 March 2017

	Note	Amended Annual Budget	Amended YTD Budget	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Var
	Hote	Ś	Ś	\$	\$	%	
Opening Funding Surplus (Deficit)	3	848,229	848,229	809,879	(38,350)	(5%)	•
Revenue from operating activities							
Rates	9	4,206,481	4,195,618	4,209,279	13,661	0%	-
Operating Grants, Subsidies and							
Contributions	11	2,066,265	1,589,855	1,630,572	40,717	3%	-
ees and Charges		1,164,763	1,061,475	1,095,435	33,960	3%	-
nterest Earnings		110,300	98,966	75,112	(23,854)	(24%)	
Other Revenue		0	0	0	0		
rofit on Disposal of Assets	8	0	0	5,514		_	
		7,547,809	6,945,914	7,015,911			
xpenditure from operating activities							
mployee Costs		(2,610,020)	(1,956,996)	(1,953,694)	3,302	0%	-
Naterials and Contracts		(2,131,893)	(1,598,337)	(1,732,827)	(134,490)	(8%)	
tility Charges		(364,375)	(273,087)	(264,826)	8,261	3%	4
epreciation on Non-Current Assets		(3,623,365)	(2,717,487)	(2,697,178)	20,309	1%	4
terest Expenses		(62,923)	(47,169)	(48,829)	(1,660)	(4%)	
isurance Expenses		(220,260)	(164,862)	(225,285)	(60,423)	(37%)	
ther Expenditure		(272,695)	(209,461)	(207,577)	1,884	1%	-
oss on Disposal of Assets	8	(12,000)	(5,498)	(5,931)			
		(9,297,531)	(6,972,897)	(7,136,147)			
perating activities excluded from budget							
dd back Depreciation		3,623,365	2,717,487	2,697,178	(20,309)	(1%)	
djust (Profit)/Loss on Asset Disposal	8	12,000	5,498	418	(5,080)	(92%)	
djust Provisions and Accruals			0	0	0		
Amount attributable to operating activities		1,885,643	2,696,002	2,577,359			
vesting activities							
rants, Subsidies and Contributions	11	3,776,775	2,656,416	2,048,442	(607,974)	(23%)	
roceeds from Disposal of Assets	8	135,000	113,747	77,759	(35,988)	(32%)	
and Held for Resale		. 0	0	0	0		
and and Buildings	13	(2,306,030)	(1,415,832)	(1,681,642)	(265,810)	(19%)	
frastructure Assets - Roads	13	(2,998,860)	(2,249,073)	(1,121,956)	1,127,117	50%	4
frastructure Assets - Parks and Gardens	13	(778,550)	(583,875)	(426,424)	157,451	27%	1
frastructure Assets - Footpaths	13	(432,840)	(324,612)	(45,313)	279,299	86%	-
frastructure Assets - Drainage	13	0	0	0	0		
eritage Assets	13	0	0	0	0		
ant and Equipment	13	(609,980)	(481,774)	(181,730)	300,044	62%	4
urniture and Equipment	13	0	0	0	0		
Amount attributable to investing activities		(3,214,485)	(2,285,003)	(1,330,863)			
nancing Activities							04
roceeds from New Debentures		400,000	199,998	400,000	200,002	100%	-
roceeds from Advances		0	0	0	0		
elf-Supporting Loan Principal		22,043	16,524	12,610	(3,914)	(24%)	
ransfer from Reserves	7	343,500	229,000	385,317	156,317	68%	2
dvances to Community Groups		0	0	0	0		
epayment of Debentures	10	(177,773)	(118,515)	(128,163)	(9,648)	(8%)	
ransfer to Reserves	7	(107,157)	(71,438)	(134,242)	(62,804)	(88%)	1
Amount attributable to financing activities		480,613	255,569	535,521			
	3	(0)	1,514,797	2,591,896			

Indicates a variance between Year to Date (YTD) Budget and YTD Actual data as per the adopted materiality threshold. Refer to Note 2 for an explanation of the reasons for the variance.

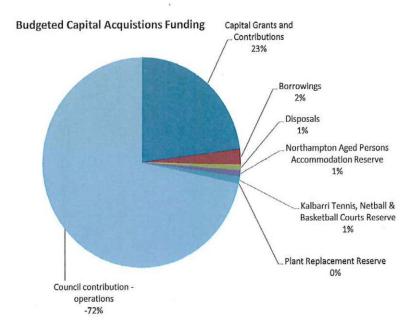
This statement is to be read in conjunction with the accompanying Financial Statements and notes.



SHIRE OF NORTHAMPTON STATEMENT OF CAPITAL ACQUSITIONS AND CAPITAL FUNDING For the Period Ended 31 March 2017

Capital Acquisitions

		YTD Actual New	YTD Actual (Renewal	Amended	Amended Annual	YTD Actual	
	Note	/Upgrade (a)	Expenditure) (b)		Budget	Total (c) = (a)+(b)	Variance (d) - (c)
		\$	\$	\$	\$	\$	\$
Land and Buildings	13	(1,681,642)	0	(1,415,832)	(2,306,030)	(1,681,642)	(265,810)
Infrastructure Assets - Roads	13	0	(1,121,956)	(2,249,073)	(2,998,860)	(1,121,956)	1,127,117
Infrastructure Assets - Parks & Ovals	13	(424,167)	(2,257)	(583,875)	(778,550)	(426,424)	157,451
Infrastructure Assets - Footpaths	13	0	(45,313)	(324,612)	(432,840)	(45,313)	279,299
Plant and Equipment	13	0	(181,730)	(481,774)	(609,980)	(181,730)	300,044
Capital Expenditure Totals		(2,105,809)	(1,351,255)	(5,055,166)	(7,126,260)	(3,457,064)	1,598,102
Capital acquisitions funded by:							
Capital Grants and Contributions				2,656,416	3,776,775	2,048,442	
Borrowings				199,998	400,000	400,000	
Disposals				113,747	135,000	77,759	
Council contribution - Cash Backed Reserves							
Northampton Aged Persons Accommod	ation Re	serve		110,000	165,000	165,000	
Kalbarri Tennis, Netball & Basketball Co	urts Res	erve		112,667	169,000	169,000	
Plant Replacement Reserve				0	0	0	
Council contribution - operations				(8,247,994)	(11,772,035)	(6,317,266)	
Capital Funding Total				(5,055,166)	(7,126,260)	(3,457,064)	





Note 2: Explanation of Material Variances

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date budget materially.

The material variance adopted by Council for the 2016/17 year is \$5,000.

Reporting Program	Var. \$	Var.%	Var.	Timing/ Permanent	Explanation of Variance
Operating Revenues	\$	%			
General Purpose Funding	(22,554)	(0%)		Timing	Var largely due to additional rates discount allowed
Education and Welfare	17,273	12%		Permanent	Additional NCCA Revenue compred to budget
Community Amenities	26,476	3%		Timing	Var due to industrial refuse fees budget profile
Transport	6,814	4%		Timing	Actuals and Budget will converge as year progresses
Economic Services	25,982	21%	4	Timing	Var due to Halfway Bay lease fees budget profile
Operating Expense					
Law, Order and Public Safety	(10,512)	(4%)		Permanent	Var due to repairs and fire event attendance, CBFCO etc
Health	9,944	6%	•	Timing	Var due to reduced salaries and vehicle maint costs
Education and Welfare	(24,136)	(13%)	V	Permanent	Additional NCCA Expenditure compred to budget
Housing	(8,338)	(10%)	•	Timing	Additional housing maint and depreciation costs
Community Amenities	73,759	7%		Timing	Var due to Town Planning consultant fees delay
Recreation and Culture	(136,956)	(11%)	▼	Timing	Timing issue, actuals and budget will reconcile
Fransport	(47,391)	(2%)	•	Timing	Var will decrease as road construction ramps up
Economic Services	(43,413)	(21%)	V	Timing	Inc Lucky Bay & Reserves backed Spec Area Expenditure
Other Property and Services	26,953	89%		Timing	Actuals and Budget will converge as year progresses
Capital Revenues					
Non-operating Grants, Subsidies and					
Contributions	(607,974)	(23%)	•	Timing	White Cliffs and Binnu West funding delays
Proceeds from Disposal of Assets	(35,988)	(32%)	Y	Timing	Truck trade (x2) delayed
Capital Expenses					
Land and Buildings	(265,810)	(19%)	•	Timing	Actuals and Budget will converge as projects completed
nfrastructure Assets - Roads	1,127,117	50%		Timing	Major road project delays
Infrastructure Assets - Parks and Gardens	157,451	27%		Timing	Actuals and Budget will converge as year progresses
Infrastructure Assets - Footpaths	279,299	86%		Timing	DUP footpaths for Kalbarri foreshore postponed
Plant and Equipment	300,044	62%		Timing	Two 6 wheel trucks to be delivered May/June

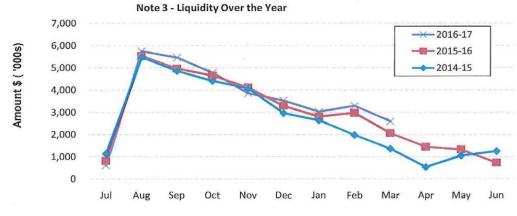


Note 3: Net Current Funding Position

Positive=Surplus (Negative=Deficit)

	Note	Last Years (Budgeted) Closing 30 June 2016	Last Years (Audited) Closing 30 June 2016	Current 31 Mar 2017
		\$	\$	\$
Current Assets				
Cash Unrestricted	4	723,776	653,612	2,008,766
Cash Restricted	4	3,578,772	3,642,197	3,019,810
Receivables - Rates	6	160,199	229,706	446,321
Receivables - Other	6	87,046	124,784	69,728
Receivables - Rubbish		46,487	46,487	58,375
Emergency Services Levy		63,798	63,798	69,490
Interest / ATO Receivable/Trust		107,167	0	79,283
Land Held for Resale		245,455	0	233,182
Inventories		10,555	10,555	11,551
Accruals/Adjustment		0	0	0
		5,023,255	4,771,139	5,996,507
Less: Current Liabilities				
Payables		(315,761)	(323,695)	(325,292)
Income Received in Advance		(2,329,780)	(2,311,371)	(1,986,854)
Provisions/Accruals/Adjustment		(245,455)	(42,163)	(59,509)
		(2,890,996)	(2,677,229)	(2,371,655)
Less: Cash Reserves	7	(1,284,031)	(1,284,031)	(1,032,956)
Net Current Funding Position		848,229	809,879	2,591,896





Comments - Net Current Funding Position



Note 4: Cash and Investments

					Total		Interest	Maturity
		Unrestricted	Restricted	Trust	Amount	Institution	Rate	Date
		\$	\$	\$	\$			
(a)	Cash Deposits							
	Municipal Bank Account	1,507,316			1,507,316	National	-	At Call
	Trust Bank Account			210,263	210,263	National	•	At Call
	OCDF - Horrocks				0	WATC	1.45%	N/A
	OCDF - Binnu/White Cliffs		1,986,854		1,986,854	WATC	1.45%	N/A
	Cash On Hand	1,450			1,450	N/A	Nil	On Hand
(b)	Term Deposits - Municipal							
	TD 31-578-****	0			0	National	2.46%	23-Jun-1
	TD 31-555-****	0			0	National	2.68%	31-May-1
	TD 31-509-****	500,000		1	500,000	National	2.69%	31-May-1
(c)	Term Deposits - Reserves							
	TD 16-236-****		721,105		721,105	National	2.70%	23-Jun-1
	TD 88-610-****		311,852		311,852	National	2.72%	31-May-1
	Total	2,008,766	3,019,810	210,263	5,238,840	_		

Comments/Notes - Investments



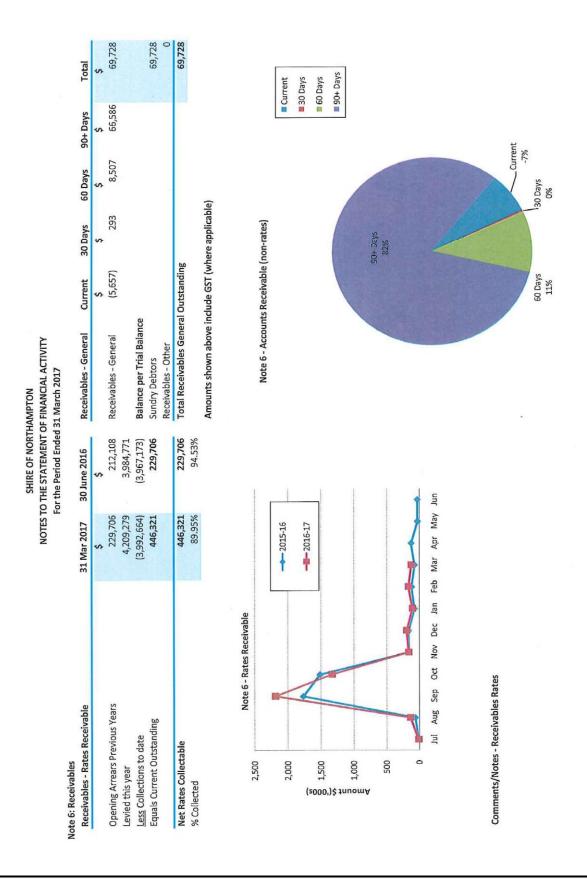
SHIRE OF NORTHAMPTON NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 31 March 2017

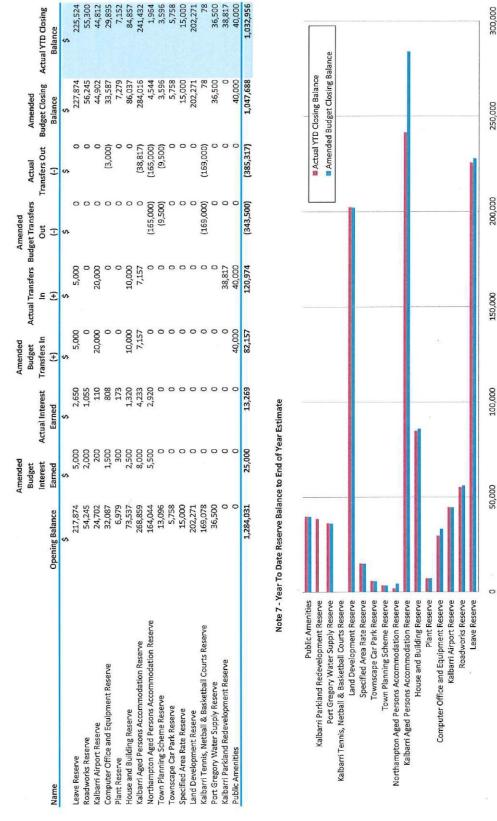
Note 5: Budget Amendments Amendments to original budget since budget adoption. Surplus/(Deficit)

0032 0422 0495 0442 0492 0762 1152 1072	Permanent Changes Opening surplus adjustment Expenditure Adjustments Conference Expenses - Savings, non attendance to LGMA conference Election Expenses - No election scheduled 16/17 Printing and Stationery - Additional costs to print letterheads etc Office Security - Add costs to upgrade security systems due to NBN Advertising - Additional unbudgeted advertising for Local Laws review Office Expenses - Add costs for valuation/survey Lot 101 Mitchell St Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17 Youth Programs - Savings no payment 16/17	Opening Deficit Adjustment Operating Expenses Operating Expenses Operating Expenses Operating Expenses Operating Expenses Operating Expenses	\$ 3,000 1,500	\$ (38,332)	\$ (38,33 (35,33
0032 0422 0495 0442 0492 0762 1152 1072	Opening surplus adjustment <u>Expenditure Adjustments</u> Conference Expenses - Savings, non attendance to LGMA conference Election Expenses - No election scheduled 16/17 Printing and Stationery - Additional costs to print letterheads etc Office Security - Add costs to upgrade security systems due to NBN Advertising - Additional unbudgeted advertising for Local Laws review Office Expenses - Add costs for valuation/survey Lot 101 Mitchell St Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17	Operating Expenses Operating Expenses Operating Expenses Operating Expenses Operating Expenses	3,000		
0032 0422 0495 0442 0492 0762 1152 1072	Conference Expenses - Savings, non attendance to LGMA conference Election Expenses - No election scheduled 16/17 Printing and Stationery - Additional costs to print letterheads etc Office Security - Add costs to upgrade security systems due to NBN Advertising - Additional unbudgeted advertising for Local Laws review Office Expenses - Add costs for valuation/survey Lot 101 Mitchell St Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17	Operating Expenses Operating Expenses Operating Expenses Operating Expenses			(35,33
0032 0422 0495 0442 0492 0762 1152 1072	Election Expenses - No election scheduled 16/17 Printing and Stationery - Additional costs to print letterheads etc Office Security - Add costs to upgrade security systems due to NBN Advertising - Additional unbudgeted advertising for Local Laws review Office Expenses - Add costs for valuation/survey Lot 101 Mitchell St Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17	Operating Expenses Operating Expenses Operating Expenses Operating Expenses	1,500		
0495 0442 0492 0762 1152 1072	Office Security - Add costs to upgrade security systems due to NBN Advertising - Additional unbudgeted advertising for Local Laws review Office Expenses - Add costs for valuation/survey Lot 101 Mitchell St Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17	Operating Expenses Operating Expenses			(33,83
0495 0442 0492 0762 1152 1072	Office Security - Add costs to upgrade security systems due to NBN Advertising - Additional unbudgeted advertising for Local Laws review Office Expenses - Add costs for valuation/survey Lot 101 Mitchell St Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17	Operating Expenses		(2,500)	(36,33
0492 0762 1152 1072	Office Expenses - Add costs for valuation/survey Lot 101 Mitchell St Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17			(469)	(36,80
0762 1152 1072	Bad Debt Write Off - No bad debt write-off 16/17 Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17	Onerating Expenses		(5,000)	(41,80
1152 1072	Port Gregory Fire Shed - RCD testing Aerial Inspections - Savings no aerial inspections 16/17	obergring exhenses		(4,045)	(45,84
1072	Aerial Inspections - Savings no aerial inspections 16/17	Operating Expenses	1,000		(44,84
		Operating Expenses		(930)	(45,7)
1314	Youth Programs - Savings no navment 16/17	Operating Expenses	1,500		(44,2)
	Total Tobrand Savings no payment rot r	Operating Expenses	2,000		(42,2)
3282	Lot 605 Salamit Kalbarri- Replace dishwasher	Operating Expenses		(935)	(43,2)
3282	Lot 605 Salamit Kalbarri - Replace Oven	Operating Expenses		(1,220)	(44,4)
	Lot 74 Seventh Ave Northampton - Replace damaged rear fence	Operating Expenses		(1,586)	(46,0)
	Misc ESL Property Payments - Savings, no misc ESL property payments	Operating Expenses	1,000		(45,0)
	Binnu Refuse Site - DER Assessment for new site delayed until 2017/2018	Capital Expenses	15,000		(30,0
	Binnu Refuse Site - Savings with earthworks for new pit	Capital Expenses	3,640	(0.000)	(26,3)
	Hampton Garden Toilets - Extra costs for septic pump outs	Operating Expenses		(2,600)	(28,9
	Kalbarri Jetty Toilets - Costs incurred for vandalism	Operating Expenses		(2,560)	(31,5
	Sally's Tree Toilets - Savings with installation off Grinder Pump	Capital Expenses	4,876	14 0001	(26,6
	Binnu Ablutions - Extra septic pump out costs and install septic tank risers	Operating Expenses		(4,022)	(30,6
	Port Gregory Hall - Costs incurred for new switchboard & RCD installation	Operating Expenses		(1,850)	(32,5
	Allen Centre Kalbarri - Extra costs to Install new phone system	Operating Expenses	220	(2,261)	(34,7
	Allen Centre Kalbarri - Office chairs not replaced	Operating Expenses	330	11 2021	(34,4
	RSL Hall Northampton - Supply and fit new bench top - not paid 30/06/14	Operating Expenses	4 000	(1,363)	(35,8
	Hampton Gardens - Savings occurred on construction of steps/access	Capital Expenses	4,890	12 (20)	(30,9
	Lions Park - Extra septic pump out costs	Operating Expenses		(2,678)	(33,6)
	Lions Park - Install Lights and Sensors	Operating Expenses		(691)	(34,3)
	Kalbarri Foreshore - Replance playground equipment - Arch Bridge	Operating Expenses		(2,479) (2,750)	(36,7)
	Kalbarri Foreshore - Tree lopping	Operating Expenses		(2,750)	(41,80
	Kalbarri Foreshore - Solinoid Valves, Gear Drive Sprinklers, Hunter Sprinklers	Operating Expenses Operating Expenses		(1,845)	(43,65
	Kalbarri Foreshore - Replace Bollards			(2,720)	(46,3)
	Horrocks Foreshore - Replace playground rocker	Operating Expenses		(1,490)	(47,86
	Horrocks Foreshore - Service/repairs to bore pump	Operating Expenses Operating Expenses		(1,450)	(49,3)
	Northampton Community Centre - Install 3 phase outlets, approved by Council Northampton Oval - Sweep carpark and Roads	Operating Expenses		(1,490)	(50,8:
		Operating Expenses		(1,547)	(52,3
	Northampton Oval - Replace Sprinklers Old Roads Board Building Northampton - Install RCD's	Operating Expenses		(2,140)	(54,49
	Footpath Construction - works budgeted twice, works complete overall savings	Capital Expenses	55,590	(2,140)	1,0
	Northampton Depot - Electrical tagging	Operating Expenses	33,330	(1,540)	(4
	Kalbarri Depot - Electrical tagging	Operating Expenses		(930)	(1,3
	Kalbarri Airport - Additional costs for generator electrical failure	Operating Expenses		(3,580)	(4,9
	Lucky Bay Caretaker Setup - Savings, no further expenditure to establish required	Capital Expenses	41,800	(5,500)	36,8
	Tyres and Tubes - Extra costs incurred for tyre purchases & repairs	Operating Expenses	42,000	(10,000)	26,8
	Insurance & Licenses - Additional workers compensation Insurance	Operating Expenses		(4,455)	22,3
	Revenue Adjustments	operating expenses		(1)1007	22,3
	Rates General - Additional rates levied	Operating Revenue	11,379		33,7
	Rates General - Correction of ESL rates error from 12/13	Operating Revenue		(11,991)	21,7
	Rates Discount - Additional discount claimed	Operating Revenue		(8,480)	13,2
	Legal Fees - Reimbursement of Legal Fees (No budget)	Operating Revenue	11,283	(-//	24,5
	General Grant & Road Grant, overall reduction in grant	Operating Revenue	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	(2,232)	22,3
	Interest on Investments - Based on current trend be a shortfall	Operating Revenue		(20,000)	2,3
	Other Income/Contributions - Loan to NCCA repaid	Operating Revenue	10,000	(12,5
	Rebates/commissions - Reduced income compared to budget	Operating Revenue		(8,900)	3,4
0623	Reimbursements - No block clearing recharging required for 16/17	Operating Revenue		(4,500)	3,4 (1,0
	Residential Housing Rental - Additional property rent	Operating Revenue	5,000		3,9
	Residential Refuse Charges - Additional income received	Operating Revenue	4,515		8,4
	Burial Fee's/Niche Wall - Additional income received	Operating Revenue	2,000		10,4
	Community Bus - Additional Bus hire received	Operating Revenue	1,500		11,9
	Reimbursements - Reduced Power reimbursements compared to budget	Operating Revenue		(2,500)	9,4
	Employment Incentive - MEEDAC	Operating Revenue	7,500		16,9

189,303 (172,342)







Shire of Northampton Simply Remarkable

Note 7: Cash Backed Reserve



			ĺ	(Loss)	ş					(1,000)	(13,000)		(14,000)
		udget		Profit	ş		1,000	1,000					2,000
		Amended Budget		Proceeds	ş		20,000	30,000	15,000	30,000	40,000	0	135,000
			Net Book	Value	ş		19,000	29,000	15,000	31,000	53,000	0	147,000
L ACTIVITY 017				(Loss)	s		(181)					(5,000)	(5,931)
FHAMPTON OF FINANCIA d 31 March 21		lal		Profit	ş			5,514					5,514
SHIRE OF NORTHAMPTON TO THE STATEMENT OF FINANCIAL A For the Period Ended 31 March 2017		YTD Actual		Proceeds	ş		20,909	36,850	15,000			5,000	77,759
SHIRE OF NORTHAMPTON NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 31 March 2017			Net Book	Value	ş		21,841	31,336	15,000			10,000	78,177
	Note 8: Disposal of Assets			Asset Description		Plant and Equipment	Hyundai Santa Fe 2013 101NR (DCEO)	Toyota Prado DSL 2013 131NR (MWS)	Mitsubishi Canter 4x2 Maint NR107	Mitsubishi Truck NR7949 (Prime Mover)	Iveco Powerstar 6x4 NR1209 Tip Truck	Nissan 2002 Kalbarri Community Bus	
a.	Note 8: Di		Asset	Number			P251	P223	P167	P136	7119	P267	



		Ň	SHIRE OF NORTHAMPTON NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 31 March 2017	SHIRE OF NORTHAMPTON TO THE STATEMENT OF FINANCIAL A For the Period Ended 31 March 2017	MPTON FINANCIAL AC L March 2017	YTIVIT					
Note 9: Rating Information		Number			YTD Acutal	utal			Amended Budget	Budget	
		of	Rateable	Rate	Interim	Back	Total	Rate	Interim	Back	Total
	Rate in	Properties	Value	Revenue	Rates	Rates	Revenue	Revenue	Rate	Rate	Revenue
RATE TYPE	\$		s	\$	\$	ŝ	s	s	ŝ	ŝ	s
Differential General Rate											
General GRV	0.0776	1,577	20,026,809	1,552,271	11,117	517	1,563,905	1,553,079	0	0	1,553,079
General UV	0.0124	512	179,477,737	2,221,036			2,221,086	2,221,037	0	0	2,221,037
Sub-Totals		2,089	199,504,546	3,773,307	11,117	517	3,784,941	3,774,116	0	0	3,774,116
	Minimum										
Minimum Payment	ş										
General GRV	520.00	676	3,781,019	209,080	1,394		510,474	503,880	0	0	503,880
General UV	520.00	.43	655,079	22,360	0	(5)	22,355	27,560	0	0	27,560
Sub-Totals		1,022	4,436,098	531,440	1,394	(2)	532,829	531,440	0	0	531,440
		3,111	203,940,644	4,304,747	12,511	512	4,317,770	4,305,556	0	0	4,305,556
Discounts/Concession							(151,606)				(142,500)
Amount from General Rates							4,166,164				4,163,056
Ex-Gratia Rates							0				0
Specified Area Rates							43,115				43,425
Totals							4,209,279				4,206,481
Comments - Rating Information											

(a) Depenture Kepayments			;	i				3
			Repay	Principal Repayments	Principal Outstanding	pal Iding	Interest Repayments	est nents
		New		Amended		Amended	-	Amended
Particulars	01 Jul 2016	Loans	Actual	Budget	Actual	Budget	Actual	Budget
			ş	\$	ş	\$	\$	\$
Recreation and Culture								
Loan 148A - Kalbarri Library Extension	77,059		24,654	24,654	52,405	52,405	3,147	3,350
Transport								
Loan 149 - Plant Purchases	131,621		31,167	63,465	100,454	68,156	5,311	9,390
Loan 153 - Plant Purchases	288,823		36,501	36,501	252,322	252,322	12,181	13,045
Other Property and Services								
Loan 154 - Staff Housing	319,884		15,428	31,110	304,456	288,774	6,287	12,260
Self Supporting Loans								
Loan 147 - Kalbarri Bowling Club	3,317		3,317	3,315	(0)	2	173	175
Loan 151 - Kalbarri Bowling Club	14,097		1,588	3,220	12,509	10,877	468	885
Loan 152 - Staff Housing	360,776		15,508	15,508	345,268	345,268	21,263	23,818
Loan 155 - Pioneer Lodge	0	400,000			400,000	400,000		
	1,195,577	400,000	128,163	177,773	1,467,414	1,417,804	48,829	62,923

All debenture repayments were financed by general purpose revenue except loans 147, 151, 152 & 155 which are self supporting loans.

(b) New Debentures

Loan 155 totalling \$400,000 for the Pioneer Lodge Development was received in February 2017.



NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 31 March 2017

SHIRE OF NORTHAMPTON



SHIRE OF NORTHAMPTON

Gene Floride Type Opening Ammende Budd Real Propose Funding Manuel Real 0	Opening Balance (a) (a) (a) (a) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		1 545 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	YTD Budget 5 603,858 505,581 505,581 24,750 24,750 24,750 24,750 153,998 59,998 134,996 55,998	Annual Post Budget Variations (d) (e) 574,110 574,545 33,780 33,780 33,780 33,780 33,780 33,780 6 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,0000 10,00000000	tt inns Expected (dHe) 7,4,110 33,780 33,780 33,780 33,780 33,780 0 0 0 138,050 138,050 138,050	TTD Actual Flowenue (Expended) 45 607,612 10 5,5,5 25,6,40 (28,0 26,640 (28,0 25,640 (28,0 45 750,209 (1,079,8 0 25,640 (28,0 1333 4,945 (1,079,8 0 25,540 (1,079,8 0 25,540 (1,079,8 0 25,540 (1,079,8 0 22,208 (1,079,8 0 4,528 (9,1 00 4,528 (9,1	255) 00000000000000000000000000000000000	Unspent Grant Grant (a)+(b)+(c) \$ 0 1,333 (329,605) 4,949 (134,966) (134,966
Instruction	Balance Balance (a) (a) (a) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		1 545 0 0 0 0 0 0 0 0 0 0 0 0 0	8 udget \$ \$ 505,581 505,581 0 24,750 24,750 24,750 24,750 352,335 0 24,750 24,750 25,998 35,998 35,998	245 245 260 0 000 0 000 0 000 0 000 0 000 0 000 0	Expec (d)+(3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Inspert Caratt 5 5 0 1,1,333 1
atera function state recting functions: - Generating WALGSC Operating 0 54/310 rections: - Generating WALGSC Operating 0 54/310 rections: - Generating buch fire folged WALGSC Operating 0 54/310 words: - Operating buch fire folged Dept: of fire & Emergenory. Serv. Operating 0 54/310 words: - Operating buch fire folged Dept: of fire & Emergenory. Serv. Operating 0 54/310 words: - Operating buch fire folged Dept: of fire & Emergenory. Serv. Operating 0 54/310 words: - Operating buch fire folged Dept: of fire & Emergenory. Serv. Operating 0 54/310 words: - Operating Dept: of fire & Emergenory. Serv. Operating 0 54/310 words: - Operating Dept: of fire & Emergenory. Serv. Operating 0 54/310 words: - Operating Dept: of fire & Emergenory. Serv. Non-operating 0 50/30 words: - Operating Dept: of fire & Emergenory. MOCO Non-operating 0 50/30		\$ 813,145 674,110 33,780 33,780 33,780 33,780 6,500 6 6,500 6	\$ 0 0 704,545 714,545 1380,000 1380,000 80,000 225,000	\$ 609,858 505,581 24,750 24,750 352,272 352,272 0 134,996 134,996 35,998 134,996 134,596	813,145 674,110 33,780 33,780 33,780 33,780 33,780 33,780 33,780 6,500 180,000 180,000	813,1 674,1 33,7 33,05 5,5 6,5 8,00,081	··· • •		\$ 0 1,333 1,333 2,329,605) 2,329,605) 2,349 (134,936) (134,936) (134,936) 0 0 (134,936) 0 0 0 0 0 (124,036) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Answister Musical Commission - Reading to Commission - Reading		813,145 674,110 33,780 33,780 33,780 33,780 6,500 6,500 6,500	0 0 704,545 1380,000 1380,000 80,000 225,000	609,858 505,581 0 24,750 352,272 352,372 0 134,996 134,996 134,996 134,996	813,145 674,110 33,780 33,780 33,000 33,000 33,000 6,500 180,000 180,000 280,000	813,1 674,5 33,07 5,5 5,5 6,5 6,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8		0 0 (125,684) (128,011) (128,012) (12,029,02) (12,155) (2,155) (2,155) (2,155) (2,1058)	0 1,233 (202,205) (222,205) (134,936) (134,936) (134,936)
manufactor Mucrosci totare moderation Wildocci totare moderation Manufactor Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>		574,110 33,780 33,780 33,780 6,500 6,500	0 0 704,545 704,545 1380,000 1380,000 882,000	505,581 505,881 24,750 352,272 352,272 0 4,869 134,996 35,998 134,296	674,110 33,780 33,780 33,780 33,780 33,780 33,780 6,545 0 6,545 0 6,500 1380,000 1380,000	574,5 33,7 704,5 6,5 6,5 8,3 0,0,081		0 (25,684) (28,011) (28,011) (28,011) (1,079,814) 0 (1,079,814) (157,144) (157,144) (157,146) (171,058) (71,058)	1,333 1,232,605 1,349 1,349 1,34,9491,34,949 1,34,949 1,34,949 1,34,9491,34,949 1,34,949 1,34,949 1,34,9491,34,949 1,34,949 1,34,9491,34,949 1,34,949 1,34,9491,349 1,34,9491,349 1,34,9491,349 1,
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nu West State Government (R4R) Non-operating 0 0 0 0 0 0 0 0 4 A Binu wast Federal Government (R2R) Non-operating 0 161,000 A Maintenance Grants Maintenance Grants Nanoses (Na Safety Commission Kalbarri Roadwise Non-operating 0 161,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0	600,000	449,996	600,000	600,000		[(568,254)	(568,254)
Elmu west Federal Government (RJR) Non-operating 0 0 161,000 WA Maintenance Grants Main Roads WA Operating 0 161,000 A Road Safety Commission Kalbarit Roadwise Non-operating 0 0 0 is a normic Services Tourism WA Coastal Nodes Grant Non-operating 0 0 0 isy Bay Royattes for Regions Funding - 16/17 Non-operating 0 0		0	323,253	242,437	323,253	323,253		1	323,253
WA Maintenance Gamis Main Roads WA Operating 0 161,000 . Road Safety Commission Kalbarri Roadwise Non-operating 0 0 onomic Services Tourism WA Caastal Nodes Grant Non-operating 0 0 . Ky Bay Royalties for Regions Funding - 16/17 Non-operating 0 0		0	751,495	563,616	751,495	751,495		(409,383)	(84,063)
r Road Safety Commission Kalbarri Roadwise Non-operating 0 0 onomic Services Tourism WA Ceastal Nodes Grant Non-operating 0 0 ixy Bay Royalties for Regions Funding - 16/17 Non-operating 0 0	0	161,000	0	161,000	161,000	161,000	161,000	0	0
onomic Services Tourism WA Caastal Nodes Grant Non-operating 0 0 Ky Bay Royalties for Regions Funding - 16/17 Non-operating 0 0		0	0	0	0		0 20,602	0	20,602
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ky Bay Non-operating 0 0		0	147,885	110,913	147,885	147,885	385 0	(290,492)	(290,492)
		0	191,250	143,436	191,250	191,250	191,250	0	191,250
1,721,535	0	1,721,535	3,776,775	3,987,809	5,498,310	0 5,498,310	3,382,816	(3,063,069)	(951,775)
SUMMARY									
Operating Grants, Subsidies and Contributions		1,721,535	0	1.331.393	1.721.535	0 1.721.535	535 1.334.374	(62.850)	G
d Tied - Operating Grants, Subsidies and Contributions 0 0		•	0	0	0			0	0
Non-operating Non-operating Grants, Subsidies and Contributions 0 0 3,776		•	3,776,775	2,656,416	3,776,775	0 3,776,775	775 2,048,442	(3,000,218)	(921,776)



Note 12: Trust Fund

Funds held at balance date over which the Shire has no control and which are not included in this statement are as follows:

Description	Opening Balance 01 Jul 2016	Amount Received	Amount Paid	Closing Balance 31 Mar 2017
	\$	\$	\$	\$
Town Planning - Security Bonds	0			0
Galena Donations	0		0	0
Transportable Housing Bond	26,275		8	26,275
Footpath Deposits	38,556		(8,736)	29,820
Horrocks Retention Fee - Parking/Stage 2	0		0	0
Retentions - Subdivisions	69,794		0	69,794
Building Levies (BCITF & BRB)	182	2,896		3,078
Community Bus Bond	6,000	2,000	(1,600)	6,400
Safer WA Funds	0			0
Northampton Cemetery Funds	0			0
Unclaimed Monies - Rates	4,336	2,099		6,435
Nomination Deposits	0	0		0
DOLA - Parks & Gardens Development	0			0
Aged Unit Bond	0	100	(100)	0
Council Housing Bonds	520	760	(760)	520
BROC - Management Funds	1			1
Kalbarri Youth Space Project Funds	0		0	0
Burning Off Fees	0		0	0
RSL Hall Key Bond	650	650	(420)	880
Peet Park Donations	0			0
Willa Guthurra	0			0
Special Series Plates	220	2,170	(1,400)	990
Auction	0			0
Kidsport	2,356	5,000	(4,389)	2,967
Public Open Space	0			0
ReDone (Kalbarri Park/Beach Shelters)	0		0	0
Northampton Child Care Association	62,768	6,537	(10,000)	59,305
Horrocks Memorial Wall	3,367	500	(3,682)	185
One Life	3,813	0	(200)	3,613
Conservation Incentives	0	0	0	0
Kalbarri Camp School	25,152	0	(25,152)	0
	243,990	22,712	(56,439)	210,263



		NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 31 March 2017	S TO THE STATEMENT OF FINANCIAL AC For the Period Ended 31 March 2017	L ACTIVITY 2017				
Note 13: Capital Acquisitions			YTD Actual		A	Amended Budget		
Assets -	Account	New/Upgrade	Renewal	Total YTD	Annual Budget	YTD Budget	YTD Variance	Strategic Reference / Comment
		s	\$	\$	\$	s	s	
📶 Level of completion indicator, please see table at the end of this note for further detail	te for further detail.							
Governance								
DCEO Vehicle	101640	0	(40,805)	(40,805)	(40,000)	(40,000)	(805)	
Governance Total		0	(40,805)	(40,805)	(40,000)	(40,000)	(805)	
Education and Welfare								
Pioneer Lodge (Car Park)	130520	(5,917)	0	(5,917)	(95,465)	(47,730)	41,813	
Pioneer Lodge (8 Units) Construction Costs	130620	(1,079,814)	0	(1,079,814)	(1,269,545)	(634,770)	(445,044)	
Education and Welfare Total		(1,085,731)	0	(1,085,731)	(1,365,010)	(682,500)	(403,231)	
Communities Amenities								
Develop Binnu Refuse site	133050	(4,662)	0	(4,662)	(45,100)	(33,822)	29,160	
Sally's Tree Grinder Pump	133440	(25,125)	0	(25,125)	(30,000)	(22,500)	(2,625)	
Horrocks Community Centre	133600	(157,144)	0	(157,144)	(110,400)	(110,388)	(46,756)	
Communities Amenities Total		(186,931)	0	(186,931)	(185,500)	(166,710)	(20,221)	
Recreation And Culture								
📶 Floating Finger Jetty - northern boat ramp	136640	(71,058)	0	(71,058)	(80,000)	(59,994)	(11,064)	
DUP - Pathways Kalbarri Foreshore Redevelopment	136940	0	0	0	(270,000)	(202,500)	202,500	
Kalbarri Tennis, Netball & Basketball Courts	137140	(408,980)	0	(408,980)	(755,520)	(566,622)	157,642	
Lions Park - Limestone Blocks	137160	(47,610)	0	(47,610)	(4,000)	(2,999)	(44,611)	
🚛 Hampton Gardens - Stairs/Paving	137160	(15,008)	0	(15,008)	(16,680)	(12,505)	(2,502)	
Wannernooka Water Storage Tanks	137160	0	(2,257)	(2,257)	(45,380)	(34,023)	31,766	
Recreation And Culture Total		(542,655)	(2,257)	(544,912)	(1,171,580)	(878,643)	333,731	
Transport								
Road Construction	Various	0	(1,121,956)	(1,121,956)	(2,998,860)	(2,249,073)	1,127,117	
Footpath Construction	150900	0	(45,313)	(45,313)	(162,840)	(122,112)	76,799	
4 Wheel Light tip Truck - Kalbarri	142140	0	(82,810)	(82,810)	(82,810)	(62,107)	(20,703)	
Prime Mover	142140	0	0	0	(220,000)	(164,999)	164,999	
Tip Truck - Northampton	142140	0	0	0	(210,000)	(157,499)	157,499	
Works Manager 4 Wheel Drive	142240	0	(58,115)	(58,115)	(57,170)	(57,168)	(947)	
Transport Total		0	(1,308,193)	(1,308,193)	(3,731,680)	(2,812,959)	1.504.766	



SHIRE OF NORTHAMPTON

Note 13: Capital Acquisitions		For the Period Ended 51 INIARCO 2017		1107				
			Y ID Actual		A	Amended Budget		
Assets	Account	New/Upgrade	Renewal	Total YTD	Annual Budget	YTD Budget	YTD Variance	Strategic Reference / Comment
		Ŷ	s	\$	s	ş	\$	
Other Property and Services								
Lucky Bay Caravan and Camp Grounds	150160	(290,492)	0	(290,492)	(632,490)	(474,354)	183,862	
Other Property and Services Total		(290,492)	0	(290,492)	(632,490)	(474,354)	183,862	
🕼 Capital Expenditure by Program Total		(2,105,809)	(1,351,255)	(3,457,064)	(7,126,260)	(5,055,166)	1,598,102	
Capital Expenditure By Class								
Land Heid for Resale	Various	0	0	0	0	0	0	
Land and Buildings	Various	(1,681,642)	0	(1,681,642)	(2,306,030)	(1,415,832)	(265,810)	
Infrastructure Assets - Roads	Various	0	(1,121,956)	(1,121,956)	(2,998,860)	(2,249,073)	1,127,117	
Infrastructure Assets - Footpaths	Various	0	(45,313)	(45,313)	(432,840)	(324,612)	279,299	
Infrastructure Assets - Parks and Ovals	Various	(424,167)	(2,257)	(426,424)	(778,550)	(583,875)	157,451	
Plant and Equipment	Various	0	(181,730)	(181,730)	(086'609)	(481,774)	300,044	
Furniture and Equipment	Various	0	0	0	0	0	0	
Capital Expenditure Total by Class		(2,105,809)	(1,351,255)	(3,457,064)	(7,126,260)	(5,055,166)	1,598,102	
Level of Completion Indicators 0% 20% 40% 60% 80%	Percentage YTD Actual to Annual Budget Expenditure over budget highlighted in red.	umual Budget ighlighted in red.			×			



6.4.3	BUDGET SUBMISSIONS 2012	7-2018
	FILE REFERENCE:	1.1.1
	DATE OF REPORT:	10 April 2017
	DISCLOSURE OF INTEREST:	Nil
	REPORTING OFFICER:	Garry Keeffe/Grant Middleton
	APPENDICES:	1. Detailed Budget Submissions

SUMMARY:

Council to consider budget submissions from groups or organisations for funding in the 2017/2018 Budget.

BACKGROUND:

The public advertising period for the lodgement of Budget submissions for projects to be considered in Councils 2017/2018 Budget closed on the 31st March 2017.

The submissions detailed below have been received and Council is requested to consider if these projects are to be included within the 2017/2018 Draft Budget for consideration. Details of the funding requests have been provided as an attachment to this agenda item.

It is also suggested that all applicant's requests which can obtain funding from other sources be informed to actively pursue these grants to offset expenditure requirements.- In some cases it may be prudent to defer items until 2018/2019 whilst funding is being sought.

1. Northampton Old School - \$5,000

Annette Sellers from the Northampton Old School Initiative program has requested \$5,000 in seed funding to undertake the remaining drop hazard repair works at the old school site in conjunction with grant funding requests.

Management comment – The \$5,000 will be utilised to progress and complete restoration works currently estimated at \$47,906 as per the attached works list. The last seed funding allocation was \$5,000 in 2015/2016.

2. Community Coordinator Position - \$5,000

Annette Sellers from the Northampton Old School Community Initiative has requested a contribution of \$5,000 to assist with funding a Community Coordinator Position that would be undertaken by Colleen Drage. This position plays a key role in youth and family support areas. Funds have been requested from Council as a one off contribution due to escalating tensions and lead time on funding applications.



Management comment – This contribution would be in conjunction with sponsorships from other organizations to fund a vehicle and salary and enable matching grant funding to be requested.

3. Northampton Visitor Centre - \$25,000

The Northampton Tourist Association has requested an operating grant of \$25,000 for the 2017/2018 financial year. The Visitor Centre have stated that they will strive to keep the doors open for longer periods during peak tourist season provided they have sufficient funds to operate.

Management comment – No increase from the 2016/2017 budget allocation of \$25,000.

4. Ewe Turn Project - \$2,745

Northampton Creative Obsessions Inc has obtained a quotation for a statue of a bronze shearer and two bronzed ewes for display at the front of the Northampton office as part of their Ewe Turn Project. The cost of the bronze statues is \$2,745. The remainder of the project will be funded by the group via LotteryWest and other sources.

Management comment – Council supported the placement of statues around the Northampton Townsite at the February 2017 meeting provided a list of conditions was adhered to and the group accepted responsibility for repair/replacement etc. The total cost of the project is estimated at \$29,320.

5. Display Shed Lolly Shop - Roof \$1,000

The Northampton District Agricultural Society has requested assistance with funding the repairs to the Exhibition Hall Lolly Shop roof. Our insurers have approved the repair of the roof which has been quoted at \$2,040 (Exc GST) by Simon Drage.

Management comment – The \$1,000 is the excess required as per Councils buildings insurance policy.

6. Display Shed Lolly Shop - Door, Awning etc \$2,942

The Northampton District Agricultural Society has requested assistance with the repairs to the Exhibition Hall Lolly Shop door, awning, framework and internal benches totaling \$2,942 (exc GST) as per the quotation provided by Simon Drage.

Management comment – The door and framework repairs were not claimable under Councils insurance policy.



7. Northampton Botanic Line - \$1,500

The Northampton Botanic Line Group has requested funding totaling \$1,500 so they can plant and establish an avenue of trees. The group propose to plant 60 mature lemon scented gums along the rail trail. Approx cost – Trees \$1,000 - \$1,200 and water crystals - \$300

Management comment – The group has not applied or received any funding for this project.

8. Northampton Rifle Club - \$7,400

The Northampton Rifle Club are seeking \$7,400 to purchase two shooting range target packages. The equipment includes long-range target sensors and a shared wireless package which will replace the manually pulled targets. CSRFF funding is not available due to the equipment not being fixed. Total Cost = \$9,900 AUD

Management comment – The club has limited funds available but is contributing \$2,500 towards the total project.

9. Beautifying Kalbarri - \$10,000

Council have been requested to consider supporting the "Beautifying Kalbarri" project. The project will involve planting, development and installation of a number of artworks around Kalbarri. Local artist Cynthia Fletcher will coordinated the works, final designs will be submitted to council for consideration prior to any painting or art being installed. Total cost of the project is estimated at \$50,000.

Management comment – The project could be funded either by utilising municipal funds or by the Kalbarri Specified Rate.

10. Geraldine Mine Signage - \$4,091

The Ajana Binnu Branch of the Country Women's association would like to erect an interpretative sign and shelter at the Geraldine Mine site on the southern side of the Murchison River to recognise the history of the site. The CWA are prepared to pay for the signage but are requesting council to fund the shelter which has been quoted at \$4,091 (Exc GST)

Management comment – As indicated by the applicant this site is visited by a large number of tourists and campers. The CWA has previously installed a plaque detailing the names of the people buried at the cemetery.



11. Horrocks Community Centre (HCC) - \$73,481

The Horrocks Community Centre have requested funding for the following:

- a. Fixed shade roof over HCC playground 15m x 15m \$32,283
- b. Fixed shade roof over Foreshore Playground 11m x 15m \$22,728
- c. 2 X Park Bench/Seat Setting with curved roof for the southern car park area \$10,980
- d. Access steps/boardwalk from HCC to oval using Duraplank & composite handrails (estimate) \$7,500

Management comment – The quotation provided by the HCC listed the price of the Park Bench/Seat Settings at \$8,760. The amount listed above is the quote obtained by the CEO from Exteria which totals \$10,980.

12. Kalbarri Visitor Centre - \$35,000

The Kalbarri Visitor Centre has requested funding totaling \$35,000 for their annual operational subsidy. The 2016/2017 funding was utilised to purchase new computers, hire a new team member, replace signage and reception counter. The 2017/2018 funding will allow the centre to continue achieving it goals and marketing the region.

Management comment – The Kalbarri Visitor Centre Operational Grant was \$35,000 16/17, \$30,000 15/16 & 14/15 and \$25,000 13/14.

13. Kalbarri Visitor Centre (Specified Area Rate) - \$30,000

There has been a request for funding of \$30,000 to continue with the Natues Playground promotion, supporting tourism and marketing in Kalbarri.

- TV Advertising GWN7 \$20,000
- Australia's Coral Coast Marketing Campaign \$10,000

Management comment – The Kalbarri Specified Area rate levied in 2015/2016 of \$30,000 funded advertising and promotion totaling \$15,000 and entry statements of \$15,000. The 2016/2017 Kalbarri Specified Area rate raised \$31,500 for advertising and promotion.

14. Allen Centre – Digital Projector - \$1,000

The Kalbarri Visitor Centre has requested a data show (projector) be purchased for the Allen Centre in Kalbarri.

Management comment – Having a device in Kalbarri will mean staff won't have to transport the data show to Kalbarri for Council and other community meetings. There may also be the opportunity to hire the data show out to groups booking the Allen Centre for meetings.



15. Limestone wall Sally's Tree - \$24,081

The Kalbarri Development Association has requested a limestone wall be constructed along the river side of the car park at Sally's Tree as per the red line indicated below.

Management comment – The quote provided is for reconstituted limestone blocks at a height of 830mm retaining 66 meters of foreshore.



VOTING REQUIREMENT:

Simple Majority Required:

OFFICER RECOMMENDATION – ITEM 6.4.3

That Council consider the above projects for inclusion within the draft 2017/18 Budget.



SHIRE OF NORTHAMPTON

Northampton Simply Remarkable

Council's Annual Budget 2017/2018

Request Form

Name:

Northampton Old School Community Initiative

\$
\$5,000

Please return this form by Friday 31st March 2017

PO Box 61 Northampton 6535 or Fax 9934 1072

email: <u>ceo@northampton.wa.gov.au</u>



Grant Middleton

From: Sent: To: Cc: Subject: Attachments: Annette Sellers [annettesellers@westnet.com.au] Friday, March 10, 2017 6:03 PM Garry Keeffe Grant Middleton Budget submission 2017 Works program.xlsx

Hello Garry and Grant,

I noticed in the Northampton News that budget submissions from the public have been called for, and am writing to ask if Council would consider another amount of \$5,000 seed funding to carry out the remaining drop hazard works and rennovations needed at the Old School, so that I can apply for project funding from Lotterywest and possibly MWDC depending on the final project cost.

I have attached a rough budget, which is incomplete as I am still collecting quotes, but which gives an idea of the scope of works.

In the past we have been able to do a lot with our own labour, but regulations, changes in CDP/Work for the Dole and increased costs of DURACK courses make our previous way of working impractical and leave us without any warranty on the works.

I am therefore proposing a schedule of works which will give the projects some momentum and allow me to seek a competitive price from licensed building companies.

We have completed some urgent works previously from our own resources, such as the crèche and historic ceilings, but not completed the others due to lack of funding.

Other works result from changes in OHS, such as the need for railings at steps.

Some work is outstanding from previous TAFE projects (the project stopped before the work was finished) such as the need for railings on the toilet block decking.

We will attempt to secure some TA places for our participants in the project, but the goal is to get the work done within twelve months and have two years free to organise place activation and events for the 100th birthday year in 2020.

As Council is the owner of the Builder, and funding agencies will consider some of the works to be maintenance, it would be very helpful to have a contribution from Council to seed fund our fund raising efforts.

I am preparing a detailed program of works, and will copy this to Council seeking endorsement when it is complete, but for now would you please put us in the mix for the coming budget considerations.

I am happy to meet with Council or conduct a tour to explain the works program if required. Council is very welcome to attend a morning tea on site to see the range of services presently being offered. It is very heartening to see the site so busy again.

Best regards,

Annette

Annette Sellers Program Coordinator Northampton Old School Community Initiative Inc 31 Robinson St

1



2017 Works Program - Northampton Old School Community Initiative Inc	confirmedmtorganisationworks1633,635.50Wrightway Glass and MirrorsHeritage building windows, better polycarbonate1633,635.50Wrightway Glass and MirrorsHeritage building windows, better polycarbonate1631,138.50Wrightway Glass and MirrorsHeritage building windows, better polycarbonate1535,292.40Batavia Maintenance & RepairsSouthern Classroom - aluminium frames and seals1555,898.00PixelPACSouthern Classroom - aluminium frames and seals1555,000.00awaiting quotesFacia Maintenance (minor) and Paint heritage building1610,000.00awaiting quotesFacia Repairs and Paint "modern" buildings (office and southern classrooms)175,000.00Batavia CellingsFacia Repairs and Paint "modern" buildings (office and southern classrooms)182,000.00estimate awaiting quotesFacia Repairs and Paint "modern" buildings (office and southern classrooms)195,000.00estimate awaiting quotesFacia Repairs and Paint "modern" buildings (office and southern classrooms)105,000.00estimate awaiting quotesFacia Repairs and Paint "modern" buildings (office and southern classrooms)115,000.00estimate awaiting quotesFacia Repairs and Paint "modern" buildings (office and southern classrooms)115,000.00estimate awaiting quotesFacia Repairs and Paint "modern" buildings (office and southern classrooms)125,000.00estimate awaiting quotesVerandah reinstatement	
2017 Works Prog	quoted confirme 22-03-16 22-03-16 10-11-15 09-11-15 verbal verbal verbal pending pending pending pending	



SHIRE OF NORTHAMPTON



Council's Annual Budget 2017/2018

Request Form

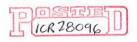
Name:

Northampton Old School Community Initiative

Description of Request	Estimated Cost \$
Seed funding to Community Coordinator salary funding	\$5,000
to provide a single point of contact for service delivery in all	
closing the gap areas in Northampton, especially health,	
NOSCII's aplications to Healthway and Lotterywest would be	
great assisted by Council support. We presently have \$7,000	
pleadged in sponsorships, \$5,000 of our own, and will seek to	
match it. Funds are sought from council as one off contribution due	
escalating tensions and lead time on funding applications.	
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Please return this form by Friday 31st March 2017 PO Box 61 Northampton 6535 or Fax 9934 1072 email: <u>ceo@northampton.wa.gov.au</u>







March 21 2017

Mr Garry Keeffe, C.E.O., Shire of Northampton PO BOX 61, NORTHAMPTON WA 6535

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		5	T LUM	2001	
Acroin	E	Eng		Town DrT	

Dear Garry,

The committee of the Northampton Tourist Association wish to apply for funding for the forthcoming budget financial year 2017/2018

We are very appreciative of the \$25,000 that we received this financial year and would not have survived without your financial assistance.

We will strive to keep the doors open longer during the peak tourist season and to continue to promote our towns and to advertise in the major tourist information brochures, provided sufficient funds are available.

Please find attached a copy of our projected income and expenditure for the above period based on our previous 2015/2016 financial year.

We trust that once again you will be able to supply this much needed grant to ensure the continued operation of the Visitor Centre.

Yours faithfully,

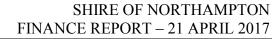
Justeen Varney

Treasurer

Income	November	December	Isnnarv	Fehrnarv	March	Anril	Mav	June	July	Angust	Sentember	October	Total
VC Sales	665.85	777.73	329.1	156.65	577.50	776.40	1010.40	410.65	1189.10	1922.94	1982.65	1992.70	11741.17
TransWA	190.30	37.05	340.85	593.70	475.80	536.85	386.25	434.60	385.15	577.45	461.20	653.40	5072.60
2 nd Hand Books	15.00		2.00	24.00		4.00	33.00	7.00	9.00	16.00	13.00	20.00	143.00
Phococopying	.20	(*)		2.75	2.00		06.6		4.10	2.80	.60	.30	22.65
Directory	18.00			230.00	606.00		6.00	12.00	6.00		6.00	6.00	890.00
Memberships	350.00	940.00	240.00	280.00	580.00	15.00	135.00			10.00		165.00	2715,00 2715
Consignment	44.80	11.60		12.00	42.00	23.60	39.00	80.00	139.00	147.15	134.00	92.00	765.15
Aust Day			400.00		753.88							500.00	1653.88
Donations	137.00		1.05			.40	3.30	3.25			20	91.15	236.55 331.5
Over/Ubank													
Term Dep & Int						15178.99							15178.99
Other				3.80						4.50	2.35		10.65
Brochure Adv	400.00				400.00								800.00
Shire Grant												25000.00	25000.00
Integrity					110.00	197.00	172.00		216.00	221.00	569.00		1485.00
Signage												-	
Total	1821.15	1715.88	1313.00	1302.90	3547.18	16732.24	1794.85	947.50	1948.35	2901.84	3169.00	28520.55	65714.44
Bank Reconcile													
Opening Bal	13484.30	12368.16	9917.29	8121.80	5688.50	5269.22	17622.43	15267.13	12388.45	10130.15	8957.41	7509.90	
Income	1821.15	1715.88	1313.00	1302.90	3547.18	16732.24	19417.28	16214.63	1948.35	2901.84	3169.00	28520.55	
Expenses	-2937,29	-4166.75	-3108.49	-3736.20	-3966.46	-4379.03	-4150.15	-3826.18	-4206.65	-4074.58	-4616.51	-4646.69	
Total Funds	12368.16	9917.29	8121.8	5688.50	5269.22	17622.43	15267.13	12388.45	10130/15	8957.41	7509.90	31383.76	
Bank St Close B	12368.16	9917.29	8121.80	5498.50	5269.22	17622.43	15267.13	12388.45	10130.15	8957.41	7509.90	31383.76	
U/P Chqs									46.17		-98.05		
Recone Balance	12368.16	9917.29	8121.80	5688.50	52,69,22	17622.43	15267.13	12388.45	10130.15	8957.41	7509.90	31383.76	

Shire of Northampton Simply Remarkedde

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Expenditure	November	December	January	February	March	April	May	June	July	August	September	October	Total
Stock	217.78	502.00			1018.16	1823.48	1239.44		1064.45	554.84	85.80	1317.69	7823.64
Wages	1980.00	2880.00	1710.00	1500.00	1500.00	1635.00	1980.00	2970.00	1980.00	1980.00	1980.00	2115.00	24210.00
C/signment	36.80	12.80			21.60	28.80	39.20		93.75	32.00	190.50	54.40	509.85
TransWA	338.89	149.50		750.70	285.92	479.45	407.43	316.31	283.56	350.40	471.43	420.84	4254.43
Phone	185.22	196.29	166.79	189.59	214.53	206.45	191.63	14.17	446.29	231.97	197.78	229.56	2470.27
Advertising	33.60	27.06	10.00		•					66.00	506.00	67.20	709.86
Insurance				832.26								264.00	1096.26
Australia Day			943.88	338.65	253.88								1536.41
Post/Stationery	70.00	40,00	77.82		29.00		50.00						266.82
Memb/Subs					45.00					469.00			514.00
Computer Exp			160.00					135.00		32.00	360.00	178.00	865.00
Amenities		10.00			12.00		-	16.00	1	13.82			51.82
Signs & Maint													
Bank Fees		80.00	40.00		40.00	130.85		40.00	80.00		80.00		490.85
Licence Fees													
Shop Fittings				50.00				20.00		6.70			76.70
Honorarium	75.00bd			75.00jv		75.00bd	75.00bd	75.00bd	75.00jv	150.OObd	150.00jvbd		750.00
Integrity							167.45	239.70	183.60	187.85	595.00		1373.60
Account/Audit					200.00								200.00
Brochure Adv													
Fixed Term													
Entertainment		269.10											269.10
Directory					346.37								346.37
Total	2937.29	4166.75	3108.49	3736.20	3966.46	4379.03	4150.15	3826.18	4206.65	4074 58	4616 51	4646 60	47014 00

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27 March 2017

Mandy Boyland Sub-committee member Creative Obsessions Inc. P.O. Box 352 Nothampton WA. 6535 0423563205

Mr. Garry Keeffe Chief Executive Officer P.O. Box 62 Northampton WA 6535

Budget Submissions

Dear Garry,

Please find enclosed details of the Ewe Turn at Northampton project plan and a quote from Uracast for the purchases of various models including dimensions and fright costs.

We would like to suggest that the Shire of Northampton purchase the Bronzed Shearer and two Bronzed Ewes and that this would be an appropriate display for the lawn at the shire offices.

Please don't hesitate to contact any of the sub-committee listed below for further details.

Thank you for your consideration of this statement addition to the town.

Yours sincerely,

Mandy Boyland

Ewe Turn Project Sub-committee member

 Brenda Broadhurst
 braside.bcb@bigpond.com

 Mandy Boyland
 gusandmandy@telstra.com

 Lyn Brunke
 lyn brunke@yahoo.com.au



	SHIRE OF NORTHAMPT	ON	
Northampton Simply Romaliable	Council's Annual Budge	et 2017/2018	
	Request Form		
Name: Northampton	Creative Obsessions	Inc Ewe Turn	Projec
Descript	tion of Request	Estimated Cost \$	
Puwchase of:			

Puvohase of:	
1 x Bronzed Sheaver (L115 × W 82 × H130 cm)	1,845.00
(Inchucles freight to Perth & GST)	
2x Bronzed Grazing Ewes with mounting	900.00
plate. (196 x W37 x H75 cm	
(includes preight to Perth.) Plus GST.	
PIUS GST.	
	2745.00
Other ophins on attached quote.	1
Other funding	
\$	
Lattenuwest (Grant penoling) 15,000	
FRRR (Grant pending) 5,000	
Creative Obsessions Inc. (Confirmed) 2,000	
Avty Tants (confirmed) 200	
R& H Cail (Confirmed) 500	
Estimated total cost of project \$29,320. Exc Please return this form by Friday 31st March 201	Juding In-Kin
Please return this form by Friday 31 st March 201	17

Please return this form by Friday 31st March 2017 PO Box 61 Northampton 6535 or Fax 9934 1072 email: <u>ceo@northampton.wa.gov.au</u>





Quote for supply of Models as below:

Bronzed Shearer (L 115 x W 82 x H x 130 cm) 1 x \$ 1,845.00 (Includes Freight to Perth & GST) **Optional Extras** Bronzed Grazing Ewes with mounting plate 1 x (L 96 x W x 37 x H 75 cm) \$ 360.00 Bronzed Lambs with mounting plate 1 x \$ 165.00 (L 61 x W 35 x H x 31 cm) Bronzed Sheep Dog with mounting plate 1 x \$ 210.00 (L 64 x W 32 x H 75 cm) Bronzed Rams with mounting plate \$ 500.00 1 x Plus GST

Freight approx \$ 90 per model

Nathan Roberts



0421 900 490 30 Secker Rd Mount Barker SA 5251

nathan@uracast.com.au www.uracast.com.au



Ewe Turn Project Plan

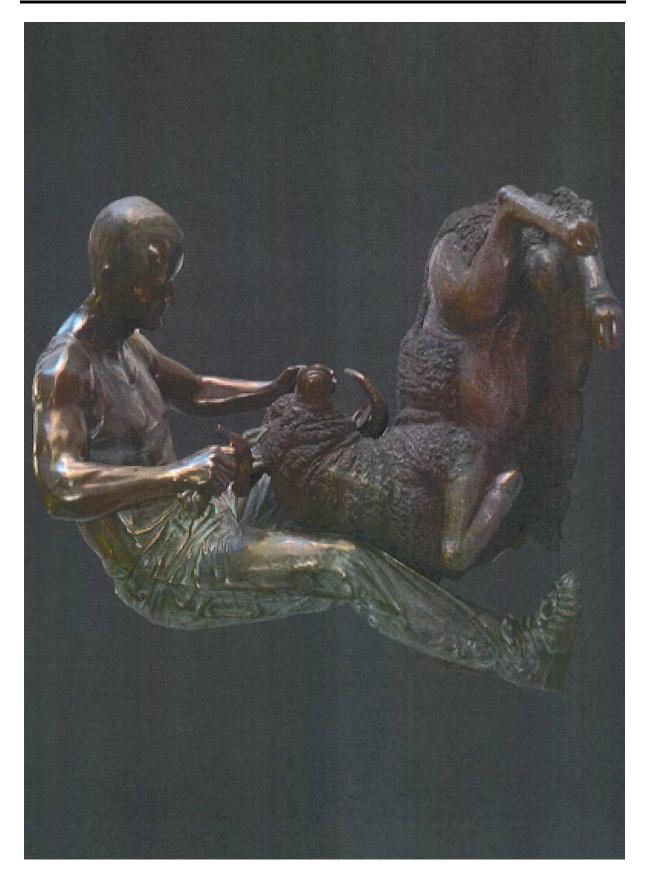
Time Frame	Activity	Who is Involved
December 2016	Project Management Sub Committee Formed	Northampton Creative Obsessions Inc. (NCO)
17 th February 2017	Presentation of Project to Shire & Shire Approval for the project	NCO Management Committee
<u></u>	Prepare Budget	NCO Management Committee
	Develop Project Plan	NCO Management Committee
February – March 2017	Submit Funding Applications: Shire of Northampton FRRR LotteriesWest	NCO Management Committee
22nd March 2017	Community meeting: Present Project Concept Obtain community support & commitment to the project	NCO Management Committee Businesses, community Groups, other interested members of the community
	Obtain commitment to sponsorship	NCO Management Committee
March - May 2017	Fundraising Activities Sausage Sizzle – Bunnings Teas at the Northampton Community Centre	NCO Management Committee
	Finalise ordering and purchasing of models	NCO Management Committee
	Decorate 1 x sheep & 1 x lamb to present at the Northampton Show	NCO Management Committee
May - September 2017	Set up display for Northampton Agricultural Society Show to be held on September 9 th 2017 & attend show	NCO Management Committee
	Finalise commitments to purchasing and decorating of sheep	NCO Management Committee



Time Frame	Activity	Who is Involved
October	Confirm Installation Sites	NCO Management Committee
November 2017 – February 2018	Break for Harvest, Christmas, and Holidays	
	Preparation of Installation Sites	NCO Management Committee Shire of Northampton
February – March 2018	Form work for bases of sheep	NCO Management Committee MEEDAC
17 th February 2018	Community Workshop Design ideas	NCO Management Committee Community
14 th March 2018	Community Workshop Design ideas	NCO Management Committee Whole Community
April 2018	Community Workshop x 3 Decoration of Sheep!	NCO Management Committee Whole Community
May – June 2018	Installation of sheep	NCO Management Committee MEEDAC Shire of Northampton Northampton Lions Club Inc
16 th June 2018	Community Event Unveiling of the Sheep Market Day Entertainment Food Stalls Shearing Competition	NCO Management Committee Whole Community

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<u>। CR 2804</u>(NORTHAMPTON DISTRICT AGRICULTURAL SOCIETY Inc. Mr Leigh Nairn PRESIDENT 0458777409 PHONE Mrs Dianne Hulme SECRETARY 99361050 PHONE 0417940918 NORTHAMPTON SHIRE COULICIL 'Wattle Grove' Ajana 6532 File: ((- \ - 🔗 Fax 99361005 21st February 2017 23 FEB 2014 1 **Chief Executive Officer** Shire of Northampton Hills Biog Tome Mar Eng Adden Rep P.O. Box 61 6535 GH Northampton

Dear Garry,

Please find attached a quote from Simon Drage, to repair the 'lolly shop' on the end of the exhibition hall at the showground. This was damaged in a storm around June 2015, along with other buildings at the showground. The 'lolly shop' has been an ongoing saga however we would like to have it repaired, as we feel it has historical value.

We would like to know if the storm damage component can be claimed on the Shire's insurance, as was the rest of the incurred damage. Alternatively the Shire might assist us with the cost of the repair of this building, to retain its historic value, in support of the 100th Northampton show.

We would like to also take this opportunity to sincerely thank the Shire of Northampton for preparing and cleaning the Showground prior to the Show. This assists us greatly and obviously enhances the appeal of our event to people attending the Show.

Once again, thank you for the support extended to our Society, it is greatly appreciated and we look forward to your continued assistance in the future.

Yours sincerely

Dianne Hulme

Mrs D E Hulme Secretary

Celebrating our 100th Show! Saturday 9th September 2017



. 4

UOTATION	9-2-2016
SIMON DRAGE BDX 124 NORTHAMPTON 6535 Abn 66053 938011	TELEPHONE NO: 0429 34115
Rear Support in Spanne and and Spanne and and Spanne and Spa	Show Society following quotation for your consideration
1	Hop' on EXMIBITION HAM.
Emove & replace	Roof \$2,244,000
	L STEPS repair Awing, Hers. Also replace white ant \$3236:00
eplace Dor, INSTAL epair Bewched & Shu damaged timber	L STEPS, repair Awning, Hers. Also replace white ant



Northampton

SHIRE OF NORTHAMPTON FINANCE REPORT – 21 APRIL 2017

SHIRE OF NORTHAMPTON

Mpton Council's Annual Budget 2017/2018

Request Form

Name:

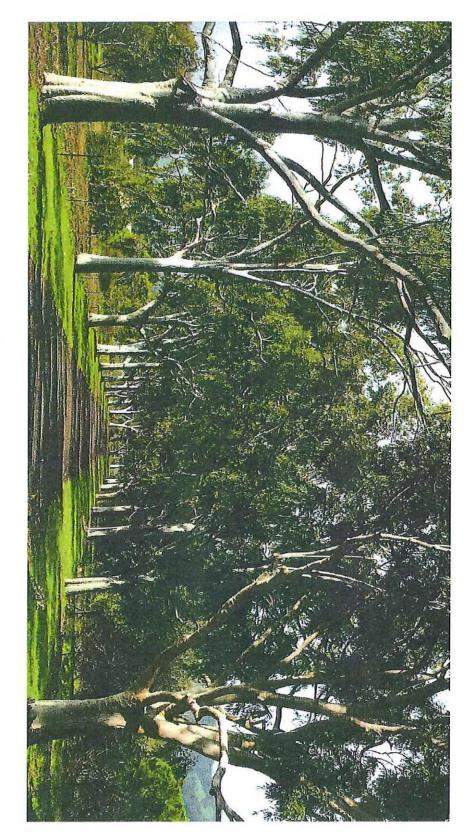
Northampton Botanic Line

Description of Request	Estimated Cost \$
Following the development of the Essex Street/Wanerenooka Road section	\$1,50
of the Northampton Botanic Line in winter 2017, it is proposed to plant an	φ1,00
avenue of trees Corymbia (Eucalyptus) citriodora (Lemon Scented Gum)	
along the railtrail. Planting to be early Autumn 2018. Planting method	
recommended by Sue Koppensteiner - i.e. very deep planting using water	
crystals, no reticulation.	
1. Approx 60 mature trees @ \$1,000 - \$1,200 depending upon 2018 price	
2. Water crystals @ \$300	
As yet, no funding has been applied for or received for this project.	
For more information, please contact Noelene Drage on 9934 2404	
×.	
	amount requested
	\$1,50
Please return this form by Friday 31 st March 2017	

PO Box 61 Northampton 6535 or Fax 9934 1072

email: <u>ceo@northampton.wa.gov.au</u>





Taken from "Taller Eucalypts for Planting in Australia", Dean Nicolle





Council's Annual Budget 2017/2018

Request Form

Name:

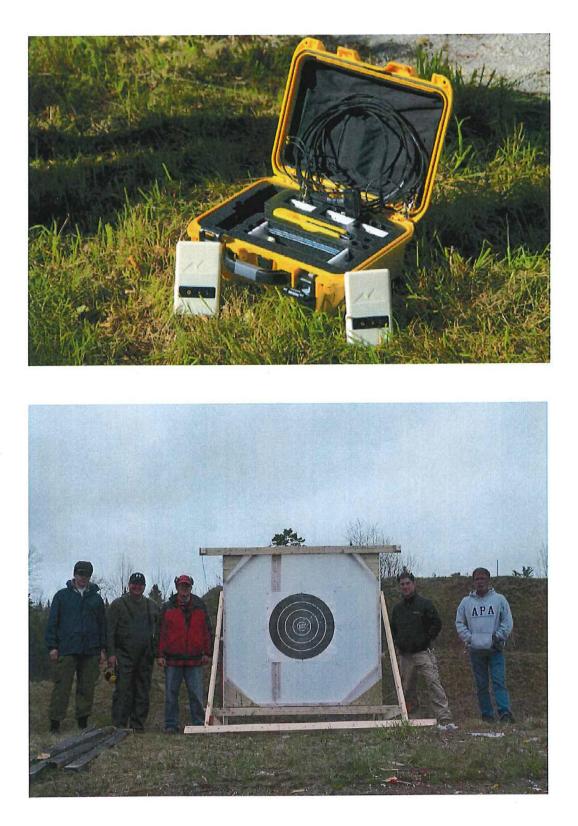
Northampton Rifle Club Ian Carlton

PO Box 310 Northampton WA 6535

Description of Request	Estimated Cost \$
The Northampton Rifle Club are seeking financial assistance to purchase two shooting range target packages (sensors and controller) to enable the club to improve its equipment, competition and training procedures and efficiency. The purchase of two new electronically-controlled shooting targets will replace the inefficient and cumbersome manually-pulled targets that the Club currently uses. The new target equipment includes long-range target sensors and a shared wireless controller package, which will provide a single access point for managing and viewing the targets upon the range. The hardware and software is first-class competition equipment, and will allow our Club to host better events and competitions through improved efficiencies and technologies. Unfortunately, our Club is not very financial, however does have a strong membership base and regularly hosts local and regional events throughout the year. We have exhausted other grant and funding options and are ineligible for CSRFF funding due to the equipment being non-fixed equipment. The total cost (as per quote provided) is \$9,900, and we would respectfully request Council considers funding \$7,400 of this amount due to our Club's financial constraints, the benefits this equipment will have to our Club and local and regional competitions, and the fact that we have exhausted all other current funding options.	\$9,900

Please return this form by Friday 31st March 2017 PO Box 61 Northampton 6535 or Fax 9934 1072 email: <u>ceo@northampton.wa.gov.au</u>







Quotation



Date: 13 July 2016

Reference: Northhampton Rifle Club, Attention Nigel Hunt

Description & Quantity

2x TM-600 G2 Complete Gen-2 target sensor and controller package, for 1 target.

Includes batteries, charger, radio, cable harness, repeater, carrying case.

TOTAL AUD: A\$9900.00 (incl. GST, freight and handling)

Terms

Price valid for 30 days.

50% deposit with order, remainder due when units are ready to ship.

Payments in Australia dollars may be made to our account in Australia.

PLEASE NOTE: ONLY ONLINE BANK TRANSFERS CAN BE ACCEPTED INTO THIS ACCOUNT

National Australia Bank Limited 345 George Street Sydney NSW 2000

Australia Payee: OzForex Pty Ltd BSB: 082001 Account Number: 55-391-7310 Reference: 129416772

Silver Mountain Targets Canada Ltd, 691 Tripp Settlement Rd KESWICK RIDGE NB E6L 1X3 CANADA







Council's Annual Budget 2017/2018

Request Form

Name:

Cynthia Fletcher ph 0437 827 770

Description of Request	Estimated Cost \$
This budget submission is subject to Council's in-principle support for the "Beautifying Kalbarri" project, which will be presented to Council as an April agenda item. The "Beautifying Kalbarri" project will involve the planning, development and installation of a number of artworks around the townsite of Kalbarri to create community and visitor interest, provide interactive artwork for the promotion of Kalbarri, and to improve the aesthetics and streetscapes around our community. A number of proposed sites and artwork ideas have been submitted for Council consideration as part of the April Agenda item, along with photographic examples. It is proposed that the project and artwork development will be overseen by an arts coordinator, being local artist Cynthia Fletcher, and the project will engage and involve a number of different community groups based upon and according to their skills, experience and abilities. These community groups are proposed to include the Kalbarri District High School students, local artists including young artists, MEEDAC and the seniors group, and a number of workshops are proposed to teach and enhance art skills and also provide an opportunity for groups and individuals to collaborate and "own" a community project. Costs involved in the "Beautifying Kalbarri" project are estimated at \$50,000 as per the attached budget, with \$10,000 requested for consideration by Council (either from the Kalbarri Tourism Specified Area Rate or through the general Budget), with the remaining costs to be sought from grant funding. Costs relating to the project will be submitted to Council (either from the Kalbarri and workshop costs and scaffolding hire expenses. Final art concept designs will be submitted to Council for consideration prior to any art installations and painting taking place.	total project cost \$50,000

Please return this form by Friday 31st March 2017 PO Box 61 Northampton 6535 or Fax 9934 1072 email: <u>ceo@northampton.wa.gov.au</u>



Proposed Budget

Total cost	\$50,000
Workshop costs	\$500
Scaffold hire and setup	\$2,000
Paint and equipment	\$22,500
designs and management of art installations	\$25,000
Arts and project coordination of 5 workshops, development of concepts and	

Beautifying Kalbarri

Additional information - meeting the criteria for Kalbarri Tourism Specified Area Rate

It is believed that the "Beautifying Kalbarri" project proposal meets the criteria of directly benefiting or assisting tourism and the Kalbarri community for the following reasons:

- Interactive public artwork photographs are spread by tourists and visitors via social media networks including Instagram and Facebook, thus creating passive (and free) promotions of Kalbarri online
- The beautification of the streetscapes will enhance the tourist appeal of Kalbarri, and encourage further visitation by tourists
- The numerous art installations will be a tourist attraction in their own right, and visitors may participate in self-guided tours of the public artworks as "A Thing To Do" whilst in Kalbarri
- The project will enhance the skills of people from a variety of demographics, thus building the art abilities, interest and confidence of local persons
- The project could be an initiator for further arts and tourism projects to enhance the foreshore and amenity of Kalbarri



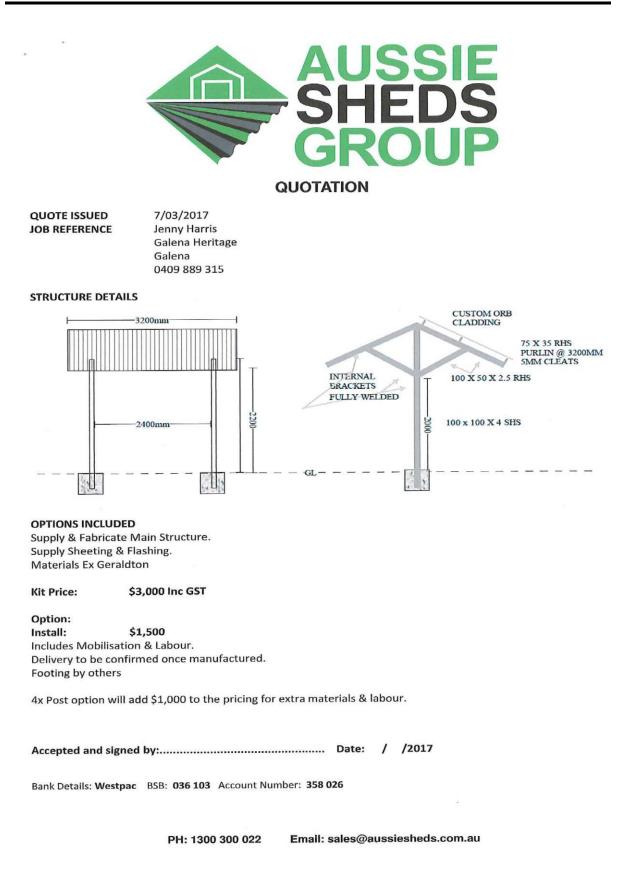
SHIRE OF NORTHAMPTON Shire of SouphyRematkable Request Form	
Name: Country Women's Association - Ajana Binnu Branch	
Description of Request	Estimated Cost \$4,500.00
It is the intention of the Ajana Binnu Branch of the Country Women's Association to erect an	
interpretive sign and shelter at the Geraldine Mine Site, on the southern side of the Murchison	
River. The Geraldine Mine was started in 1849 and is the oldest mine in WA and the first	
lead mine in Australia and as such we feel some recognition should be given to the site, which	
although is relatively isolated, is visited by a surprisingly large amount of tourists and campers.	
In 2014 the CWA had a plaque made detailing the names of the twenty people who are buried	
in the Cemetery at the Geraldine Mine. The plaque is now mounted on a rock adjacent to	
the entrance to the cemetery.	
We feel it will be beneficial to provide visitors to the site with information on the history of this	
hugely historic place and intend doing this with photos, as well as a written description of the	
working and history of the mine site. It is proposed we organise this in consultation with the	
Northampton Historical Society.	
It is our intention to place the interpretive sign at the site marked 'Geraldine 1960's Treatment'	
photo NR 007-2, 3 and 4 in the Shire Municipal Inventory Place Record, as this will be away	
from the River when it floods and more easily accessible by tourists and we will be able to	
utilise the cement slab that is already there, to mount the sign on.	
The CWA are willing to pay for the interpretive sign, however we would appreciate Council	
providing the funding for the shelter that is needed to cover the signage.	

Please return this form by Friday 31st March 2017

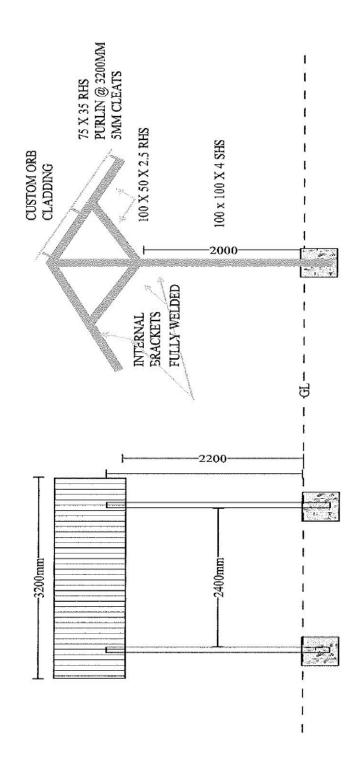
PO Box 61 Northampton 6535 or Fax 9934 1072

email: <u>ceo@northampton.wa.gov.au</u>













HORROCKS COMMUNITY CENTRE INC. PO BOX 688 NORTHAMPTON WA 6535

President – Murray Criddle (99343040) Secretary – Michelle Allen (0427174227)

31 March 2017

Garry Keeffe Chief Executive Officer Shire of Northampton PO Box 61 NORTHAMPTON WA 6535

Dear Garry

RE - Budget Request 2017/2018 HORROCKS

Please accept this letter as our submission to Council for consideration in relation to it's Annual Budget 2017/2018. These four projects are deemed "high priority" by local residents and holidaymakers who highlight the lack of shade as a big issue over the playgrounds at Horrocks.

We are seeking funding assistance from Council towards these projects. We will also be approaching Lotterywest in relation to the fixed roof projects and be contributing funds ourselves to the projects. The HCC Committee are working hard to raise funds for future projects after contributing in excess of \$80,000 in 2016 towards fitting out the new Community Centre and paying application fees associated with liquor licence.

1.	Fixed Shade Roof over HCC playground (Quotation Aussie Sheds)	15m x 15m	\$32,273 (ex GST)
2.	Fixed Shade Roof over Foreshore playground (Quotation Aussie Sheds)	11m x 15m	\$22,728 (exGST)
3.	Two individual Park Bench/Seat Setting, including curved roof (Quotation Felton Industries) \$4380.each		\$8760 (exGST) \$ 10,980
4.	Access steps/boardwalk from HCCentre to Oval Using Duraplank & composite handrails (for ongoing low main (Design requirements to be confirmed by CEO with Building & Health Officer)		-00 (estimate only)
For Cou	incil's information, in addition to raising funds for the above proj	ects, the projects	listed below are already

confirmed as part of our 2017/2018 budget :-

- Community Noticeboard
 - Fence around Basketball Court at HCC (perhaps utilising old fencing materials. To be revisited with CEO)
 - Installation of security at HCC \$7000
 - Plantings on area adjacent to telephone exchange. (Wind and sand erosion encroaching on this area)
 - Extra crockery and fittings to Centre \$5000



For Council's information, projects listed below form part of our 5 Year Budget plans:-

- Update of Town Entry Statement
- Access and clearing of sand on area adjacent to Les Lucas lookout
- Skate Park
- Mens Shed
- Pathways and kerbing from HCC
- Townscape plan for Horrocks

We thank you for the opportunity to submit our request as part of Council's Annual Budget 2017/2018 and look forward to hearing from you in the near future.

Yours faithfully,

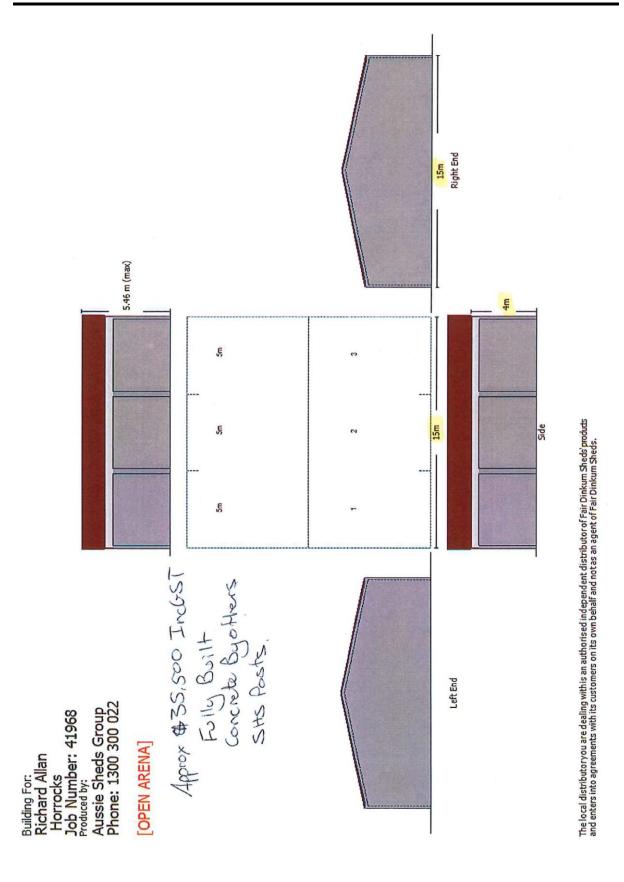
Michelle Allen Secretary

We look forward to hearing from you in regard to this licence application.

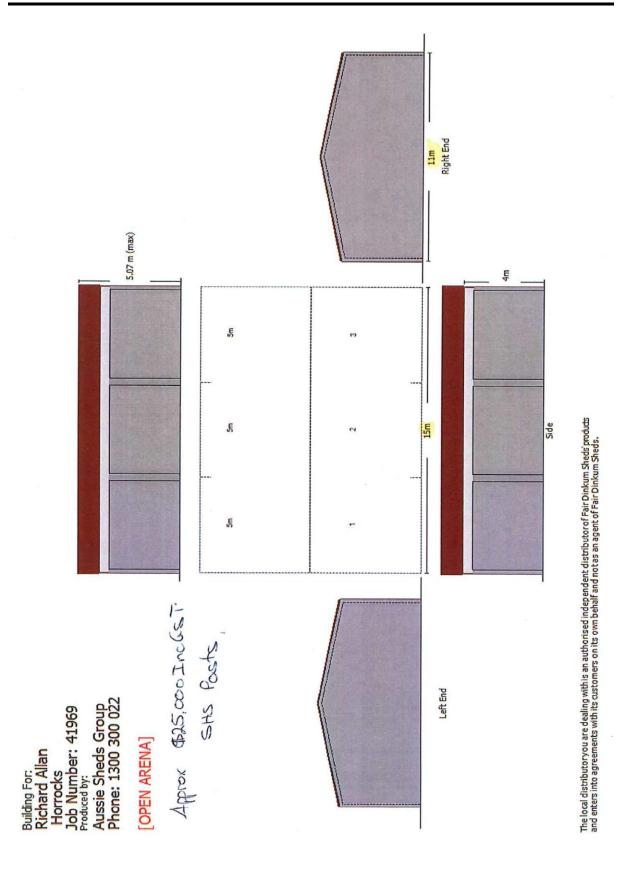
Yours faithfully,

Michelle Allen Secretary











Quality Aluminium School Parkland and Street Furniture	Page 1 of 3
felton industries	
CONTACT US TODAY 1800 22 00 55 Esales@feiton.net.au	Items: 0 Amount: \$0.00
Quality Aluminium School Parkland and Street Furniture Felton Industries	
Products	
Deluxe Broad Roof Park Setting	
In highly exposed areas the Deluxe Broad Roof Park setting comes into its own with more than 2 square metres of Colorbor harsh Australian elements at bay. Seating up to 8 people in comfort, it is an extremely practical unit. SPECIFICATIONS:	nd shelter to keep the
Plan: 2215mm L x 2000mm W x 2532mm H Seats up to 8 adults APO powder coated frames Maxiumum weather protection with Colourbond Roof Bolt down lugs for maximum stability and safety Fully Aluminium - No Rust Strong vandal resistant nyloc fixings Fully engineered to Australian standards 7 year warranty on workmanship and materials	



PROP	OSAL
------	------

Quote	EXTQ7006

Date Mar 16, 2017

To: Garry Keeffe NORTHAMPTON SHIRE COUNCIL PO BOX 61 199 Hampton Road NORTHAMPTON, WA 6535 Australia T. 9934 1202



26 Wildfire Road Maddington WA 6109

T. 1300 785 765 F. 08 9452 7966

sales@exteria.com.au exteria.com.au

Landmark Engineering & Design Pty Ltd ABN 53 147 987 095 trading as Exteria

SALES CONTACT	PROJECT / JOB	PAYMENT TERMS
Gavin Cook		14 days

QTY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	CURVED ROOF PICNIC SHELTER: Curved cantilevered roof shelter comprised of heavy steel sections in hot dip galvanised and two pack epoxy finish. The roof to be in curved Colorbond material in the Ultra finish. The overall size to be 2.5m x 2.3m	\$5,490.00	\$5,490.00

SUBTOTAL	\$5,490.00
GST	\$549.00
TOTAL	\$6,039.00

Thank you for the opportunity to assist you with a quotation. If you have any queries do not hesitate to contact the undersigned.

Best Regards,

Gavin Cook Sales Consultant



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4th April 2017 Mr Garry Keeffe Chief Executive Officer Shire of Northampton PO Box 61 NORTHAMPTON 6535

Dear Garry,

RE: Budget Submission – Kalbarri Tourism Specified Area Rate – 2017-18

We would like to thank Council for its ongoing support.

As Council will be aware one of the primary roles of the Kalbarri Visitor Centre is to promote and service the Kalbarri region as an attractive tourism destination within the shire.

This year we request that Council consider an allocation of \$30,000 from the 2016-17 Kalbarri Tourism Specified Area Rate to continue with the Natures Playground promotion, supporting tourism and marketing the town of Kalbarri.

The Visitor centre will once again pledge 25% (approx. \$10,000) of membership fees to support this campaign, for the total campaign to value \$40,000

Please find below and quotes attached to support our request

1)	TV advertising GWN7	\$ 20,000
2)	Australia's Coral Coast collaborative marketing campaign	\$ 10,000
		\$30,000

We sincerely thank the Shire of Northampton for showing confidence in Kalbarri Visitor Centre by granting Specified Area Rate submissions over recent years and hope that our request will be successful.

Thank you for your consideration, we look forward to a favourable outcome.

Warm Regards Tracy Grosvenor, Manager



Page 12



1) TV adv	ertising GWN7	
-----------	---------------	--

\$20,000

PRIME PERFORMANCE — TIER 2				
Afternoon/Fringe	1200 - 1800			
Peak/Night	1800 - 2230			
Run of Station (Bonus)	0600 - 3000			
Daytime	0600 - 1800			
Run of Station (Bonus)	0600 - 3000			
Daytime	0600 - 1800			
Run of Station (Bonus)	0600 - 3000	The second		
400 x 30 sec				
\$ 20,000 inclusive GST (Duration TBA)				
	Morning Afternoon/Fringe Peak/Night Run of Station (Bonus) Daytime Run of Station (Bonus) Daytime Run of Station (Bonus) 400 x 30 sec	Morning 0600 – 1200 Afternoon/Fringe 1200 – 1800 Peak/Night 1800 – 2230 Run of Station (Bonus) 0600 – 3000 Daytime 0600 – 1800 Run of Station (Bonus) 0600 – 1800 Run of Station (Bonus) 0600 – 3000 Daytime 0600 – 1800 Run of Station (Bonus) 0600 – 3000 400 x 30 sec 400 x 30 sec		

Kalbarri Visitor Centre INC (08) 99371104 PO Box 219 Kalbarri WA 6536 bookings@kalbarri.org.au www.kalbarri.org.au



P a g e | 3



2) Australia's Coral Coast collaborative marketing campaign

\$ 10,000

AUSTRALIA'S CORAL COAST

4th April 2017

Ms. Tracy Grosvenor Manager Kalbarri Visitor Centre PO Box 219 Kalbarri WA 6536

Dear Tracy,

Marketing opportunities with Australia's Coral Coast

Thank you for your enquiry regarding marketing opportunities with Australia's' Coral Coast in the 2017/18 financial year.

We undertake a range of diverse marketing activities throughout the year however traditionally run three (3) seasonal integrated marketing campaigns as follows:

Spend

\$30,000 \$15,000 \$80,000

Campaign Timing Wildflowers August – October Summer February – March Autumn/Winter April – June

These campaigns are generally a mix of digital marketing, press, outdoor advertising, media/PR and radio offering good cooperative opportunities for regional stakeholders.

I recommend a budget of \$8,000 be allocated to a specific campaign when you would like to build business to Kalbarri or as an option to spread the money across two or more campaigns.

Additionally, should the Kalbarri VC and Shire of Northampton be interested in pursuing a specific marketing opportunity solely focusing on your town, I would recommend a further \$2,000 be set aside for this.

I would also welcome the opportunity to discuss co-operative activities to promote the new Skywalk, something that we commenced in 2016, alerting media and trade to the development.

Yours sincerely

all.

David O'Malley CHIEF EXECUTIVE OFFICER

Australia's Goral Coast Suite 4/1298 Hay Street, West Perth WA 6005 Ph: +61.8 9321 9111 Fax: +61.8 9321 9277 Email: marketing@australiascoralcoast.com www.australiascoralcoast.com Australia's Coral Coast is proudly supported by Tourism Western Australia

Kalbarri Visitor Centre INC (08) 99371104 PO Box 219 Kalbarri WA 6536 bookings@kalbarri.org.au www.kalbarri.org.au



Page | 1



4th April 2017 Mr Garry Keeffe Chief Executive Officer Shire of Northampton PO Box 61 Northampton 6535

Dear Garry,

RE: Budget Submission – Kalbarri Visitor Centre - Operating Subsidy 2017-18

The Kalbarri Visitor Centre wish to apply for an annual operating subsidy of \$35,000 for 2017-18.

Shire have been very supportive over recent years which has enabled the Visitor Centre to thrive and accomplish. We have secured 30 new financial members (25% increase) within the community since the repayable loan by Shire was granted in 2012.

This demonstrates a restored confidence and faith in the operations of the centre.

15 Tour Operators	
47 Accommodation members	
40 Local Business	
15 Café's restaurants	
117	Total

Currently we are performing very well in comparison to other centres in WA and Australia, with some figures we can all be very proud of.

1st Jan	2015 -	- 1st Jan	2016	

Australia	Western Australia
15th Place	6th Place
13th Place	5th Place
13th Place	4th Place
Average Boo	okir

Last year's Shire funding combined with the Visitor Sustainability Grants allowed the KVC to purchase new computers, hire a new team member, replace signage and replace our reception counter. This year's funding will allow us to continue achieving goals and market our beautiful region.

We trust Council will review our request as favourable to enable the KVC to continue with essential service to the town and the Shire of Northampton.

Warm Regards Tracy Grosvenor, Manager

Kalbarri Visitor Centre INC (08) 99371104 PO Box 219 Kalbarri WA 6536 bookings@kalbarri.org.au www.kalbarri.org.au





Council's Annual Budget 2017-18

Request Form

Name: Kalbarri Visitor Centre (Tracy Grosvenor)

Description of Request	Estimated Cost \$
Digital projector and pull down screen for the Allen Centre	1000
Currently, Kalbarri Visitor Centre meetings are often held at the St Johns Building as they are the only location in Kalbarri with a projection facility. Tourism is visual and by projecting videos, statistics and imagery to members and committee creates more engagement, interaction and interest. This addition may also increase the hiring potential of the Allen centre, while offering a technology solution for Kalbarri based shire meetings	

PO Box 61 Northampton 6535 or Fax 9934 1072 email: <u>ceo@northampton.wa.gov.au</u>





Hoseys' Contracting PO BOX 479, Northampton, 6535

PO BOX 479, Northampton, 6535 Phone: 08 9936 6085 Fax: 08 9936 6087 Email: hoseys1@westnet.com.au

Quote to:	
Shire of Northampton	
PO BOX 61	
Northampton WA	
6535	
Shire of Northampton	

QUOTATION

Quote No	Date	Valid Until
117	04-Apr-17	04-May-17

Description	Qty	Price	Total
KALBARRI RIVERFRONT RETAINING WALL (SALLY'S TREE)	_		
Reconstituted limestone blocks			
Wall Height @ 3 blocks high = 1080 - 250 = 830 retain 66m length total			
1000x350x350	132	\$12.30	\$1,623.60
500x350x350	188	\$8.60	\$1,616.80
Freight	1	\$4,820.40	\$4,820.40
Kalbarri Loader to unload	1	\$0.00	\$0.00
WALL INSTALL			
Engineers Specs	1	\$680.00	\$680.00
Mortor Sand	1	\$580.00	\$580.00
Coastal Cream cement	1	\$980.00	\$980.00
Silocon and rods	1	\$340.00	\$340.00
Earthworks, excavation and compaction	1	\$4,800.00	\$4,800.00
Blocks Install	1	\$7,980.00	\$7,980.00
Travel	1	\$660.00	\$660.00

Sub Total	\$24,080.80
Plus GST	\$2,408.08
Total Quoted Amount	\$26,488.88

Power and water supplied in quote

Northampton Shire to remove piled sand and vegetation once excavated and fence off park and car park area

Thank you for your business!



ADMINISTRATION & CORPORATE REPORT

6.5.1	REVIEW OF DELEGATIONS & POLICIES	2
6.5.2	LEGISLATION IMPOST	6
6.5.3	MARKING OF NORTHAMPTON OVAL	30
6.5.4	OUTSTANDING RATES – ASSESSMENTS A4813 & A4814 ROD MACKENZIE	31
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6.5.6	LYNTON HERITAGE SITE – STABILISATION CONCERNS	52



SHIRE OF NORTHAMPTON ADMINISTRATION & CORPORATE REPORT – 21 APRIL 2017

6.5.1	6.5.1 REVIEW OF DELEGATIONS & POLICIES	
	FILE REFERENCE: DATE OF REPORT: REPORTING OFFICER:	4.2.4 1 April 2017 Garry Keeffe

SUMMARY:

Council to review its Delegations and Policies. Councillors are advised to refer to their Delegation and Policy Manual.

Councillors are required to bring their Policy/Delegation Manual.

6.5.1.1 REVIEW OF DELEGATIONS

Public Health Act Duties

Section 5.46(2) of the Local Government Act 1995 requires all local governments to at least once each financial year undertake a review of their delegations.

Throughout the year since the last review the following delegation was adopted to comply with the requirements of a review of the new Health Act of WA:

"That pursuant to Section 21(1)(b)(i) Part 2 of the Public Health Act 2016, that Council delegates power and duties conferred or imposed on the Shire of Northampton by the Public Health Act 2016 to the Chief Executive Officer".

Review of the road train/extra mass vehicle delegation

The current delegation states:

"The Chief Executive Officer has delegated authority to determine any application recommending approval or refusal, as per the conditions set out in this delegation, for referral to Main Roads WA to use truck combinations as per the following:

Truck Combinations not exceeding 27.5 metres in length

Ajana East, Box, Parker on to Wundi, Northampton - Nabawa, Ajana Back, Brooks, Telegraph, Magee, Chilimony, Ogilvie West (west of Mumby), North, Ralph, Yerina Springs, Erriary, Wickens, Diepeveen, Sutherland, Teakle, Horan Roads.

Truck Combinations up to 36.5 metres in length



Ogilvie East, Balla Whellarra, West Binnu (from NWCH to Yerina Springs intersection and George Grey Drive within this section), East Binnu (sealed section only), Kalbarri-Ajana, Sutherland, Smith and Porter Streets, Atkinson Crescent.

The Chief Executive Officer has also be given delegated authority to renew approvals for application to operate extra mass, long vehicle and road trains (to a minimum of 36.5m) truck combinations on Council roads that are not approved under Main Roads network routes, to operators that have previously been approved and have not breached any conditions for such combination uses."

As Council is aware, Main Roads WA only has the power to approve RAV roads and not the Council and therefore the current delegation is obsolete. There is however an issue if new roads are being requested.

The current process is for that request to be submitted to Council first, then if approved is referred to Main Roads WA for their inspection and determination and that determination is then presented back to Council.

It is considered that an easier process should be followed, being that when the CEO receives a request he first refers it to Main Roads WA and then their results are presented to the Council for final approval.

The following delegation is used by neighbouring Councils to assist with the above process and is presented for Council consideration:

Council adopt the current approved Main Roads WA's Restricted Access Vehicle (RAV) roads and conditions associated with approved roads within the Shire of Northampton.

Procedures for the establishment of a new or amendment to an existing Heavy Haulage Route

- 1. Operator applies to Shire of Northampton,
- 2. Shire staff inspect new route to determine suitability in accordance with basic MRWA criteria.
- 3. Shire staff put recommendation to MRWA to reject or progress the application.
- 4. Send application from Shire to MRWA Heavy Vehicle Services (HVS) Route Assessment Section.
- 5. MRWA Heavy Vehicle Officer (HVO) will send the application to MRWA regional office to inspect route and make appropriate recommendation back to MRWA Heavy Vehicle Officer (HVO).



6. MRWA HVO reviews the route assessment then approves or rejects route and advises Shire of Northampton accordingly.

Once a route has been approved it remains relevant to all operators who then make direct application to MRWA for a permit (not to Council).

Refer to the current Main Roads WA's Restricted Access Vehicle (RAV), website for the approved list of roads within the Policy;

6.5.1.2 REVIEW OF POLICIES

Throughout the year since the last review one new policy was adopted relating to risk management. This policy is lengthy and is contained in the revised Policy Manual and not provided in this report.

<u>New Policy</u>

In the past the practice of providing a gift/certificate etc for recognition for long service periods has been ad hoc, with the decision of a gift, whether monetary or a gift itself being made by the CEO.

It is recommended that Council adopt a policy based on the anniversary years and the monetary contribution or gift to the value of is made. This then provides management with a clear direction on what occurs to recognise such long serving employees. The suggestion of a monetary gift does eliminate eth need of deciding what type of gift should be provided.

Following are suggested payment rates for terms of service.

10 years service	\$200
20 years service	\$500
30 years service	\$1,000
40 years service	\$1,500

STATUTORY IMPLICATIONS:

State: Local Government Act 1995 – Section 5.46(2)

VOTING REQUIREMENT:

Absolute Majority



OFFICER RECOMMENDATION – ITEM 6.5.1

- 1. That all current delegations as reviewed to remain in force.
- 2. That Council approve of the revised delegation relating to RAV Road Network approvals.
- 3. That Council adopt the "gift for long service" Policy as presented/or amended.
- 4. That all current policies as reviewed remain.



SHIRE OF NORTHAMPTON ADMINISTRATION & CORPORATE REPORT – 21 APRIL 2017

6.5.2 LEGISLATION IMPOST

FILE REFERENCE: DATE OF REPORT: REPORTING OFFICER: APPENDICES:

4.2.8 20 March 2017 Garry Keeffe 1. Table of legal imposts identified

SUMMARY:

Council to support a proposal for the WALGA Northern Zone to pursue a request to the Minister for Local Government to review and introduce changes to the Local Government Act 1995 and associated regulations with the aim of reducing legislative and cost impost.

BACKGROUND

At the Western Australian Local Government Association (WALGA) Northern Country Zone (NCZ) meeting held on the 20th February 2017, I raised the concerns on the continually legislative burdens being placed on local government authorities. The burden was seen as being a combination the plethora of additional legislative impost being introduced, the existing superfluous legislation already in place and the interpretation of the legislation by the executive arm of government on how the requirements of the Act and Regulations should be implemented.

As a result of the discussion at the NCZ meeting, the CEO's where requested to develop a list of legislative burdens to be presented back to the Zone for consideration on further action.

The CEO's (and other Senior Staff) met on the 9th March 2017 to compile a list of agreed legislative burden issues. I undertook the lead on the issue and have now compiled the CEO's consensus list, which is provided at Appendices 1 for Council information and determination. Not all the items presented to the CEO's meeting where retained on the consensus list; however, a majority were.

COMMENT

The CEO's feel the best approach to take in regards to the legislative burden issues (bearing in mind we are only dealing with the Local Government Act and Regulations at this time) is to recommend the NCZ take these concerns to each individual WALGA Zone in the first instance to:



- Seek any additional items they consider being a burden to be added to the list;
- To approach the WALGA State Council from the bottom up, rather than going directly from the NCZ to WALGA and having WALGA take control of the item, making it a top-down approach; and
- Co-opt the services of someone with local government experience undertake an analysis of what the legislation says and what the Department of Local Government is interpreting how the legislation should be implemented.

There is the concern amongst some CEO's of the issue may be glossed over at a WALGA State Council level unless there is not pre-determine support from the Zones in the first instance. Hence the strategy to work this through the Zones in the first instance before going to the WALGA State Council.

There is also concern amongst the CEO's over the way the Department of Local Government & Communities (DLGC) interpret the Local Government Act and Regulations. Such interpretations invariable surface as DLGC Guidelines or Best Practice Procedures, which are passed down the local government authorities to implement. A classic example of this is the recent DLGC Guidelines on how to review the Integrated Planning and Reporting documents currently in place across the industry. A significant burden on already stretched resources in our Shires.

STATUTORY ENVIRONMENT

Local Government Act, 1995 & associated Regulations.

There appears to be an appetite from the recently elected Labour State Government to undertake a review of the Local Government Act, 1995 & associated Regulations. However; the informal feedback coming from the DLGC is any such review should be minimalistic. The DLGC suggested approach to a review is not supported by a majority of NCZ CEO's with our feeling being a wholesale review needs to be undertaken to address the legislative burdens already in place under the legislation.

FINANCIAL IMPLICATIONS

The financial Implications associated with superfluous overburdening legislation has not been formally measured or analysed. However; in a presentation given in the early 2000s by Shane Silcox, CEO City of Melville, indicated the costs of



legislative compliance in local government is approximately \$12m per annum. Below is an extract from the Shane's presentation:

"In Western Australia the growth in legislation from the 1960s as documented in the Business Regulation Action Plan by the Business Council of Australia has been some 185% to a staggering 20,000 pages of primary legislation in 2000. That is from approximately 7,000 pages of primary legislation in 1960's, 11,000 pages in 1970's, 14,000 pages in the 1980's, 18,000 pages in the 1990's and 20,000 pages in the 2000's.

Unfortunately, many regulations conceived to fix one problem often lead to unintended consequences, sometimes requiring more legislation...and the cycle goes on!

And the cost of this exponential growth, or exuberance, is estimated at 8% of GDP. In fact the cost of regulation for small and medium-sized Australian businesses in 1998, suggests the OECD, is estimated at more than \$17 billion. Additionally, the Federal government alone spent some \$4.5 billion on the administrative costs of Commonwealth regulatory bodies.

Studies in the USA have identified that the cost of compliance is about 1.5% of revenues...<u>in Western Australia the combined Local Government revenues is some</u> \$829m hence the cost of compliance in this state alone is over \$12m.

Overall it is unfortunate that compliance has dominated debate since the 1990's with our society becoming more litigious in the process. Australian taxpayers, consumers and ratepayers ultimately pay the price of this exuberance both from a compliance and risk management perspective."

It would fair to state the issue has worsened significantly since the early 2000's and I am sure the legislation cost across the local government sector would closer to \$20m per annum. However, as you would imagine, ascertaining the actual costs burden would be a major exercise and one I am sure this shire alone (or even the NCZ member LG's) could afford to the time or resources to undertake.

STRATEGIC IMPLICATIONS

It is understood legislation is required to ensure good governance is in place. However; it is also clear over-burdening legislative and supposed *Best Practice* interpretation of the legislation is a real issue.



The ability for local government authorities to be entrepreneurial and strategically focused to grow and develop their district and communities is being stifled by the ever increasing burden of legislation and compliance being forced onto the local government.

It is sad to continually see the State Government (no doubt driven and directed by the DLGC) introduce knee-jerk legislation almost every time there is an issue highlighted with an individual local government authority.

Again quoting from the presentation given by Shane Silcox:

"The first and often only reaction from governments to abhorrent business behaviour, however isolated the incident suggests business writer John Arbouw, is to enact new legislation and give regulators more power. But has this rush to legislate judgment gone too far and become a threat to the effectiveness of government, the economy and is it adding an unforeseen cost burden to ratepayers and consumers?

Recent examples abound in our industry...one CEO's curriculum vitae is rightfully questioned as to its accuracy and now all CEO salaries and recruitment is now regulated. One council tries to change the method of electing the mayor for its council and again more regulation follows, one council tried to use rates concessions for absent owners of holiday properties and again legislation is brought in, another council maybe seen to have less than adequate contract management processes in place and I am sure the response will be more regulation...what will be the next knee jerk reaction?

<u>It would seem that the birth of regulation is the scar tissue of previous mistakes</u> rather than legislation being a framework to enable local governments to serve the consumer base more effectively and efficiently."

(Note: A full copy of Shane Silcox's presentation can be made available upon request.)

CONSULTATION

The NCZ CEOs and other Senior Staff have discussed their concerns and developed a list of legislative burdens associated with the Local Government Act & Regulations only (at this stage).

The intention is for all NCZ member local government authorities to discuss the matter and bring their positions to the next NCZ meeting for consideration.



VOTING REQUIREMENTS

Simple Majority

OFFICER RECOMMENDATION – ITEM 6.5.2

Council advises the Northern Country Zone (NCZ) of the Western Australian Local Government Association (WALGA) the following in regards to the issue of legislative and compliance burdens placed on Western Australian local government authorities:

- 1. It supports the list of legislative issue, which need to be reviewed as presented by the NCZ Chief Executive Officers and Senior Staff;
- 2. Recommends the NCZ local government authorities co-opt the service of an appropriately qualified and experienced individual or organisation to analyse the legislative requirements of the Local Government Act and associated Regulations in comparison to the interpretation of this legislation by the executive arm of State Government;
- 3. Recommends the NCZ approach all WALGA Zones seeking any additional items to be added to (or expanded upon) the current list of legislative issues, which need to be reviewed as presented by the NCZ Chief Executive Officers and Senior Staff;
- 4. Recommend an approach not be made to the WALGA State Council on this matter until feedback has been obtained from all WALGA Zones to ensure this matter is presented to the State Council with prior Zone support and/or input.



ADMINISTRATION & CORPORATE REPORT – 21 APRIL 2017

APPENDICES 1 – Legal Burdens Identified

ITEMS FOR DISCUSSION

Item	Description	Comments
1	Part 6 & Financial Management Regs	All Ratios need to be reviewed, specifically the inclusion of FAGS revenue into the ratios.
1	Part 6 & Financial Management Regs Financial Ratios	 All Ratios need to be reviewed, specifically the inclusion of FAGS revenue into the ratios. Currently FAGS are not included, which reflects poorly on LGA's. As stated under section 3 of the <i>Local Government (Financial Assistance) Act 1995</i> the Australian Government provides financial assistance for local government purposes by means of grants to the states and self-governing territories for the purpose of improving: The financial capacity of local governing bodies; The capacity of local governing bodies to provide their residents with an equitable level of services; The efficiency and effectiveness of local governing bodies; and The provision, by local governing bodies, of services to Aboriginal & Torres Strait Islander communities. For the DLGC to determine the FAG revenue should form part of the LGA ongoing recurrent revenue (similar to rates, fees and charges, etc.) is ludicrous and contradicts Commonwealth legislation. Recommend that rather than change the ratios, the Financial Health Indicator should take the FAG's into account.



	17A. Assets, valuation of for financial reports etc.
	(1) In this regulation — fair value, in relation to an asset, means the fair value of the asset measured in accordance with the AAS.
	(2) Subject to subregulation (3), the value of an asset shown in a local government's financial reports must be the fair value of the asset.
	(3) A local government must show in each financial report —
	(a) for the financial year ending on 30 June 2013, the fair value of all of the assets of the local government that are plant and equipment; and
Reg 17A Financial Management Regs	(b) for the financial year ending on 30 June 2014, the fair value of all of the assets of the local government —
	(i) that are plant and equipment; and
	(ii) that are —
	(I) land and buildings; or
	(II) infrastructure;
	and
	(c) for a financial year ending on or after 30 June 2015, the fair value of all of the assets of the local government.
	(4) A local government must revalue all assets of the local government of the classes specifie in column 1 of the Table to this subregulation —
	(a) by the day specified in column 2 of the Table; and
	(b) by the expiry of each 3 yearly interval after that day.



		Class of asset	Day	
		Plant and equipment	30 June 2016	
		Land, buildings and infrastructure for which the fair value was shown in the local government's annual financial report for the financial year ending on 30 June 2014	30 June 2017	
		All other classes of asset	30 June 2018	
	 (5) A revaluation under subregulation (4) must be based on the value of the asset as at a that is as close as possible to the day by which the revaluation is due. [Regulation 17A inserted in Gazette 20 Apr 2012 p. 1699-700; amended in Gazette 2. 2013 p. 2451.] Asset Revaluations (Fair Value) – Remove the need for assets (i.e. Building; Plant & Infrastruction be revalued every three years. 		ed in Gazette 21 Jun	
	In most sm all). This al	nall LGA's this is an excessive cost t so distorts the Financial Statement nificantly as this is subject to the ir	ts as values (particularly Infrastruc	
		nd that Asset Revaluations only bond requirement.	e required to be undertaken every	/ five years, as is the



		If five years is not to be considered then an alternative recommendation is that the Salaries Administrative Tribunal bands be used, ie if in Band 4 only require revaluation every "x" amount of years Recommend that it is questionable the benefit of valuing assets which cannot be sold and infrastructure of assets. Does not give a true reflection of the Councils financial situation as the value of these assets only inflates the financial position but in reality those assets cannot be sold
2	Section 2.1, Schedule 2.1; & Constitution Reg. -Provisions about creating, changing the boundaries of, and abolishing districts	Amend legislation to ensure poll option is required for boundary adjustment if required by an affected local government authority. The issue is that Clause 8 of Schedule 2.1 only allows poll provisions for the amalgamation of two or more districts, not for boundary adjustments. The argument is a district(s) could be merged with its neighbour simply by adjusting boundaries and not wholesale amalgamation of two districts. Local Governments have been stalked in the past on such boundary adjustment concepts however there is no poll provisions allowed under the legislation in such instances. Recommendation is that Schedule 2.1 needs to be amended to ensure any LGA with boundary adjustments as they do with an amalgamation .



3	Section 2.1; Schedule 2.2; & Constitution Reg.	The current State Government position of +/- 10% of Electors to Elected Members is unfair when
	- Ward Representation	the rate/revenue contribution of the various area of LG district is not taken into account as well.
		Unable to determine if the ratio is set by legislation, which sets the +/- 10% ratio and believe this is simple a position of the State Government, probably at the recommendation of Executive
		Government, which has then been a direction to the Local Government Advisory Board.
		In the Shire of Somewhere as an example the Electors are approximately 50:50 under the current Ward system, whereas the rate revenue is significantly weighted to the UV areas (i.e. 82% UV – v – 18% GRV).
		It is being suggested the Rate Revenue only should be the basis of revenue source of an LGA and the WALGGC population ratio linked to FAGS revenue would also need to ne included into the calculations.
		A combination of a number of criteria needs to be included as part of the Ward Representation ratio rather than just using the Electors – v – Elected members in isolation.
		Regional & remote LGA's opposed the State at the time they introduced the <i>One Vote – One Value</i> procedure for establishing State Electoral boundaries, yet we did not fight against the same concept for our own Ward Boundary representation, which is based on the same concept.
		Recommend that the appropriate body, be it the DLGC or WALGA investigate the possibility of a
		criteria being developed to accommodate the above. Note this is not legislated but a directive. In
		addition the calculating of rate revenue as a basis is not in keeping with the definition of "electors"



4	Section 2.31 – Resignation of Elected Member	Section 2.31 (3) requires Written notice of resignation is to be signed and dated by the person who is resigning and delivered to the CEO. Recommendation that his section be amended to reflect an emailed resignation with undisputed proof the email is from the Elected Member should satisfy the requirements of being a signed & dated resignation delivered to the CEO.
5	Division 2– Subdivision1& Functions & General Regs. – Local Laws made under the Act	The Local law process is extremely complex and difficult. This whole area needs to be reviewed to simplify the process of adopting new and/or reviewing existing local laws. Recommend that the DLGC undertake a comprehensive review with industry input on the process in reviewing Local Laws. The process needs simplification and an alternative needs to be established and considered by the sector.
6	Section 3.53 – Control of certain unvested facilities	Section 3.53(2) states: "A local government is responsible for controlling and managing every <u>otherwise unvested</u> facility within its district unless subsection (5) states that this section does not apply." The interpretation of <u>otherwise unvested facility</u> in the Act is: "otherwise unvested facility means a thoroughfare, bridge, jetty, drain, or watercourse belonging to the Crown, the responsibility for controlling or managing which is not vested in any person other than under this section."



		The issue with this legislation is the LGA is responsible for all unallocated crown land (e.g. fire control, removal of abandoned vehicles, etc.) Recommend that this section needs to be removed or, if LGA's are to remain responsible for this land then they should be able to either rate the Crown or seek reimbursement of costs from the crown for works that are required.
7	Part 4 – Elections & Other Polls (Section 4.62)& Election Regs	If an LGA is conducting a Postal Election or Referendum then the need to man a Polling Place on the day of the Election/Referendum should be removed. It is an added expense to have the WAEC & staff sitting at a Polling Place all day for limited or no votes collected. The Counting of Votes should still be held after 6pm on the election/referendum day. Recommend that the requirement to man a polling place when undertaking an election by postal vote be removed.
8	Subdivision 4 – Electors Meetings	 Amend this legislation to allow a LGA to determine if they want (or don't want) to conduct an Electors Meeting. Remove set number of days (i.e. 56) a LGA must hold an Electors meeting after accepting the Annual Report. Remove requirement for Minutes of an Electors meeting having to be presented to the <i>first ordinary meeting after the Electors Meeting.</i> This is not always possible. Perhaps state the minutes need to go to Council no more than three meetings after the Electors meeting being held.



		Recommend that the above changes be undertaken
9	Section 5.37 – Senior Employees	Remove section 5.37(2) regarding: "and the council may accept or reject the CEO's recommendation but if the council rejects a recommendation, it is to inform the CEO of the reasons for its doing so." This does not make sense and the CEO should only be required to advise Council of his/her decision to employ/dismiss a Senior Employee. Also remove sections 5.37(3) & (4A) i.e. (3) Unless subsection (4A) applies, if the position of a senior employee of a local government becomes vacant, it is to be advertised by the local government in the manner prescribed, and the advertisement is to contain such information with respect to the position as is prescribed. (4A) Subsection (3) does not require a position to be advertised if it is proposed that the position be filled by a person in a prescribed class. The way the CEO advertises and fills any position (senior or not) should be considered operational and be at the discretion of the CEO. Recommend that the above changes be undertaken



10	5.38 Annual review of certain employees' performances	Section 5.38 states
		The performance of each employee who is employed for a term of more than one year, including the CEO and each senior employee, is to be reviewed at least once in relation to every year of the employment.
		It is interpreted that this requires all employees to be reviewed annually. In smaller local authorities it appears to be a non sense to have this requirement. Senior staff/supervisors predominantly know the performance of all employees due to their close working relationship with them. Further this legislative requirement is again regulating an operational process and reviews should be at the discretion of the individual LGA.
		For CEO and Senior Employees, they have performance reviews stipulated in their contracts.
		Recommend that this section be deleted as is an operational matter and should not be legislated.
11	5.56. Planning for the future	The current requirements for Integrated Planning & Reporting (IPR) are too onerous, specifically for smaller LGA's with limited resources.
		The most recent review undertaken by the DLGC has only exacerbated the resource requirements on LGA's to review their IPR.
		There must be different levels of requirements placed on LGA's of different sizes & resource capacity. The current IPR set up has resulted in smaller LGA's having to increase rate revenue to obtain external services/consultants to step these LGA's through the process.



	Long Term Financial Plans and Asset Management Plans linked to basic Strategic Community Plans is all that should be required. Corporate Business Plans & Workforce Plans are superfluous.
	Agreed, however it was noted that it is not the actual legislation but the Department and their one size fits all 'guidelines' that are the problem. Guidelines using 'banding' to reflect capacity of local governments would be better. Noted that Strategic Community Plans legislation in Queensland was abolished as the plans were unrealistic and unachievable financially for many rural local governments
	Also a concern that directives coming from DLGC are telling LG what they should do. It's a LG decision not the DLGC.
Division 9 & Rules of Conduct Regs. – Conduct of certain officials	 Penalties for breaches (other than a <i>serious breach</i>) under the Act and Code of Conduct need to be harsher as in instances this has not deterred an elected member for continuing a breach. 5.110 Dealing with complaint of minor breach (5) If a standards panel finds that a council member has committed a minor breach, the standards panel is required to give the council member an opportunity to make submissions about how the breach should be dealt with under subsection (6). (6) The breach is to be dealt with by — (a) dismissing the complaint; or (b) ordering that —
	•



	(i)	the person against whom the complaint was made be publicly censured as specified in the order; or
	(ii)	the person against whom the complaint was made apologise publicly as specified in the order; or
	(iii)	the person against whom the complaint was made undertake training as specified in the order;
	or	
(c)	orderir	ng 2 or more of the sanctions described in paragraph (b).
5.113 Punishn	nent for r	ecurrent breach
		r section 5.112, the State Administrative Tribunal finds that a person reach, it may make any of the orders described in section 5.117
5.117 Punishn	nent for s	erious breach
	-	tion under section 5.116(2), the State Administrative Tribunal finds that a tted a serious breach, it may —
(a)	order	that —
	(i)	the person against whom the allegation was made be publicly censured as specified in the order; or
	(ii)	the person against whom the allegation was made apologise publicly as specified in the order; or
	(iii)	the person against whom the allegation was made undertake training as specified in the order; or
	(iv)	the person against whom the allegation was made is suspended for a period of not more than 6 months specified in the order; or



		 (v) the person against whom the allegation was made is, for a period of not more than 5 years specified in the order, disqualified from holding office as a member of a council; Current penalties are to week and lack consequence for inappropriate actions by Elected Members
		Recommend that the DLGC review all penalties for breaches under Rules of Conduct Regulations.
13	 6.33. Differer 6.36. Local government to Financial Management Regs. 	Process of advertising and advertising intention to impose differential rates is unwieldy, specifically the timing issues and having to determine a rate in the dollar before the property revaluations are available. These rates are unavailable incorrect as it isn't possible to determine property valuation prior to Landgate releasing these figures, therefore making it necessary to report the rates variations in the Budget. An easier process needs to be introduced. Recommend that the DLGC undertake a complete review of the WA rating system make it comparable to the methodology of other States.
14	Admin Reg. 10 - Revoking or changing decisions (Act s. 5.25(1)(e))	 Regulation 10 states: (1) If a decision has been made at a council or a committee meeting then any motion to revoke or change the decision must be supported — (a) in the case where an attempt to revoke or change the decision had been made within the previous 3 months but had failed, by an absolute majority; or (b) in any other case, by at least ¹/₃ of the number of offices (whether vacant or not) of members of the council or committee,



inclusive of the mover.
(1a) Notice of a motion to revoke or change a decision referred to in subregulation (1) is to be signed by members of the council or committee numbering at least $1/3$ of the number of offices (whether vacant or not) of members of the council or committee, inclusive of the mover.
(2) If a decision has been made at a council or a committee meeting then any decision to revoke or change the first-mentioned decision must be made —
(a) in the case where the decision to be revoked or changed was required to be made by an absolute majority or by a special majority, by that kind of majority; or
(b) in any other case, by an absolute majority.
(3) This regulation does not apply to the change of a decision unless the effect of the change would be that the decision would be revoked or would become substantially different.
[Regulation 10 amended in Gazette 31 Mar 2005 p. 1030.]
It is questionable that a majority of local governments would follow the above process and would simply move a motion to revoke/change a motion. The process is cumbersome and needs to be changed.
Recommend that Regulation 10 be amended to remove the notice to be signed by all elected members and simply require a Council to change or revoke a motion by a motion with an absolute majority to pass that motion.



15	Admin Reg. 14A - Attendance by telephone			
	etc. (Act s. 5.25(1)(ba)	This sect	ion is to	o restrictive and needs to be relaxed (e.g. the 150km distance is unrealistic).
		14A. Atte	endance	by telephone etc. (Act s. 5.25(1)(ba))
		(1)	•	on who is not physically present at a meeting of a council or committee is to be o be present at the meeting if —
			(a)	the person is simultaneously in audio contact, by telephone or other means of instantaneous communication, with each other person present at the meeting; and
			(b)	the person is in a suitable place; and
			(c)	the council has approved* of the arrangement.
		(2)	more t financia	cil cannot give approval under subregulation (1)(c) if to do so would mean that at han half of the meetings of the council, or committee, as the case may be, in that al year, a person (other than a person with a disability) who was not physically t was taken to be present in accordance with this regulation.
		(3)	if the p	on referred to in this regulation is no longer to be taken to be present at a meeting erson ceases to be in instantaneous communication with each other person t at the meeting.
		(4)	In this	regulation —
			disabil	ity has the meaning given in the <i>Disability Services Act 1993</i> section 3;
			suitabl	e place —
				in relation to a person with a disability — means a place that the council has approved* as a suitable place for the purpose of this paragraph; and



		(b) in relation to any other person — means a place that the council has approved* as a suitable place for the purpose of this paragraph and that is located —
		(i) in a townsite or other residential area; and
		 (ii) 150 km or further from the place at which the meeting is to be held under regulation 12, measured along the shortest road route ordinarily used for travelling;
		<i>townsite</i> has the same meaning given to that term in the <i>Land Administration Act 1997</i> section 3(1).
		With current technology local government should be embracing the opportunity to have Councillors
		participate, irrespective of distance or type of location (i.e. townsite).
		Decomposed that the 150km limit he new good from regulation 144
		Recommend that the 150km limit be removed from regulation 14A.
16	Admin Reg. 18F - Remuneration and benefits	The purpose of this regulation is questioned due to the remuneration of CEO's are set by the
	of CEO to be advertised	Salaries & Allowances Tribunal.
		Recommend that this section be deleted as serves no purpose in the governance of a LG
		Recommend that this section be deleted as serves no purpose in the governance of a Lo
17	Audit Reg. 15 - Compliance audit return	Recommend this requirement be removed sue to the plethora of other audits required.
		Agreed and question why it is a legislative requirement that it has to go to an Audit Committee
		Further the actual legislative need for an Audit Committee is questioned when the whole Council
		can undertake the same role.



18 Audit Reg. 17 - CEO to review certain systems and procedures 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 18 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19 Image: Audit Reg. 17 - CEO to review certain systems 19		The CEO is to review the appropriateness and effectiveness of a local government's systems and procedures in relation to — (a) risk management; and (b) internal control; and (c) legislative compliance.
		This is onerous and should be removed or amended. Not sure why this would need to go to the Audit Committee then to Council. If retained then should go directly to Council with the Council then determines if any items raised needs further investigation and then putting this to the Audit Committee. In many instances the process is very onerous on the CEO and therefore external assistance is used which comes at a cost to the Council.
		Recommend that there should be different requirements for different 'bands' of local governments and DLGC's expectations need to be amended to allow reviews to be done in house.
19	Annual Reports	Recommend that there should be different levels of requirements for different 'bands' of local governments Also question the actual need for them considering little are read by electors.



20	Annual Financial Reporting	Currently there is a one size fits all model for the annual financial process and Corporate Business
		Planning Process. Could a scenario where there is a tiered process that requires a higher level of
		reporting for larger LG's, similar to the tiered approach that exists with company reporting.
		Recommend that the DLGC develop a "tiered" process on the level of reporting for each LG and on
		the level of compliance
21	Annual Returns	Where a Councillor or designated employer has had no change to their previous Annual Return, they
		are required to place "No change" "nil" "none" within each box of the return. This does not occur in
		many cases and Auditors are determining that a Annual Return is not complete due to some boxes
		in the return have not been marked "none", "nil" or "no change."
		Recommend that the Annual Returns be changed to introduce the ability to declare 'no change
		from previous year' instead of having to mark every area. This will also assist in the storing of
		annual returns where only one page needs to be kept on record and not four as is the current
		case. This does not sound like an issue, however when you have a member that has been on
		Council for many years, the accumulation of four pages of an annual report does build up.
22	Tender Regulations	Operating issues with current regulations, road building materials such as bitumen, asphalt and
		aggregate should be exempt as are fuel and oils.
		Recommend that road building materials should be exempt from Tender provisions
		Concern that auditors and the DLGC are interpreting the \$150,000 threshold can go over more than
		two, three or even more financial years which is an issue with the provision of some services, ie
		tyres from the one firm. Industry belief it only relates to a financial year



		Recommend that the \$150,000 threshold should be per financial year or per project if a project spans more than one financial year.
23	Section 3.5.8 Disposal of Property	Issue is that if a LG gets a Real Estate Agent to sell land on its behalf and that land is sold, then the LG still has to go through the advertising process Recommend be changed to allow disposal through real estate agent (without having to go through 3.58 advertising provisions, ie be an exemption) as advertising has been undertaken and the public are well informed of the proposal to sell.
24	Exemption of rates	Recommend be changed to allow Council to decide whether or not to allow exemption to each 'charitable organisation' and any other organisation (eg CBH)
25	Financial Workshops	The Department needs to assist local government more rather than being a policeman all the time. One example is where the Department will send you a letter if you forget to supply them with a copy of the annual financials. Instead of waiting for the deadline they could be more helpful and send a reminder prior to the deadline. Most smaller LG's generally rely on one person to undertake this type of function, if they get sick or are on leave there is generally no one to do the role. Also the audit partner could send the annuals document when they advise the Department that the audit has been signed off.
		Recommend that the Department should be providing templates for annual reports, budgets etc, instead of Councils having to pay Moore Stephens to attend workshops, receive templates. Generally the Department should have more of a focus on "helping", not "policing"



General Compliance Requirements	
	Many of the difficulties experienced are as a result of Departmental Guidelines/expectations as
	opposed to the actual Local Government Act 1995 and Regulations. It is recommended that a
	tiered approach towards compliance needs to be taken by the Department, and not apply a one
	size fits all as many smaller local governments do not have the staff or financial resources to
	ensure the compliance strictly in accordance with the DLGC expectations. It appears that DLGC go
	over and beyond what the actual legislative requirements are.



 6.5.3
 MARKING OF NORTHAMPTON OVAL

 LOCATION:
 Northampton Recreation Oval

 CORRESPONDENT:
 Northampton Football Club

 FILE REFERENCE:
 11.1.8

 DATE OF REPORT:
 29 March 2017

 REPORTING OFFICER:
 Garry Keeffe

SUMMARY:

Council to determine a request from the Northampton Football Club to mark the oval with glyphosate to assist in maintaining line marking for football games

BACKGROUND:

A request has been received from the correspondent seeking Council approval to place spot markings using glyphosate that will assist them to maintain the lines required for the game of football. In the past they utilise their normal line marking paint however with mowing and watering these markings do disappear which again requires club members to re-measure line requirements, which they find to be a burden with low volunteers to assist.

COMMENT:

The use of glyphosate on the oval has not been approved previously.

There are concerns with using chemicals as requested. The primary one is that with spot marking or full line marking, the dead grass creates a depression which can be detrimental to players and officials with possible injury due to unlevel surface.

The only other concern is what will be the long term effects of those markings and what affect will they have on other sports, cricket for example.

VOTING REQUIREMENT:

Simple Majority Required:

OFFICER RECOMMENDATION – ITEM 6.5.3

For Council consideration.



6.5.4 OUTSTANDING RATES – ASSESSMENTS A4813 & A4814 – ROD MACKENZIE

FILE REFERENCE:	3.1.8
DATE OF REPORT:	20 May 2015
REPORTING OFFICER:	Garry Keeffe

SUMMARY:

Council to consider a repayment plan being offered for the payment of outstanding rates.

BACKGROUND:

As previously reported at the May 2016 meeting, Council staff for some time with Councils appointed debt collector have been endeavoring to recover outstanding rates that have been outstanding for some years on the following property.

Assessment A4813, Location 355 and 4814, Assessment A4814, Location 3135, 3136, 1618 and 386 owned by a Rodney MacKenzie.

The Council at their May 2016 meeting resolved to:

That Council instruct its debt collecting agency to undertake proceedings as per the provisions of Section 6.64 of the Local Government Act 1995 to sell Lots 355, 3135, 3136, 386 and 1618, owned by Rodney MacKenzie for the recovery of outstanding rates and charges.

Since the May 2016 meeting, a number of matters have transpired. The main issue was an overcharge of interest on outstanding Emergency Services Levy. During a review of this case it was found that an error on the adjustment of rates levied when the property was subdivide into two separate holdings, had occurred where a rates amount was placed into the ESL charges, which compounded interest on the outstanding amount, the result an overcharge of \$11,990.82. This amount has now been written off.

Mr MacKenzie has now requested that payments of \$20,000 be made in April 2017, October 2017, April 2018 and October 2018. A payment of \$20,000 was received in January 2017.



COMMENT:

As of this date the following rates and charges remain unpaid on Rate Assessment A4813 \$24,884.74 and on Rate Assessment A4814 \$63,577.44.

The \$20,000 payment made by Mr MacKenzie in January 2017 was all allocated to A4814. However as per revised instruction from Mr MacKenzie's legal advisors the payment is to be allocated equally to both assessments which results in the revised outstanding rates and charges being:

Rate Assessment A4813 \$14,884.74 Rate Assessment A4814 \$73,577.44

The concern with the ongoing payments of \$20,000 in April 2017, October 2017, April 2018 and October 2018 is that there will still be a significant amount of rates outstanding after the October 2018 payment as there will be 2017/18 rates and charges and 2018/19 rates and charges levied.

Using a scenario of a rate increase of 5% each financial year, clarify that this may not occur, but for this exercise the following will occur in relation to the \$80,000 to be paid:

	A4813	A4814
Arrears at this date	\$14,884.74	\$73,577.44
April 2017 payment	\$10,000.00	\$10,000.00
2017/18 Estimated Rates	\$ 1,373.62	\$ 6,610.41
October 2017 payment	\$ 6,258.36	\$13,741.64
April 2018 payment	\$	\$20,000.00
2018/19 Estimated Rates	\$ 1,442.30	\$ 6,940.93
October 2018 payment	\$ 1,442.30	\$18,557.70
Balance	\$ nil	\$24,829.44

As can be seen without the interest that would be incurred from non rates outstanding and the ESL levy which has not been taken into account as we don't know what level the ESL will be, there remains a balance outstanding of \$24,829 which is unacceptable considering the time that has passed in regards to this matter.

In regards to the 5% increase used, a rate increase is across all rateable properties, the actual rate per property can vary depending on revised unimproved values that are provided for rating purposes.



When the Council previously considered this matter they resolved to sell the properties as per the provisions of the Local Government Act. Taking into consideration that there will still be a significant amount outstanding in October 2017 it is considered that Mr MacKenzie will need to pay the current rates and charges to be levied in 2017/18 and 2018/19 over and above the \$20,000 he has pledged and to ensure that all rates, charges and interest are fully paid by October 2018.

If he cannot agree to the above then it is recommended that Council progress with the sale of the properties as per the May 2016 Council decision.

FINANCIAL & BUDGET IMPLICATIONS:

Legal costs are being incurred and these are charged back to the land owner. The main impost is the effect on Councils cash flow due the large amount outstanding.

STATUTORY IMPLICATIONS:

State: Local Government Act 1995 – Section 6.64 and Schedule 6.3

VOTING REQUIREMENT:

Simple Majority Required:

OFFICER RECOMMENDATION – ITEM 6.5.4

That Council

- 1. Instruct its legal advisors that Mr MacKenzie be required to pay all current rates and charges to be levied in 2017/18 and 2018/19 over and above the \$20,000 repayments scheme he has pledged to ensure all rates and charges are fully paid by October 2018.
- Should Mr MacKenzie not accept the repayment arrangement as per Item
 then sale of land processes for both holdings to commence immediately.
- 3. Should Mr MacKenzie fail to make a repayment then sale of land process to re-commence immediately.



6.5.5	BEAUTIFYING KALBARRI PROPOSAL – ART TO ENHANCE STREETSCAPES		
	FILE REFERENCE:	13.2.1	
	CORRESPONDENT:	Cynthia Fletcher	
	DATE OF REPORT:	4 April 2017	
	REPORTING OFFICER:	Garry/Keeffe & Debbie Carson	
	RESPONSIBLE OFFICER:	Garry Keeffe	
	APPENDICES:	1. Correspondence from proponent	
		2. Locations of proposed artwork	
		3. Letters of support for project	
		4. Example artwork from other locations	
		5. Portfolio of artist's work	

SUMMARY:

Council to consider providing in-principle support for the development and implementation of a series of public artworks to enhance the streetscapes of Kalbarri. In addition Council also to consider a request for a contribution within the 2017/18 budget for the proposed art work.

BACKGROUND:

A proposal has been received from a local Kalbarri artist requesting inprinciple support from Council for an arts-focused project that aims to enhance and beautify the streetscapes of Kalbarri through the installation of public art works and/or murals (refer to proponent's letter to Council attached as Appendices 1).

The "Beautifying Kalbarri" project is proposed to involve the planning, development and installation of a number of artworks around the townsite of Kalbarri and include a series of workshops designed to engage community participants from a variety of demographics. It is proposed that the project be coordinated and managed by the proponent (portfolio of artist's work available upon request), and who will predominantly seek grant funding to cover the costs associated with the project. The proponent has also submitted a budget request for Council consideration should this proposal be supported inprinciple.

Locations for the artwork installations have been proposed as per Appendices 2, and final concept designs will be submitted to Council for final approval prior to any art installations and painting occurring.

The proponent has also included with her proposal a number of letters of support from private business owners and community groups (refer Appendices



3), some example pictures of other community artworks (Appendices 4) and a small portfolio of the artist's work (Appendices 5).

FINANCIAL & BUDGET IMPLICATIONS:

The proponent has requested that should Council support the project in-principle, that they list an amount of 10,000 (being 20% of the estimated project cost) for consideration in the 2017/2018 Draft Budget.

COMMENT:

Although in principle the project is supported there are a number of unknown issues that the Council needs to be satisfied with before any formal approval is provided, being:

- 1. Confirmation from landowners that they have approved the artwork to be located on their individual properties;
- 2. Who is to maintain and repair any artwork should it become in a state of disrepair or be vandalised. In other rural towns where this type of project has occurred, the murals have faded and give the impression of neglect. This we cannot afford to allow in Kalbarri.
- 3. Is there of will there be an upgrade/replacement program to ensure the art work is maintained in a very high standard at all times.

Another important legal aspect that Council needs to be very aware of is that as per the requirements of the Local Government Act, the Council cannot expend any funds on property that is not under its ownership or control. In this request a large number of proposed art works will be on private property, therefore it is recommended to the Council that if it is to provide funds to the project, then those funds can only be expended on Council owned or controlled property.

COMMUNITY CONSULTATION:

Little to no public comment has been sought from the proponent apart from some local businesses.

As the project will be very prominent in the public eye, it is considered that once the designs are finalised that public comment be sought. Upon completion of public consultation then Council can determine if the project is to be supported and if any funds are to be provided. If the art work is not on any Council owned/controlled land then Council cannot be involved financially but can provide support to assist with grant applications.



With the above process it is considered that providing any financial assistance within the 2017/18 financial year is premature and therefore the project should be deferred for funding consideration in 2018/19.

STRATEGIC IMPLICATIONS:

Local: Shire of Northampton Planning for the Future 2009-2019

Shire of Northampton Community Strategic Plan 2016-2026

Strategy	Increase support for tourism across the shire and enable tourism to become a major and sustainable industry for the shire
Key Actions	Develop a strategy to maximise the aesthetics and streetscapes of major streets within the Shire
Measures of Success	Identify areas requiring street-scaping within communities

VOTING REQUIREMENT:

Simple Majority Required:

OFFICER RECOMMENDATION – ITEM 6.5.5

That Council:

- 1. Council provides "in-principle" support for the art project to allow the proponent to seek grant funding.
- 2. Require the proponent to provide detailed designs and then public comment on those designs be sought.
- 3. Upon receipt of public comment on the designs that funding for the project be considered in 2018/19;
- 4. Advises the proponent that any funding provided can only be expended on art work on Council owned/controlled property and not on any private property.



APPENDICES 1 – Letter from proponent

Shire of Northampton PO Box 61 Northampton WA 6535

4 April 2017

To President Craig Simkin and Shire Councillors,

RE: PROPOSED "BEAUTIFYING KALBARRI" ART PROJECT

I am writing to propose a project to Council that aims to enhance and beautify the streetscapes of Kalbarri through the installation of public art works and/or murals. The "Beautifying Kalbarri" project is proposed to involve the planning, development and installation of a number of artworks around the townsite of Kalbarri to create community and visitor interest, provide interactive artwork for the promotion of Kalbarri, and to improve the aesthetics and streetscapes around our community.

There are a number of public and privately-owned sites in and around the Kalbarri townsite that could be suitable for the creation of interactive and relevant artworks, and I have included with this letter photographic examples of other art installations for your consideration, as well as a list of proposed locations and letters from private landowners and local community groups who have expressed support for this project proposal. A great example of the type of public artwork that could be created is the street art that can be found along the "West End" of Marine Terrace as part of the City of Greater Geraldton's Vibrancy Strategy, such as the interactive "wing art".

It is proposed that I would act as an arts coordinator for the duration of the project, to oversee the project and artwork development. I have extensive experience in art-related projects and workshop management, and as an artist and Kalbarri local myself, I can see the opportunity for Kalbarri to differentiate itself from other tourist hotspots through the development of such a series of public artworks. I have attached a small portfolio of my work for your reference.

It is proposed that the project will engage and involve a number of different community groups based upon and according to their skills, experience and abilities. These community groups are proposed to include the Kalbarri District High School students, local artists including young artists, MEEDAC and the seniors group, and a number of workshops are proposed to teach and enhance art skills and also provide an opportunity for groups and individuals to collaborate and "own" a community project. For example, the school students would participate in a workshop to develop a concept plan for a public artwork (or series of artworks), with the final concept design and base drawing to be designed by myself, for the students to then transfer to the public space. We also have a number of talented and artistic youth locally, and a second workshop could be held to enhance and develop the art skills of these young talents, as well as to develop a concept design for a further public art space which they would then implement. The seniors workshop would allow senior members of our community to come together to



create their own individual or collaborative art pieces, with the workshops having a focus on technique development, and with the final art pieces to be displayed in an protected, public area. A total of five workshops are proposed, in order to develop five different public art displays for Kalbarri, and in order to enhance the art skills of people from a variety of demographics.

The costs involved in the "Beautifying Kalbarri" project will be largely determined by the type, number and scale of the public art displays, however this proposal estimates that \$50,000 would allow at least five workshops and at least as many art installations to be developed and installed. Costs relating to the project would include an art coordination/management fee, paint, art equipment, workshop costs and scaffolding hire expenses.

It is considered that the proposal could support several of the objectives of the Shire of Northampton's Community Strategic Plan 2016-2026, including the following:

- Increase support for tourism across the shire and enable tourism to become a major and sustainable industry for the shire
- Develop a strategy to maximise the aesthetics and streetscapes of major streets within the Shire
- Identify areas requiring streetscaping within communities

It is considered that this proposal would also complement the Kalbarri Development Association and Shire's vision for the Murchison River estuary foreshore, and be a timely project to enhance the streetscapes of Kalbarri in light of the impending Kalbarri Skywalk. Art designs would be relevant and sympathetic to the area in which they were to be located, and final art concept designs would be submitted to Council for consideration prior to any art installations and painting occurring.

A budget request has also been submitted, should Council support this proposal in-principle, for 20% of the estimated costs of this project. The shortfall of funding would be sought through other grant and funding avenues.

I thank Council for your consideration of my proposal to enhance and beautify Kalbarri, and ask that Council consider providing in-principle support for the proposal and list the project and budget request for further consideration in their 2017/18 draft budget.

I am happy to provide additional information in relation to this project should any Councillors wish to discuss the proposal further with me, and they can contact me on 0437 827 770. Councillors can also view my recent artwork on my Instagram account - @cynfletcherart or Facebook - Cyn Fletcher Art.

Yours faithfully,

apathia Flether

Cynthia Fletcher



APPENDICES 2 – Proposed locations for "Beautifying Kalbarri" artworks

The following locations are proposed as suitable or potential sites for art installations/paintings. A selection of these sites may be preferable to Council.

- 1. The wall opposite Salt Boutique (Lot 1 (No. 46) Grey Street, private landowner)
- 2. Chinaman's Beach toilets (Reserve 25307, vested Shire of Northampton)
- 3. Corrugated fence adjacent to Kalbarri Motor Hotel, Porter Street (Lot 188 Jeffrey Browne Way, private landowner)
- 4. Sally's Tree toilets (Reserve 25307, vested Shire of Northampton)
- 5. Red Bluff toilets (Reserve 34550, vested Shire of Northampton)
- 6. Red Bluff Look Out, sections of footpath (Reserve 34550, vested Shire of Northampton)
- 7. Toilets near the bottom jetties (Reserve 52436, vested Shire of Northampton)
- 8. Wall on side of Kalbarri Supermarket, out the front of Shawny's Country Kitchen (subject to gaining support from private landowner, Lot 1 (No. 10) Porter Street)



APPENDICES 3 – Letters of support



To Whom It May Concern

I am writing in support of Cynthia Fletcher's application for a grant from Shire of Northampton for funding for a mural project in Kalbarri.

This project would provide a wonderful opportunity for our students to participate in beautification of the community. Subject to the timing of the project, Art students would be involved alongside community members to plan and create appropriate murals in the town site to use their developing artistic skills for a meaningful purpose. As well it would give students involved an opportunity to demonstrate their pride in their community.

I trust the application for the grant will be successful.

Yours sincerely

Carol Goodwin Principal April 4 2017



Page |1



3st April 2016

Cynthia Fletcher C/o Post Office Kalbarri WA 6536

Dear Cynthia,

On behalf of the Kalbarri Visitor Centre we would like to provide this letter to support for painted art murals on certain buildings around Kalbarri with the assistance of Local community groups.

Our community relies solely on tourism and interaction of visitors. Public art will provide photo opportunities for the public as well as create aesthetic beauty within the community. It will increase interaction with residents and improve the urban environment.

Cynthia, we wish you all the best with your application.

Warm Regards

Tracy Grosvenor Keros

Manager





Po Box 219 Kalbarri WA 6536 bookings@kalbarri.org.au www.kalbarri.org.au (08) 9937 1104



Boutique · Pool · Villas

To relevant parties,

It is my pleasure to recommend Cynthia Fletcher Artist for current art grants and future commissioned work around Kalbarri.

Her passion and talent for art is unprecedented in the Midwest and her mediums are perfectly suited for the Kalbarri townscape.

Cynthia delivers efficiently and creatively with any brief and her personal style is reflective of our beautiful local landscape.

I have worked with Cynthia over the past few years on both personal and business projects and have no hesitation in recommending a very talented and creative artist.

The location of Cynthia's art work and streetscape in Kalbarri Lane, 42 Grey St would create a vibrant and striking atmosphere for a high frequented area of tourists and locals alike.

It would be an outstanding asset to Kalbarri and Shire of Northampton to engage any works created by Cynthia Fletcher.

Yours truly,

Ella Curic Salt boutique/ Sols Place Villas Kalbarri 0403 381 809



Kalbarri Development Association Inc. PO Box 6, Kalbarri. 6536

3rd April 2017

TO WHOM IT MAY CONCERN:

This is to note that as a community group, the KALBARRI DEVELOPMENT ASSOCIATION INC gives its in principle support to Mrs Cynthia Fletcher with respect to her artistic statues and murals which she aims to develop in the near future with the consent of the Shire of Northampton.

We welcome the initiative she is taking to beautify our town and wish her all the best in her creative endeavours.

We feel that visual art can be a creative and positive part of our community.

Yours faithfully,

Eacom.

Felicity Graham Secretary, K.D.A.



To whom it may concern,

As a long term resident in the Kalbarri community and a mother of 3, we are always looking for ways in which the town can be improved , and involve the community members in the process .

The idea of splashing a little colour around the town (tactfully of course as it would be) and involving the children of our community, will give the town a little facelift whilst engaging the children in a project giving them the feeling of involvement.

Cynthia Fletcher is a very talented local artist and is passionate about her community. She has worked closely with some of the community children and has produced some amazing artwork within her workshops.

With Cynthia's guidance I believe this project would be truly successful and our beautiful town will benefit from it tremendously.

Yours sincerely Kylie Johnson 0428 861 689



SHIRE OF NORTHAMPTON ADMINISTRATION & CORPORATE REPORT – 21 APRIL 2017

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March 2017

To Whom It May Concern

I am happy to support the proposition forwarded by Ms Cynthia Fletcher with regards to acquiring a grant to assist with painting / installing murals around Kalbarri with the aim of general beautification of the area as a whole.

Cynthia has a rare skill with her artworks and it would be very pleasing to all in the community to see some of these decorating areas in our town.

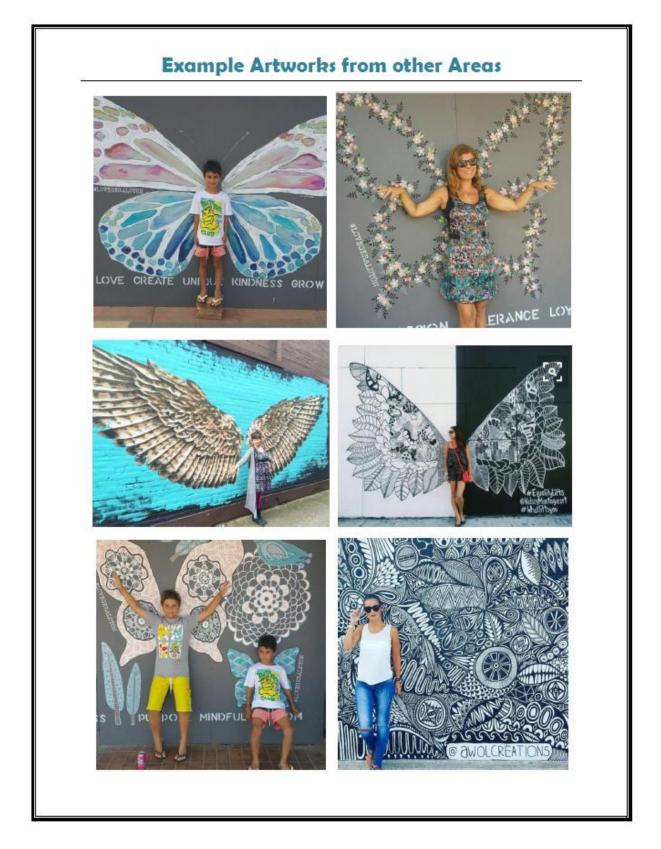
Yours Sincerely

Gudrun Pratt

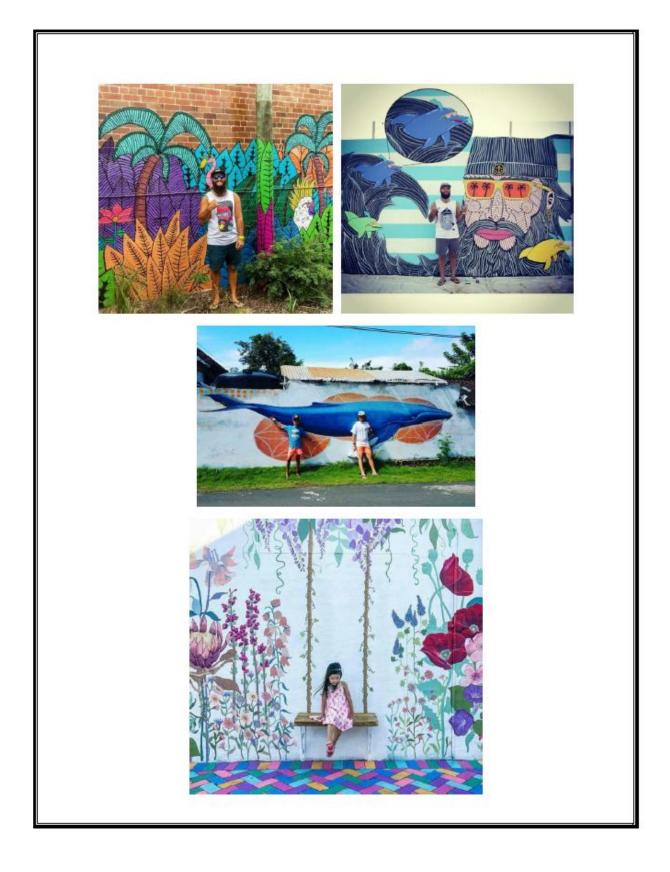
The Book Nook



APPENDICES 4 – Example Artwork at other Locations

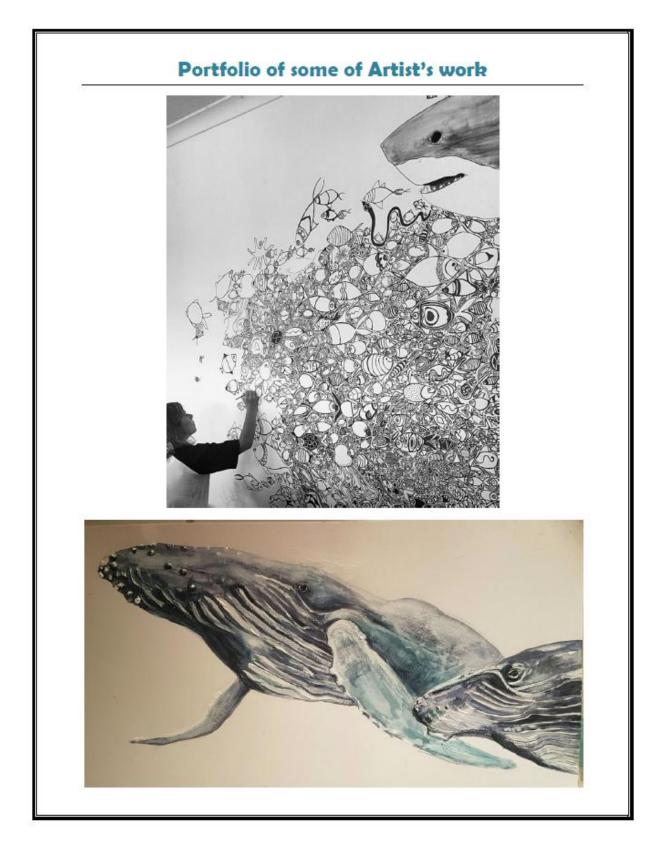




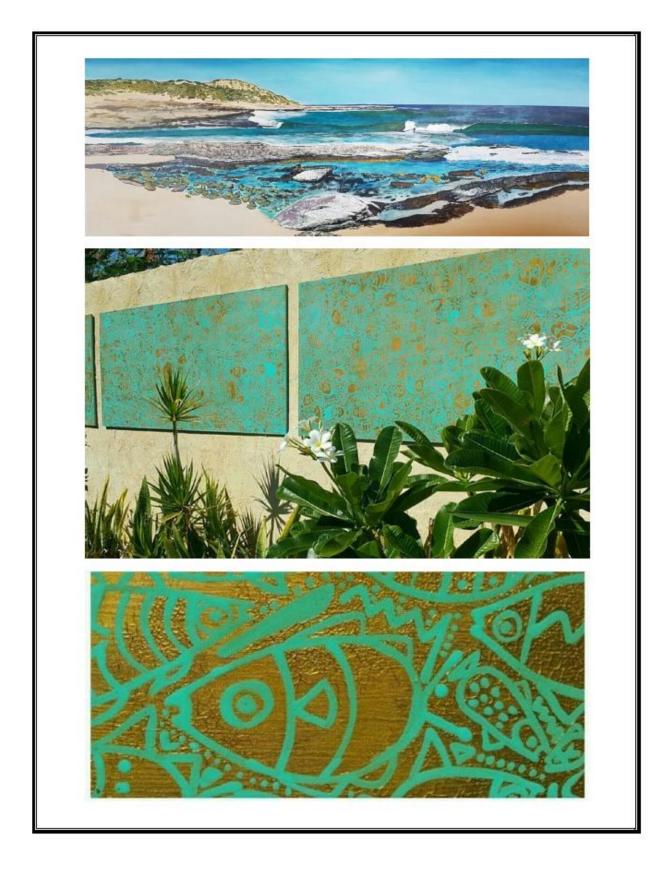




APPENDICES 5 – Portfolio of Artist's work











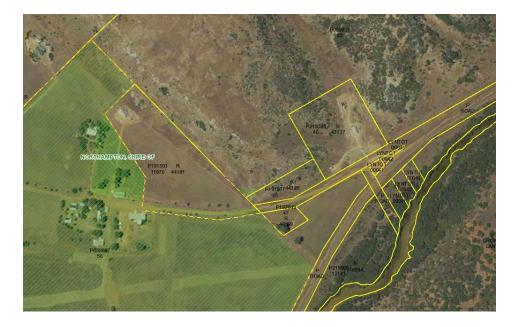


6.5.6	LYNTON HERITAGE SITE – STABILISATION WORKS	
	LOCATION:	Lynton, Pt Gregory to Kalbarri Road
	FILE REFERENCE:	11.3.4
	DATE OF REPORT:	4 April 2017
	REPORTING OFFICER:	Garry Keeffe
	APPENDICES:	1. Quote from Keboda Stone
		2. Quote from Roy Thompson
		3. Photos of walls

SUMMARY:

Advice on required stabilisation works to ruin walls at the Lynton Heritage Site.

LOCATION:



BACKGROUND:

On 13 February 2017 advice was received from our Heritage advisor, Tanya Henkel, that there were serious concerns on the stability of a number of walls at the heritage site, specifically the old prison walls.

Ms Henkel's initially received concerns from the Northampton Historical Society, and undertook an inspection of the site. It was evident (refer photographs at Appendices 3), that there are some areas of grave concern that require immediate attention to stabilise sections of the Old Jail Building in particular. This includes a large hole in the lower central wall, un-mortared stonework at threat of collapse to the western wall, undermined stonework to cell dividing



walls etc. In addition vegetation located in the courtyard should be sprayed and/or removed to prevent any damage to adjacent stonework.

As Council is well aware the Lynton Convict Hiring Depot is the jewel in the crown of Northampton's heritage assets and a tourism draw card which is enhanced by outstanding interpretation. However, the Old Jail, which is possibly the most significant of the remaining structures on the site, requires immediate attention so as to ensure it is stabilised with no loss of significant fabric, and indeed no harm to visitors who have unhindered access at present.

Ms Henkel recommend that Council staff obtain a quote from a Roy Thompson who has been staying at Lynton Station and has been undertaking some stone maintenance works to their building and to Sanford House. Mr Thompson has significant building experience and wide-reaching skills, along with a genuine passion for the site.

A quote was obtained from Mr Thomson, however it involves the need to have in permanent place scaffolding which is not visitor friendly, provides a climbing structure for persons, and overall did not really meet what is termed stabilisation methods to the site.

Therefore Ms Henkel was again contacted for advice and a further quote was obtained from Errol Tilbrook of Keboda Stone Constructions. Mr Tilbrook is very experienced in heritage building construction and stabilisation and recently undertook the works to the Old Roads Board Building in Northampton.

The quote and detail of what Mr Tilbrook proposes was forwarded to Ms Henkel for comment who has since endorsed his recommended works and the best options to ensure good stability of the walls.

COMMENT

The site is on a crown reserve 43137 that has a management order drawn in favour of the Council for "Historic Buildings & Farm".

The Council has a statutory responsibility to protect heritage sites of significance. However in this case the site contains building ruins and although the Council and the Northampton Heritage Association has undertaken many stabilisation projects over the years, we are always going to have ongoing issues due to the age and type of structures on the site.



In discussing the matter with our heritage adviser it was indicated that the Council has no funds available to undertake the works immediately and as there are no urgent repair or any grants available that as officers we can only put a request to the Council to finance the works in 2017/18 and if the walls do happen to collapse then there is little the Council can do.

The Council does have liability issues to ensure the site is secure and safe for visitors to enter.

FINANCIAL & BUDGET IMPLICATIONS:

The two quotes received, Thomson \$15,000 and Keboda Stone \$35,000 plus GST are very different. However as mentioned in the background section, Mr Thomson is using scaffolding as opposed to structural stabilisation.

The unfortunate issue is that as these are ruins and are not used by any community, similar to the old roads board building, funding through either the Heritage Council or Lotterywest is not available. Therefore the cost will be at the Councils expense.

The Council has no provision within the current budget, there are no other funds identified that can be used within the 2016/17 financial year to commence the works and therefore any proposed work swill need to be approved within the 2017/18 Budget.

An option the Council does have is to secure an allocation on the budget to allow works to commence in July 2017 prior to the adoption of the budget.

Bunting of the building has been installed warning and prevent persons from entering the site.

STATUTORY IMPLICATIONS:

State: Heritage of Western Australia Government Act 1990

Council has a legal obligation under the above Act to protect and retain places of heritage significance of which the Lynton site is.



STRATEGIC IMPLICATIONS:

Local: Shire of Northampton Community Strategic Plan 2016-2026

Strategy	increased recognition of Indigenous and European heritage
Key Actions	4.1.2 Identify and manage significant cultural heritage sites
Measures of Success	Establishment of facility to showcase heritage Number of cultural heritage sites and physical locations identified, secured and promoted.

VOTING REQUIREMENT:

Simple Majority Required:

OFFICER RECOMMENDATION – ITEM 6.5.6

That Council considers these works as a priority and therefore secures a provision of \$35,000 within the 2017/18 Budget to allow works to commence in June 2017



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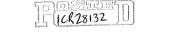
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SHIRE OF NORTHAMPTON ADMINISTRATION & CORPORATE REPORT – 21 APRIL 2017

GK_

11-3.4

APPENDICES 1 – Keboda Stone Quotes



KEBODA STONE CONSTRUCTION

STONEBRIDGE WA PTY LTD ABN: 25 519 926 280 PO BOX 81 DONGARA WA 6525 MOB: 0417968514 PH/FAX: (08)99272284 EMAIL: <u>keboda@bigpond.com</u> WEBSITE: Kebodastone.com

3/04/2017

Mr Garry Keefe Chief Executive Officer Shire of Northampton ceo@northampton.wa.gov.au

STONEMASONRY ASSESSMENT FOR STABILIZATION

LYNTON CONVICT STATION RUINS - PORT GREGORY

Program of works

For immediate attention is the central courtyard gable window, which has lost both lintels and supporting sides, thus leaving the gable unstable and dangerous to public. It needs rebuilding on both sides withnew lintels replaced.

In the internal passage wall, below the gable window, is a large hole, which if left unrepaired, could also lead to failure of the passage wall.

The south end of passage wall has a large supporting bottom section completely missing. Both these holes need re stoning for support to avoid collapse.

The remaining cell walls all need repacking with mortar on both sides, from ground level to approximately 700mm high, as they are also at risk of collapse.

The internal walls of the back room to the courtyard, are also severely eroded and in need of repointing.

There are various other walls around the site which need repacking and/or repointing.

Exposed ends to walls need sealing from the weather with mortar.

Errol Tilbrook Head Mason KEBODA STONE CONSTRUCTION



ì,

KEBODA STONE CONSTRUCTION

STONEBRIDGE WA PTY LTD ABN: 25 519 926 280 PO BOX 81 DONGARA WA 6525 MOB: 0417968514 PH/FAX: (08)99272284 EMAIL: <u>keboda@bigpond.com</u> WEBSITE: Kebodastone.com

ESTIMATE

3/04/2017

Mr Gary Keefe Chief Executive Officer Shire of Northampton ceo@northampton.wa.gov.au

LYNTON CONVICT STATION RUINS - PORT GREGORY

To supply labour, materials, scaffolding and accommodation to complete masonry works to Lynton Convict Station Ruins as per Assessment provided to you

Amount

\$35,000.00 plus GST



APPENDICES 2 – Quote from Roy Thomson

From: Sent: To: Cc:	Roy Thompson [trottersindependenttraders@live.com] Wednesday, 22 March 2017 9:43 PM Garry Keeffe macdonald23mary@yahoo.com.au; nor.historical@bigpond.com.au; gjpoet@bigpond.com	
Subject:	Estimate for work at Lynton Jail Heritage Site	
	Roy Thompson C/- PO Box 180	
	Northampton. WA 6535	
	Contact 0455 247 121	
Garry Keeffe Shire of Nor		

For the supply and construction of Tubular Galvanised Steel Frame Support At Lynton Gaol Site at Yallabatharra.

For supply of AS1074/BS1387 Galvanised Piping and related fittings To be constructed and erected at the above mentioned site.

Work to be carried out:-

Removal of heavy rocks and rubble, sufficient enough to allow for steel framework.

The framework will be required to support each dividing cell wall.

This estimate is to encase two (2) cell walls.

And, will support the outer jail wall along with the internal main wall. The support

will be projected out to ground level for secure fixing.

please see enclosed drawings.

The work to be carried out is to stabilise two (2) cell walls in alignment with the

Internal main wall and the exterior wall.

To secure ALL four (4) cell walls independently with Tubular Galvanised Steel Frame

Support connecting the internal and exterior walls to the ground would be Double

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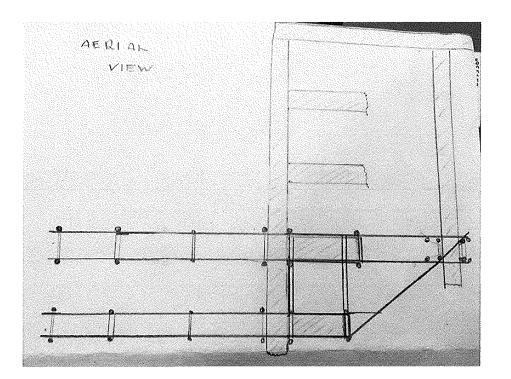
The amount in this quote.

THIS IS A SUPPORT FRAME ONLY....WITH NO LOAD BEARING

TOTAL for Supply of Steel Frame Support and all fittings And Labour. \$15,000.00

22nd

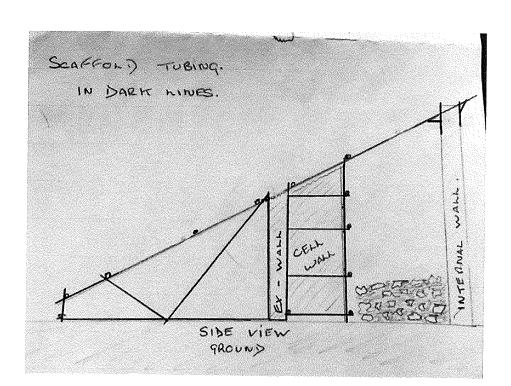
March 2017 Email: <u>trottersindependenttraders@live.com</u>



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Sent from my iPad

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APPENDICES 3 – photographs of walls









