



CONFIRMED MINUTES

OF THE

ORDINARY MEETING OF COUNCIL

21 NOVEMBER 2019

OUR VISION

"A thriving and friendly community that recognises our history and embraces cultural diversity and economic opportunity, whilst nurturing our natural and built environment."

OUR MISSION

"To deliver affordable and quality Local Government services."

CORE VALUES OF THE SHIRE

The core values that underpin the achievement of the mission will be based on a strong customer service focus and a positive attitude:

Communication

Integrity

Respect

Innovation

Transparency

Courtesy

DISCLAIMER

The purpose of Council Meetings is to discuss, and where possible, make resolutions about items appearing on the agenda. Whilst Council has the power to resolve such items and may in fact, appear to have done so at the meeting, no person should rely on or act on the basis of such decision or on any advice or information provided by a Member or Officer, or on the content of any discussion occurring, during the course of the meeting.

Persons should be aware that the provisions in section 5.25 of the *Local Government Act 1995* establish procedures for revocation or rescission of a Council decision. No person should rely on the decisions made by Council until formal advice of the Council decision is received by that person. The Shire of Broome expressly disclaims liability for any loss or damage suffered by any person as a result of relying on or acting on the basis of any resolution of Council, or any advice or information provided by a Member or Officer, or the content of any discussion occurring, during the course of the Council meeting.

Should you require this document in an alternative format please contact us.

Councillor Attendance Register										
Councillor		Cr H Tracey	Cr D Male	Cr E Foy	Cr P Matsumoto	Cr C Mitchell	Cr B Rudeforth	Cr M Fairborn	Cr W Fryer	Cr C Marriott
2018	22 November		LOA	A		LOA		LOA		
2018	13 December		LOA	A				LOA		
2019	28 February			LOA				LOA	R	
2019	28 March				LOA				R	
2019	18 April						A		R	A
2019	30 May (held 4 June)			LOA					R	LOA
2019	27 June			LOA					R	
2019	25 July			A					R	
2019	29 August				LOA				R	
2019	26 September							A	R	
2019	17 October			A				LOA	R	R
Post 2019 Local Government Elections										
Councillor		Cr H Tracey	Cr D Male	Cr E Foy	Cr P Matsumoto	Cr C Mitchell	Cr B Rudeforth	Cr P Taylor	Cr N Wevers	Cr F West
2019	21 November				LOA			LOA		

- **LOA (Leave of Absence)**
- **A (Apologies)**
- **NA (Non Attendance)**
- **R (Resignation)**

2.25. Disqualification for failure to attend meetings

- (1) A council may, by resolution, grant leave of absence, to a member.
- (2) Leave is not to be granted to a member in respect of more than 6 consecutive ordinary meetings of the council without the approval of the Minister, unless all of the meetings are within a period of 3 months.
- (3A) Leave is not to be granted in respect of —
 - (a) a meeting that has concluded; or
 - (b) the part of a meeting before the granting of leave.
- (3) The granting of the leave, or refusal to grant the leave and reasons for that refusal, is to be recorded in the minutes of the meeting.
- (4) A member who is absent, without obtaining leave of the council, throughout 3 consecutive ordinary meetings of the council is disqualified from continuing his or her membership of the council, unless all of the meetings are within a 2 month period.
- (5A) If a council holds 3 or more ordinary meetings within a 2 month period, and a member is absent without leave throughout each of those meetings, the

member is disqualified if he or she is absent without leave throughout the ordinary meeting of the council immediately following the end of that period.

- (5) *The non-attendance of a member at the time and place appointed for an ordinary meeting of the council does not constitute absence from an ordinary meeting of the council —*
- (a) *if no meeting of the council at which a quorum is present is actually held on that day; or*
 - (b) *if the non-attendance occurs —*
 - (i) *while the member has ceased to act as a member after written notice has been given to the member under section 2.27(3) and before written notice has been given to the member under section 2.27(5); or*
 - (ii) *while proceedings in connection with the disqualification of the member have been commenced and are pending; or*
 - (iiia) *while the member is suspended under section 5.117(1)(a)(iv); or*
 - (iii) *while the election of the member is disputed and proceedings relating to the disputed election have been commenced and are pending.*
- (6) *A member who before the commencement of the Local Government Amendment Act 2009 section 5¹ was granted leave during an ordinary meeting of the council from which the member was absent is to be taken to have first obtained leave for the remainder of that meeting.*
- [Section 2.25 amended by No. 49 of 2004 s. 19(1); No. 17 of 2009 s. 5.]*

SHIRE OF BROOME
ORDINARY MEETING OF COUNCIL
THURSDAY 21 NOVEMBER 2019
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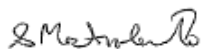
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NOTICE OF MEETING

Dear Council Member,

The next Ordinary Meeting of the Shire of Broome will be held on Thursday, 21 November 2019 in the Council Chambers, corner Weld and Haas Streets, Broome, commencing at 5:00pm.

Regards,



S MASTROLEMBO
Chief Executive Officer

15/11/2019

**MINUTES OF THE ORDINARY MEETING OF COUNCIL OF THE SHIRE OF BROOME,
HELD IN THE COUNCIL CHAMBERS, CORNER WELD AND HAAS STREETS, BROOME,
ON THURSDAY 21 NOVEMBER 2019, COMMENCING AT 5:00PM.**

1. OFFICIAL OPENING AND ATTENDANCE

The Chairman welcomed Councillors, Officers and members of the public and declared the meeting open at 5:02 PM

ATTENDANCE

Councillors:	Cr H Tracey Cr D Male Cr E Foy Cr C Mitchell Cr B Rudeforth Cr N Wevers Cr F West	Shire President Deputy Shire President
Apologies:	Cr P Taylor	(LOA submitted to be decided at Item 4)
Leave of Absence:	Cr P Matsumoto	
Officers:	Mr S Mastrolembro Mr J Watt Mr A Graffen Ms K Wood Mr D Kennedy Mr S Penn Mr A Santiago Mr C Zepnick Ms L Levi	Chief Executive Officer Director Corporate Services Director Infrastructure Manager of Planning Manager Governance, Strategy and Risk Media and Promotions Officer Manager Financial Services Manager Sport and Recreation Senior Administration & Governance Officer
Public Gallery:	Denis Ryan Melissa Puertollano Glenn Cordingley M Teoh L Teoh Debra Pigram Mary Djiagween E Rabbitt K Weatherall Johani Mamid Monica Edgar Ronald Wade Dean Mathews Andrew Chambers Sherena Bin Hitam David Puertollano Luke Cervi Pam Hope	Broome Future Alliance Resident Broome AD Yawuru Yawuru Individual Community Member Community Member/Yawuru Community Member/Yawuru Yawuru Yawuru Self NBY NBY Shire of Broome NBY

Erin Parke	ABC Kimberley
Jakeb Waddell	Broome Advertiser
Leah Berkrey	Shire of Broome
Maxine Nixon	
Richard Agar	Community Member
Brendan Renkin	Community Member
Kevin Smith	Community Member
Greg Nankin	Nyamba Buru Yawuru
Rachel McGarry	Nyamba Buru Yawuru
Damien Manado	Niman Buru/Yawuru
Wade Freeman	Community Member

2. DECLARATIONS OF FINANCIAL INTEREST / IMPARTIALITY

FINANCIAL INTEREST			
Councillor	Item No	Item	Nature of Interest
Cr H Tracey	9.2.1	Proposed Structure Plan – Lot 3082 Cable Beach Road East	<i>'A company of which I am a Director and major shareholder is in a joint venture company with the proponent'.</i>

IMPARTIALITY			
Councillor	Item No	Item	Nature of Interest
Cr B Rudeforth	9.2.1	Proposed Structure Plan – Lot 3082 Cable Beach Road East	<i>'Member of NBY Yawuru PBC.'</i>
Cr E Foy	9.2.1	Proposed Structure Plan – Lot 3082 Cable Beach Road East	<i>'TO Member of Yawuru Buru.'</i>
Cr F West	9.2.1	Proposed Structure Plan – Lot 3082 Cable Beach Road East	<i>'My father in law Kevin Puertollano is a Yawuru person and I believe he may be with NBY Yawuru PBC'.</i>

3. PUBLIC QUESTION TIME

The following questions were received from Michelle Teoh prior to the meeting.

Question one.

When will the Shire commence its Budget process for 2020-2021? Will the community have the opportunity to be a part of this process?

Response provided by Director Corporate Services:

Thanks for the question Michelle.

The Shire commences its budget process in late December with officers developing operating and capital budgets to meet the objectives identified in Council's Strategic Community Plan and Corporate Business Plan.

Council workshops will occur early in 2020 with Council subsequently advertising its proposed Fees and Charges and Rates Model. Submissions received will then be considered by Council prior to the budget documents being finalised and presented to Council for deliberation in June 2020.

While the community are not invited to contribute directly to the development of the annual budget, a significant amount of community consultation occurs during the development of Council's Strategic Community Plan and Corporate Business Plan.

The Strategic Community Plan outlines Council's 10-year strategic direction and provides Council with an understanding of the community's aspirations which are then translated into deliverable actions through the Corporate Business Plan. Officers utilise the Strategic Community Plan and Corporate Business Plan to guide in developing the annual budget each year.

Question two

What surety can the Council provide that the Broome Town water supply is safe and secure and will continue to provide water to the Broome community?

Response provided by Director Infrastructure Services:

These questions are best directed to the relevant State Government departments. In this instance Shire officers have invested time engaging with officers from the Water Corporation and the Department of Water and Environmental Regulation (DWER) to bring together the information in response to these questions.

Water supplied by the Water Corporation to the Broome town water supply is required to meet the Australian Drinking Water Quality (ADWQ) Health Guidelines.

The Broome Town Water Borefield Operational Strategy is based on the Broome Groundwater Management Plan. This plan defines water allocation limits, based on sustainable yields for the Broome Sandstone aquifer.

Water quality is constantly monitored with analysers at the treatment plant and in town. Weekly sampling is conducted that includes raw water at the borefield and treated water in town with the analysis undertaken by a 3rd party laboratory. Free chlorine levels are also checked twice weekly in the scheme reticulation.

The Broome borefield is secure as all entry points are gated. The water treatment plant and every production bore are also fenced. The Water Corporation undertakes catchment surveillance and have operators active in the borefield every day.

The Shire and its consultants have been careful to meet with the Department of Water and Environmental Regulation to assess a number of development proposals and Shire plans to ensure that the water supply is not compromised. This includes meetings over the last few years to discuss landfill operations, motorsport facilities and the Broome North WWTP. The town's water supply is being managed carefully to protect the available water in suitable quality and quantity.

The following questions were received from Melissa Puertollano prior to the meeting.**Question One**

There has been proposals by residents in Birragun Buru to fence off the back of Yilagarra Park and block off the laneways that lead into Warningarri Lane due to antisocial behavior in Yilagarra Park however to date, the Shire has rejected these suggestions made by residents, so what solutions does the Shire want to present back to residents?

Response provided by Director of Infrastructure Services:

The Shire acknowledges that the residents of this area, and indeed other areas of Broome, have voiced concerns regarding community safety and crime prevention. The Shire has been working proactively with key stakeholders to either directly address the concerns or advocate to the responsible agencies.

Following the Community Picnic at Yilagarra Park in April this year and subsequent meeting with representatives from the residents committee, the Shire has been pursuing a number of avenues to address the concerns raised by residents – including grants, infrastructure improvements and activation:

- Seeking grant funding for infrastructure improvements at Yilagarra Park to benefit community safety and crime prevention;
- Working with community and sporting groups to activate the park with positive programs and activities;
- Forwarding grant opportunities to the residents Committee; and
- Inclusion of key concerns from residents in the current review of the Shire's Community Safety Plan.

The Shire is also currently in the process of seeking a cross agency meeting prior to Christmas to discuss opportunities for further collaboration to address the issues in this area. The Shire does not believe that installing a fence will address the underlying anti-social issues being experienced and could be viewed as creating segregation and a gated community.

Question Two

There have been recent developments in several parks, the latest being off Dakas Street, Cable Beach. Our residents have requested for park re-development and increased lightening at night and possibly CCTV. Is this something the Shire can consider offering our residents to help address our concerns regarding safety and antisocial behaviour in Yilagarra Park?

Response provided by Director Infrastructure:

The Shire is currently completing an application for submission through the Safer Communities Grant Round 5. The Shire's application has focussed on the installation of CCTV and lighting infrastructure in areas identified in collaboration with WA Police and feedback received by the Shire. A Shire officer will make contact with you regarding the proposal for lighting and CCTV improvements to your area.

The Shire of Broome has previously been successful receiving over \$500,000 from the Safer Communities program – which has allowed it to complete lighting, CCTV and

infrastructure upgrades within the Townsite. Unfortunately the application submitted for the Safer Communities Grant Round 4 was unsuccessful this application included infrastructure upgrades at Yiligarra Park. Priority areas are defined utilising WA Police crime statistics data to validate and rank accordingly.

The following questions were received from Kylie Weatherall prior to the meeting.

In regards to the proposed development before the Shire, can the Shire provide some background information on why other sites would not be suitable for this development:

Question One

In the agenda for today's meeting it is stated that 'the structure plan is inconsistent with the local planning strategy'. Can the Shire explain why it would consider a development that does not comply with the local planning strategy?

Response provided by Manager of Planning:

The *Planning and Development (Local Planning Schemes) Regulations 2015* set out the process for assessment of Structure Plans. In accordance with the Regulations and the WAPC's Structure Plan Framework, the decision that is being made at this point is whether the information submitted is sufficient to perform assessment and to commence advertising. This is the first part of a two stage process as set out in the Framework. The acceptance of a Structure Plan for advertising does not indicate that it is supported by the local government or that the Structure Plan will be approved by the WAPC.

The assessment of the Structure Plan's merits are on the appropriate planning principles, which will include an assessment of the proposal against the Local Planning Strategy, does not occur at this stage. This will occur once the Structure Plan has been advertised and at this point the Shire will make a recommendation to the WAPC on whether the Structure Plan should be approved or otherwise. The WAPC will then make the determination.

Question Two

Can the Shire present a business case to the Broome Community on the need to clear more land when in other industrial areas we currently have high vacancy rates?

Response provided by Manager of Planning:

Following the advertising period, the Shire of Broome will perform an assessment of the structure plan, based on planning principles, which will include an assessment of the proposal against the current adopted local planning framework. The Shire in 2017 prepared a Local Commercial Strategy which provides guidance on commercial land uses, and gave consideration to the current commercial activities and the vacancy in the Shire. This document will be considered as part of the assessment of the planning principles.

The following questions were received from Brendan Renkin prior to the meeting.

Question One

In a recent article in the Broome advertiser the Shire President was quoted as saying “the Council is supportive of the floating jetty proposal”. Can the Shire explain on what basis the decision for the Council to support the floating jetty proposal was made?

Response provided by Shire President:

The Shire of Broome's Strategic Community Plan, which was developed with community input and has been endorsed by Council, has four overarching strategic objectives – Our People, Our Place, Our Prosperity and Our Organisation.

Our Prosperity Goal is to “Create the means to enable economic diversity, growth and lifestyle affordability for the current and future population.”

Under this goal we have a range of desired outcomes, including Outcome 3.3 which seeks “Key economic development strategies for the Shire which are aligned to regional outcomes working through recognised planning and development groups/committees.”

Strategy 3.3.4 states that Council and the Shire of Broome is to “Continue to promote and facilitate Broome as a supply base servicing the region's resource, agriculture, pastoral and other industries.”

Additionally, the Shire of Broome in partnership with key stakeholders has developed the Broome Growth Plan as a blueprint for our economic future.

Among its recommendations the Broome Growth Plan recognises the need for infrastructure including supply bases to activate Broome's traded economy in areas including Agriculture and Oil, Gas and Minerals.

On this basis Council has supported the Kimberley Marine Support Base proposal.

Question Two

Did the Council have access to a business case, environmental effects study, details about the possible consequent closure or restriction of the beach to the north of the existing jetty, or other relevant documents?

Response provided by Shire President:

Council has been kept fully informed on the proposal and has received regular presentations and updates from the proponents of the project, but has not been required to provide any approvals for the proposal.

Council is aware that the Kimberley Marine Support Base is still at the ‘proposal’ stage with a range of planning and approvals still to be developed.

4. APPLICATIONS FOR LEAVE OF ABSENCE

<p><u>COUNCIL RESOLUTION:</u></p>
--

<p>Moved: Cr C Mitchell</p>

<p>Seconded: Cr D Male</p>

<p><i>That Cr P Taylor is granted a leave of absence from Councillor duties inclusive of 21 November 2019 through to 5 December 2019, and 26 February 2020 through to 23 March</i></p>

2020.

CARRIED UNANIMOUSLY 7/0

5. CONFIRMATION OF MINUTES

COUNCIL RESOLUTION:

Moved: Cr B Rudeforth

Seconded: Cr C Mitchell

That the Minutes of the Ordinary Meeting of Council held on 17 October 2019, as published and circulated, be confirmed as a true and accurate record of that meeting.

CARRIED UNANIMOUSLY 7/0

COUNCIL RESOLUTION:

Moved: Cr D Male

Seconded: Cr C Mitchell

That the Minutes of the Special Meeting of Council held on 21 October 2019, as published and circulated, be confirmed as a true and accurate record of that meeting.

CARRIED UNANIMOUSLY 7/0

COUNCIL RESOLUTION:

Moved: Cr N Wevers

Seconded: Cr B Rudeforth

That the Minutes of the Special Meeting of Council held on 14 November 2019, as published and circulated, be confirmed as a true and accurate record of that meeting.

CARRIED UNANIMOUSLY 7/0

6. ANNOUNCEMENTS BY PRESIDENT WITHOUT DISCUSSION

Nil.

7. PETITIONS / DEPUTATIONS

Nil.

8. MATTERS FOR WHICH THE MEETING MAY BE CLOSED

The Chief Executive Officer advises that there are matters for discussion on the agenda for which the meeting may be closed, in accordance with section 5.23(2) of the *Local Government Act 1995*.

COUNCIL RESOLUTION:

Moved: Cr D Male

Seconded: Cr B Rudeforth

That the following Agenda items be considered under 14. Matters Behind Closed Doors, in accordance with section 5.23(2) of the Local Government Act 1995, as specified:

9.1.3 BROOME SURF LIFE SAVING CLUB - REQUEST FOR FINANCIAL ASSISTANCE

Item 9.1.3 and any attachments are confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)((e)(iii)) as it contains “a matter that if disclosed, would reveal information about the business, professional, commercial or financial affairs of a person, where the information is held by, or is about, a person other than the local government”.

9.2.3 REQUEST FOR FUNDING ASSISTANCE - BROOME VISITOR CENTRE

Item 9.2.3 and any attachments are confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)((e)(ii)) as it contains “a matter that if disclosed, would reveal information that has a commercial value to a person, where the information is held by, or is about, a person other than the local government”, and section 5.23(2)((e)(iii)) as it contains “a matter that if disclosed, would reveal information about the business, professional, commercial or financial affairs of a person, where the information is held by, or is about, a person other than the local government”.

9.4.3 CHANGE IN METHOD OF VALUATION FROM UNIMPROVED VALUE TO GROSS RENTAL VALUE DJARINDJIN COMMUNITY AIRPORT.

Item 9.4.2 and any attachments are confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)(b) as it contains “the personal affairs of any person”, and section 5.23(2)(d) as it contains “legal advice obtained, or which may be obtained, by the local government and which relates to a matter to be discussed at the meeting”.

CARRIED UNANIMOUSLY 7/0

9.

**REPORTS
OF
OFFICERS**

9.1

OUR PEOPLE



PRIORITY STATEMENT

Embracing our cultural diversity and the relationship between our unique heritage and people, we aim to work in partnership with the community to provide relevant, quality services and infrastructure that meet the needs and aspirations of our community and those visiting and doing business in our region.

Supporting and contributing to the well-being and safety of our community is paramount, as is our focus on community engagement and participation.

Council aims to build safe, strong and resilient communities with access to services, infrastructure and opportunities that will result in an increase in active civic participation, a reduction in anti-social behaviour and improved social cohesion.

9.1.1 LEASE DISPOSAL TO KIMBERLEY WILD EXPEDITIONS PTY LTD PORTION OF RESERVE 34305

LOCATION/ADDRESS:	Reserve 34305 Bagot Street Broome
APPLICANT:	Kimberley Wild Expeditions
FILE:	LSS033
AUTHOR:	Property and Leasing Senior Officer
CONTRIBUTOR/S:	Planning Officer Manager of Engineering
RESPONSIBLE OFFICER:	Director of Infrastructure
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	29 October 2019

SUMMARY: This report seeks Council's consideration to lease a portion of Reserve 34305 to Kimberley Wild Expeditions Pty Ltd for the purpose of car parking.

BACKGROUND

Previous Considerations

OCM 15 December 2010	Item 9.2.4
OCM 24 November 2016	Item 9.1.1
OCM 27 July 2017	Item 9.2.6

Reserve 34305 is vested in the Shire of Broome for the designated purpose of 'drainage and parking' with the power, subject to approval in writing from the Minister for Lands, to lease the whole or any portion thereof for any term not exceeding twenty-one (21) years.

Since 1995 an area of 1264m² being a portion of Reserve 34305 has been leased to the Last Resort 2004 Pty Ltd for the purpose of "Car parking for Backpacker Hostel".

At the Ordinary Council Meeting (OCM), held 24 November 2016, Council resolved to renew the lease to Last Resort 2004 Pty Ltd for a fixed period of five years with a five-year option at a base rent of \$18,077.46 Ex GST per annum.

In December 2016 Last Resort 2004 Pty Ltd withdrew their interest in pursuing a new lease whilst they put their business on the market for sale. Their existing lease was rolled over under a 'holding over period'.

In May 2017, Last Resort 2004 Pty Ltd sold its business/property to Kimberley Wild Expeditions Pty Ltd. As per the Shire's Local Planning Scheme No.6, Kimberley Wild Expeditions Pty Ltd is required to provide a minimum of 12 car parking bays to satisfy planning land use requirements.

At the OCM 27 July 2017, Council was asked to consider leasing a portion of Reserve 34305 to Kimberley Wild Expeditions Pty Ltd. The CEO was authorised to negotiate the final terms of the lease in line with the market valuation.

Officers have recently identified that the Lease documents had not been executed and upon review of these documents it was identified that the lease area necessary to satisfy

the planning land use requirement of 12 car parking bays is only 653m². This equates to a 48% reduction from the 1264m² area in the previous lease.

COMMENT

Kimberley Wild Expeditions has expressed their intent to lease a portion of Reserve 34305 for the purpose of car parking to meet their planning requirement.

As per the Shire of Broome Local Planning Scheme No.6, Backpackers require one (1) car parking bay per every six (6) beds. The existing operations of Kimberley Wild Expeditions accommodate 73 beds and as such require a minimum of 12 car parking bays to satisfy this provision.

The portion of Reserve 34305 proposed in this lease has been surveyed at 653m². **See Attachment 1.**

On the 15 October 2019 a valuation was carried out by Opteon Property Group. **See Attachment 2.** Market value has been assessed at \$16.08m² which has increased from the 2016 valuation of \$14.25m². Based on the market valuation and current surveyed site plan with a lettable area of 653m² annual rent is proposed at \$10,500 Ex GST.

The terms and conditions of the new lease are proposed as follows:

Lease Name	Kimberly Wild Expeditions Pty Ltd
Lease Start Date	01 January 2020
Term	Five Years with a Five-year option (Market Review at end of Fixed Term)
Size	653m ²
Base Rent	\$10,500 + GST* (Rent Increased Annually by CPI Perth All Groups December Quarter)
Site Works	Nil required
Outgoings	Maintain Carpark and surrounding area as per site plan to Council's satisfaction
Permitted Use	Car Parking
Lease Costs	Lessee to pay for all associated costs of entering into a new lease

* 653m² at \$16.08 m² (Opteon Property Group – Valuation October 2019)

CONSULTATION

Opteon Property Group
Kimberley Wild Expeditions Pty Ltd

STATUTORY ENVIRONMENT

Local Government Act 1995

3.58. Disposing of property

(1) In this section —

“dispose” includes to sell, lease, or otherwise dispose of, whether absolutely or not;

“property” includes the whole or any part of the interest of a local government in property, but does not include money.

- (2) Except as stated in this section, a local government can only dispose of property to —
- (a) the highest bidder at public auction; or
 - (b) the person who at public tender called by the local government makes what is, in the opinion of the local government, the most acceptable tender, whether or not it is the highest tender.
- (3) A local government can dispose of property other than under subsection (2) if, before agreeing to dispose of the property —
- (a) it gives local public notice of the proposed disposition —
 - (i) describing the property concerned;
 - (ii) giving details of the proposed disposition; and
 - (iii) inviting submissions to be made to the local government before a date to be specified in the notice, being a date not less than 2 weeks after the notice is first given;
 - and
 - (b) it considers any submissions made to it before the date specified in the notice and, if its decision is made by the council or a committee, the decision and the reasons for it are recorded in the minutes of the meeting at which the decision was made.
- (4) The details of a proposed disposition that are required by subsection (3)(a)(ii) include —
- (a) the names of all other parties concerned;
 - (b) the consideration to be received by the local government for the disposition; and
 - (c) the market value of the disposition as ascertained by a valuation carried out not more than 6 months before the proposed disposition.
- (5) This section does not apply to —
- (a) a disposition of land under section 29 or 29B of the Public Works Act 1902;
 - (b) a disposition of property in the course of carrying on a trading undertaking as defined in section 3.59;
 - (c) anything that the local government provides to a particular person, for a fee or otherwise, in the performance of a function that it has under any written law; or
 - (d) any other disposition that is excluded by regulations from the application of this section.

[Section 3.58 amended by No. 49 of 2004 s. 27.]

Land Administration Act 1997

18. Various transactions relating to Crown land to be approved by Minister

- (1) A person must not without authorisation under subsection (7) assign, sell, transfer or otherwise deal with interests in Crown land or create or grant an interest in Crown land.
- (2) A person must not without authorisation under subsection (7) —

- (a) grant a lease or licence under this Act, or a licence under the Local Government Act 1995, in respect of Crown land in a managed reserve; or
- (b) being the holder of such a lease or licence, grant a sublease or sublicense in respect of the whole or any part of that Crown land.
- (3) A person must not without authorisation under subsection (7) mortgage a lease of Crown land.
- (4) A lessee of Crown land must not without authorisation under subsection (7) sell, transfer or otherwise dispose of the lease in whole or in part.
- (5) The Minister may, before giving approval under this section, in writing require —
 - (a) an applicant for that approval to furnish the Minister with such information concerning the transaction for which that approval is sought as the Minister specifies in that requirement; and
 - (b) information furnished in compliance with a requirement under paragraph (a) to be verified by statutory declaration.
- (6) An act done in contravention of subsection (1), (2), (3) or (4) is void.
- (7) A person or lessee may make a transaction under subsection (1), (2), (3) or (4) —
 - (a) with the prior approval in writing of the Minister; or
 - (b) if the transaction is made in circumstances, and in accordance with any condition, prescribed for the purposes of this paragraph.
- (8) This section does not apply to a transaction relating to an interest in Crown land if —
 - (a) that land is set aside under, dedicated or vested for the purposes of an Act other than this Act, and the transaction is authorised under that Act;
 - (b) that interest may be created, granted, transferred or otherwise dealt with under an Act other than —
 - (i) this Act; or
 - (ii) a prescribed Act;
 - (c) an agreement, ratified or approved by another Act, has the effect that consent to the transaction was not required under section 143 of the repealed Act; or
 - (d) the transaction is a lease, sublease or licence and the approval of the Minister is not required under section 46(3b).

[Section 18 amended by No. 59 of 2000 s. 8(1)-(5) ⁵.]

POLICY IMPLICATIONS

Nil

FINANCIAL IMPLICATIONS

The 2019/2020 budgeted annual income for a portion of Reserve 34305 is \$12,500 Ex GST.

The forecast annual income based on the terms of the new lease is \$10,500 Ex GST. As the Lease is proposed to commence 1 January 2020 the forecast budget for 2019/20 will be \$5,250 Ex GST. A Budget amendment will be required to reflect the proposed terms of this

lease. It is recommended that Account 101474920 be amended to reflect an Annual Income of \$5,250 Ex GST for the 19/20 financial year.

Description	Income Ex GST	
Budgeted Gross Annual income 2019/2020	\$12,500.00	Acc 101474920
Forecast Gross Annual income 2019/2020	\$5,250.00*	Acc 101474920

* Rent based on \$653m² at \$16.08 m². Lease commencement 1 Jan 2020.

RISK

Should the new lease not be supported by Council, Kimberley Wild Expeditions Ltd would not be able to meet their planning requirements and impact their ability to trade as an accommodation provider in a high demand sector of the market. Council would also forego and rental income of \$10,500 Ex GST per Annum.

This transaction is considered low risk as the land has been purposed for car parking and has been used in this capacity for over 20 years, the rent is in line with market valuation and the tenant is a long-standing local business.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Affordable services and initiatives to satisfy community need

Accessible and safe community spaces

Our Place Goal – Help to protect the nature and built environment and cultural heritage of Broome whilst recognising the unique sense of the place:

Realistic and sustainable land use strategies for the Shire within state and national frameworks and in consultation with the community

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population:

Affordable land for residential, industrial, commercial and community use

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

Responsible resource allocation

VOTING REQUIREMENTS

Absolute Majority

COUNCIL RESOLUTION:
(REPORT RECOMMENDATION)

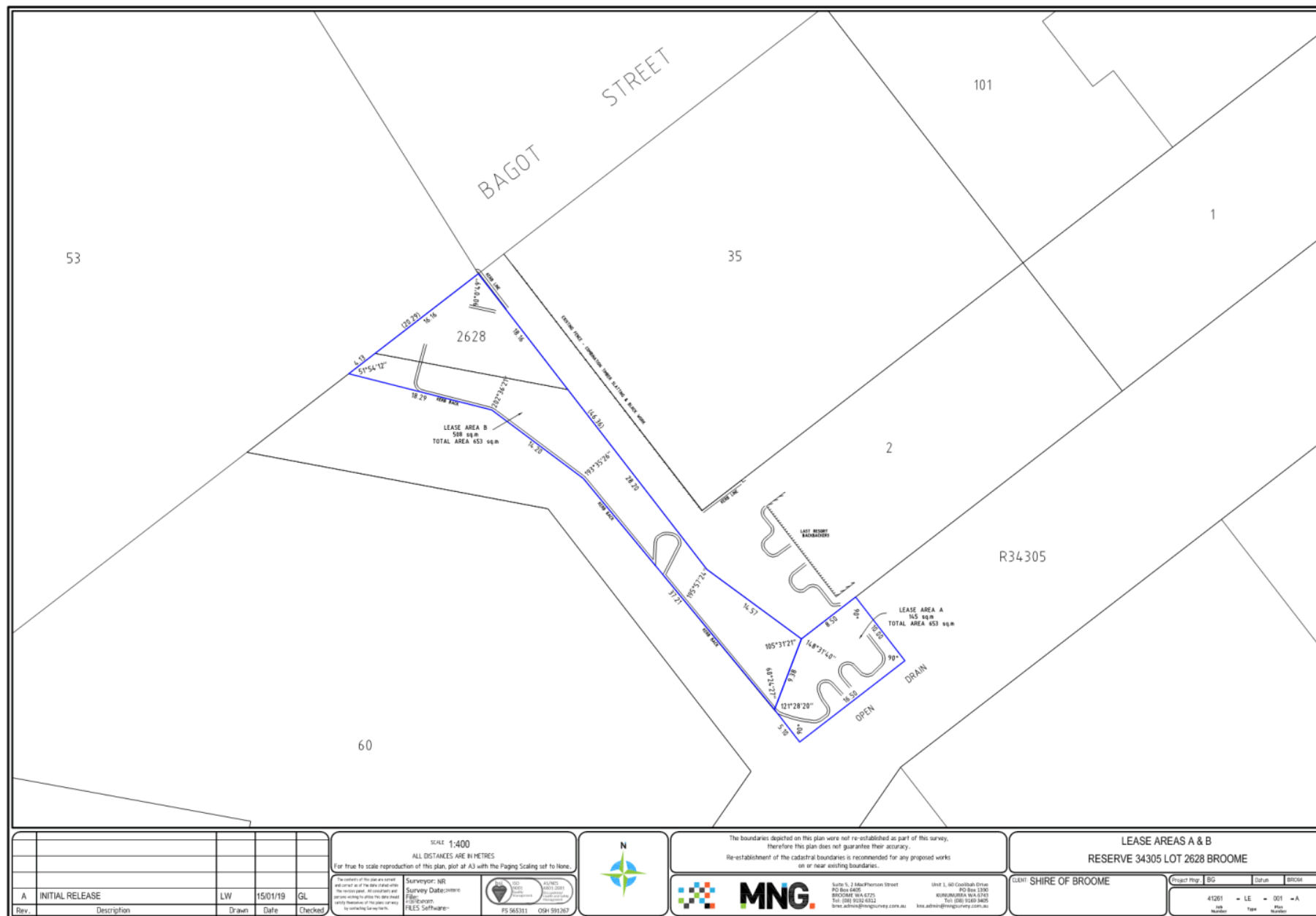
Moved: Cr C Mitchell**Seconded: Cr F West****That Council:**

- 1. Advertises the lease disposal of Reserve 34305 in accordance with section 3.58 (3) and (4) of the Local Government Act 1995.**
- 2. If no submissions are received authorises the Chief Executive Officer to seek Ministerial approval and negotiate the final terms and conditions of the lease in line with:**
 - 1) A new lease to be entered into for an Initial Term of 5 years commencing 1 January 2020 with one 5 year option;**
 - 2) Base rent to be set in line with the independent market valuation;**
 - 3) Rental increases to be set by annual CPI (Perth All Groups December Quarter);**
 - 4) A market review at the end of the fixed term;**
 - 5) The Lessee to be responsible for all associated costs in preparing the lease.**
- 3. Authorises the Chief Executive Officer to engross the final lease documentation.**
- 4. Authorise a Budget amendment to Income Account 101474920 to reflect the annual rental income.**

CARRIED BY ABSOLUTE MAJORITY 7/0**Attachments**

1. Reserve 34305 Leased Area Survey
2. Market Valuation 2019 - Reserve 34305 (*Confidential to Councillors and Directors Only*)

This attachment is confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)(c) as it contains "a contract entered into, or which may be entered into, by the local government and which relates to a matter to be discussed at the meeting".



9.1.2 LEASE DISPOSAL BROOME ENTERPRISE CENTRE - FOUNDATIONS CARE LTD

LOCATION/ADDRESS:	Portion Reserve 42502
APPLICANT:	Foundations Care Ltd
FILE:	LSS043
AUTHOR:	Property and Leasing Senior Officer
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director of Infrastructure
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	29 October 2019

SUMMARY: Foundations Care Ltd have been tenants in the Broome Enterprise Centre since February 2016. The initial Lease was for 12 months with two one-year options. All options have now been exercised and Foundation Care Ltd have been in holding over since February 2019. Council is requested to consider a submission to enter into a new Lease until 30 June 2021, under the same terms.

BACKGROUNDPrevious Considerations

OMC 22 May 2014	Item 9.3.1
OMC 19 January 2016	Item 6.1.2

A Portion of reserve 42502 comprises of one single story detached office building with a net lettable area of 73m² (**refer attachment 1**). The property is located within the Lotteries House site, which is primarily tenanted by non-for-profit and government organisations. Foundations Care Ltd have leased the property since February 2016 and after exercising options for a further two terms, are now in holding over.

COUNCIL RESOLUTION:
(REPORT RECOMMENDATION)**Moved: Cr C Mitchell****Seconded: Cr P Matsumoto*****That Council:***

- 1) Lease a portion of Reserve 42502 to Foundations Care Ltd in accordance with the Local Government Regulations 1996 Section 30 (2)(b)**
- 2) Seeks Ministerial approval from the Minister of Lands for the Lease in accordance with Section 18 of the Land Administration Act 1997**
- 3) Annual Rent \$18,796.50 + GST (Rent Free Period 1st February – 22nd of February 2016 for fit out purposes). Apply CPI rental increases at the commencement of each option period (Perth All Groups, December quarter)**
- 4) Lease Term as follows:**
 - a) Initial Term 12 months from 1st February 2016 – 31st of January 2017;**
 - b) Option 1 - Further Term of 12 months 1st February 2017 – 31st of January 2018;**
and

c) Option 2 - Further Term of 12 months 1st February 2018 – 31st of January 2019.**5) Permitted Use is for Office Accommodation**

- 6) Lease to be prepared by Council's solicitor with The Tenant to be responsible for all associated legal costs, including preparation and registration of lease documentation**
- 7) The Landlord shall be provided with the expressed right to undertake preventative maintenance at the cost of the Tenant throughout the term. Current preventative maintenance shall include:**
- a) Pest Inspection;**
 - b) Emergency Service Equipment Inspection; and**
 - c) RCD and Electrical Inspection.**
- 8) Utilities service and consumption charges including telephone, electricity, gas and water, covered by tenant;**
- 9) Building Insurance to be effected by the Landlord at the cost of the Tenant, all other insurances to be effected by the Tenant, at the Tenants cost;**
- 10) Authorises the Chief Executive Officer and Shire President to engross the final lease documentation and the Deeds of Extension of Lease required throughout the term of the lease by virtue of the Tenant exercising its options in accordance with the lease for further terms provided for in this recommendation**

CARRIED UNANIMOUSLY 7/0**COMMENT**

On 1 October 2019 Foundations Care Ltd requested a new Lease to expire on 30 June 2021 with a one plus one-year option commencing from 1 January 2020 (**refer attachment 2**).

Foundations Care Ltd has been punctual in their monthly rental payments and continues to fit well with the other charitable / government organisations within the Lotteries House complex. Their services are focused around the following community needs:

1. Out of home service;
2. Child Foster Care;
3. Respite care; and
4. Family mediation.

Foundations Care Ltd is funded by the State Government with additional corporate support. They have existing operations in Queensland, New South Wales, Victoria and Western Australia.

On 31 October 2019 a valuation was carried out by Opteon Property Group in Broome. **(Refer attachment 3)** Market value has been assessed at \$265m². Based on the market valuation with a lettable area of 73 sqm annual rent is proposed at \$19,350.

It is recommended that a new lease be entered into with Foundations Care Ltd for the Broome Enterprise Centre located on Portion of reserve 42502. It is recommended that the initial term of the lease be 18 months with two one-year options, and the annual rent be in line with the market valuation. Final terms to be negotiated by the CEO.

CONSULTATION

Opteon Property Group
Foundations Care Ltd

STATUTORY ENVIRONMENT

Local Government (Functions and General) Regulations 1996.

30. Dispositions of property to which section 3.58 of Act does not apply

- (1) A disposition that is described in this regulation as an exempt disposition is excluded from the application of section 3.58 of the Act.
- (2) A disposition of land is an exempt disposition if —
 - (a) the land is disposed of to an owner of adjoining land (in this paragraph called **the transferee**) and —
 - (i) its market value is less than \$5 000; and
 - (ii) the local government does not consider that ownership of the land would be of significant benefit to anyone other than the transferee;
 - (b) the land is disposed of to a body, whether incorporated or not —
 - (i) the objects of which are of a charitable, benevolent, religious, cultural, educational, recreational, sporting or other like nature; and
 - (ii) the members of which are not entitled or permitted to receive any pecuniary profit from the body's transactions;
 - (c) the land is disposed of to —
 - (i) the Crown in right of the State or the Commonwealth;
 - (ii) a department, agency, or instrumentality of the Crown in right of the State or the Commonwealth; or
 - (iii) another local government or a regional local government;
 - (d) it is the leasing of land to an employee of the local government for use as the employee's residence;
 - (e) it is the leasing of land for a period of less than 2 years during all or any of which time the lease does not give the lessee the exclusive use of the land;
 - (f) it is the leasing of land to a "medical practitioner" (as defined in section 3 of the Medical Act 1894) to be used for carrying on his or her medical practice; or
 - (g) it is the leasing of residential property to a person.

- (2a) A disposition of property is an exempt disposition if the property is disposed of within 6 months after it has been —
- (a) put out to the highest bidder at public auction, in accordance with section 3.58(2)(a) of the Act, but either no bid is made or any bid made does not reach a reserve price fixed by the local government;
 - (b) the subject of a public tender process called by the local government, in accordance with section 3.58(2)(b) of the Act, but either no tender is received, or any tender received is unacceptable; or
 - (c) the subject of Statewide public notice under section 3.59(4), and if the business plan referred to in that notice described the property concerned and gave details of the proposed disposition including —
 - (i) the names of all other parties concerned;
 - (ii) the consideration to be received by the local government for the disposition; and
 - (iii) the market value of the disposition as ascertained by a valuation carried out not more than 12 months before the proposed disposition.
- (2b) Details (see section 3.58(4) of the Act) of a disposition of property under sub regulation (2a) must be made available for public inspection for at least 12 months from the initial auction or tender, as the case requires.
- (3) A disposition of property other than land is an exempt disposition if —
- (a) its market value is less than \$20 000; or
 - (b) it is disposed of as part of the consideration for other property that the local government is acquiring for a consideration the total value of which is not more, or worth more, than \$50 000.

[Regulation 30 amended in Gazette 25 Feb 2000 p. 974-5; 28 Apr 2000 p. 2041; 31 Mar 2005 p. 1055-6.]

POLICY IMPLICATIONS

Nil

FINANCIAL IMPLICATIONS

The 2019/20 the budgeted annual income for portion of reserve 42502 is \$20,796.00 Ex GST which includes Base rent of \$18,796* and \$2,000 of estimated annual outgoings.

The forecast annual income based on the terms of the new lease is \$21,350.00 Ex GST which includes Base rent of \$19,350* and \$2,000 of estimated annual outgoings. As the Lease is proposed to commence 1 January 2020 the budget impact in 2019/20 will be negligible.

Description	Income Ex GST	
Budgeted Gross Annual income 2019/2020	\$20,796.00 *	Acc 101474720
Forecast Gross Annual income 2019/2020	\$21,350.00*	Acc 101474720

* Rent based on \$73 sqm.

RISK

Should the new lease not be supported by Council there is a risk the tenants would seek alternate office accommodation and the Shire would forgo this rental income while the property remained untenanted.

Current estimated letting periods for this tenancy are up to 6 months and the cost of variable outgoings would be absorbed for this tenancy pro-rata until a new tenant is secured.

Risk can be mitigated by entering into a new lease with Far North Community Services for two years with a two-year option. Foundations Care Ltd is a well-established national organisation with operations in NSW, QLD, WA and VIC. They represent a very low risk as a tenant and contribute significantly to the local community.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Affordable services and initiatives to satisfy community needs

Accessible and safe community spaces

Our Place Goal – Help to protect the nature and built environment and cultural heritage of Broome whilst recognising the unique sense of the place:

Core asset management to optimise Shire's infrastructure whilst minimising life cycle costs.

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population:

Affordable land for residential, industrial, commercial and community use

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

Responsible resource allocation

VOTING REQUIREMENTS

Simple Majority

COUNCIL RESOLUTION: **(REPORT RECOMMENDATION)**

Moved: Cr D Male

Seconded: Cr F West

That Council:

- 1. In accordance with section 30(2)(b) of the Local Government (Functions and General) Regulations agrees to lease a portion of Reserve 42502 (Broome Enterprise**

Centre) to Foundations Care Ltd;

- 2. Authorises the Chief Executive Officer to seek Ministerial approval and negotiate the final terms and conditions of the lease in line with:**
 - a) A new lease to be entered into for an Initial Term 18 months from 1 January 2020 with two one-year options;**
 - b) Base rent to be set in line with the independent market valuation;**
 - c) Rental increases to be set by annual CPI (Perth All Groups December Quarter);**
 - d) The Lessee to be responsible for all associated costs in preparing the lease;**
 - e) The Lessee to be responsible for paying variable outgoings.**
- 3. Authorises the Chief Executive Officer to engross the final lease documentation.**

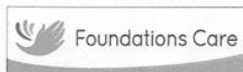
CARRIED UNANIMOUSLY 7/0

Attachments

1. Location Map
2. Request for New Lease - Foundations Care
3. Valuation - Foundations Care 2019 *(Confidential to Councillors and Directors Only)*

This attachment is confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)(c) as it contains "a contract entered into, or which may be entered into, by the local government and which relates to a matter to be discussed at the meeting".





Shire of Broome
Property and Leasing
PO Box 44
BROOME WA 6725

Dear Amelia,

Re: Lease of 20 Cable Beach East Road, Broome

Further to previous correspondence Foundations Care has been advised that our funding has been extended to June 30, 2021 and we are therefore seeking to extend our lease of the above property until this date, under the same terms as the existing lease, however noting there may be a CPI adjustment to the current rental amount.

Please note however for the new lease that the Head Office address for Foundations Care is now:

Unit 7/64 Siganto Drive, Helensvale, Qld 4212

And all rental invoices can be sent to fdcaccounts@fdc.csg.ngo for payment.

Please let me know if you require anything further.

Regards

A handwritten signature in black ink, appearing to read "Sue Osborne".

Sue Osborne
National Business Operations Leader
Foundations Care Ltd
1/10/2019

OUR PLACE



PRIORITY STATEMENT

The Shire of Broome has an abundance of unique natural features, coastal attractions, significant streetscapes, historic precincts and a mix of old and new urban developments.

Our aim is for all communities and settled areas, including the Broome Township, to be a place where the natural environment, on which life depends, is maintained, whilst at the same time the built environment contributes to the economy and a quality lifestyle for all.

Preserving the Shire's natural environment is a critical community outcome. Council will put into place strategies that nurture and improve the Shire's unique environment and biodiversity.

The Shire will work in partnership with the community and other agencies to ensure responsible and accountable management of both the natural and built environments is achieved in the short term and for future generations.

Pursuant to section 5.60A of the Local Government Act 1995 Cr H Tracey declared a Financial Interest in Item 9.2.1 Proposed Structure Plan Lot 3082 Cable Beach Road East Service Commercial Structure Plan, 'A company of which I am a Director and major shareholder is in a joint venture company with the proponent'.

Pursuant to Regulation 11 of the Local Government (Rules of Conduct) Regulations 2007 Cr B Rudeforth declared an Impartiality Interest in Item 9.2.1 Proposed Structure Plan Lot 3082 Cable Beach Road East Service Commercial Structure Plan, 'Member of NBY Yawuru PBC'.

Pursuant to Regulation 11 of the Local Government (Rules of Conduct) Regulations 2007 Cr E Foy declared an Impartiality Interest in Item 9.2.1 Proposed Structure Plan Lot 3082 Cable Beach Road East Service Commercial Structure Plan, 'TO Member of Yawuru Buru'.

Pursuant to Regulation 11 of the Local Government (Rules of Conduct) Regulations 2007 Cr F West declared an Impartiality Interest in Item 9.2.1 Proposed Structure Plan Lot 3082 Cable Beach Road East Service Commercial Structure Plan, 'My father in law Kevin Puertollano is a Yawuru person and I believe he may be with NBY Yawuru PBC'.

Cr H Tracey left the Chambers at 5:32pm.

Cr D Male assumed the Chair.

9.2.1 PROPOSED STRUCTURE PLAN - LOT 3082 CABLE BEACH ROAD EAST SERVICE COMMERCIAL STRUCTURE PLAN

LOCATION/ADDRESS:	Lot 3082 (102) Cable Beach Road East
APPLICANT:	Nyamba Buru Yawuru Ltd
FILE:	CAB-1/102
AUTHOR:	Coordinator Planning Services
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Manager Planning and Building Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	6 November 2019

SUMMARY: Lot 3082 Cable Beach Road East Service Commercial Structure Plan (**Structure Plan**) has been received from Urbanplan on behalf of Nyamba Buru Yawuru Ltd (**NBY**) to facilitate a proposed Homemakers Centre on part of Lot 3082 (102) Cable Beach Road East.

Under the *Planning and Development (Local Planning Schemes) Regulations 2015* upon receipt of a Structure Plan, the Shire must determine whether the information submitted:

1. Meets the requirements of clause 16 of the Regulations;
2. If further information from the applicant is required before the Structure Plan can be accepted for assessment and advertising; and
3. Must give the applicant an estimate of the fee for dealing with the application.

In accordance with delegation PLA9 Structure Plans, the application is being presented to Council to consider whether the material provided by the applicant can be accepted for assessment, as officers do not have delegation to perform this function in this case as the Structure Plan is inconsistent with the Local Planning Strategy.

The report recommends that the Structure Plan can be accepted for assessment and

advertising subject to further information being provided.

BACKGROUND

Previous Considerations

OMC 26 May 2016 Item 9.2.7

Background

At the Ordinary Meeting of Council on the 26 May 2016, Council considered a request for in-principle support for a proposed service commercial development at Lot 3082 Cable Beach Road. At this time advice was also sought on the 'approval pathway' for the development concept. At this meeting, Council made the following resolution:

COUNCIL RESOLUTION:

Moved: Cr W Fryer

Seconded: Cr B Rudeforth

That Council advise Nyamba Buru Yawuru Ltd that:

- 1. The Shire supports Nyamba Buru Yawuru Ltd's aspirations to develop land granted to the Yawuru Native Title Holders Aboriginal Corporation RNTBC under the ILUA and the development of land for service commercial purposes in Broome.***
- 2. In the event Nyamba Buru Yawuru Ltd wishes to proceed with the lodgement of a formal application, the Shire advises that a Structure Plan would need to be prepared and submitted in accordance with Clause 4.44.1 of Local Planning Scheme No 6 and Clause 15 (a) (ii) of the Planning and Development (Local Planning Schemes) Regulations 2015.***

FOR: 4

AGAINST: 2

MOTION CARRIED

Reason – to support the application rather than negate the application.

Cr C Mitchell and Cr D Male wished for their vote to be recorded against the Motion.

Cr R Johnston returned to the Chambers at 6.06pm and assumed the Chair. Cr Tracey advised of the resolution passed.

The Council resolution varied the Officer Recommendation. The difference between the Council Resolution and Officer Recommendation was the omission of advice that the subject site should not be supported for the development for service commercial purposes, for the following reasons:

- a) *The proposal is inconsistent with the planning framework, which has progressed since the adoption of the Local Commercial Strategy in 2007.*
- b) *The proposal is inconsistent with the objectives and guidelines for Precinct 9 and the recommendations for Future Development Area 3 contained within the Local Planning Strategy.*
- c) *The proposal is inconsistent with the objectives, strategies and actions for retail, commercial and activity centres contained within the Local Planning Strategy.*

- d) *The proposal would result in an over-allocation of land for service commercial purposes, which would lead to an ad-hoc and fragmented distribution of retail and commercial floor space.*
- e) *The site is not considered an appropriate or desirable location for the development of a service commercial precinct.*

Site and Surrounds

Lot 3082 adjoins Cable Beach Road East to the south, Gubinge Road to the west, Djiagween Road to the north, and the Djiagween Community and Broome International Airport to the east. The site has a total area of 33.04ha and is irregular in shape, as the lot wraps around the eastern extent of the airport runway (see the location plan in **Attachment No 1**).

The site is vacant and was granted to the Yawuru Native Title Holders Aboriginal Corporation RNTBC through the Indigenous Land Use Agreement (**ILUA**).

Proposal

The Structure Plan would apply to a part of Lot 3082, being that portion shown on page 5 and labelled *Structure Plan Map: Plan No.1* within the Structure Plan, as shown in **Attachment No 2**.

(Note: Appendices to the Structure Plan are contained in **Attachments 6-13**)

The Structure Plan is proposing that 5.4ha be developed for Service Commercial purposes, allowing for the site to be developed for service commercial land uses as set out in the zoning table in Local Planning Scheme No 6, which would allow for fast food outlets, car wash, showrooms, warehouses, vehicle tyre sales/repair and motor vehicle, boat or caravan sales and so on.

Part 2, Section 1.1.1 (Purpose) of the Structure Plan states:

The purpose of this Structure Plan is to de-constrain the identified parcel to a development ready position. The aim of this structure plan is to:

- *deliver NBY's vision for the identified parcel;*
- *achieve Local assessment and State Government approval; and*
- *facilitate a development application for the stage one Bunnings Homemaker Centre and subsequent stages of service commercial uses.*

COMMENT

The Structure Plan has been submitted primarily for the purpose of facilitating an intended Homemaker Centre / Service Commercial development on the site. Stage 1 of the Structure Plan will allow for the development of a Bunnings hardware store and the other stages will facilitate further service commercial land uses. A Structure Plan is required to be submitted as the subject site is zoned 'Development' under the provisions of Local Planning Scheme No 6 and a Structure Plan is required prior to the subdivision or issue of development approval.

Part 4 of the Deemed Provisions of the *Planning and Development (Local Planning Schemes) Regulations 2015 (the Regulations)* establish information to be included in a Structure Plan, action by the local government on receipt of the application and the assessment and adoption process for a Structure Plan. This is set out in the 'Legislation'

section below, however in essence the Structure Plans are to be prepared consistent with the form and manner approved by the WAPC. A Local Structure Plan is first submitted to the local government for review and acceptance and then advertised for public comment. The local government is then to consider any submissions received and provides a report to the WAPC where the WAPC will make a determination to either:

- approve the Structure Plan;
- require the Structure Plan to be modified and resubmitted; or
- refuse to approve the Structure Plan.

The WAPC has adopted the *Structure Plan Framework (the Framework)*, to outline the form and manner in which a Structure Plan is to be prepared. As established in the Framework, in reviewing a structure plan for acceptance, the local governments role is to determine whether the information submitted with the Structure Plan:

1. meets the requirements of clause 16 of the Regulations;
2. is sufficient for an assessment of the application to be made; and
3. is in a suitable form to be advertised.

The acceptance of a structure plan for advertising does not indicate that it is supported by the local government or that the structure plan will be approved by the WAPC

The Framework outlines that in determining if additional information to that submitted with the structure plan is needed, the local government is to consider whether:

- the additional information is required for a planning purpose relevant to the structure plan;
- is required by a State Planning Policy;
- the additional information is able to be provided in a timely manner; and
- it is fair and reasonable to request the additional information in the particular circumstances.

This item is therefore considering whether the material supplied in the Structure Plan is adequate. In reviewing the compliance of the proposed Structure Plan, it is important to note this is not an assessment of the merits of the content. The review focused purely on whether information has been provided and if the format requirements have been met. An assessment of the Structure Plan's merits and its conformity with the local planning framework is not being performed at this stage, this will occur once the Structure Plan has been advertised and as a part of the report that is submitted to the WAPC.

A table providing a summary of the assessment of the Structure Plan against the Regulations, the Framework, *Local Planning Policy 5.22 – Shire of Broome Structure Plan and Subdivision Standards (LPP 5.22)* and other planning documents is provided in **Attachment No 3**. Based on a review of the document against the above, it is recommended that the Shire advise that the Structure Plan can be accepted for assessment and advertising once further information is supplied. The details of the further information required is discussed under the headings below.

Structure Plan Map

The Framework provides an overview of the material to be supplied in the Structure Plan Map. It has been identified that there are some modifications that should be performed to the Structure Plan Map and the other figures in the Structure Plan, which include the following:

- a. Legend to be updated to show proposed zoning;

- b. Roads hierarchy as shown in LPS6 need to be shown;
- c. Footpath network shown on plan;
- d. Structure Plan Map should be a figure on its own page rather than an insert, so it can be scaled;
- e. Plan No 1 and Figure 1-3 to be updated to show a consistent structure plan boundary;
- f. Map to be updated to show that a Local Development Plan is to be prepared;
- g. Map to show internal road reservation widths; and
- h. Location of the service access shown to the west of the site needs to be reviewed. (This access point is shown on the exit lane of the roundabout and is unlikely to satisfy the required separation distance from an intersection and could compromise safety).

Local Development Plans

The type of development that is proposed under the Structure Plan would typically result in a number of showrooms and generally would have reciprocal access arrangements for vehicles to coordinate safe and organised vehicle movement across the site. The planning instrument to perform this function is a Local Development Plan.

In addition to coordinating access, in this case a Local Development Plan is also considered necessary to ensure that service areas are screened from view of the streets, the development fronts, the street and so on.

A Local Development Plan is not prepared at this stage in the planning processes. In accordance with the Framework, text should be included in Part 1 of the Structure Plan report which details that a Local Development Plan will be prepared prior to subdivision and/or development of the site. This is a minor text change only and will not take time to perform.

Local Water Management Strategy

The *Better Urban Water Management Guidelines* establish what is to be included in a Local Water Management Strategy (**LWMS**). While the applicant has outlined the approach and principles to stormwater management plan, a LWMS has not been supplied as a technical appendix. Particularly, the modelling required to quantify the land required for storage (detention) for urban water management was not supplied. As outlined in LPP 5.22, in Broome urban water management is a primary consideration due to the extreme wet season conditions and therefore it is critical that water management is addressed early in the Structure Plan/urban design process for any area. The urban water management network is generally the form giving element to new urban areas from which the rest of the layout and design elements should be applied. The Shire's LPP 5.22 is consistent with the *Structure Plan Framework*, *State Planning Policy 2.9 – Water Resources*, *Liveable Neighbourhoods* and *Better Urban Water Management Guidelines* which all support that a LWMS should be prepared at the Structure Plan stage. It is therefore recommended that the applicant be advised that a LWMS be prepared to support the Structure Plan.

Bushfire Management Plan

A Bushfire Management Plan (**BMP**) has been prepared to support the proposed Structure Plan. To satisfy *State Planning Policy 3.7 - Planning in Bushfire Prone Areas (SPP 3.7)* and the *Guidelines for Planning in Bushfire Prone Areas*, the BMP must demonstrate that a Bushfire Attack Level (**BAL**) of 29 or less can be achieved. The applicant has supplied a pre-development BAL contour plan which shows that portions of the Structure Plan area are

subject to BAL 40 and FZ. While a post development BAL contour plan has been supplied for Stage 1 of the Structure Plan area, the BMP has not demonstrated that a BAL of 29 can be achieved for the other stages. Further information is required to demonstrate that the SPP 3.7 can be achieved.

The BMP has provided an overview to demonstrate compliance with the bushfire protection in the criteria. The BMP details that removal of vegetation to provide a 20m separation from classified vegetation will occur. This is depicted on page 30 of the BMP. The removal of the vegetation however conflicts with the location of the drainage swales which page 29 of the Structure Plan outlines will need to be vegetated to meet with the Better Urban Water Management principles. Further information is required to demonstrate that suitable separation distances can be maintained.

Technical Clarifications/Management Responses

Some technical clarifications are requested in the Structure Plan report and the Traffic Impact Assessment. These are detailed in items 3, 4, 8 and 9 in the further information summary, included as **Attachment No 4**. These are minor in nature and include:

- Addressing 2.4.7 of the Local Planning Strategy in the Structure Plan text;
- Management responses in relation to the priority flora identified on site need to be provided in the Structure Plan report or technical appendices;
- Whether the site has any heritage;
- Update to the posted speed limits; and
- Corrections in the Structure Plan report.

Estimated fee for consideration of the Structure Plan

As set out in clause 17 of the Regulations, in providing a response to the Structure Plan, the local government must also provide an estimate of the fee for dealing with the application in accordance. The Shire of Broome's Schedule of Fees and Charges outlines the fee for Structure Plans and details that they are to be calculated in accordance with *Planning and Development Regulations 2009*. The Shire has provided an estimate of the fee which is set out in **Attachment No 5** and is estimated to be \$9,076.55.

Local Government's Assessment of the proposal based on appropriate planning principles

Assuming the applicant continue to proceed, there will come a time where an assessment on appropriate planning principles needs to occur. This will occur once the updated information is supplied and the advertising has been performed. Once advertising is completed, any submissions received will be presented to Council for consideration and an assessment of the merits of the proposal against the planning framework will be provided.

Officers previously advised of concerns and recommended advising that the Shire cannot support the proposal to develop a portion of Lot 3082 Cable Beach Road East for service commercial purposes, which is outlined in the background section above. These initial concerns remain valid albeit that an updated Local Commercial Strategy was completed in 2017. Although detailed assessment has not been undertaken, preliminary investigation suggests that the proposed structure plan is inconsistent with this Strategy.

Summary

Consistent with the advice provided by Council following the May 2016 Ordinary Council Meeting the applicant has submitted a Structure Plan for assessment and advertising as provided under the Shire of Broome Local Planning Scheme No 6 and the Regulations.

The Shire is required to consider whether the material supplied by the applicant is adequate to accept the Structure Plan for assessment and advertising.

As set out in the comments above, it is considered that the Shire will be in a position to accept the Structure Plan for assessment and advertising once the information provided in **Attachment No 4**, is supplied.

Once the information has been provided, the Structure Plan will be advertised. At the close of the advertising period, the submissions received and an assessment of the merits of the Structure Plan against the local planning framework and the appropriate planning principles will be provided to Council in the form of a report as required under the Regulations. Council will then consider the report, which will then be forwarded to the Western Australian Planning Commission which will make a determination on the Structure Plan.

CONSULTATION

No consultation has been undertaken at this point.

A Structure Plan is required to be advertised for public comment prior to it being forwarded to the WAPC for determination. The period of public display is specified as being a minimum of 14 days and a maximum of 28 days. The public consultation will be 28 days and will include the following as a minimum:

- Notice in the newspaper and the Shire's website;
- Display of material at the Shire Administration Centre;
- Letter to all landowners within 100m of the site;
- Letters to servicing authorities; and
- Letters to referral authorities including Department of Water and Environmental Regulation, Department of Fire and Emergency Service, Main Roads WA and Department of Biodiversity Conservation and Attractions.

STATUTORY ENVIRONMENT

Planning and Development (Local Planning Schemes) Regulations 2015 – Part 4

15. When structure plan may be prepared

A structure plan in respect of an area of land in the Scheme area may be prepared if —

(a) the area is —

- (i) all or part of a zone identified in this Scheme as an area suitable for urban or industrial development; and*
- (ii) identified in this Scheme as an area requiring a structure plan to be prepared before any future subdivision or development is undertaken;*

or

- (b) a State planning policy requires a structure plan to be prepared for the area; or*
- (c) the Commission considers that a structure plan for the area is required for the purposes of orderly and proper planning.*

16. Preparation of structure plan

(1) A structure plan must —

- (a) be prepared in a manner and form approved by the Commission; and*

- (b) include any maps, information or other material required by the Commission; and
- (c) unless the Commission otherwise agrees, set out the following information —
 - (i) the key attributes and constraints of the area covered by the plan including the natural environment, landform and the topography of the area;
 - (ii) the planning context for the area covered by the plan and the neighbourhood and region within which the area is located;
 - (iii) any major land uses, zoning or reserves proposed by the plan;
 - (iv) estimates of the future number of lots in the area covered by the plan and the extent to which the plan provides for dwellings, retail floor space or other land uses;
 - (v) the population impacts that are expected to result from the implementation of the plan;
 - (vi) the extent to which the plan provides for the coordination of key transport and other infrastructure;
 - (vii) the proposed staging of the subdivision or development covered by the plan.
- (2) The local government may prepare a structure plan in the circumstances set out in clause 15.
- (3) A person may make an application to the local government for a structure plan prepared by the person in the circumstances set out in clause 15 to be assessed and advertised if the person is —
 - (a) a person who is the owner of any or all of the land in the area to which the plan relates; or
 - (b) an agent of a person referred to in paragraph (a).

17. Action by local government on receipt of application

- (1) On receipt of an application for a structure plan to be assessed and advertised, the local government —
 - (a) must consider the material provided by the applicant and advise the applicant in writing —
 - (i) if the structure plan complies with clause 16(1); or
 - (ii) if further information from the applicant is required before the structure plan can be accepted for assessment and advertising;
 - and
 - (b) must give the applicant an estimate of the fee for dealing with the application in accordance with the Planning and Development Regulations 2009 regulation 48.
- (2) The structure plan is to be taken to have been accepted for assessment and advertising if the local government has not given written notice to the applicant of its decision by the latest of the following days —
 - (a) 28 days after receipt of an application;
 - (b) 14 days after receipt of the further information requested under subclause (1)(a)(ii);
 - (c) if the local government has given the applicant an estimate of the fee for dealing with the application — the day the applicant pays the fee.

18. Advertising structure plan

- (1) The local government must, within 28 days of preparing a structure plan or accepting an application for a structure plan to be assessed and advertised —
 - (a) advertise the proposed structure plan in accordance with subclause (2);
 - and

- (b) seek comments in relation to the proposed structure plan from any public authority or utility service provider that the local government considers appropriate; and
 - (c) provide to the Commission —
 - (i) a copy of the proposed structure plan and all accompanying material; and
 - (ii) details of the advertising and consultation arrangements for the plan.
- (2) The local government must advertise the structure plan in one or more of the following ways —
 - (a) by giving notice of the proposed structure plan to owners and occupiers who, in the opinion of the local government, are likely to be affected by the approval of the structure plan, including a statement that submissions may be made to the local government by a specified day being a day not less than 14 days and not more than 28 days, or a later day approved by the Commission, from the day on which the notice is given to the person;
 - (b) by publishing a notice of the proposed structure plan 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 and not more than 28 days, or a later day approved by the Commission, from the day on which the notice is published;
 - (c) by publishing a notice of the proposed structure plan on the local government website including a statement that submissions may be made to the local government by a specified day being a day not less than 14 days and not more than 28 days, or a later day approved by the Commission, from the day on which the notice is published;
 - (d) by erecting a sign or signs in a conspicuous place on the land the subject of the proposed structure plan giving notice of the proposed plan for a period of not less than 14 days and not more than 28 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 and not more than 28 days, or a later day approved by the Commission, from the day on which the sign is erected.
- (3) The local government —
 - (a) must make a structure plan advertised under subclause (2) and the material accompanying it available for public inspection during business hours at the offices of the local government; and
 - (b) may publish the structure plan and the material accompanying it on the website of the local government.
- (4) If a local government fails to advertise a structure plan in accordance with this clause, the Commission may take reasonable steps to ensure that the plan is advertised.
- (5) All costs incurred by the Commission in the exercise of the power conferred by subclause (4) may, with the approval of the Minister, be recovered from the local government as a debt due to the Commission.

19. Consideration of submissions

- (1) The local government —
 - (a) must consider all submissions made to the local government within the period specified in a notice advertising the structure plan; and
 - (b) may consider submissions made to the local government after that time; and

- (c) may request further information from a person who prepared the structure plan; and
 - (d) may advertise any modifications proposed to the structure plan to address issues raised in submissions.
- (2) If a local government makes a decision under subclause (1)(d) the local government must take any steps the local government considers appropriate to advertise the proposed modification to the structure plan.
- (3) Modifications to a structure plan may not be advertised on more than one occasion without the approval of the Commission.

20. Local government report to Commission

- (1) The local government must prepare a report on the proposed structure plan and provide it to the Commission no later than 60 days after the day that is the latest of —
 - (a) the last day for making submissions specified in a notice given or published under clause 18(2); or
 - (b) the last day for making submissions after a proposed modification of the structure plan is advertised under clause 19(2); or
 - (c) a day agreed by the Commission.
- (2) The report on the proposed structure plan must include the following —
 - (a) a list of the submissions considered by the local government, including, if relevant, any submissions received on a proposed modification to the structure plan advertised under clause 19(2);
 - (b) any comments by the local government in respect of those submissions;
 - (c) a schedule of any proposed modifications to address issues raised in the submissions;
 - (d) the local government's assessment of the proposal based on appropriate planning principles;
 - (e) a recommendation by the local government on whether the proposed structure plan should be approved by the Commission, including a recommendation on any proposed modifications.

21. Cost and expenses incurred by local government

The costs and expenses incurred by the local government in giving a report under clause 20(1), are, to the extent that they are not payable by a person who prepared a structure plan under the Planning and Development Regulations 2009 regulation 49, to be borne by the local government.

22. Decision of Commission

- (1) On receipt of a report on a proposed structure plan, the Commission must consider the plan and the report and may —
 - (a) approve the structure plan; or
 - (b) require the local government or the person who prepared the structure plan to —
 - (i) modify the plan in the manner specified by the Commission; and
 - (ii) resubmit the modified plan to the Commission for approval;or
- (c) refuse to approve the structure plan.
- (2) Before making a decision under subclause (1), the Commission may, if the Commission considers that major modifications have been made to the structure plan since it was advertised, direct the local government to readvertise the structure plan in the manner specified by the Commission.
- (3) The Commission may not direct the local government to readvertise the structure plan on more than one occasion.

- (4) *If the Commission is not given a report on a proposed structure plan in accordance with clause 20(1), the Commission may make a decision on the proposed structure plan under subclause (1) in the absence of the report.*
- (5) *The Commission is to be taken to have refused to approve a structure plan if the Commission has not made a decision under subclause (1) within —*
 - (a) *120 days of the day on which the local government provides the report to the Commission, excluding any period between the Commission requiring modifications to the structure plan and the resubmission of the modified plan; or*
 - (b) *a longer period agreed in writing between the Commission and the person who prepared the proposed structure plan.*
- (6) *Despite subclause (5), the Commission may decide whether or not to approve a structure plan after the period applicable under subclause (5) has expired, and the validity of the decision is not affected by the expiry.*
- (7) *The Commission must give the local government and any person who prepared the proposed structure plan written notice of its decision to approve or to refuse to approve a structure plan.*

29. Amendment of structure plan

- (1) *A structure plan may be amended by the Commission at the request of the local government or a person who owns land in the area covered by the plan.*
- (2) *The procedures for making a structure plan set out in this Part, with any necessary changes, are to be followed in relation to an amendment to a structure plan.*
- (3) *Despite subclause (2), the local government may decide not to advertise an amendment to a structure plan if, in the opinion of the local government and the Commission, the amendment is of a minor nature.*
- (4) *An amendment to a structure plan does not extend the period of approval of the plan unless, at the time the amendment is approved, the Commission agrees to extend the period.*

POLICY IMPLICATIONS

5.22 Shire of Broome Structure Plan and Subdivision Standards

FINANCIAL IMPLICATIONS

Nil

RISK

There is risk of reputational damage due to the multi-faceted role of Council. In this instance, Council has a regulatory role to play in the administration and assessment of the Structure Plan that is guided by legislation. Currently, the proposed Structure Plan is not in a format or contains all information to enable proceeding to advertising.

Unfortunately, Council's regulatory role can at times be in conflict with its advocacy function to support investment and economic development. In this instance, Council have advised NBY of its support to see them develop their land under the ILUA to support financial independence and provide opportunities for their people. However, this needs to occur in accordance with the relevant regulatory framework which often Council is responsible for administering.

STRATEGIC IMPLICATIONS

Our Place Goal – Help to protect the nature and built environment and cultural heritage of Broome:

Realistic and sustainable land use strategies for the Shire within state and national frameworks and in consultation with the community

A unique natural environment for the benefit and enjoyment of current and future generations

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population:

Affordable and equitable services and infrastructure

Affordable land for residential, industrial, commercial and community use

Key economic development strategies for the Shire which are aligned to regional outcomes working through recognised planning and development groups/committees

VOTING REQUIREMENTS

Simple Majority

COUNCIL RESOLUTION: (REPORT RECOMMENDATION)

Moved: Cr B Rudeforth

Seconded: Cr E Foy

That Council:

- 1. Advise Urbanplan and Nyamba Buru Yawuru Ltd that pursuant to clause 17(1)(a)(ii) of the Planning and Development (Local Planning Schemes) Regulations 2015 the Shire has considered the material supplied for the Lot 3082 Cable Beach Road East Service Commercial Structure Plan and further information as detailed in Attachment No 4 is required.***
- 2. Advise Urbanplan and Nyamba Buru Yawuru Ltd that Pursuant to clause 17(1)(b) of the Planning and Development (Local Planning Schemes) Regulations 2015, the estimate of fee for dealing with the application is \$9,076.55.***
- 3. Upon receipt of the further information and fee mentioned above, advertise the Structure Plan in accordance with clause 18 of the Planning and Development (Local Planning Schemes) Regulations 2015 for a minimum of 28 days.***

CARRIED 4/2

Cr H Tracey returned to the Chambers at 5:39pm. Cr D Male read aloud the resolution passed for the benefit of Cr H Tracey. Cr H Tracey resumed the Chair.

Attachments

1. Location Plan
2. Structure Plan
3. Assessment of the Structure Plan against planning document
4. Further information

5. Estimated Fee for assessment
6. Opportunities & Constraints
7. Geotechnical Investigations
8. Engineering Servicing Report (*Confidential to Councillors and Directors Only*)

This attachment is confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)((e)(ii)) as it contains “a matter that if disclosed, would reveal information that has a commercial value to a person, where the information is held by, or is about, a person other than the local government”.

9. Flora & Fauna Study
10. Knight Frank Report (*Confidential to Councillors and Directors Only*)

This attachment is confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)((e)(ii)) as it contains “a matter that if disclosed, would reveal information that has a commercial value to a person, where the information is held by, or is about, a person other than the local government”.

11. Transport Impact Assessment
12. Bushfire Management Report
13. Ground Survey & Airport Flight Paths

ATTACHMENT NO 1 – LOCATION PLAN





**LOT 3082 CABLE BEACH ROAD EAST
SERVICE COMMERCIAL STRUCTURE PLAN**

**To Facilitate
STAGE 1 HOMEMAKER CENTRE DEVELOPMENT**

October 2019



**LOT 3082 CABLE BEACH ROAD EAST
SERVICE COMMERCIAL STRUCTURE PLAN**

**To Facilitate
STAGE 1 HOMEMAKER CENTRE DEVELOPMENT**

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**LOT 3082 CABLE BEACH ROAD EAST
SERVICE COMMERCIAL STRUCTURE PLAN**

**To Facilitate
STAGE 1 HOMEMAKER CENTRE DEVELOPMENT**

October 2019

By urbanplan

On behalf of Nyamba Buru Yawuru

Approved by:

Signed / Date :

Position:

ENDORSEMENT PAGE

This Structure Plan is prepared under the provisions of the Shire of Broome Local Planning Scheme No. 6.

IT IS CERTIFIED THAT THIS STRUCTURE PLAN WAS APPROVED BY
RESOLUTION OF THE WESTERN AUSTRALIAN PLANNING COMMISSION ON:

Signed for and on behalf of the Western Australian Planning Commission:

.....

an officer of the Commission duly authorised by the Commission pursuant to
section 16 of the Planning and Development Act

2005 for that purpose, in the presence of:

..... Witness

..... Date

.....Date of Expiry

TABLE OF AMENDMENTS

AMENDMENT NO.	SUMMARY OF THE AMENDMENT	AMENDMENT TYPE	DATE APPROVED BY WAPC

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PART 1: IMPLEMENTATION

1 STRUCTURE PLAN AREA

This Structure Plan applies to the land as outlined on the Structure Plan Map (Plan No.1) below, being part of Lot 3082 (102) Cable Beach Road East, Broome.

2 OPERATION

The date the Structure Plan comes into effect is the date the Structure Plan is approved by the WAPC.

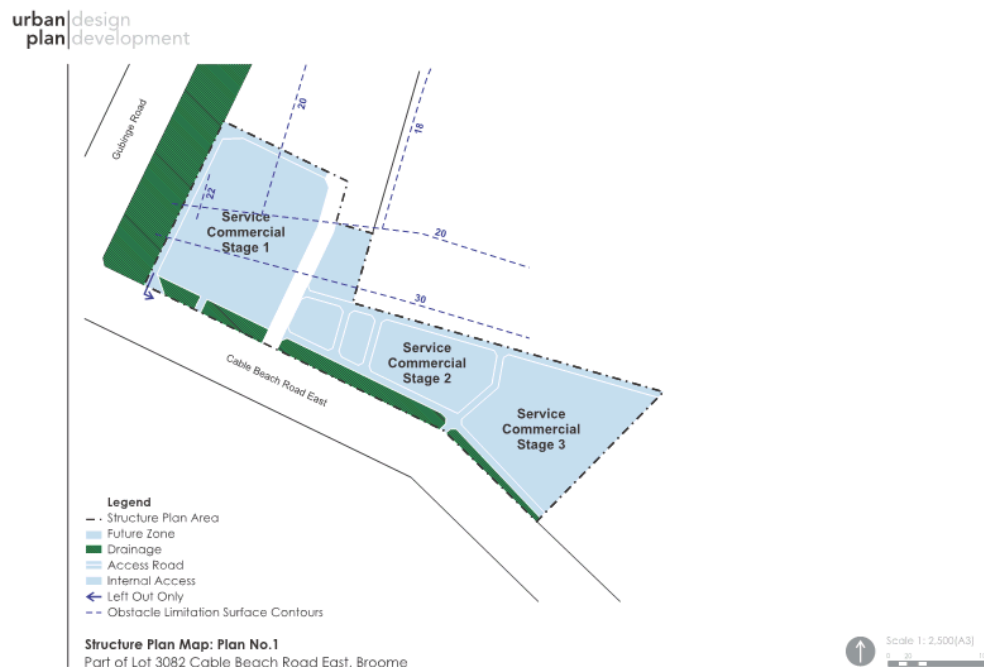
3 DEVELOPMENT REQUIREMENTS

3.1 LAND USE ZONES

The Structure Plan Map (Plan No. 1) outlines land uses applicable within the Structure Plan area for the Service Commercial Zone, as recommended for re-classification of the land subsequent to structure plan approval.

Prior to re-classification by the local government, it is proposed to lodge development applications in accordance with the Development Zone as permitted by Clause 3.44.1 (b)

Structure Plan Map: Plan No.1 part of Lot 3082 Cable Beach Road East



PART 2: EXPLANATORY REPORT

1 PROJECT OVERVIEW

1.1 INTRODUCTION

On behalf of Nyamba Buru Yawuru, **urbanplan** has prepared this structure plan to facilitate the proposed service commercial uses indicated on Plan 1 commencing with a proposed stage one Bunnings Homemaker Centre at part of Lot 3082 (102) Cable Beach Road East, Broome.

1.1.1 PURPOSE

The purpose of this Structure Plan is to de-constrain the identified parcel to a development ready position. The aim of this structure plan is to:

- deliver NBY's vision for the identified parcel;
- achieve Local assessment and State Government approval; and
- facilitate a development application for the stage one Bunnings Homemaker Centre and subsequent stages of service commercial uses.

This will enable the development of service commercial land uses to support Nyamba Buru Yawuru in its vision to deliver cultural and economic services for Yawuru and other Indigenous Australian people.

Achieving financial sustainability underpins Indigenous self-determination.

With the advancement of the commercial development of part of Lot 3082 Cable Beach Road East surplus rental income will be indirectly returned to the local Indigenous Australian community and will:

- a. Provide resources for further development of Indigenous culture.
- b. Provide further training and employment opportunity through the service commercial outlets.
- c. Reduce the dependence on future government funding and, over time, provide financial sustainability and independence; significant in these times of reduced Federal finance.

Accordingly, this proposal is a genuine, hallmark, innovative development approach toward self-determination. Given the circumstances, urbanplan strongly recommends the propose Structure Plan for part Lot 3082 Cable Beach Road East for advertising and consideration of the Western Australian Planning Commission.

1.2 BACKGROUND

The Planner's Agenda Report of May 2017 highly praised the Nyamba Buru Yawuru's pursuit of financial independence yet failed to deliver on a positive recommendation on the grounds of not meeting the strategic planning framework. The Planner's report was an objective attempt at analysing the situation and accordingly noted that a structure plan approach was an optional process open to

the Nyamba Buru Yawuru. Fortuitously, Nyamba Buru Yawuru chose to make a presentation to the Shire Councillors that resulted in an in-principle confirmation in writing that a structure plan process was the appropriate course of action.

While the strategic planning framework has not altered, a review of the presiding statute, Broome Local Planning Scheme No. 6 shows a structure plan provides for a comprehensive coordinated approach that allows for mixed use development pursuant to Development Zone.

The Future Development Area 3 was promulgated on the assumption that development of the land will precede the relocation of the airport. The airport is in private ownership with operational maintenance recently complete on the runway. The owners are progressively subdividing land for residential purposes north of the runway relative to acoustic contours. **urbanplan** holds that the impetus and commercial viability to relocate the international airport is not evident, if not non-existent. Contextually, flying into Broome over China Town and departing over Cable Beach is seen as one of the unique features of tourism in Broome. To withhold in-demand service commercial development on Lot 3082 on the assumption that the international airport is to be relocated is short sighted considering the service to be provided in this precinct will serve the community for many, many years prior to any slim possibility that the airport might be relocated.

To assume residential development will occur within Lot 3082 prior to the airport relocation is also misleading because of acoustic impact.

Therefore the approach **urbanplan** has taken is to comprehensively plan for service commercial provision on part of Lot 3082 to facilitate hardware and white goods comparison retail offering to the Broome community, as appropriately enabled by the Local Planning Scheme Development Zone and as sought by the Council Resolution, May 2017.

Given the context of the entire planning framework, due process commencing with advertising, is best followed to ensure proper consideration of the comprehensive structure planning of part of Lot 3082 for service commercial purpose, with stage one comprising Bunnings Homemaker Centre.

1.2.1 PROJECT AREA

Part of Lot 3082 (102) Cable Beach Road East, Broome is held in Freehold title by Nyamba Buru Yawuru (NBY) a not for profit company owned by the Yawuru native title holders through their corporate group structure. The site was granted to NBY pursuant to the Yawuru Indigenous Land Use Agreement ("Yawuru ILUA") in 2010.

The subject site has frontage to Cable Beach Road East, abuts the Broome Airport to the north east and the Broome TAFE to the east.

A copy of the Title Deed is at Appendix 1. The location of the subject site is shown at Figure 1 with a more detailed identification of the site shown at Figure 2. Figure 3 is a representation of an indicative conceptual layout and circulation for the proposed service commercial uses.

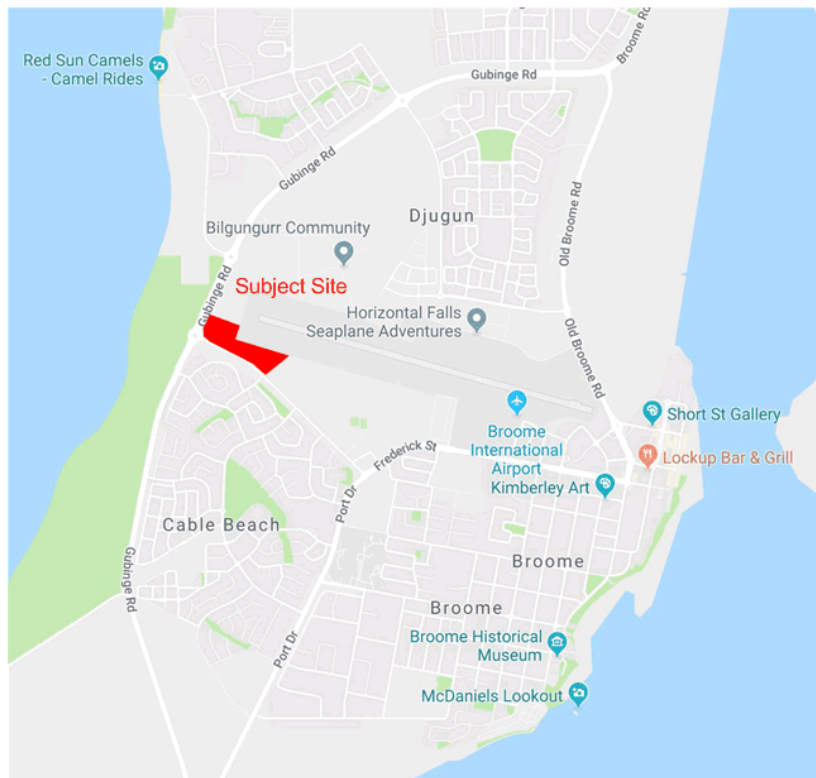


Figure 1: Lot 3082 Location

1.2.2 SITE DESCRIPTION

Lot Number:	part of Lot 3082
Street Address:	102 Cable Beach Road East, Djugun
Plan No:	P219733
Volume/Folio:	2758/291
Area:	Shares north eastern boundary with Broome International Airport, its southern boundary is on Cable Beach Road East.
Proposed uses:	Large format retail exemplified by hardware, white goods and electronic stores, showrooms and fast food outlets.

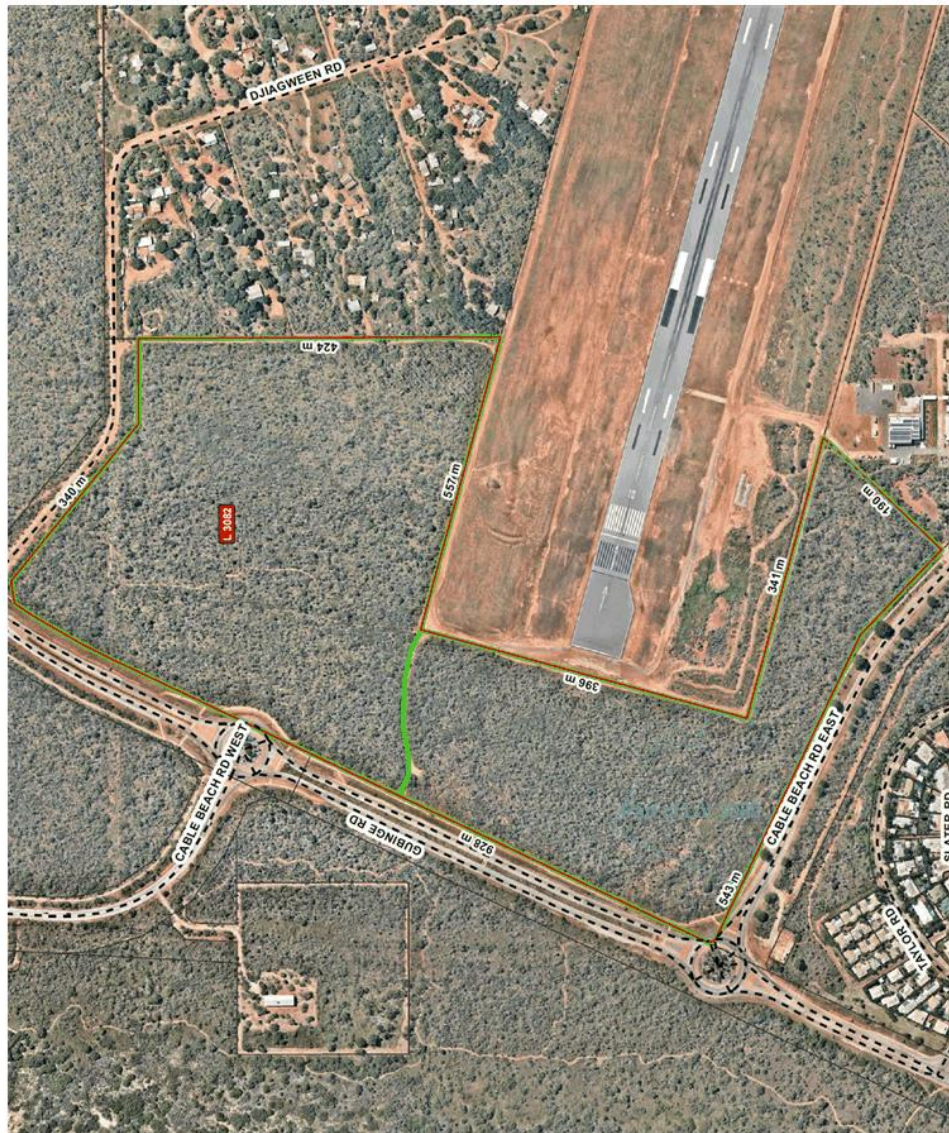


Figure 2: Aerial Photo showing the subject site, part of Lot 3082

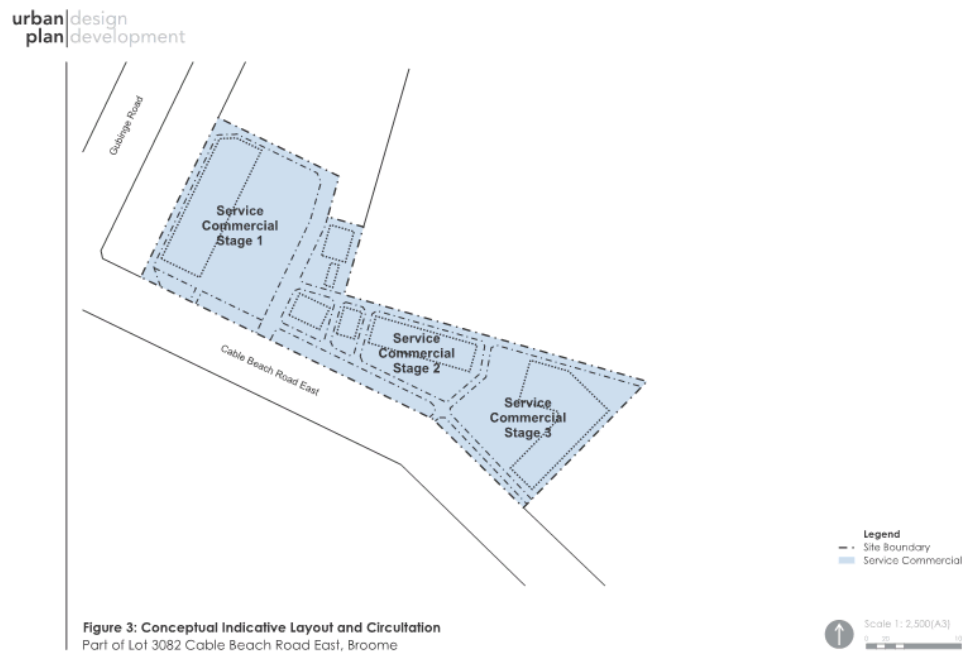


Figure 3: Part of Lot 3082 Conceptual Indicative Layout and Circulation

1.3 NBY ENTITY

Nyamba Buru Yawuru has the responsibility to generate income from Yawuru's capital assets; land, community, social and cultural capital. Nyamba Buru Yawuru is a key driver in the local economy, playing a leadership role in partnership with industry, local government and the State Government to transform the Broome and Kimberley economy to a vibrant region based on investments in beef production, tourism and agriculture. It is committed to a vision of an inclusive and sustainable economy, enabling Yawuru and other Indigenous people to be active and prosperous socio-economic participants in the region.

The NBY vision incorporates commercial success with the renaissance of Yawuru cultural values and practices, embodied in the philosophy of 'mabu liyan' (good spirit), a holistic understanding of positive wellbeing that incorporates personal, social and environmental aspects that contribute to a good life.

1.4 CONCEPT

The structure plan proposes to facilitate uses akin to large format retail warehousing, hardware, showrooms, fast food outlets, car wash, and tyre service centre. Nyamba Buru Yawuru aim to generate a long term recurring income stream from leases, with a potential Bunnings 10 year plus options lease currently being negotiated. In addition, the project has the potential to leverage employment

opportunities for the Yawuru people and celebrate Yawuru culture through artworks, landscaping, signage and street naming.

The conceptual layout consists of four notional sites ranging in size from 8,860m² to 1.686 hectares with access from Cable Beach Rd East. The current staging plan commences with Bunnings Homemaker Centre subsequently allowing for three stages of development over 15 years with a view to leasing sites to commercial tenants, however this will be governed by market demand.

1.4.1 **APPROACH TO DEVELOPMENT**

The Shire of Broome Local Planning Strategy shows the subject site as Future Development Area 3 potential uses as residential, tourism or student accommodation as part of an Educational / Health Precinct.

The approach **urbanplan** has taken on behalf of Nyamba Buru Yawuru acknowledges that residential development cannot happen in the vicinity of the runway due to acoustic levels until if and when the airport is relocated. Therefore this structure plan is promulgated on substantiating service commercial development for part of Lot 3082 and pursuant to the Development Zone and clause 3.44.1 with no residential development forming a part of it.

1.4.2 **STAGE ONE – SITE PLAN**

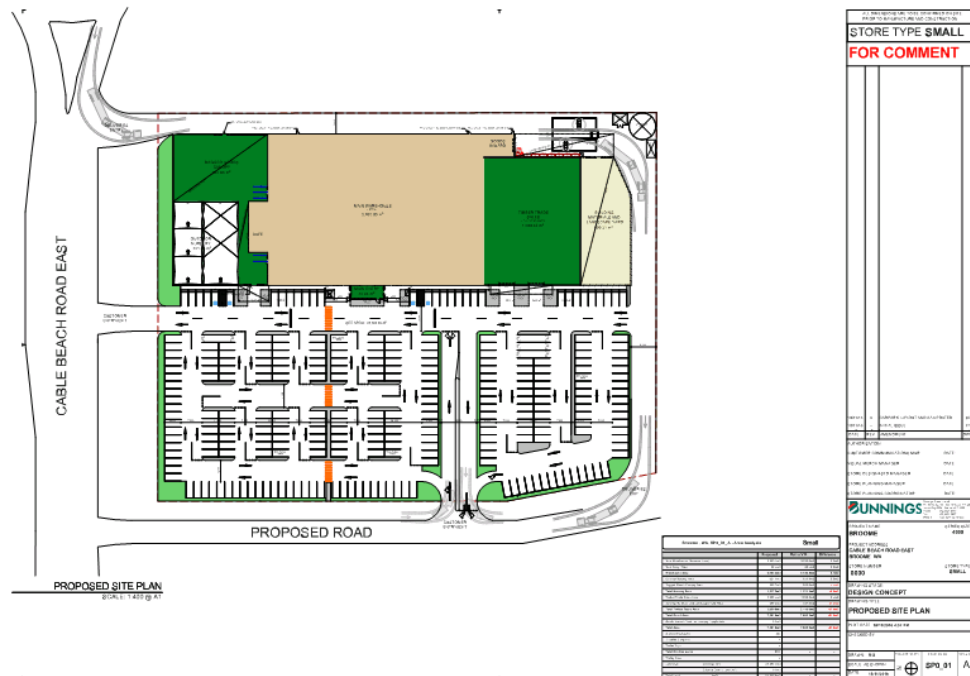
The stages are summarised as follows:

- Stage One comprises the Homemaker Centre (1.45 Ha, refer Figure 3);
- Stage Two consists of fast food outlets, carwash and tyre service centre (0.886Ha) and a large format showroom warehouse site (1.379 hectares); and
- Stage Three consists of a large format showroom warehouse site (1.686 hectares).

The current Bunnings warehouse is an inferior layout comprising a small 958 square metres shed and building materials & landscape yard of 1,691 square metres plus nursery and bagged goods with material storage occurring in temporary sea container storage units. The proposed standard Bunnings floorspace format expansion to 3,945 square metres enables more efficient and greater variety of goods supply to the Broome population.

Bunnings Homemaker Centre will be an important economic and cultural development for NBY and the Yawuru people as well as providing a range of commercial services for the population of Broome.

Figure 3: Stage One Potential Layout of the Bunnings Homemaker Centre



1.5 COMPARISON TO ALTERNATIVE SITE

An alternative site suitably zoned for service commercial development of the kind proposed, is adjacent the Boulevard shopping centre at Frederick Street. There are key comparative site and situation issues with the Boulevard locality that render that site inadequate:

1. Less direct RAV network access for deliveries that means extended traversing of District Distributor roads by B-Double delivery vehicles to get to the Frederick Street location.
2. Delivery of goods from Bunnings's southern distribution centres will come via B-Double haulage. Frederick Street is a local distributor road that services inter-neighbourhood traffic movement including that to the Boulevard shopping centre, Broome Senior High School, and access and egress to residential areas along Cable Beach Road East to Gubinge Road. Such movement along a local distributor road introduces a traffic safety issue.
3. The roundabout on Frederick Street facilitating fluid access and egress along Frederick Street and between the Senior High School and the shopping centre has recently been identified as a Black Spot conflict

junction; this highlights the safety and traffic congestion issues already present at this intersection.

4. Traffic congestion at peak periods between Broome High School and the Boulevard shopping centre highlight the capacity inadequacies of Frederick Street. Traffic congestion occurs after hours and on weekends as the high school oval is used for district football competitions.

1.6 CONSULTANT INPUTS

Nyamba Buru Yawuru has commissioned the following investigations on the site: Since acquisition of the land in 2011,

- Traffic Impact Assessment prepared by DVC – 2019 (Appendix 2)
- Bushfire Management Plan (Appendix 3)
- Level 2 Flora and Fauna report – 2016 (Appendix 4)
- Geotechnical report – 2011 (Appendix 5)
- Opportunity and Constraints (Pritchard Francis) and Water Management Strategy (JDSI 2011) (Appendix 6)
- Economic study to support Large Format Retail uses – 2016 (Appendix 7)
- Ground Survey and Airport Flight Paths (Appendix 8)

1.6.1 STRUCTURE OF REPORT

This structure plan comprises:

- Part 1 providing the statutory implementation actions
- Chapter 1 giving a general overview and background
- Chapter 2 addresses the planning context
- Chapter 3 details strategic policy
- Chapter 4 describes site context and analysis including transport analysis and management.
- Summary is in Chapter 5.

2 PLANNING CONTEXT

2.1 PLANNING PROCESS

In April 2016 Nyamba Buru Yawuru made a presentation to the Council of the Shire of Broome to gain in-principle support for a service commercial use for the subject site. The proposed development was supported by the Council Resolution of May 26, 2016 stating:

1. The Shire supports Nyamba Buru Yawuru Ltd. aspirations to develop land granted to the Yawuru Native Title Holders Aboriginal Corporation RNTBC under the ILUA and the development of land for service commercial purposes in Broome.

2. In the event Nyamba Buru Yawuru Ltd wishes to proceed with the lodgement of a formal application, the Shire advises that a Structure Plan would need to be prepared and submitted in accordance with Clause 4.44.1 of Local Planning Scheme No 6 and Clause 15 (a) (ii) of the Planning and Development (Local Planning Schemes) Regulations 2015.

Subsequent to the structure plan adoption by the planning commission, it is proposed a development application for Bunning's will be lodged for assessment in accordance with the Local Planning Scheme No. 6 (LPS6). Council can consider and determine that development application in general accordance with the structure plan, as stipulated in clause 3.44(c) of the LPS6:

In considering an application for development approval for land within the Development Zone, due regard shall be given to an approved structure plan.

Subsequently, the Development Zone can undergo reclassification to Service Commercial Zone as per the recommendation of this structure plan to accommodate assigned land uses under the LPS6.

2.1.1 STATUTORY IMPLICATIONS

In accordance with the deemed provisions, clause 17.2 ensures that a structure plan is advertised within 28 days unless the local government has given written notice to seek further information to support the structure plan proposal. Clause 18.4 enables the Commission to take reasonable steps to ensure that a structure plan is advertised should the local government not advance the process.

The basis to proceed with this structure plan is enabled by these deemed provisions as was set by the Council resolution of 26 May 2016.

2.2 SHIRE OF BROOME LOCAL PLANNING SCHEME NO. 6

2.2.1 ZONE CLASSIFICATION

The Shire of Broome Local Planning Scheme No. 6 (LPS6) gazetted on 30 January 2015, classifies the subject site as a Development Zone pursuant to clause 3.16, requiring development be guided by a structure plan that has been prepared in accordance with the deemed provisions. Clause 16(1) of the deemed provisions

set out that the preparation of a structure must be in a manner and form approved by the commission, include any maps or other material required.

This structure plan has been prepared in accordance with deemed provisions and follows a similar structure to the WAPC Structure Plan Framework 2015.

2.2.2 FUTURE ZONE AMENDMENT

After the structure planning process is complete, the Shire of Broome have the option to reclassify the land as Service Commercial Zone, as outlined in Part 1 of this structure plan.

Clause 4.35 Development in the Service Commercial Zone, states that:

- a) *All land use and development shall be consistent with the relevant design guidelines.*
- b) *Notwithstanding anything within the Scheme and Table 1, offices are not permitted in the Service Commercial Zone unless the office is incidental to another approved land use.*
- c) *Development proposals for land within the Service Commercial Zone will be considered having regard to –*
 - i. *the nature of the use and development on nearby properties;*
 - ii. *the likely impact of the proposed development on the streetscape;*
 - iii. *the impact on nearby properties in terms of amenity and character of established land uses and development; and*
 - iv. *where land uses not contained within buildings are proposed, the degree to which the activities on the site will impact upon or be compatible with land uses and development on nearby properties.*

Commentary

With reference to the LPS6 Zoning Table, the Service Commercial Zone permits the proposed uses of Fast Food Outlets, Car Wash, and Showroom Warehouse with vehicle tyre sales as a discretionary use (Service Industry). The proposed indicative concept at figure 3 is indicative of the uses moving forward. These land uses will provide a range of services to support the comparison goods demand of Broome population. The proposed nature of the uses and development is well setback from Gubinge and Cable Beach Road East by 50 metres and 22 metres respectively. Accordingly, there is likely to be negligible impact on nearby properties and the Cable Beach Road streetscape. In relation to the airport runway, the proposed uses and development is compatible.

2.2.3 CLAUSE 3.44 DEVELOPMENT IN THE DEVELOPMENT ZONE

Clauses relevant to this project are:

3.44.1 Site and Development Requirements:

- a) *Development approval will not be granted and subdivision will not be supported unless a structure plan has been adopted for all or part of the zone under Part 4 of the deemed provisions.*

- b) *In considering an application for development approval for land within the Development zone, due regard shall be given to an approved structure plan. AMD 4 GG 05/08/16*

Commentary

In accordance with the Local Planning Scheme No.6 and the deemed provisions, a structure plan has been prepared for part of Lot 3082 to ensure coordinated development of the land. Subsequent to approval by the Commission, development applications will be lodged in the Development Zone as permitted by Clause 3.44.1 (b) above.

2.2.4 CLAUSE 5.10 CONTROLLED ACCESS

Clause 5.10 states:

5.10.1 Roads under the control of Main Roads Western Australia

Where development is proposed that requires access from highways or major roads under the control of Main Roads Western Australia, then the local government and Main Roads Western Australia are to control the location, number, size and construction standards of access points onto that road. Formal approval is required by Main Roads Western Australia in consultation with the local government prior to construction of the access.

5.10.2 Roads under the control of local government

Where development is proposed that requires access to roads under the control of local government the local government may control the location, number, size and construction standards of local roads. Controlled access will apply to arterial roads shown on the Scheme Maps.

Commentary

Accordingly, traffic and transport planners DVC have been commissioned to provide a transport access plan that follows Main Roads and Shire of Broome standards. This is detailed in Section 4.2.

2.2.5 CLAUSE 5.19.1 BUSH FIRE HAZARD AND FIRE MANAGEMENT PLANS

Clause 5.19.1 states:

Where:

- a) in any planning approval granted under the Scheme; or*
- b) in any structure plan or other similar plan adopted under the Scheme; or*
- c) under a condition of an approval granted by the Commission to subdivide land;*

a fire management plan is required to be prepared and endorsed by the Department of Fire and Emergency Services and the local government, the owners of the land to which the fire management plan relates will be responsible for the ongoing implementation of the "land owners responsibilities" specified in that fire management plan.

Commentary

While it may be considered a bushfire management plan is not necessary for the proposed non-residential service commercial uses to industrial construction standard (none of the uses comprise habitable residential accommodation including BCA Classes 1, 2, 3, 4 and 9) Clause 5.19.1 requires a BMP for any structure plan. Accordingly, **urbanplan** has undertaken a Bushfire Attack Level assessment to underpin the bushfire management plan of actions and responsibilities to address bushfire threat and further to assist Bunnings in the protection of its asset.

Full details of the BMP are at Appendix 3 with a summary herein:

Bushfire Assessment Result

To commence the assessment, **urbanplan** undertook a rigorous Bushfire Attack Level Method 1 BAL assessment to gauge the vegetation structure immediately adjacent part Lot 3082. This was later used to inform the nature and extent of the proposed bushfire management plan and actions.

Vegetation within 100 metres of the service commercial on part of Lot 3082 was classified as either Savannah Forest or Scrub in accordance with clause 2.2.3 and Table 2.3 of AS 3959-2018 as undertaken 1 October 2019. Pindan country scrub vegetation is characterised with a continuous horizontal and vertical vegetation structure greater than two metres in height with sections with trees greater than 10 metres in height. Each distinguishable vegetation plot with potential to determine the Bushfire Attack Level is identified below in its current vegetated state and highlighted on the BAL Contour Maps.

Plot	Applied Vegetation Classification	Effective Slope Under the Classified Vegetation (degrees)	Separation Distance to Structure Plan (metres)	BAL Contour
1	Class A Forest (Savannah)	Flat	0	BAL FZ
2	Class D Scrub	Flat	25	BAL 19
3	Managed as Cleared	Flat	40	Excluded
4	Class D Scrub	Flat	5	BAL FZ
5	Class A Forest (Savannah)	Flat	8	BAL FZ

Table 1 Method 1 Determination for Stage One

BAL Contour Plan

The structure plan proposal is in three stages. However, at this juncture, the known components of the structure plan commence with a stage one Bunnings Homemaker Centre. In accordance with clause 6.3 (a) (ii) of SPP 3.7, Pre-development and Post-development BAL Contour Maps have been created for the 'known development' only of Stage One.

The Pre-development BAL Contour Map at Appendix 3 represents contours devised for the vegetation in its current state. It shows subject site being part of Lot 3082 with a focus on the known development only for the proposed Stage One Bunnings development. To achieve a nominal BAL 29 rating at completion of development of Stage One Service Commercial will require an additional 12 metre separation between the proposed building and vegetation to be undertaken as part of site preparation and serviceable vehicle access routes. This 12 metre separation is shown on the Bushfire Management Plan at Annex 3.

A representation of the Post-development BAL Contour Map estimates the maximum BAL rating for the known development of stage one recognising separation of the steel constructed buildings from classified vegetation.

Bushfire Management Plan

This section addresses the relevant aspects of the *Guidelines for Planning in Bushfire Prone Areas* (Version 1.3, December 2018) and applies the bushfire protection criteria (Appendix 4): siting and design, vehicle access and water supply and references the Bushfire Guidance BMP Check List (Appendix 5). The following tabular analysis provides recommended approaches to bushfire management. This tabular analyses and the approach to bushfire management demonstrates that bushfire protection criteria can be achieved through various management measures to achieve a BAL Rating.

Bushfire protection criteria	Method of Compliance	Proposed bushfire management actions
	Acceptable solutions	
Element 1: Location	A1.1 Development location The strategic planning proposal is located in an area that is or will, on completion, be subject to either a moderate or low bushfire hazard level, or BAL-29 or below.	Land is suitable for intensification because it is demonstrated a bushfire rating of BAL 29 or less can be achieved for the service commercial structure plan area, comprising industrial standard steel construction, for part of Lot 3082. As shown in the Bushfire Management Plan.

Element 2: Siting and design	<p>A2.1 Asset Protection Zone</p> <p>Every habitable building is surrounded by, and every proposed lot can achieve, an APZ depicted on submitted plans, which meets the following requirements:</p> <ul style="list-style-type: none"> •Width: Measured from any external wall or supporting post or column of the proposed building, and of sufficient size to ensure the potential radiant heat impact of a bushfire does not exceed 29kW/m² (BAL-29) in all circumstances. •Location: the APZ should be contained solely within the boundaries of the lot on which the building is situated, except in instances where the neighbouring lot or lots will be managed in a low-fuel state on an ongoing basis, in perpetuity. •Management: the APZ is managed in accordance with the requirements of 'Standards for Asset Protection Zones'. 	<p>An Asset Protection Zone is provided:</p> <ul style="list-style-type: none"> • along the road reserves as created by drainage swales, • by access and parking to Stage One, • by separating vegetation with a 10 metre wide serviceable access route around the entire boundary of part of Lot 3082, • Removal of vegetation to provide a 20 metre separation from classified vegetation and the stage one building to achieve an APZ.
Element 3: Vehicular access To accord with Table 6 of the Guidelines	<p>A3.1 Two access routes</p> <p>Two different vehicular access routes are provided, both of which connect to the public road network, provide safe access and egress to two different destinations and are available to all residents/the public at all times and under all weather conditions.</p>	<p>Two constructed public access routes are available from Cable Beach Road East and Gubinge Road</p>
	<p>A3.2 Public road</p> <p>A public road is to meet the requirements in Table 6, Column 1 (Figure 1).</p>	<p>Two public roads with frontage to Lot 3082 comply with public Road specifications and link to an internal public road within part of Lot 3082 and will be constructed to meet the requirements of the Guidelines by the Developer.</p>

<p>A3.3 Cul-de-sac (including a dead-end-road) Where no alternative exists (i.e. the lot layout already exists, demonstration required):</p> <ul style="list-style-type: none"> •Requirements in Table 6, Column 2 (Figure 1); •Maximum length: 200 m (if public emergency access is provided between cul-de-sac heads maximum length can be increased to 600 m provided no more than eight lots are serviced and the emergency access way is no more than 600 m); and •Turn-around area requirements, including a minimum 17.5 metre diameter head. 	Not Applicable
A3.4 Battle-axe	None applied
A3.5 Private driveway longer than 50 m.	None applied
<p>A3.6 Emergency access way Where no alternative exists (demonstration required), an emergency access way is to be provided as an alternative link to a public road during emergencies:</p> <ul style="list-style-type: none"> •Requirements in Table 6, Column 4 (Figure 1); •No further than 600 m from a public road; •Provided as right of way or public access easement in gross to ensure accessibility to the public and fire services during an emergency; and •Must be signposted. 	Proposed Emergency Access Way is provided from an existing Djagwan Road from Gubinge Road and another from Cable Beach Road East.
A3.7 Fire service access routes (perimeter roads)	Fire Service Access routes are to occur within and around whole of the boundary of the service commercial area part of Lot 3082 to achieve standards of Table 6 of the Guidelines. The FSA along the northern boundary of part Lot 3082 is to be the 10 metres in width.

	A3.8 Firebreak width Lots greater than 0.5 ha must have an internal perimeter firebreak of a minimum width of 3 m or to the level as prescribed in the local firebreak notice issued by the local government.	An internal 4 metres fire break to perimeter of Lot 3082.
Element 4: Water	A4.1 Reticulated areas The subdivision, development or land use is provided with a reticulated water supply in accordance with the specifications of the relevant water supply authority and Department of Fire and Emergency Services.	As per standard water reticulation requirements The Site will be reticulated. Reticulated water will be supplied in accordance with the Water Corporation's No. 63 Water Reticulation Standard. Fire hydrants supplied to roads within Stage One subdivision to Water Corporation requirements.
	A4.2 Non-reticulated areas	None applied
	A4.3 Individual lots within non-reticulated areas (Only for use if creating 1 additional lot and cannot be applied cumulatively)	Note applicable.

Additional Management Actions

Construct compacted 10 metre wide aggregate serviceable access way around the periphery of the structure plan comprising the service commercial area as defined by the boundary of part of lot 3082 in accordance with Table 6 of the Guidelines for Planning in Bushfire Prone Areas.

Implementation Responsibilities

The responsibility of implementation of this Bushfire Management Plan essentially lies with Nyamba Buru Yawuru in unison with the stage one proponent.

2.2.6 BROOME AIRPORT SCA1 AND ANEF LIMITATIONS

Under the Shire of Broome Local Planning Scheme 6 the stage one development of the Homemaker Centre falls within Special Control Area 1 (SCA1). Schedule 18 of the Planning Scheme sets out the Obstacle Limitation Surface (OLS) in the vicinity of the Broome airport. More specifically it controls the height of structures within close proximity to the airport runway to ensure the ongoing safe operation of the airport.

Personal communication occurred with Officers of Casa on 8 October to confirm as a matter of course, such matters are referred to CASA for confirmation that the proposed height of the structure complies with regulations.

The policy states that all new development including towers, antennae, and any alterations to rooflines and any increase to building heights on land must not exceed the height restrictions in the Broome Airport Obstacle Limitation Surface Plan contained in Schedule 18 – as replicated on the Structure Plan Map No. 1.

The site specific Ground Survey and Airport Flight Paths at Appendix 8 illustrates the height difference between ground level and OLS contour. It is noted the apex to the entrance to the proposed Homemaker Centre footprint has a finished height level of 8.510 metres with the remainder of the warehouse roof at 7.850 metres. The majority of the warehouse has a height difference between ground level and OLS contour of 9.2 metres, rendering the site suitable for development.

Regarding site acoustics, the proposed service commercial uses rest between the estimated 25 and 35 Australian Noise Exposure Forecast as per Schedule 10 of LPS6 (adapted from AS 2021, Table 2.1 – Building Height Acceptability). As this acoustic contour applies to noise sensitive uses such as residential, hospitals and institutions, it is not relevant to the service commercial uses proposed in this structure plan.

Furthermore, the Department of Planning Lands and Heritage has recently released State Planning Policy 5.4: Road and Rail Noise regarding acoustic implications for sites adjacent haulage routes as applied to Gubinge Road. This further suggests the western margin of Lot 3082 proximate to Gubinge Road is unsuitable for residential uses and accordingly more compatible for service commercial.

3 STRATEGIC POLICY

3.1.1 SHIRE OF BROOME LOCAL PLANNING STRATEGY

The Shire of Broome Local Planning Strategy was endorsed by the WAPC August 2014 and shows the subject site as Future Development Area 3 (Figure 4). The Local Planning Strategy describes Future Development Area 3 Airport West and indicates its use as generally residential and may cater for tourism (as near Cable Beach) or student accommodation as part of an Educational / Health Precinct (as its near Kimberley TAFE).



Figure 4: Shire of Broome Local Planning Strategy Map

Commentary

Section 1.2 of the Shire's Strategy notes that the LPS sets out the medium to long term planning directions for the Shire of Broome over the next 10 to 15 years. Further in section 5.0 it is noted for the Strategy to be dynamic and responsive to change the document should undergo a review every 5 years. Such a review process ensures the strategy responds to changes in state, regional and local policy and land use priorities.

To assume projected land use in FDA 3 on the basis of the relocation of an international airport is well beyond the scope and planning period of a local

planning strategy. Accordingly, **urbanplan** holds the position that the FDA 3 is ineffectual.

The Local Planning Scheme No.6 was subsequently gazetted January 2015 and classifies the subject site as Development Zone, providing a firm statutory direction for this parcel of land to enable development in accordance with an approved structure plan. This is a statutory departure from the guidance of the Local Planning Strategy. The approach **urbanplan** has taken on behalf of NBY is to acknowledge that residential development cannot happen in the vicinity of the runway due to acoustic levels until after the airport is relocated. Therefore this structure plan is promulgated on substantiating service commercial development on part of Lot 3082.

3.1.2 LOCAL COMMERCIAL STRATEGY

Demand Estimates

The Local Commercial Strategy (LCS) of 2017 (which has not been endorsed by the Western Australian Planning Commission) examines existing commercial activity in Broome to make recommendations on the forecast expansion and distribution of commercial floorspace across the town. The LCS economic profiling offered three growth scenarios for each retail category and separates category analysis for the two components relevant to service commercial uses being Bulky Goods and Apparel Homeware and Leisure. The retail modelling is based on bank expenditure transaction data and expenditure benchmarks (or indirectly floorspace demand) and estimates the floorspace demand for Broome by category and then extrapolates floorspace forecasts based on population growth.

Figure 12: Bulky Goods Floorspace Demand Gap illustrates the Median forecast for Bulky Goods floorspace to be approximately an additional 1,200 square metres by 2026 and 1,600 square metres by 2031. The LCS considers these forecasts representative of stagnating trends attributable to high leakage of expenditure. In terms of total retail Bulky Goods Table 6 suggests 20 percent of the \$15.9 million expenditure is leaked to the external market. The LCS report suggests this is in part to on-line expenditure, data being derived from bank expenditure transactions.

In relation to Apparel Homeware and Leisure (AHL) Figure 11 approximates a Median gap in floorspace of approximately 2,700 square metres by 2026 and 4,000 square metres of space is estimated to be required by 2031.

Hierarchy of Centres

Figure 18 of the LCS suggests a rational distribution of local and convenience centres distributed amongst the suburban areas of Broome. Other than Broome North, these have essentially occurred as a result of retail proponents responding to local demand for daily convenience goods. The imperative to maintain the highest order centre at China Town holds strong. The placement of the District Centre on Figure 18 notionally includes for service commercial outlets. Whereas District Centres normally provide for two supermarkets and discount department stores plus specialty retail outlets.

Generic Location Principles

The former Local Commercial Strategy (2007) offers generic guidance for the location and distribution of a hierarchy of retail centres. Of relevance the following

guiding principles apply to service commercial facilities including the location of Bunnings' Homemaker centres and support the NBY's proposed location of the development:

Guiding Principle

- Highly accessible location
- No adverse impact on neighbours

Distribution and Design

- Located at major intersection
- Relative to population growth areas
- Serves a number of neighbourhood areas.

Commentary

First and foremost, The Western Australian Planning Commission has not endorsed the 2017 Local Commercial Strategy and accordingly has little status.

The forecast gap in floorspace illustrated in Figures 11 and 12 for Bulky Goods and AHL suggests additional floorspace is required in both categories by 2026 and 2031. The LCS notes this future supply is best fulfilled by the expansion of existing floorspace outlets. Bunnings, for example, is in fact an expansion of an existing outlet with the aim of arresting expenditure leakage by increasing the extent of goods offering to the Broome population.

The proposal being put forward by Nyamba Buru Yawuru is to provide a composite site of sufficient size and location to accommodate the Bunnings Homemaker Centre and associated service commercial outlets into the future; a site that does not otherwise exist to this capacity elsewhere in the Town.

Moreover, Bunnings would not be pursuing development in Broome if it could not be financially substantiated through internal demand analysis.

In terms of locational criteria, the service commercial proposal on part of Lot 3082 meets the generic guiding principles as it:

- is located on a major road and intersection,
- the road classification enables B-Doubles transport access,
- has no adverse impact on existing neighbourhoods,
- is centrally located in the Broome peninsula serves the neighbourhoods and
- the location is relative to population growth areas in consideration of the 15 year timeframe.

Increasingly large format service commercial outlets locate in district centres as a result of increasing land rent costs. Moreover, the guiding principles for the location of service commercial outlets in suburban areas follow the generic locational criteria above: on major roads or near distributor road intersections with ease of heavy haulage access with little impact on neighbouring properties.

4 SITE CONTEXT AND ANALYSIS

4.1 SITE CONTEXT

In its entirety, Lot 3082 is an irregularly shaped 33 hectare block that wraps around the western edge of the airport. This structure plan only deals with a proposal for a seven hectare portion of the property (as shown in Figure 2) while the remainder is on hold.

The Broome Chinatown is four kilometres to the east while the Port lies three kilometres to the south. Directly surrounding the site is the TAFE to the east, a residential area across Cable Beach Road East to the south and the Minyirr Park Coastal Reserve across Gubinge Road to the west before Cable Beach.

The site has frontage to Cable Beach Road East and Gubinge Road, however due to access restrictions imposed by Main Roads WA, its primary frontage and exposure is to Cable Beach Road East. Based on traffic count data provided by the Shire of Broome, Cable Beach Road East receives approximately 8,000 – 10,000 vehicles per day.

The landform is gradually grading south west from RL16.50m to RL11.0m with undisturbed dense Acacia shrub and sparse trees ranging from two to six metres in height.

There is a gas pipeline running along the site's western boundary, crossing the southern verge of Cable Beach Road prior to the proposed site entrance. The gas pipeline owners EDL have been contacted and are looking into any particular constraints that may be in place during design or the construction of a sewer crossing under the gas main.

4.2 TRAFFIC IMPACT ASSESSMENT

Based on published trip generation rates it is estimated that all stages of the development would generate some 1,150 Saturday peak hour trips. However, given the likely level of trip sharing between the land uses, this represents a worst-case scenario.

The site would be serviced by three public accesses off Cable Beach Road East. Access B will be the main access point and will permit all turning movements. Access C also permits all turning movements but will not attract as much traffic as Access B. Access A will not require a right turn in to the development off Cable Beach Road East.

The parking provision rates shown in the Shire of Broome's Town Planning Scheme No. 6 result in a minimum requirement for 436 parking bays. A concept parking layout indicates that over 600 bays could be provided. Parking should conform to the town planning scheme requirement in future development applications.

Access for service vehicles will be provided via Accesses B and C. If larger delivery vehicles are used then Cable Beach Road East will need to be included in the RAV network for Broome.

There is an excellent bicycle and pedestrian path network adjacent to the site that links the resort areas to the old Broome area to the east. Given the generally bulky goods nature of the proposed development it is unlikely that cycling or walking will be popular modes of transport to the site, although the fast food outlet and electrical goods retailer may attract some such customers. Employees may also choose to cycle or walk to and from the site. Good links into the development are therefore recommended.

The results of this study show that the development can be accommodated with the proposed accesses off Cable Beach Road East at the 2031 horizon. Service vehicle access can be accommodated is to be designed at the detailed stage so as not to affect the Gubinge Road roundabout or development accesses. DVC therefore supports the structure plan application in terms of the forecast transport impact of the proposal. DVC's full report can be found at Appendix 2.

4.3 BIODIVERSITY ANALYSIS

The following analysis is taken from the biodiversity analysis conducted by GHD in 2016. The full report can be found at Appendix 4.

4.3.1 ENVIRONMENTALLY SENSITIVE AREAS

There is one Environmentally Sensitive Area (ESA) that intersects the survey area. However, this was not considered representative of any Commonwealth or State listed Threatened or Priority Ecological Communities, other significant vegetation as defined by the EPA (2004a) nor considered to be growing in association with watercourses or wetlands. Accordingly, no Department of Parks and Wildlife (DPaW) conservation reserves or estate intersects the survey area.

The ESA is likely aligned with the Roebuck Bay mudflats Threatened Ecological Community and is common to the entirety of Broome and the surrounding area.

4.3.2 FLORA

No flora taxa listed under the Environment Protection and Biodiversity Conservation Act 1999 or Wildlife Conservation Act 1950 were recorded within the survey area, however, three Department of Parks and Wildlife Priority listed flora taxa, *Polymeria* sp. Broome (K.F. Kenneally 9759) (Priority 1), *Aphyllodium parvifolium* (Priority 1) and *Phyllanthus eremicus* (Priority 3) were recorded.

4.3.3 FAUNA

Eight fauna species of conservation significance were recorded or are likely to occur in the survey area: Northern Brushtail Possum (*Trichosurus vulpecula arnhemensis*), Rainbow Bee-eater (*Merops ornatus*), Peregrine Falcon (*Falco peregrinus*), Osprey (*Pandion haliaetus*), Little North-western Mastiff Bat (*Ozimops cobourgiensis*), Grey Falcon (*Falco hypoleucos*), Dampierlands Slider (*Lerista separanda*) and Dampierland Burrowing Snake (*Simoselaps minimus*).

Of the fauna species listed above the Peregrine Falcon, Osprey, Little North-western Mastiff Bat and Grey Falcon are likely to utilise the survey area opportunistically. The survey area is unlikely to provide breeding habitat for any of

these species, therefore the habitat within the survey is not considered important habitat for these species. The remaining species, the Rainbow Bee-eater, Northern Brushtail Possum, Dampierlands Slider and Dampierlands Burrowing Snake may persist in the survey area and utilise the habitat in the Broome peninsula for foraging and/or breeding.

4.4 LANDFORM AND SOILS

Galt Geotechnics were commissioned to undertake a geotechnical analysis of the site in 2011 (full report at Appendix 5). The company confirmed that the area is underlain by silty sand, locally known as Pindan Sand and is described as homogeneous red, fine grained, sub-rounded quartz, variable silt content. The site was given a Class 'P' with soil profile characteristics of loose nature of the upper two metre and the collapsible nature of the soil. For development to occur in the future, compacting has been recommend to achieve a Class 'S'.

There was no groundwater encountered in test pits to a depth of 3.3m. Three permeability tests indicated permeability values varying from 1.2 to 4.8 m/day.

From Galt's analysis, the site does not appear to have any of the indicators of Acid Sulphate Soils.

4.5 STORMWATER

The site naturally grades west towards the Gubinge Road and Cable Beach Road intersection. Due to the relatively low permeability of the Pindan soil, it is proposed to disposed runoff of by means of surface drains and detention swales rather than soak-wells. The intent is to direct stormwater flow towards a detention swale near the culvert under Gubinge Road, allowing maintenance of the predevelopment flow rate discharge to the stormwater drainage system.

In support of this structure plan for the composite service commercial proposal of part of Lot 3082, the principles of the Local Water Management Strategy (JDSI Report of 2011 at Appendix 6) are given below in section 4.5.1. The top water level for the site has been assumed as 11.2m AHD based on contours and culvert Inverts. According to the Kellogg Brown & Root drainage study carried out in October 2008, the Shire's Basin No. 2 on the western side of Gubinge Road has a maximum water level of 10.7m in a major storm event.

4.5.1 APPROACH TO STORMWATER MANAGEMENT

An open drainage swale and ephemeral detention basin will be used for the subject site and the storm water design will be based on the following principles (as derived from JDSI November 2011):

- Development of the project will require detention storage to a level so that the peak runoff outflows are no greater than that which would occur under predevelopment conditions.
- Finished floor levels (FFL) for the buildings on all lots are to be at least 0.5m above the crown of the road.

- A minimum of 0.3m freeboard is required between the flood level of a major design event and the finished floor level of all buildings on the site.
- The Q100 ARI event is to be contained within the road reserve and the Q10 ARI event is to be within the road pavement.
- Roads are used as drains and carry the majority of the flows for all events. Gullies and pipes are only used to manage flows where they cannot be carried in the road between the kerbs and for low flow drains from detention basins.

The quality of stormwater generated from the catchment will be managed by the following methods:

- Reduction of stormwater flow velocities to aid sedimentation, reduce erosion and reduce the carriage of seeds into the natural landscape.
- Construction of vegetated swales drains and dry/ephemeral detention basins using weirs and low flow drain system to reduce the water velocity to allow settling out of the silt load and the removal of gross pollutants.
- Provide for natural vegetation re-growth by using topsoil generated from the site on the sides of the swales and the bases of the detention basins. Additional planting of low-lying native plants, in particular grasses, along the sides of the swales and basins, for filtering of sediments and nutrient removal.

As part of the water quality treatment, gross pollutant traps would be employed as necessary to trap immediate contaminated particulates during the first flush of stormwater before discharge. At this stage it is envisaged, the majority of the drainage from the site will be discharged into a 50 metre wide environmental cultural corridor along Gubinge Road.

The corridor is unable to store the 100yr event, and will need to discharge to the west side of Gubinge Road through culverts under the road that will need to be constructed. The western side of Gubinge Road is the natural groundwater infiltration zone at the base of the existing cable beach dunes. This is similar to the existing Jana Buru estate to the south currently discharges its drainage into this area also.

4.5.2 APPLICATION OF LOCAL WATER MANAGEMENT STRATEGY GUIDELINES TO PINDAN PLAIN

Better Urban Water Management practice established standard check-box requirements for local stormwater management strategies as applied to the structure plan process. These standards were essentially established for subdivisional development purposes on the Swan Coastal Plain particularly for areas of high ground water table. Table 1 of the Executive Summary itemises normal requirements at the local level for structure plans.

The coefficient of stormwater infiltration for Pindan Soils is very low; Post-development stormwater characteristics and flow rates are very much like Pre-development characteristics. Effectively there is minimal infiltration with high rates of surface runoff that require detention in large swales or open unlined drains prior

to metered discharge to the natural infiltration zones at the base of the Cable Beach and Roebuck Bay dunes.

High water or perched water tables do not exist on the Broome peninsula; the first encounter of groundwater at the site was at 3.3 metres. Acid Sulphate soils seldom exist on the Pindan Plain. Stormwater management arrangements described above establish strategies for management and associated detention infrastructure to address requirements commensurate with the structure processes. Should further detail be required it is requested this be undertaken as a conditional modification of the structure plan.

4.6 ECONOMIC STUDY TO SUPPORT LARGE FORMAT USES

In 2016, Knight Frank was commissioned to produce an economic assessment of a proposed indicative land use plan (full study at Appendix 7). The research of local agents concluded that there was currently a soft commercial market in Broome. The indicative concept plan illustrates proposed commercial development of seven hectares comprising three notional large lots. Large freehold lots may be attractive to owner occupiers such as Bunnings but the range of other potential buyers for the remainder large commercial sites is very limited due the size and high construction costs of any large development.

Smaller freehold commercial lots or leasehold tenure of 1,000m² and 4,000m² are more likely to suit the Broome market. Smaller commercial lots would be more affordable to owner occupied commercial businesses and would also likely attract a diverse range of businesses to the area.

The Knight Frank assessment was essentially to critique a conceptual or indicative land use plan illustrating potential uses on notional lot sizes. In this regard, the assessment as such was limited in its scope and needs to be balanced with other estimates of forecast demand and expansion of existing uses to a composite site. As a large scale commercial outlet, Bunnings has expressed a strong interest in shifting from their current store to expand its retail offering. This will meet the requirements of stage one of this project with the remainder service commercial uses forming smaller showroom warehouse outlets to be developed over a time span of 15 years.

4.7 SERVICE MAINS

This section will summarise the significant recommendations for extension of sewer and water mains to enable site development.

In liaison with the Water Corporation, a wastewater outlet for the site can be developed via developer-funded extension off the 225 gravity sewer that presently terminates at the intersection of Murray Rd and Cable Beach Rd, in Cable Beach.

Water supply is also required to be via developer funded reticulation mains extension from the existing network in the Cable Beach scheme. Sizing of required mains or meter connection will depend on water demands and type of development.

Depending on demands in the medium to longer term, the actual development of this site may, trigger the need to bring forward planned capital projects including the installation of a new 200-250-300 distribution main along Gubinge Rd between Djaigween Rd and Jigal Rd.

5 SUMMARY

The purpose of this Structure Plan is to de-constrain the identified parcel to a development ready position. The aim of this structure plan is to:

- deliver NBY's vision for the identified parcel;
- achieve Local assessment and State Government approval; and
- facilitate a development application for the stage one Bunnings Homemaker Centre and subsequent stages of service commercial uses.

This will enable the development of service commercial land uses on a composite site to support Nyamba Buru Yawuru in its vision to deliver cultural and economic services for Yawuru and other Indigenous Australian people.

Achieving financial sustainability underpins Indigenous self-determination.

With the advancement of the commercial development of part of Lot 3082 Cable Beach Road East surplus rental income will be indirectly returned to the local Indigenous Australian community club and will:

- Provide resources for further development of Indigenous culture.
- Provide further training and employment opportunity through the service commercial outlets.
- Reduce the dependence on future government funding and, over time, provide financial sustainability and independence; significant in these times of reduced Federal finance.

Accordingly, this proposal is a genuine, hallmark, innovative development approach toward self-determination. Given the circumstances, urbanplan strongly recommends the proposed Structure Plan for part Lot 3082 Cable Beach Road East for advertising and consideration of the Western Australian Planning Commission.

Since 2016, Bunnings have expressed a strong interest in relocating from their current store to this site to respond to the gap in forecast demand and expand its existing use to a composite site. This will meet the requirements of stage one of this project with the remainder service commercial uses forming smaller showroom warehouse outlets to be developed over a time span of 15 years. The Knight Frank assessment highlights a large-scale commercial outlet like Bunnings would be suitable for this composite site, a site that does not otherwise exist to this capacity elsewhere in the Town.

The Local Planning Strategy shows the subject site as Future Development Area 3 Airport West and indicates its use generally as residential. Section 1.2 of the Shire's Strategy sets out the medium to long term planning directions for the Shire of Broome over the next 10 to 15 years requiring a review every 5 years. To assume projected land use in FDA 3 on the basis of the relocation of an international airport is well beyond the scope and planning period of a local planning strategy.

The Local Planning Scheme No.6 was subsequently gazetted January 2015 and classifies the subject site as Development Zone, providing a firm statutory direction for this parcel of land to enable development in accordance with an approved structure plan. This is a statutory departure from the guidance of the Local

Planning Strategy. The approach **urbanplan** has taken on behalf of NBY is to acknowledge that residential development cannot happen in the vicinity of the runway or Gubinge Road due to acoustic levels until after the airport is relocated.

The Local Commercial Strategy notes this future supply is best fulfilled by the expansion of existing floorspace outlets; Bunnings is an expansion of an existing outlet with the aim of arresting expenditure leakage. The forecast gap in floorspace, illustrated in Figures 11 and 12 for Bulky Goods and Apparel Household and Leisure Goods, suggests additional floorspace is required in both categories by 2026 and 2031. The service commercial development meets the guiding principles set out by the Shire of Broome Local Commercial Strategy as it is located on a major road and intersection, has no adverse impact on existing neighbourhoods, and is relative to population growth areas in its location.

The location of the proposed service commercial site on Lot 3082 enables access from Gubinge Road RAV network for deliveries. Accordingly this avoids extended traversing of District Distributor roads adjacent residential areas by B-Double delivery and prevents traffic congestion safety issues through residential areas at peak periods. The results of this study show that the development can be accommodated with the proposed accesses off Cable Beach Road East at the 2031 horizon. Service vehicle access can be accommodated so as not to affect the Gubinge Road roundabout or development accesses. DVC therefore supports the structure plan application in terms of the forecast transport impact of the proposal.

The BAL Contour Map at Appendix 3 represents contours devised for the vegetation in its current state. To achieve a nominal BAL 29 rating at completion of development of Stage One will require a 12 metre bushfire separation to be undertaken as part of site preparation and vehicle circulation routes around the boundary of the subject site.

The proposal falls within Special Control Area 1 defining the Obstacle Limitation Surface that specifically controls the height of buildings within close proximity to the airport runway. It is noted the apex to the entrance to the proposed Homemaker Centre footprint has a finished height level of 8.510 metres with the remainder of the warehouse roof at 7.850 metres. The majority of the warehouse has a height difference between ground level and OLS contour of 9.2 metres or more.

The Australian Noise Exposure Forecast as per Schedule 10 of the Local Planning Scheme No. 6 applies to noise sensitive uses such as residential, hospitals and institutions and is not relevant to the service commercial uses proposed in this structure plan. Equally, the recently released SPP 5.4 regarding acoustic setbacks for sites adjacent road and rail routes as applied to Gubinge Road and further suggests the site is unsuitable for residential uses and more compatible for service commercial.

There is one Environmentally Sensitive Area (ESA) that intersects the survey area. That is not considered representative of any Commonwealth or State listed Threatened or Priority Ecological Communities.

Due to the relatively low permeability of the Pindan soil, it is suggested that run off is disposed of by means of surface drains and detention swales rather than soak-wells, allowing stormwater to flow towards a detention swale near the culvert invert under Gubinge Road.

The basis to proceed with this structure plan was set by Council resolution of 26 May 2016 in accordance with the requirements of the Development Zone. With reference to the LPS6 Zoning Table, the Service Commercial Zone permits a range of retail warehouse and service commercial uses that will provide for new outlets or expansion of existing outlets to support the comparison goods demand of the Broome population.

In accordance with clause 17.2 of the deemed provisions, **urbanplan** respectfully requests that this structure plan be advertised within 28 days.

6 APPENDICIES

Appendix 1 – Title Deed

REGISTER NUMBER 3082/DP219733	
DUPLICATE EDITION 1	DATE DUPLICATE ISSUED 30/12/2011

WESTERN AUSTRALIA

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

VOLUME **2758** FOLIO **291**

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


REGISTRAR OF TITLES



LAND DESCRIPTION:

LOT 3082 ON DEPOSITED PLAN 219733

REGISTERED PROPRIETOR:
(FIRST SCHEDULE)

NYAMBA BURU YAWURU LTD OF PO BOX 425, BROOME
(TF L815392) REGISTERED 21 DECEMBER 2011

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

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

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

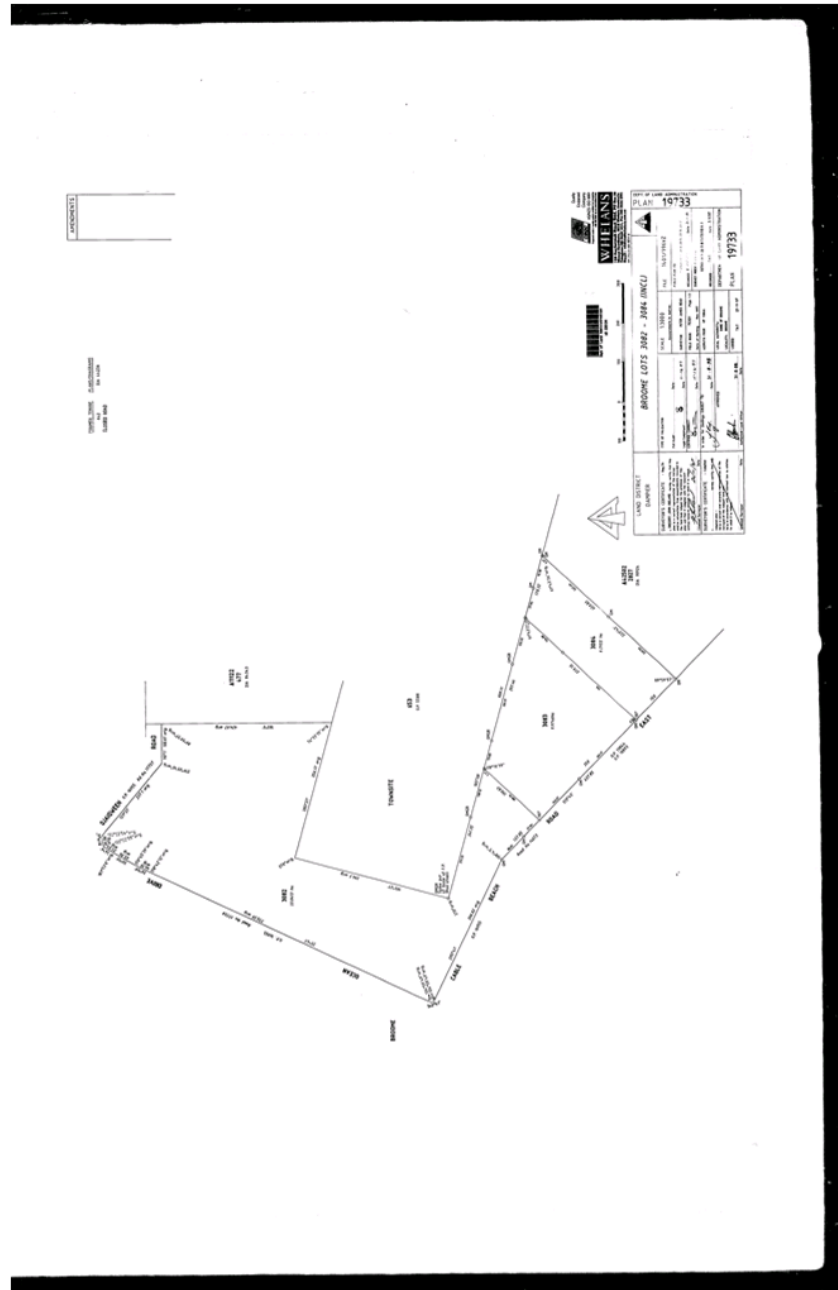
STATEMENTS:

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

SKETCH OF LAND: DP219733.
PREVIOUS TITLE: LR3110-62.
PROPERTY STREET ADDRESS: 102 CABLE BEACH RD EAST, DJUGUN.
LOCAL GOVERNMENT AREA: SHIRE OF BROOME.

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Appendix 2 – Traffic Impact Assessment prepared by DVC – 2019

Appendix 3 – Bushfire Management Plan

Appendix 4 - Level 2 Flora and Fauna report – 2016

Appendix 5 – Geotechnical report – 2011

Appendix 6 – Opportunity and Constraints (Pritchard Francis) and Water Management Strategy (JDSI 2011)

Appendix 7 – Economic study to support Large Format Retail uses – 2016

Appendix 7 - Ground Survey And Airport Flight Paths

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Note: The assessment that is being performed at this stage of the process is whether the material supplied with the Structure Plan is acceptable for assessment and advertising. It does not perform an assessment of the merits of the Structure Plan against the Local Planning Framework.

Consideration	Relevant Clause	Officer Comment																											
Planning and Development (Local Planning Schemes) Regulations 2015 – Deemed Provisions	16	<p>(1) A structure plan must –</p> <p>(a) be prepared in a manner and form approved by the Commission; and</p> <p>(b) include any maps, information or other material required by the Commission; and</p> <p>(c) unless the Commission otherwise agrees, set out the following information –</p> <p>(i) the key attributes and constraints of the area covered by the plan including the natural environment, landform and the topography of the area;</p> <p>(ii) the planning context for the area covered by the plan and the neighbourhood and region within which the area is located;</p> <p>(iii) any major land uses, zoning or reserves proposed by the plan;</p> <p>(iv) estimates of the future number of lots in the area covered by the plan and the extent to which the plan provides for dwellings, retail floor space or other land uses;</p> <p>(v) the population impacts that are expected to result from the implementation of the plan;</p> <p>(vi) the extent to which the plan provides for the coordination of key transport and other infrastructure;</p> <p>(vii) the proposed staging of the subdivision or development covered by the plan.</p> <p>Comment: the manner and form approved by the Commission is the Structure Plan Framework. An assessment of the proposal against the Framework is outlined below.</p>																											
Structure Plan Framework 2015 https://www.dplh.wa.gov.au/DepartmentofPlanningLandsHeritage/media/Documents/Information_services/Local%20Planning/Planning%20and%20Development/PD_Structure-Plan-Framework.pdf	Appendix 1	<p>Appendix 1 of the Framework sets out the format of a structure plan. The table below summarises these requirements and whether the proposed Structure Plan includes these components and whether they are in a satisfactory format.</p> <table border="1"> <thead> <tr> <th>Requirements</th><th>Provided</th><th>Satisfactory format/Comments</th></tr> </thead> <tbody> <tr> <td>Cover page</td><td>Yes</td><td>Yes</td></tr> <tr> <td>Endorsement page</td><td>Yes</td><td>Yes</td></tr> <tr> <td>Table of amendments</td><td>Yes</td><td>Yes</td></tr> <tr> <td>Table of density plans</td><td>N/A</td><td>N/A- as no residential development is proposed.</td></tr> <tr> <td>Executive summary</td><td>No</td><td>No</td></tr> <tr> <td>Table of contents</td><td>Yes</td><td>Yes</td></tr> <tr> <td colspan="3">Part One: Implementation</td></tr> <tr> <td>Structure Plan map which shows: a. protected environmental and heritage features</td><td>a. No</td><td>a. The Structure Plan map does not show the environmental and heritage features however it is</td></tr> </tbody> </table>	Requirements	Provided	Satisfactory format/Comments	Cover page	Yes	Yes	Endorsement page	Yes	Yes	Table of amendments	Yes	Yes	Table of density plans	N/A	N/A- as no residential development is proposed.	Executive summary	No	No	Table of contents	Yes	Yes	Part One: Implementation			Structure Plan map which shows: a. protected environmental and heritage features	a. No	a. The Structure Plan map does not show the environmental and heritage features however it is
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PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment			
		b. buffers separating housing areas from major utility infrastructure within or affecting the land the subject of the structure plan c. proposed zones and reservations, based on the zones and reservations listed in the local planning scheme or strategy d. residential density e. movement network and hierarchy including neighbourhood connectors, bike/pedestrian paths; f. commercial sites; g. open space network; h. education and community sites. i. Where an LDP will be required (if applicable)	b. No c. No d. N/A e. No f. Yes g. Yes h. N/A i. N/A	considered that this is adequately described in the material supplied in the Structure Plan. b. There are no land uses within or immediately adjacent to the Structure Plan area that would require buffers to be shown on the map. c. The legend in the Structure Plan does not show the zones, modification is required. d. N/A as no residential development is proposed. e. The road hierarchy as shown in LPS6 is not shown on the Structure Plan map and also the pedestrian network should be illustrated. Modification required. f. Shown on plan, subject to legend being updated as described above, this is acceptable. g. Shown on the plan. h. N/A i. Plan to be updated to show where LDP will be applicable. *note that the Structure Plan is currently an insert into the plan and is not scalable. A to scale Structure Plan map should be included.	
		Structure Plan Area	Yes	The Structure Plan area is shown however there are some inconsistencies between Plan 1, Figure 1, 2 and 3 that need to be updated.	
		Operation	Yes	Adequate	
		Staging	Yes	Shown in the plan.	
		Subdivisional and Development Requirements	Yes	Features described are adequately detailed in the Structure Plan report.	
		Local Development Plan (LDP)	No	Given the type of development proposed in the Structure Plan it is important that a coordinated approach to vehicle access, parking, service areas and built form presence and orientation is coordinated. A	

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment			
					LDP is the mechanism that to coordinate this and the Structure Plan map and text should be updated to show that a LDP will be prepared.
		Additional Information	No		A Structure Plan is required to include a table that establishes if additional information is required to be submitted and at which stage. A section needs to be included that an Urban Water Management Strategy will be supplied at subdivision and/or development stage and LDP will be supplied prior to any subdivision and/or development.
		Part Two: Explanatory Section			
		Planning background	Yes		Provided under Part 2 of the Structure Plan. The Structure Plan under the Strategic Policy section has not addressed section 2.4.7 of the Local Planning Strategy which is the section that provides guidance on Retail, Commercial and Activity Centre distribution around Broome. Given the land use proposed this needs to be included in the planning background and context.
		Site conditions and constraints	Yes		Section 4 of the Structure Plan provides an overview of the site context and analysis. The matters set out in the Framework have been addressed in the report, with the exception of Heritage.
		Technical Appendices			
		a. Environmental assessment and management strategy	a. Yes		a. Provided in the form of a Flora and Fauna Survey. The site was recorded as having three priority listed flora taxa, no management details in this regard have been provided and this should be updated in the appendices or Structure Plan report.
		b. Local biodiversity strategy	b. No		b. N/A in this case given the size of the site and the flora and fauna survey a strategy is not deemed applicable.
		c. Ethnographic and Aboriginal heritage report	c. No		c. The Structure Plan currently does not provide any information in relation to heritage. This should be

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment																																		
			<div><div>d. Transport management strategy and transport impact assessment</div><div>e. Noise impact assessment</div><div>f. Local water management strategy</div><div>g. Local infrastructure and servicing strategy</div><div>h. Bushfire hazard assessment and management plans</div></div>	<div><div>d. Yes</div><div>e. No</div><div>f. Yes</div><div>g. Yes</div></div>	<div><div>updated in the Structure Plan text. If there is not interaction with known or potential heritage sites, then an ethnographic and aboriginal heritage report should not be required.</div><div>d. Transport Impact Assessment, has been supplied. There are some technical clarifications with the document that are required.</div><div>e. N/A</div><div>f. A LWMS has not been supplied. While the applicant has outlined a strategy to addressing stormwater management, modelling has not been performed. This information needs to be supplied at Structure Plan stage.</div><div>g. Engineering Servicing Report supplied.</div><div>h. Draft Bushfire Management Plan supplied. For a review against the SPP and Guidelines refer to the information below.</div></div>																															
			Digital data and mapping standards	Yes	Edits are required to the Structure Plan map to meet this section as outlined above.																															
Liveable Neighbourhoods	N/A	<div><div>Liveable Neighbourhoods (LN) is the primary policy which structure plans and subdivision for new urban areas in greenfield and large infill sites are assessed against. LN is structured into key ‘Elements’ and establishes objectives and requirements which are to be satisfied. The table below summarises these requirements and whether the proposed Structure Plan includes these components.</div><table><tr><th>Requirements</th><th>Applicable</th><th>Provided</th></tr><tr><td>Site and context analysis</td><td>Yes</td><td>Yes</td></tr><tr><td>Transport assessment</td><td>Yes</td><td>Yes</td></tr><tr><td>Local water management strategy</td><td>Yes</td><td>No</td></tr><tr><td>Water Balance Assessment</td><td>Yes</td><td>No</td></tr><tr><td>Infrastructure and servicing strategy</td><td>Yes</td><td>Yes</td></tr><tr><td>Walkable catchment analysis</td><td>No</td><td>N/A</td></tr><tr><td>Preliminary transport assessment</td><td>Yes</td><td>Yes</td></tr><tr><td>Public Open Space Management Plan</td><td>No</td><td>N/A</td></tr><tr><td>Community infrastructure plan</td><td>No</td><td>N/A</td></tr></table></div>					Requirements	Applicable	Provided	Site and context analysis	Yes	Yes	Transport assessment	Yes	Yes	Local water management strategy	Yes	No	Water Balance Assessment	Yes	No	Infrastructure and servicing strategy	Yes	Yes	Walkable catchment analysis	No	N/A	Preliminary transport assessment	Yes	Yes	Public Open Space Management Plan	No	N/A	Community infrastructure plan	No	N/A
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https://www.dplh.wa.gov.au/policy-and-legislation/state-planning-framework/liveable-neighbourhoods																																				

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment		
Local Planning Policy 5.22 – Shire of Broome Structure Plan and Subdivision Standards http://www.broome.wa.gov.au/files/assets/public/council/policy/policy-2018/522-shire-of-broome-structure-plan-and-subdivision-standards.pdf	Section 1 & 2	Local Planning Policy 5.22 – Shire of Broome Structure Plan and Subdivision Standards (the Policy). The Policy outlines variations to the State Policies to reflect specific Broome conditions. The table below summarises these requirements and whether the proposed Structure Plan includes these components.		
		Requirements	Applicable	Provided
		General		
		Structure Plans are to be prepared consistent with the format within the WAPC Structure Plan Framework (2015) except where varied in the Policy.	Yes	Refer to comments above for an assessment against the framework.
		Site Context and Analysis	Yes	Partial
		Environmental assessment and management strategy is to be prepared and attached as a technical appendices to the Structure Plan, if the proposed site exhibits the following characteristics: <ul style="list-style-type: none"> • The site is known to have any priority flora, fauna and habitat; • The site is positioned within the P1 drinking water source area; • The site is known to be impacted by flooding, inundation or storm surge from the ocean, creeks or floodplains, • Presence of acid sulphate soils; • Potential for contaminated sites. 	Yes	Flora and Fauna Survey provided. The survey outlined that three priority listed flora were identified. A management response has not been provided, further information is required in this regard.
		Within Part 1 of a Structure Plan, under the section 7 'other requirements' include a table identifying relevant outstanding studies, investigations and information and the stage when it will be approved/implemented, this may include the following: <ul style="list-style-type: none"> • Weed and pest management plan; • Foreshore / environmental / bushland / tree / wetland / wildlife protection management plan. 	Yes	Urban Water Management Plan will need to be supplied and this should be noted.

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment		
		The design and layout of the Structure Plan/subdivision should respond to the elements identified the contexts and constraints plan. A description should be provided under Part 2 of the Structure Plan setting out how the design addresses the site context and constraints identified.	Yes	No further information in this regard is required.
		Urban Water Management		
		Local Water Management Strategies (LWMS) shall be prepared at the first stage of the Structure Plan process	Yes	No
		Prior to the submission of a Structure Plan, the LWMS should be submitted to the Shire and Department of Water for initial comment. Details of pre-submission consultation should be outlined in Table 4 – pre-lodgement consultation of the Structure Plan.	Yes	No
		All LWMS are to address the following: a. Any preliminary designs of downstream stormwater discharge points must be provided and developer must acknowledge that it is their responsibility to secure access and fund any downstream works. b. Preliminary geo-tech findings and acid sulphate testing must be detailed; c. Models for off-site impacts required to prevent flooding; and d. Ongoing management measures to be implemented by the developer during the two year maintenance	Yes	No

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment		
		period, including street sweeping, silt removal and weed management.		
		Pedestrian Requirements	Yes	No
		All footpaths (unless the footpath is within 400m of an activity centre) must be a minimum of 2m wide; offset a minimum of 0.3m from property boundaries.	Yes	Existing footpaths are provided in the Cable Beach Road East and Gubinge Road road reserves. Structure Plan map is to be updated to show.
		Street Network Requirements	Yes	No
		i) Access Street C, indicative street reserve width is a minimum of 18m and minimum street pavement width is 7.4m; ii) Access Street D, indicative street reserve width is a minimum of 18m and minimum street pavement width is 6m; iii) Any street requiring on street parking is to be a minimum width of 2.5m.	Yes	Details on the road reservation width and hierarchy have not been supplied, further information required.
		Site Responsive Design Requirements	Yes	No
		The street and lot layout is to be consistent with the following principles: (i) All urban areas should be designed with a grid pattern distribution of streets with street blocks orientated so the longest length is north-south orientated; (ii) Lots on the north/south orientation should be narrow to reduce the potential for solar gain; (iii) Staggered blocks are preferable to enhance airflow.	Yes	These design elements are more applicable to a residential subdivision. No change is required in this regard.
		Part 1 of the Structure Plan, under section 6 'Other Requirements' the applicant must demonstrate how lot shape, size and orientation would be implemented to achieve climate responsive design and	Yes	These design elements are more applicable to a residential subdivision. No change is required in this regard.

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment			
		energy efficient buildings. This can include principal building typologies that are proposed to accommodate climate responsive design.			
		If it is deemed that to achieve climate responsive design, variations to the 'Deemed to Comply' criteria of the R-Codes should be implemented, the applicant must set out under Part 1, section 7 'Additional Information' that a Local Planning Policy would be prepared prior to subdivision clearance to implement such variations.	Yes	This is N/A	
		Public Open Space Function and Size Requirements	No	n/a	
		Public Open Space Provision Requirements	No	n/a	
		Development of Public Open Space Requirements	No	n/a	
		State Planning Policy 3.7 – Planning in Bushfire Prone Area https://www.dplh.wa.gov.au/information-and-services/state-planning/bushfire-planning/state-planning-policy-3-7-and-guidelines	6.3	Any strategic planning proposal to which policy measure 6.2 applies is to be accompanied by the following information prepared in accordance with the Guidelines: <div>a) (i) the results of a BHL assessment determining the applicable hazard level(s) across the subject land, in accordance with the methodology set out in the Guidelines. BHL assessments should be prepared by an accredited Bushfire Planning Practitioner; or (ii) where the lot layout of the proposal is known, a BAL Contour Map to determine the indicative acceptable BAL ratings across the subject site, in accordance with the Guidelines. The BAL Contour Map should be prepared by an accredited Bushfire Planning Practitioner; and b) the identification of any bushfire hazard issues arising from the relevant assessment; and c) clear demonstration that compliance with the bushfire protection criteria in the Guidelines can be achieved in subsequent planning stages.</div> Comment: a Bushfire Management Plan has been prepared to support the proposed Structure Plan. To satisfy the SPP 3.7 and the Guidelines for Planning in Bushfire Prone areas, a BAL of 29 or less must be achieved. The applicant has supplied a pre-development BAL contour plan which shows that portions of the Structure Plan area are subject to BAL 40 and FZ. While a post development BAL contour plan has been supplied for Stage 1 of the Structure Plan area, the Bushfire Management Plan has not	

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment								
		<p>demonstrated that a BAL of 29 can be achieved for the other stages. Further information is required to demonstrate that the SPP 3.7 can be achieved.</p> <p>The Bushfire Management Plan has provided an overview to demonstrate compliance with the bushfire protection in the criteria. The BMP details that removal of vegetation to provide a 20m separation from classified vegetation will occur. This is depicted on page 30 of the BMP. The removal of the vegetation however conflicts with the location of the drainage swales which page 29 of the Structure Plan outlines will need to be vegetated to meet with the Better Urban Water Management principles. Further information is required to demonstrate that suitable separate distances can be maintained.</p>								
Better Urban Water Management https://www.dplh.wa.gov.au/policy-and-legislation/state-planning-framework/fact-sheets,-manuals-and-guidelines/better-urban-water-management	Executive Summary Table 1, 3.	<p><i>Water Resources Report: Local water management strategy – separate document to accompany a local planning scheme amendment report and local structure plan (summarised in chapter in structure plan).</i></p> <p><i>Responsible for action: Developer with input from local government</i></p> <p>Comment: the applicant has supplied an overview of the principles for urban water management, please refer to table below for a review of sufficiency of material supplied.</p>								
	4.5	<p><i>The local water management strategy should address the following:</i></p> <table border="1"> <thead> <tr> <th>Requirements</th><th>Applicable</th><th>Provided</th></tr> </thead> <tbody> <tr> <td><i>principles, objectives and requirements for total water cycle management as outlined in the State Planning Policy 2.9 Water Resources (WAPC, 2006), Liveable Neighbourhoods (WAPC, 2007) and the Stormwater Management Manual for WA, including the decision process for stormwater management (DoW, 2004-2007);</i></td><td>Yes</td><td>General overview of the approach has been supplied, however not in the form of an Local Water Management Strategy.</td></tr> <tr> <td><i>existing site characteristics such as geology, hydrogeology and groundwater characteristics in more detail than the regional or district strategies. It is anticipated that preliminary site investigations are completed including</i></td><td>Yes</td><td>Information has been supplied on the groundwater characteristics and geotechnical analysis has been performed. Surface water sampling has not been undertaken.</td></tr> </tbody> </table>	Requirements	Applicable	Provided	<i>principles, objectives and requirements for total water cycle management as outlined in the State Planning Policy 2.9 Water Resources (WAPC, 2006), Liveable Neighbourhoods (WAPC, 2007) and the Stormwater Management Manual for WA, including the decision process for stormwater management (DoW, 2004-2007);</i>	Yes	General overview of the approach has been supplied, however not in the form of an Local Water Management Strategy.	<i>existing site characteristics such as geology, hydrogeology and groundwater characteristics in more detail than the regional or district strategies. It is anticipated that preliminary site investigations are completed including</i>	Yes
Requirements	Applicable	Provided								
<i>principles, objectives and requirements for total water cycle management as outlined in the State Planning Policy 2.9 Water Resources (WAPC, 2006), Liveable Neighbourhoods (WAPC, 2007) and the Stormwater Management Manual for WA, including the decision process for stormwater management (DoW, 2004-2007);</i>	Yes	General overview of the approach has been supplied, however not in the form of an Local Water Management Strategy.								
<i>existing site characteristics such as geology, hydrogeology and groundwater characteristics in more detail than the regional or district strategies. It is anticipated that preliminary site investigations are completed including</i>	Yes	Information has been supplied on the groundwater characteristics and geotechnical analysis has been performed. Surface water sampling has not been undertaken.								

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment			
		<i>geotechnical analysis and surface and groundwater sampling to identify site conditions which have relevance to the water management design;</i>			
		<i>site constraints and opportunities (such as water dependent environments, remnant vegetation, landscape and landform), identifying the critical issues and how they are proposed to be managed);</i>	Yes		General site constraints and opportunities has been supplied as part of the Structure Plan report.
		<i>demonstration of the capacity of the land to sustain the proposed land uses including any management responses required to address:</i> <ul style="list-style-type: none"> <i>the likely extent and severity of acid sulfate soils;</i> <i>potential impacts on surface and groundwater quality and quantity;</i> <i>potential impacts on ecosystems and biodiversity;</i> <i>potential impacts on existing land uses in the vicinity;</i> <i>any likely engineering constraints and impacts on infrastructure; and</i> <i>cumulative impacts</i> 	Yes		Management responses outlined should be supplied in the form of a local water management strategy.
		<i>conceptual urban water management system, including:</i> <ul style="list-style-type: none"> <i>fit-for-purpose water use strategy – mechanisms (including those relating to development design and construction) to conserve potable water, minimise wastewater and re-use all forms of water, including stormwater. For further guidance refer to the Water Corporation's Waterwise Land Development</i> 	Yes		The modelling required to quantify the land required for storage (detention) for urban water management was not supplied. As outlined in LPP 5.22 In Broome, urban water management is a primary consideration due to the extreme wet season conditions and therefore it is critical that water management is addressed early in the Structure Plan/urban design process for any area. The Urban Water Management network is generally the form giving element to new urban areas from which the rest of the layout and design elements should be applied.

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment			
		<p><i>Program and Developing Alternative Water Supplies in the Perth Metropolitan Area Series, (Water Corporation, 2007);</i></p> <ul style="list-style-type: none"> <i>quantification of land required for storage (detention) of stormwater for the critical 1 in 100 year ARI and 1 in 5/10 year ARI (as indicated by the appropriate local government);</i> <i>identification of land required for retention of the 1 in 1 year, 1 hour ARI storm event and treatment of all run-off contained in the drainage infrastructure network;</i> <i>calculation of the proportion of constructed impervious surface;</i> <i>map of existing groundwater levels and any proposed controlled groundwater level (including use of subsoil drains and treatment prior to discharge) with justification for this control;</i> <i>demonstrated understanding of the concepts and key issues associated with choice of stormwater controls – identification of types of best management practices for management of water quality and quantity, and indicative drawings of possible treatment trains and design approaches; - infrastructure and management requirements and proposed locations for proposed water, wastewater and stormwater systems, having consideration of</i> 		<p>It is essential at the Structure Plan stage to understand that appropriate land has been set aside for addressing urban water management and a LWMS is required to demonstrate this.</p>	

PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment												
			infrastructure already existing and identifying any necessary approvals; and - if wastewater re-use is to be undertaken, a wastewater re-use management plan is to be prepared as required by Liveable Neighbourhoods (2007).											
Transport Impact Assessment (TIA) Guidelines https://www.dplh.wa.gov.au/getmedia/91993453-4b65-4667-acb5-4a3e3b84b0fc/GD_Transport_impact_assessment_vol2pdf	Vol 2, section 3	For the purposes of the TIA guidelines, the term ‘structure plan’ is also inclusive of activity centre plans. Structure planning forms a critical stage of the land use planning process. It involves planning at a strategic level, often over large areas, and provides the basis for zoning and subdivision of land. Structure plans can be prepared at a district and local level, and for activity centres. The district structure plan generally addresses the ‘fatal flaws’ for a potential development area and provides for the major structural elements such as major roads, open space, commercial and industrial areas and environmental conditions. A district structure plan may apply to several suburbs or all or part of a town-site, for example, the local structure plan would deal with residential density, subdivisions and the coordination of infrastructure at a neighbourhood level or smaller scale. It is therefore important that the transport aspects, and in particular the land use/ transport integration, are also adequately assessed at this stage in the land use planning process. This assessment should then be used to provide direction in the later, more localised and detailed, planning stages of subdivisions and individual developments												
	10 – details of contents		<table><tr><th>Requirements</th><th>Provided</th><th>Satisfactory format/Comments</th></tr><tr><td>Introduction</td><td>Yes</td><td>Yes</td></tr><tr><td>Proposed internal transport networks Describe, and show on a plan where appropriate, the proposed internal transport networks including:<ul style="list-style-type: none">changes/additions to the existing road network;proposed road hierarchy and speed limits;road reservation widths;road cross-sections (for example, two lane or four lane, but also showing pedestrian, cycling and/or PT facilities);intersection controls;</td><td><ul style="list-style-type: none">YesYesNoNoYesYes</td><td>The TIA shows the majority of the items, however the following information has not been provided and needs to be supplied:<ul style="list-style-type: none">The TIA notes that in the long-term Access B road may link to future residential development to the north and west. Details on the reservation widths and whether this is adequate to cater for future connection need to be modelled and considered as part of the Structure Plan.Cross-section of the Access B road should also be supplied.Concern is raised over the service road which is shown to the west of the site. This service</td></tr></table>	Requirements	Provided	Satisfactory format/Comments	Introduction	Yes	Yes	Proposed internal transport networks Describe, and show on a plan where appropriate, the proposed internal transport networks including: <ul style="list-style-type: none">changes/additions to the existing road network;proposed road hierarchy and speed limits;road reservation widths;road cross-sections (for example, two lane or four lane, but also showing pedestrian, cycling and/or PT facilities);intersection controls;	<ul style="list-style-type: none">YesYesNoNoYesYes	The TIA shows the majority of the items, however the following information has not been provided and needs to be supplied: <ul style="list-style-type: none">The TIA notes that in the long-term Access B road may link to future residential development to the north and west. Details on the reservation widths and whether this is adequate to cater for future connection need to be modelled and considered as part of the Structure Plan.Cross-section of the Access B road should also be supplied.Concern is raised over the service road which is shown to the west of the site. This service		
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PLANNING REVIEW – MATERIAL TO BE SUPPLIED WITH STRUCTURE PLAN

Consideration	Relevant Clause	Officer Comment				
			<ul style="list-style-type: none">pedestrian/cycle networks and crossing facilities, for example, signalised pedestrian crossings;public transport routes;modal priority; andproposed road access strategies.The details of any discussions/agreements with the local authority, Main Roads Western Australia (MRWA) or the Public Transit Authority (PTA) with respect to the above proposals should also be provided. This includes any discussions/agreements with:<ul style="list-style-type: none">the local authority over local road networks and pedestrian and cycle facilities;MRWA regarding intersections with, or direct access onto, roads under their jurisdiction; andPTA/Transperth on new bus services or extensions/alterations to existing bus services to serve the structure plan area, and ensure alignment with Transperth's Service Development Plan.	<ul style="list-style-type: none">YesYesYesIn part	road may not satisfy safety distances given it's interaction with the Cable Beach/Gubinge Road round-about. The proposed development and lot configuration may be inadequate. Update to the layout is required.	

Summary of Further Information – Service Commercial Structure Plan – Lot 3082 Cable Beach Road East

#	Section of Structure Plan	Further Information/Modification Required
1	Structure Plan Map	<p>Structure Plan Map is to be updated to be consistent with Structure Plan Framework 2015 in the following manner:</p> <ol style="list-style-type: none"> Legend to be updated to show proposed zoning; Roads hierarchy as shown in LPS6 to be updated; Footpath network shown on plan; Structure Plan Map should be a figure on its own page rather than an insert, so it can be scaled. Plan No 1 and Figure 1-3 to be updated to show a consistent structure plan boundary. Map to be updated to show that Local Development Plan is to be prepared. Map to show internal road reservation widths. The 'digital data' consistent with the Framework are to be supplied. All figures showing service access discussed in item 8, below, need to be reviewed.
2	New Section – Additional Information	<p>A new section should be inserted in Part 1 in relation to additional information outlining:</p> <ol style="list-style-type: none"> A local development plan will be prepared prior to subdivision and/or development; An Urban Water Management Plan will be prepared prior to subdivision and/or development.
3	3.1.1 – Local Planning Strategy	<p>The Structure Plan under the Strategic Policy section has not addressed section 2.4.7 of the Local Planning Strategy which is the section that provides guidance on Retail, Commercial and Activity Centre distribution around Broome. Given the land use proposed this needs to be addressed in the Structure Plan report.</p>
4	4.3.2 - Flora	<p>The Structure Plan report and technical appendices identified that there are three Department of Parks and Wildlife Priority listed flora taxa, however does not establish how this is to be managed.</p> <p>Structure Plan report should be updated to outline the response to the identified priority flora.</p>
5	Heritage	<p>The Structure Plan currently does not provide any information in relation to heritage. This should be updated in the Structure Plan text as established in the Structure Plan Framework.</p>
6	Technical Appendices – Local Water Management Strategy	<p>Further to SPP 2.9 Water Resources, the Structure Plan Framework, Liveable Neighbourhoods, LPP 5.22 and the Better Urban Water Management Guidelines, a Local Water Management Strategy needs to be provided as a technical appendix to support the Structure Plan.</p>
7	Technical Appendices – Bushfire Management Strategy	<p>A BAL contour map is to be supplied for the whole Structure Plan area demonstrating that the site can achieve a BAL of 29 or less to satisfy SPP 3.7.</p> <p>Clarification is required in the Bushfire Management Plan on the proposed 20m Asset Protection Zone which recommends that all vegetation is removed, however appears to intersect with drainage reserves which are recommended to be vegetated to meet with the Better Urban Water Management principles. Further information is required to demonstrate that suitable separate distances can be maintained.</p>

Summary of Further Information – Service Commercial Structure Plan – Lot 3082 Cable Beach Road East

8	Technical Appendices – Transport Impact Assessment	<p>The TIA notes that in the long-term Access B road may link to future residential development to the north and west. Details on the reservation widths and whether this is adequate to cater for future connection need to be considered as part of the Structure Plan and detailed in the Transport Impact Assessment.</p> <p>Concern is raised over the service road which is shown to the west of the site. This service is unlikely to satisfy safety distances given the interaction with the Cable Beach Road East/Gubinge Road round-about. The proposed development and lot configuration may be inadequate. Update to the layout is likely to be required.</p> <p>Section 2.4: Cable Beach Road East is posted at 60km/hr, not 70km/hr as stated in the Traffic Impact Assessment.</p> <p>Transcore report (Aug 2011) deemed a connection onto Gubinge Rd vital to reduce wait times at the intersection onto CBE. This conflicts with the Traffic Impact Assessment which did not consider this necessary, commentary on change of position should be addressed in the TIA.</p>
9	Technical Clarifications in the Structure Plan report	<p>The following technical clarifications are required to the Structure Plan report:</p> <ul style="list-style-type: none"> a. Section 1.2 - Reference to agenda item in 'May 2017' needs to be updated to 'May 2016'. b. Section 1.5, point 3, the roundabout on Frederick Street and Cable Beach Road East has not been identified as a black-spot. This inconsistency needs to be removed. c. Section 1.5, point 4 - Traffic congestion along Frederick St is due to the inadequacies of the High School car parking and entry, not Frederick St itself, this is supported by District Traffic Modelling. d. Section 2.2.6 of the Structure Plan report identified that the site falls within 25 and 35 Australian Noise Exposure Forecast and outlines that the acoustic contours are not applicable to service commercial uses. Commercial uses are 'conditionally acceptable' within these noise contours, updates are required for consistency with LPS6.

**Schedule 4 — Form of estimate of fees for services for structure plans,
activity centre plans and local development plans**

[r. 48(4)]

[Heading amended: Gazette 25 Aug 2015 p. 3382.]

Task ¹	Estimated hours ²				
	Head of planning	Senior Planner	Planning Officer	Other staff e.g. environmental health officer	Secretary/ administrative officer
1. Preliminaries:					
Preliminary discussions and registration of application	2				
2. Decision to advertise:					
(a) Information and site visit					
(b) Proponent discussion					
(c) Development Control Unit (DCU) meeting					
(d) Action DCU recommendation					
(e) Assessment report and agenda preparation	8	24			
3. Approval to advertise:					
(a) Action local government recommendation					
(b) Advertising, notifications, referrals					4
(c) Deal with enquiries		4			
(d) Assess submissions		8			
(e) Liaise with external agencies		2			
(f) Proponent discussion and liaison		2			
4. Decision to adopt or amend:					
(a) Finalise report and agenda preparation	8	24			
(b) Proponent discussion	2	2			
(c) Action local government recommendation		2			4
5. Plan adopted:					

(a) Refer to Commission for endorsement		2			
(b) Notification and deposit of plan					
Total hours	20	70			8
Hourly rate (r. 48(5))	\$88	\$66	\$36.86	\$36.86	\$30.20
Total hours x rate =	\$1760	\$4620	\$	\$	\$241.60
+ 33.3% (To recover operating overhead costs)	\$586	\$1538.50	\$	\$	\$80.45
= Total salary costs	\$2346	\$6,158.50	\$	\$	\$322.05
Total salary costs b/f (sum of amounts in previous row)			\$8,826.55		
+ Direct costs			\$250 (advertising)		
+ Special costs			\$		
= Estimated total fee			\$9,076.55		

Notes to Form —

1. This form is based on the provisions for the adoption and amendment of structure plans, activity centre plans and local development plans set out in the *Planning and Development (Local Planning Scheme) Regulations 2015*. Item 5 should not be included for local development plans as these are not referred to the Commission.
2. If readvertising of a proposed structure plan, activity centre plan or local development plan or a proposed amendment to one of those plans is required, the hours needed to arrange the readvertising and review the submissions and the direct costs incurred in readvertising the plan or the amendment are to be included in items 3, 4 and 5.

lot 3802 gubinge road broome

opportunities and constraints report

project no. 16-041





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appendix one: proposed site plan and staging – hodge collard preston

appendix two: concept drainage, pad levels and cut / fill plans

appendix three: concept water and wastewater plans

appendix four: 3e consulting engineers pty ltd power and communication servicing report

appendix five: ponce

Revision	Description	Author	Date
2	Additional authority comments added	Clíodhna Doran / David Sidie	29 April 2016
1	Final Issue	Clíodhna Doran / David Sidie	1 April 2016
0	Initial Issue	Clíodhna Doran / David Sidie	10 March 2016





executive summary

The feasibility of developing 7ha of Lot 3082 Gubinge Road for commercial use, fronting onto Cable Beach Road East, is being investigated by Nyamba Buru Yawuru (NBY). This report details the engineering services required for the construction of 5 lots and a drainage easement on the 7ha site. The concept plan proposed by Hodge Collard Preston in September 2014 was used as an indicative site layout for roads and lot locations, and the staging of the development is per concept plan received from NBY on 17th March 2016, both contained in Appendix One. Preliminary costing has assumed construction in three separate stages. These prices can be refined as more detailed staging information becomes available. For planning the following stages and areas were assumed:

- Stage 1 – 2.2 ha Bunnings, service station and car wash + 1.13 ha drainage area
- Stage 2 – 1.92 ha large format retail.
- Stage 3 – 1.75 ha large format retail

The site concept plan will need to be modified to include drainage swales, with associated culverts, and discharge flows established for each lot, as well as for the site as a whole. In order to establish the dimensions of these swales and culverts, a detailed drainage plan for the site will need to be prepared.

Building levels, particularly along Gubinge Road, will need to take into account Gubinge Road flood water heights in a major storm event, and the flood water levels on site once the 33ha is fully developed. There are two culvert crossings under Gubinge Road to the Shire's Basin No. 2 which will influence water levels along the sites western boundary.

The site will need re-zoning from 'Development' prior to construction, and the availability of potable water needs to be discussed with Water Corporation once a likely demand is known.

3E Consulting Engineers Pty Ltd carried out the electrical and communications investigation for this site. Their report is contained in Appendix Four.

A Preliminary Order of Magnitude Cost Estimate was compiled using the existing concept plan, and taking into considerations the items noted below. The costing is contained in Appendix Five.

1 Introduction

Pritchard Francis was asked to carry out an Opportunities and Constraints report, by Nyamba Buru Yawuru, for a 7ha portion of Lot 3082 Gubinge Road, which fronts onto Cable Beach Road East. The intent is to develop this 7ha of land into 5 commercial lots, with access off Cable Beach Road East. The balance of approximately 26ha will be developed to create residential and mixed use lots, once the airport has relocated.

2 Site Conditions

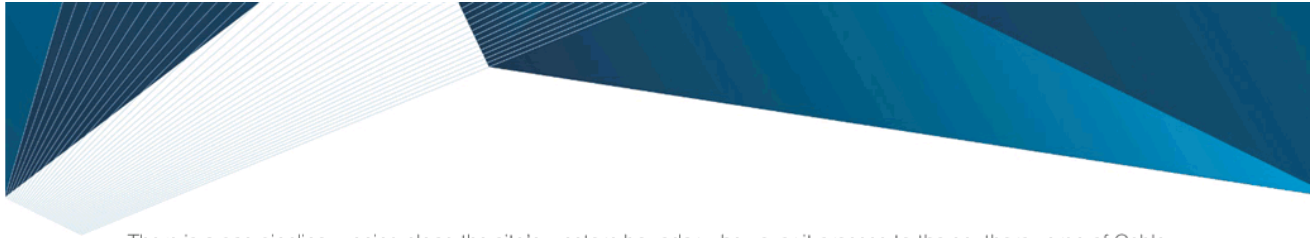
The site is currently undisturbed bush land, gradually grading south west from RL16.50m to RL11.0m. The site is bound on the west by Gubinge Road, south by Cable Beach Road East and to the east by Broome airport and the Kimberley Training Institute.

The flight path to the airport spans over the western portion of the site, which may lead to height restrictions being placed on these sites for lighting and signage, if developed prior to the airport relocation

No geotechnical study was carried out as part of this Opportunities and Constraints report, however a previous report was issued by Galt in February 2011 based on a site investigation conducted in January 2011. The site was deemed to comprise of silty sand pindan material, in line with the Geology series mapping. The site was deemed to be a class 'P' site due to the upper 2m of material present on site being very loose and the collapsible nature of the soil.

Further site investigation and geotechnical input will be required to ensure correct compaction methods, suitable site preparation for large commercial and industrial buildings and pavement construction are specified.





There is a gas pipeline running along the site's western boundary, however it crosses to the southern verge of Cable Beach Road prior to the proposed site entrance, and shouldn't be an issue for construction once properly marked and identified. The gas pipeline owners EDL have been contacted and are looking into any particular constraints that may be in place during design or the construction of a sewer crossing under the gas main.

2.1 Earthworks and Retaining

With the loose nature of the insitu material, compaction and possibly blending will be required to create a suitable pad for building on. Moisture conditioning the material under proposed roads and building pads has been allowed for in the preliminary costing. Retaining walls along the airport boundary have also been allowed for to limit the importation of material to the site, as well as minimise area lost to batters between lots and levels.

Battering between lots will be difficult if the continuous car park layout parallel to the main road is to be adopted; however battering could be incorporated into the initial bulk earthworks to create the lots, with additional earth working required once the site layout and use is known.

Due to the existing material being fine, loose sand, we anticipate a 300mm – 500mm level loss once topsoil and vegetation is cleared, and the material is compacted. To lift up the western lots, it is anticipated that 16,500m³ of imported material is required, a portion of which could be sourced from the 26ha balance of lot.

A detailed flood study for the site will assess the major event flood levels in the proposed drainage area and these will influence final building pad levels. In the concept plan the pad levels have been set at a minimum of 1.1m above the expected maximum flood level of the drainage area.

2.2 Planning

The site has been assigned Development Zoning under the Local Planning Scheme No. 6. To rezone the site, or a part of the site, from Development, a structure plan will need to be drafted, identifying the range of land uses, be it commercial for this 7ha section, mixed use and/or residential. Shire approval of the structure plan prior to applying for planning approval would be advantageous, and minimise delays in the planning approval process.

The proposed road intersection locations from the whole site onto neighbouring roads have been addressed by Transcore in their Technical Note from August 2011. Their report deemed a connection onto Gubinge Road vital to reduce wait times at intersections onto Cable Beach Road East and Djaigween Road. Gubinge Road is a Main Roads (MRWA) road, and MRWA have been contacted to discuss this possible road connection. Their planning has allowed for a future road link to Chinatown once the airport moves, however they were not able to confirm the road alignment and if a link road can be provided to service this site.

3 Infrastructure

3.1 Stormwater Drainage

The site naturally grades west towards the Gubinge Road and Cable Beach Road intersection. The intent is to allow stormwater flow towards a detention basin near the low point culvert under Gubinge Road, allowing the pre-development flow rate discharge to the Shire's drainage system.

As part of establishing the structure plan for the 33ha site, a Local Water Management Strategy will be drafted, detailing the stormwater management for the whole site. As the majority of the site won't be developed until the airport is relocated, discussions will be held with the Shire to investigate an interim drainage plan for this 7ha portion of the site, which will address the likely planning condition of a UWMP and establish flood levels for the site. The top water level for the site has been assumed as 11.2m AHD based on contours and culvert heights. The Shire's Basin No. 2 on the western side of Gubinge Road has a maximum water level of 10.7m in a major storm event, according to the Kellogg Brown & Root drainage study, carried out in October 2008.

A suggested drainage plan is contained in Appendix Two.





3.2 Sewerage Reticulation

Currently there is no gravity sewer throughout the proposed development area. Water Corporation has been consulted for advice relating to the sewerage capacities of the nearby pump station. The pump station is known as Broome pump station number 5, and provides conveyance from the catchment.

Review of Water Corporation planning indicates that it has accounted for the flows from the lot 3082 area in its calculations for the pump stations future requirements. Water Corporation has advised additionally that the incoming reticulation main from the development will be required to be a developer funded DN225 gravity main connecting upstream of the pump station.

Water Corporations advice on this matter can be accessed in Appendix Three.

Based on the land area proposed to be serviced, as set out in the table below, the following flows are expected.

Assumptions:

- Land serviced is as per areas stated.
- Water Corporation standard DS50, Table 4.3 has been used for the below calculated flows.
- Broome classified as above 26th parallel.
- Wet ground conditions have been assumed.
- Site has been classified commercial. Note if classified industrial a higher design flow (approx. 20%) will be expected.
- For the above conditions the SDF (sewer design flow) is 14,700L / ha / day.
- For the above conditions the GSDF (Gross sewer design flow) is 0.255 (L / s / ha).

Stage	Land serviced (ha)	Sewer design flow (L/day) from land serviced	SDF (cumulative contributing stages) (L/day)	GSDF from land serviced (L/s)	GSDF (cumulative contributing stages) (L/s)
1	2.2	32,340	32,340	0.56	0.56
2	1.92	28,224	60,564	0.49	1.05
3	1.75	25,725	86,289	0.45	1.50

Therefore it can be assumed that for all three stages, Wastewater contributions to the Water Corporations sewerage network are a maximum 86,289 L/day, at a GSDF rate of 1.5 L/s from the catchment.

These figures have been conveyed to Water Corporation for final advice of the networks ability to accept the projected flows.

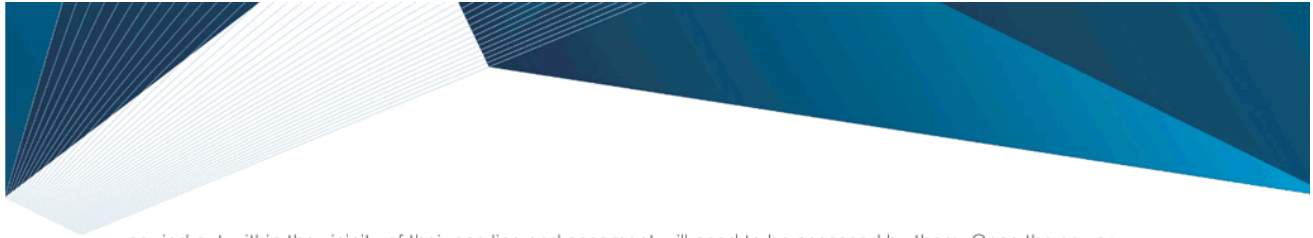
High level sewerage layout has been proposed as per Appendix Three. The internal network should be able to be serviced via gravity network, grading to the south western corner of proposed lots. The network is proposed to be serviced by a combination of DN150 and DN225 pipe. The network will require a DN225 pipe to be fed across Cable Beach East and directed upstream of the pump station number 5. Lot levels will guide sewer grades, and will be required to be determined in detail design.

The proposed network will comprise of approximately;

- 575m DN225 PVC.
- 725m DN150 PVC.
- Likely 6-10 Type 1 manholes, as required.
- Property connections as required.

Connecting the site's wastewater system will require a 225mm sewer main to be extended under Cable Beach Road, and connected into sewer chamber 0299. Among the main items to be addressed when laying a sewer line across a major road is the existing gas main. The gas pipeline owner, EDL NGD (WA) Pty Ltd has stated that any work being





carried out within the vicinity of their gas line and easement will need to be assessed by them. Once the sewer location and depth is being designed, discussion will be held with EDL to discuss the works and to aid any risk mitigations measures required.

3.3 Water Reticulation

For planning and capacity assessment purposes the proposed 5.87 ha usage has been assumed as per the Concept plan proposed by Hodge Collard in January 2015. That being:

- Stage 1 – 2.2 ha Bunnings, service station and car wash (equivalent of 6 commercial connections assumed – 3 for Bunnings). Bunnings has requested a DN150 water supply. Note Bunnings has requested fire / hydrant pressure and flow rating has been requested to be 300kPa and 20 l/s minimum. This is unlikely to be provided under service flow conditions and would require internal booster pumps to be designed in detail design to suit.
- Stage 2 – 1.92 ha Large format retail (equivalent 5 commercial connections assumed).
- Stage 3 – 1.75 ha Large format retail (equivalent 5 commercial connections assumed)

The site is currently fronted by water mains on both Cable Beach Road East and Gubinge Roads. On Gubinge Road there is a DN200 Asbestos Cement (AC) main running parallel to the lot, and on Cable Beach Road East there exists a DN200 AC main, which reduces down to a DN150 AC main about 350m from the Cable Beach / Gubinge Road intersections.

In 2011 (JDSi Consulting Engineers report) advice from Water Corporation indicated that there was insufficient capacity in the supply zone to service the development. It is unknown what water volumes were requested as part of the study. Water is supplied to the zone from the Cable Beach Road tank site which is pumped to the reticulation network in the supply zone. It is understood that capacity increase projects have been undertaken by Water Corporation in the past few years, however a request is with Water Corporation to confirm the capacity of available supply.

Typical commercial consumption data in Broome per connection;

Average Annual 2.1kL/day = 767kL/annum

Average day peak week (ADPW) = 3kL/day

Peak day, Peak week = 3.8kL/day

The below table indicates staging flow requirement calculations. All figures are in kL/day.

Stage	Stage connections	Total connections	Average annual (2.1kL / day / connection)	ADPW (3.0kL / day / connection)	Peak day (3.8kL / day / connection)
1	6	6	12.6	18	22.8
2	5	11	23.1	33	41.8
3	5	16	33.6	48	60.8

The requirement by Bunnings for a DN150 meter will require specific authorisation from Water Corporation, and will involve appropriate backflow prevention devices being installed on this connection. It is likely that should this be accepted by Water Corporation, an additional consideration shall be made in detail design for the pressure available downstream of the meter. This is due to the potential for significant head loss through the backflow prevention device (sometimes up to 100kPa), which will need to be considered in detail design of the internal flow and pressure requirements, it is therefore likely that some boosting may be required, to meet these requirements.

The proposed network layout contained in Appendix Three, accounts for connections in two locations to the Water Corporations service mains. A DN200 main is proposed at these connections and along the main sections, with DN150 looped mains servicing the remainder of the development.





The network will comprise of approximately

- 700m DN200 PVC PN12.5 main.
- 475m DN150 PVC PN12.5 main.
- Valves and appurtenances.

Water Corporation has advised that the development may trigger the need for Water Corporation to bring forward the installation of a new DN200-300 distribution main along Gubinge road and Djaigaween and Jigal roads upstream of the development, which is currently on their capital works program. They have recommended that as the development gets closer to fruition a request be made to further trigger detailed planning and advise whether this upgrade is necessary to meet supply requirements or not.

Water Corporations advice on this matter can be accessed in Appendix Three.

3.4 Local Authority Requirements

The site will require re-zoning from Development and a Structure Plan / Subdivision Plan established, as mentioned above. Once a preliminary site plan is in place, the Shire should be engaged to discuss any issues or concerns at this early stage, to ensure the most appropriate outcome.

Other than the drainage, an item of possible concern for the Shire is the turn-offs to the site from Cable Beach Road East. This road has a speed limit of 70km/hr and the Shire may request road widening to allow overtaking of turning vehicles, or fewer access points onto the road. Road widening and additional line marking for one entrance off Cable Beach Road East has been allowed for in the preliminary costing.

3.5 Electrical Supply and Communications

3E Consulting Engineers Pty Ltd have drafted the Power and Communications portion of the servicing report, which is contained in Appendix Four.





appendices

appendix one:	proposed site plan and staging – hodge collard preston
appendix two:	concept drainage, pad levels and cut / fill plans
appendix three:	concept water and wastewater plans
appendix four:	3e consulting engineers pty ltd power and communication servicing report
appendix five:	pomce





appendix one: proposed site plan and staging – hodge collard preston



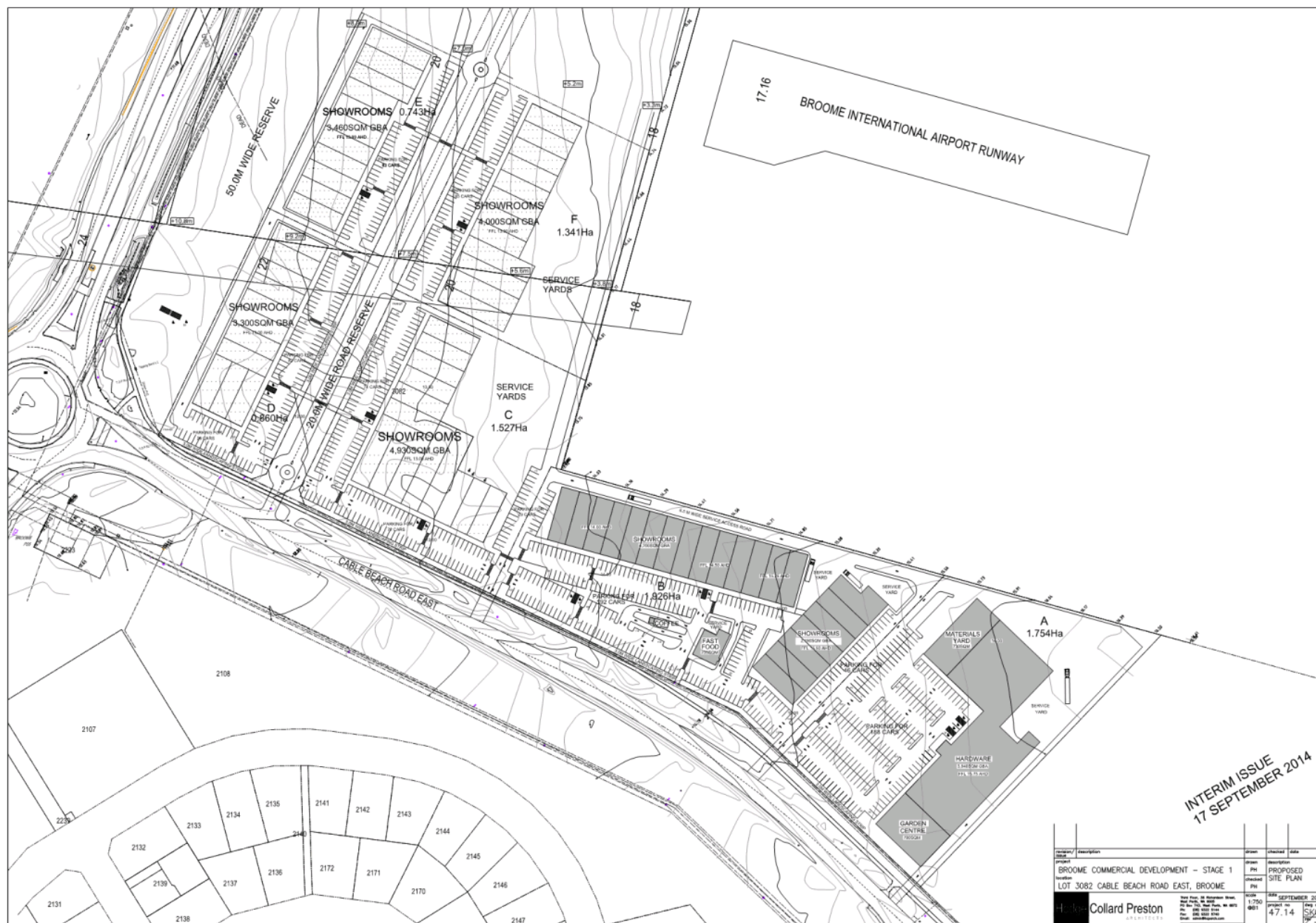
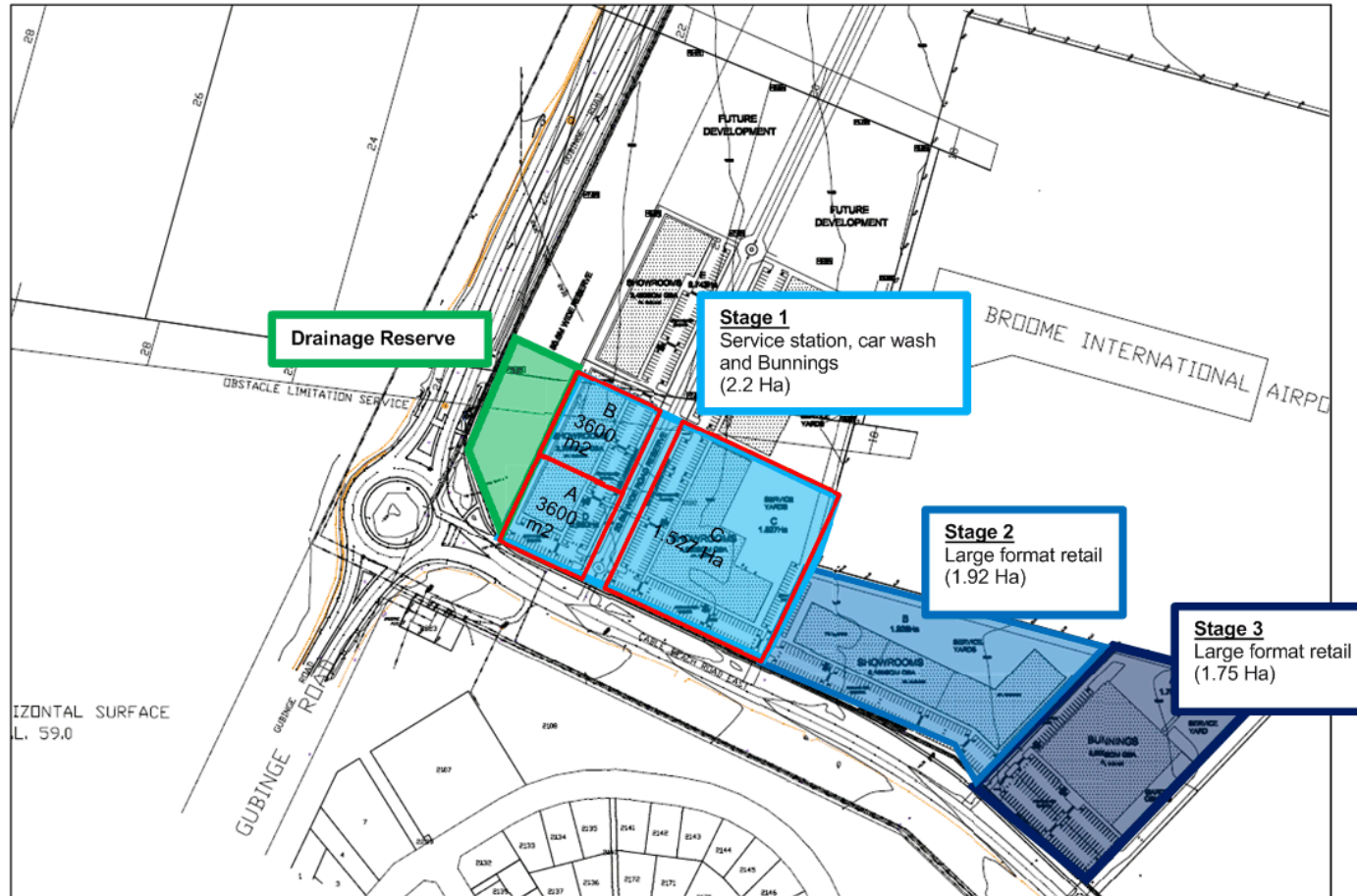


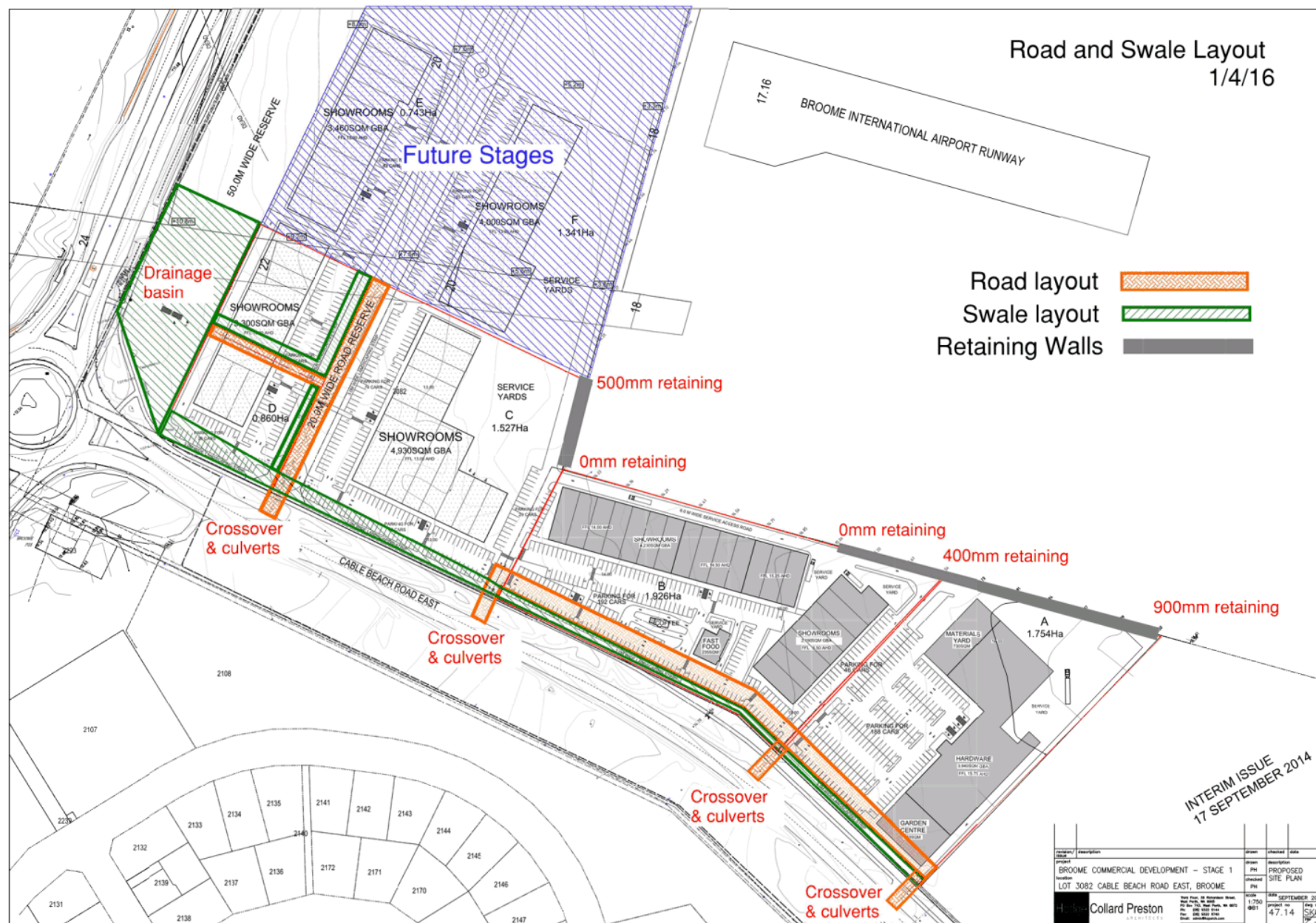
Image 6: Concept Plan by Hodge Collard

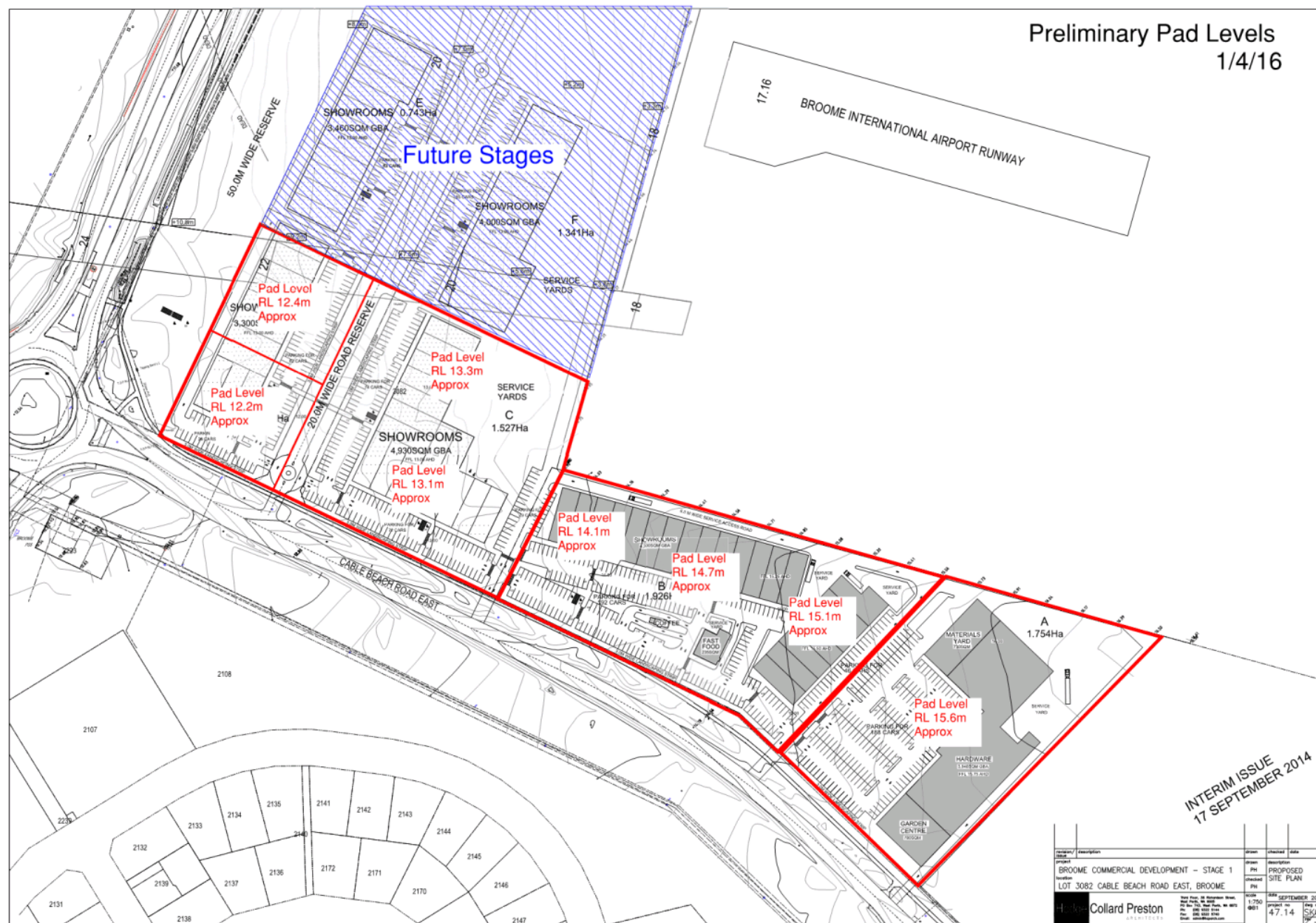


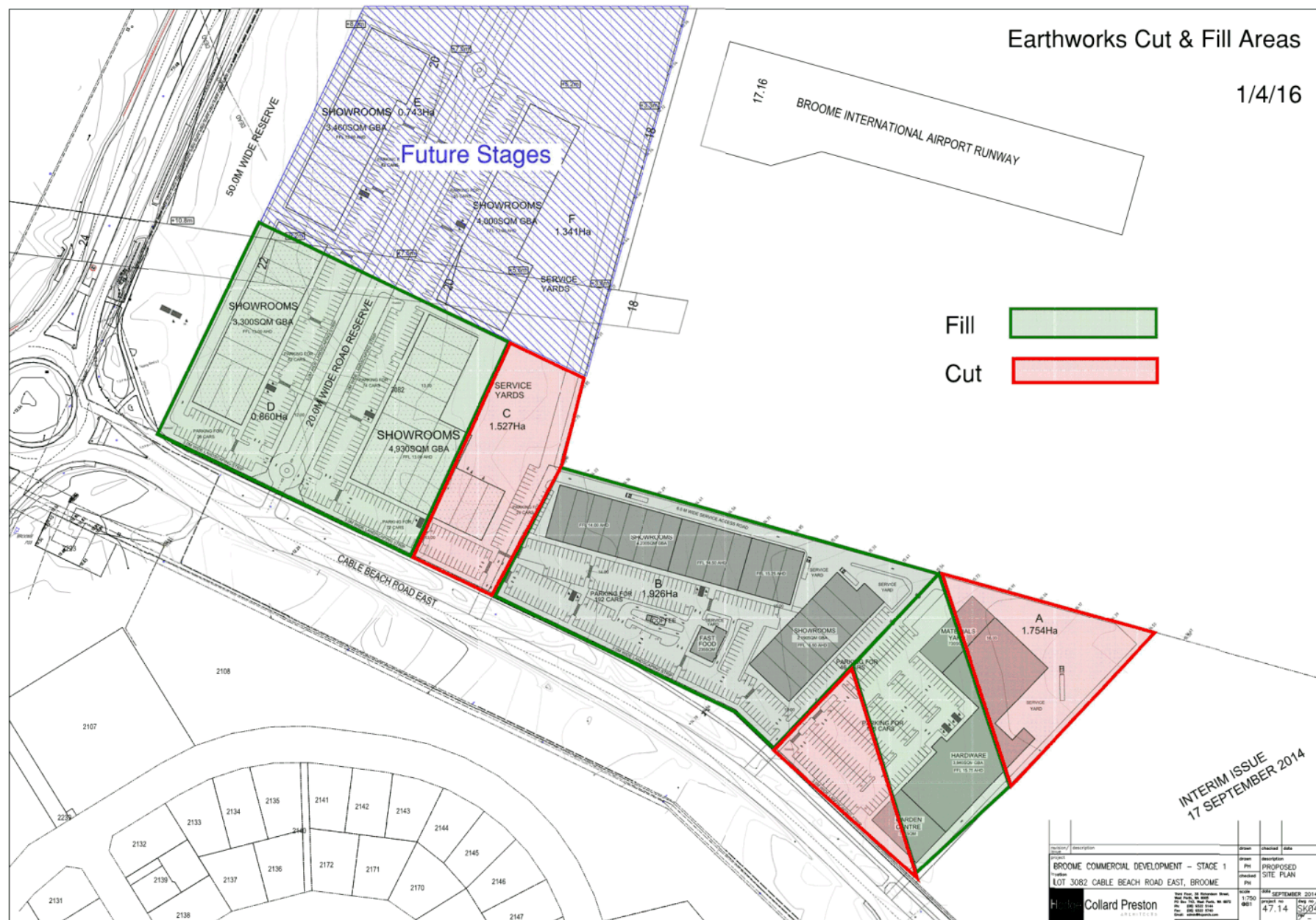


appendix two: concept drainage, pad levels and cut / fill plans





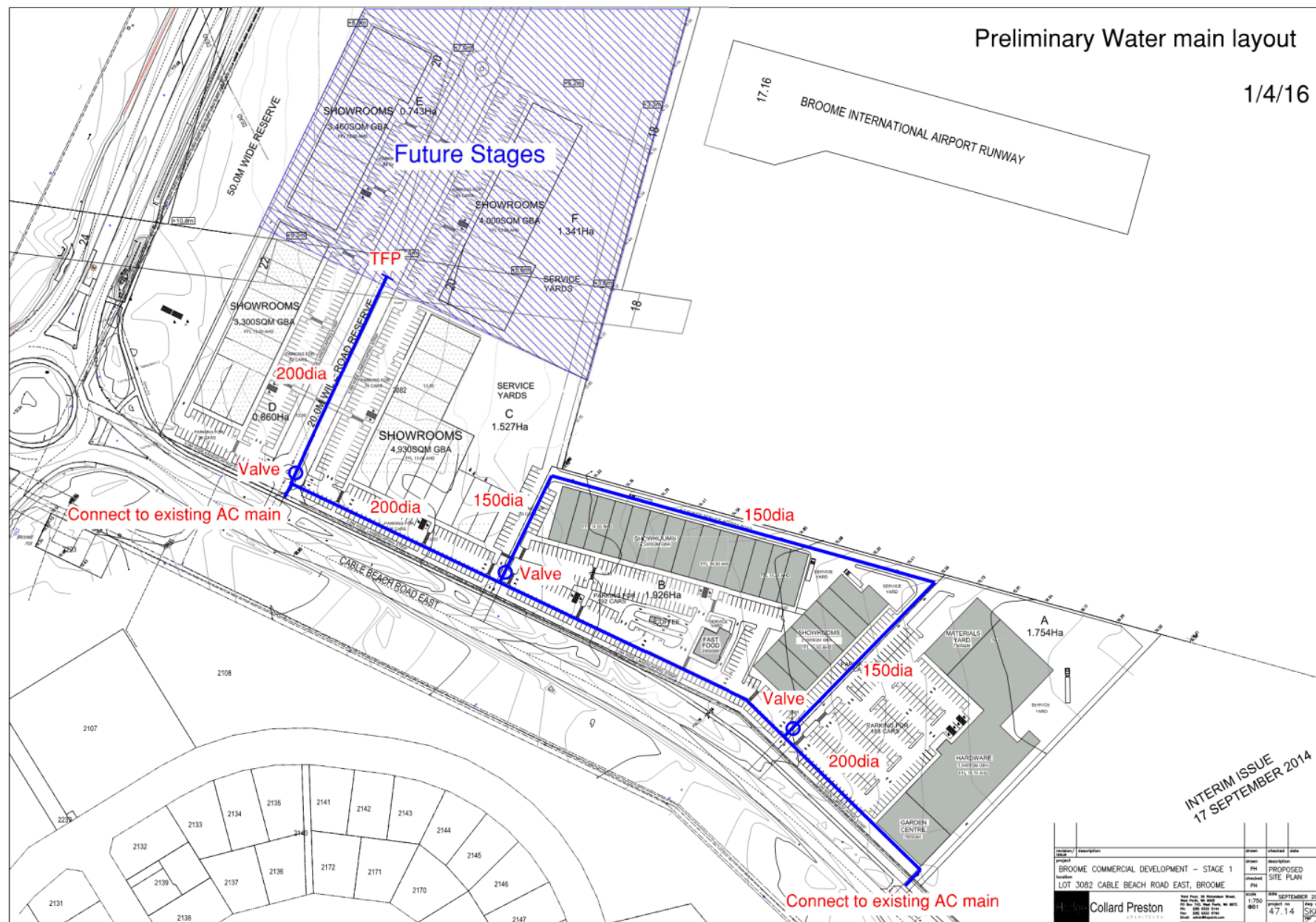


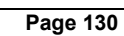




appendix three: concept water and wastewater plans







David Sidie

From: Brett Coombes <Brett.Coombes@watercorporation.com.au>
Sent: Wednesday, 6 April 2016 12:35 PM
To: David Sidie
Subject: FW: [16-041] Lot 3082 Gubinge road, Broome
Attachments: Broome SD Sheet 2.pdf; Broome water planning.PNG

Hi David,

I understand you are chasing some initial advice on water and wastewater planning for this site in Broome. Please see attached excerpts of our planning.

Wastewater outlet for the site will be via developer-funded 225-150 extension off the 225 gravity sewer that presently terminates at the intersection of Murray Rd and Cable Beach Rd, in Cable Beach.

Water supply will be via developer-funded retic. mains extending off the existing network in the Cable Beach scheme. Sizing of required main/s or meter connection will depend on water demands/lot yields and type of development.

Depending on demands/yields, the actual development of this site may trigger the need to bring forward planned capital projects including the installation of a new 200-250-300 distribution main along Gubinge Rd between Djaigween Rd and Jigal Rd.

Regards

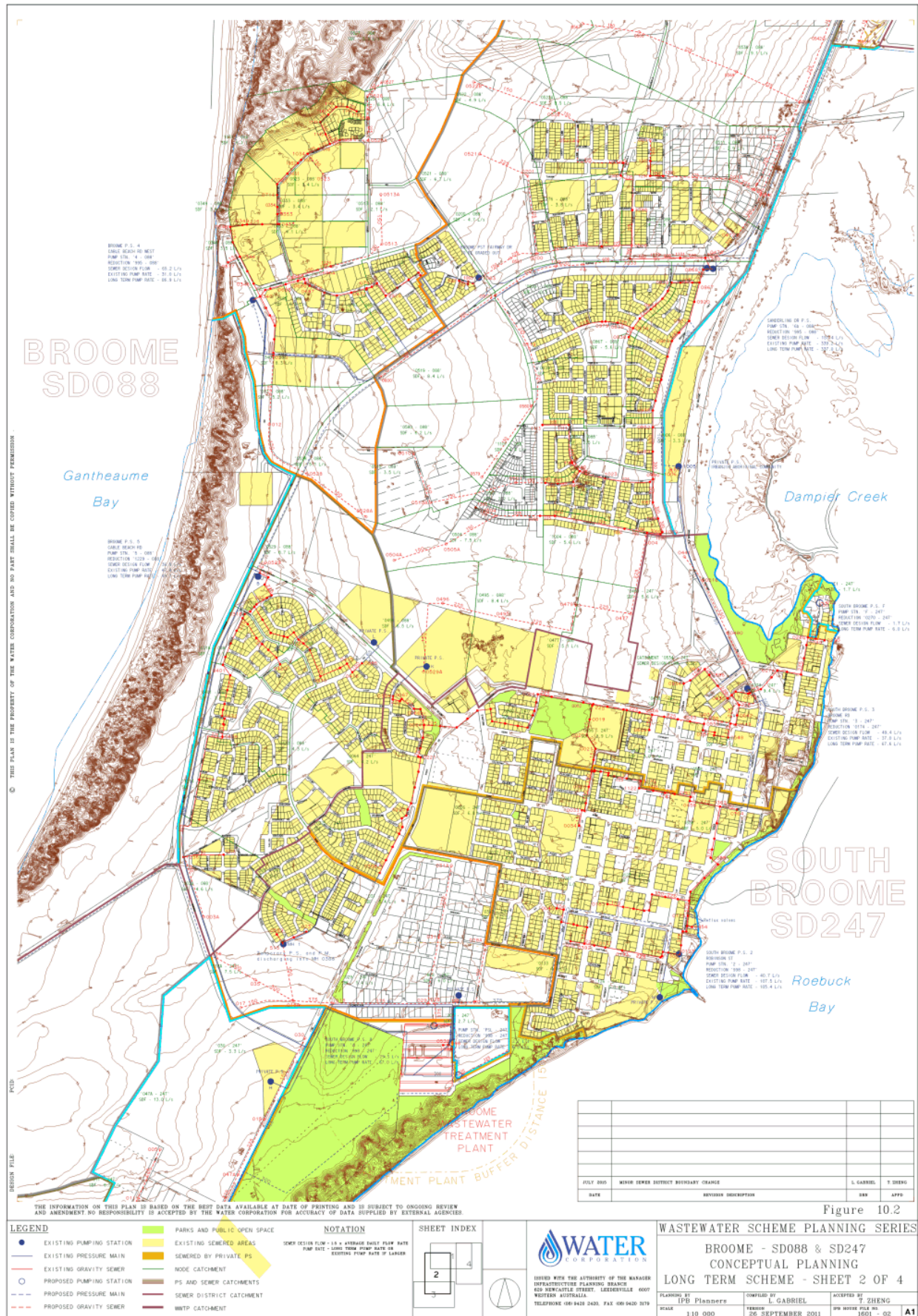
Brett Coombes
Senior Urban Planner
Assets Planning Group
Water Corporation
T: (08) 9420 3165

From: David Stanes
Sent: Wednesday, 6 April 2016 12:16 PM
To: Brett Coombes
Subject: FW: [16-041] Lot 3082 Gubinge road, Broome

Good afternoon Brett
As requested
Regards
David Stanes
Special Projects Headworks Delivery
Development Services Branch
T: (08) 9420 3041

From: David Sidie [<mailto:david.s@pfeng.com.au>]
Sent: Wednesday, 6 April 2016 8:22 AM
To: David Stanes
Cc: Clíodhna Doran
Subject: [16-041] Lot 3082 Gubinge road, Broome

Morning David,







appendix four: 3e consulting
engineers pty ltd
power and
communication
servicing report



Lot 3082 Gubinge Road - Opportunities and Constraints Report

PROJECT:

**LOT 3082 GUBINGE ROAD, BROOME
RETAIL/COMMERCIAL DEVELOPMENT**

SERVICING REPORT FOR:

SITE ELECTRICAL AND COMMUNICATION SERVICES

DOCUMENT NO: **3E16025-R-02**

CIVIL ENGINEERS:

PRITCHARD FRANCIS

DOCUMENT PREPARED BY:

3E Consulting Engineers Pty Ltd

Tel: +61 8 6314 9000

Fax: +61 8 9325 3351

Document History and Status

Revision	Date issued	Author	Reviewed by	Approved by	Revision Description
1	01/04/16	JH & BB	DJ	DJ	For Information

Distribution of copies

Revision	Copy no	Quantity	Issued to
1	Digital PDF	1	PRITCHARD FRANCIS

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SECTION 1 INTRODUCTION

1.1 SCOPE, BASIS OF SERVICING ESTIMATES AND ASSUMPTIONS

We understand that Nyamba Buru Yawuru Ltd is giving consideration to the development of approximately 33Ha of land near the western end of the existing airport, 5 lots (~8Ha) in the short term and the balance of ~25Ha when the airport is relocated in the distant future. This report focuses on the feasibility of servicing 5 proposed lots within Lot 3082 Gubinge Road, Broome for retail/commercial purposes, with a potential yield of approximately 75 tenancies. This report considers development in three stages - 1, 2 and 3 - with development commencing at stage 1 and progressing in numerical order. The estimated floor space and land use within each lot has been taken the Hodge Collard Preston Proposed Development Plan drawing SK04, as well as the updated three stage concept plan. It has been assumed that all 5 lots will be retained by the Developer, none of which would be on sold and that the Developer would build and lease facilities on each site.

This report shall provide information on the existing electrical and communications networks adjacent to the site, including estimations of their capacity. It shall provide estimates of the power load and communication service demand required for the proposed development. It shall then provide analysis of the effects of the proposed development on the networks, in terms of capacity and any new infrastructure that may be required. Lastly, it will provide order of cost estimates for the required works.

Ballpark costs are provided for the development of the balance lot.

Since the development would be affected by existing Telstra network crossing the site, relocation of these assets may be required as part of the development proposal.

SECTION 2 ELECTRICAL SERVICES

2.1 EXISTING POWER DISTRIBUTION NETWORK

The existing Horizon Power (HP) distribution infrastructure in the vicinity of the site comprises an 11kV three phase aerial and underground High Voltage network. A HV aerial circuit sits on the eastern verge of Gubinge Rd, running north-south adjacent to the site. The network transfers to underground in the vicinity of the Cable Beach Rd East and Gubinge rd roundabout. The network then runs overhead along the southern verge of Cable Beach rd East, running east-west past the site. There appears to be a small pole top transformer on one of the poles adjacent to the site on Gubinge Rd. There are some road lighting poles and associated underground cables in the vicinity also.

No information is available on the capacity of the HV network, nor the Broome gas power station that supplies the network. More information on this capacity could be obtained from Horizon Power via formal application.

2.2 LIKELY LOAD

Gubinge & Cable Beach Road, East Broome
Retail/Commercial Development

Electrical and Communications Servicing Report

STAGE 1

The proposed development site plan shows five sites. The three sites in stage 1 consist of a service station, car wash and a Hardware store (Bunnings). The single lots that make up stages 2 and 3 respectively are both planned to consist of retail showrooms. It is assumed that the showrooms will be air-conditioned. Allocating the appropriate AS3000 load allocations produces loads per stage of:

- Stage 1 – 400kVA
- Stage 2 – 750kVA
- Stage 3 – 700kVA

Producing a total site load of approximately 1.85MVA.

Note that if the site were to be supplied at Horizon Power's standard 200kVA/Ha allocation, the total load of the site will be in the order of 1.5MVA. This is the minimum allocation required to achieve clearance of the WAPC conditions to create the new lots.

BALANCE LOT FUTURE DEVELOPMENT

Based on the estimated yield of the balance lot, the estimated order of the load is 2MVA, using Horizon Power's standard ADMD values of 6kVA per residential lot and 200kVA/Ha for commercial lots.

2.3 LIKELY POWER SUPPLY SCENARIO

2.3.1 SITE SUPPLY INFRASTRUCTURE

STAGE 1

HP requires that all new developments are to be serviced by underground three phase power. To fulfil this, a new Horizon Power owned HV network will need to be installed. This shall consist of strategically located HV Switchgear units, connected by new an underground HV cable network. The Switchgear units will supply a transformer located on each lot. Each lot will require a direct connection to a transformer, given the significant load requirements of each. The new underground HV cable network will connect to the existing HV network, likely at two points on Cable Beach rd East.

BALANCE LOT FUTURE DEVELOPMENT

Similarly to the stage 1 development, new HP infrastructure will need be to be installed to service the lots created under the development of the balance lot. The network will consist of approximately four new substations and significant LV cabling to supply each lot with a LV pillar connection.

2.3.2 RELOCATION OF EXISTING ASSETS

The existing street light poles may need to be relocated to suit the layout of the proposed development. If this is the case, a lighting design will be required, to the approval of the Local Government Authority, to show suitable new locations of the light poles. The relocation works can be included in the supply application to HP.

Gubinge & Cable Beach Road, East Broome
Retail/Commercial Development

Electrical and Communications Servicing Report

2.3.3 INTERNAL ELECTRICAL INFRASTRUCTURE

All internal reticulation will be private and installed to HP WADCM, WAER and AS3000 requirements.

The internal infrastructure will likely consist of a Site Main Switchboard containing a CT meter for the whole site, located adjacent to the HP transformer. This Switchboard will supply power to the buildings and all external services within each lot.

2.3.4 HEADWORKS

As the load of the site is significant, it's plausible that headworks costs may apply for any network augmentation required to provide the required supply. Horizon Power policy states that developers are required to cover the costs of any headworks required.

As no information is available on the capacity of the existing network, the likelihood of headworks being required is not known. Also, the costs for the headworks are also not known. Therefore, it is highly recommended that an application be submitted to Horizon Power to determine the need for headworks, and the related costs.

2.4 POWER SUPPLY TIMELINES

Horizon Power will neither reserve capacity nor guarantee supply to this development without a formal request being lodged. A Connection Application must be prepared and submitted to Horizon Power for the design and construction of the proposed development to commence.

From the date of DIP request submission DIP is typically provided between eight to twelve weeks. Soon after, a design can be lodged with HP for conformance and quoting. From the date of the design being lodged with HP, the design acceptance and works quote is typically provided within eight to twelve weeks. Once the quote is paid, typically within two to four weeks a Construction QA Manager is appointed and the pre-start meeting can occur. Once the pre-start is complete, construction can commence.

SECTION 3 COMMUNICATION SERVICES

3.1 EXISTING NETWORK

3.1.1 TELSTRA ASSETS

Communications to the area is currently provided by Telstra, from its exchange located approximately 2.8Km route length to the east of the development, on the corner of Hamersley and Barker Sts – see attached PDF. Conduit capacity along Cable Beach Rd East is of sufficient capacity to service the proposed development.

Currently, Telstra provide broadband via ADSL 2+ to the area and users could expect broadband speeds up to 10 Mbps downstream and 0.5 Mbps upstream.

Telstra's 4GX mobile network offers download speeds within the 2 and 75 Mbps range – see attached coverage map.

Gubinge & Cable Beach Road, East Broome
Retail/Commercial Development

Electrical and Communications Servicing Report

3.1.2 NBN Co ASSETS

Currently NBN Co have no fibre assets nearby or Fixed Wireless coverage of the proposed development.

3.2 PROPOSED COMMUNICATIONS SERVICES

3.2.1 PROPOSED TELSTRA COMMUNICATIONS

Under Federal government telecommunications policy, Telstra are Infrastructure Provider of Last Resort (IPOLR) for < 100 lots development and NBN Co for > 100 lots developments, however given the timing of the NBN Co Brownfields Rollout in Broome it is unlikely that Telstra would accept responsibility for the provision infrastructure. However, if Telstra did accept responsibility, the Developer would be responsible for the cost of pit, pipe and infrastructure (cable). Since Telstra charge on a full cost recovery basis, Developers could generally expect to pay more for Telstra infrastructure than for equivalent NBN Co infrastructure.

Telstra also have a Universal Service Obligation to provide a standard telephone service to all Australians. That obligation would be fulfilled on Telstra's own network, prior the Brownfields Rollout occurring.

Within 18 months of the NBN Co Brownfields Rollout in June 2017 all Telstra voice and broadband services must be disconnected. Whilst this won't affect the development in particular, it's worth noting that all surrounding areas will have access to high speed broadband services after the Rollout.

Telstra's mobile network is likely to be continually upgraded.

Under the Definitive Agreement with NBN Co, Telstra must use the NBN Co fixed line network to premises after the Brownfields Rollout, except for the provision of fibre based point to point services, where Telstra have the Right of First Refusal.

3.2.2 PROPOSED NBN COMMUNICATIONS

We would expect this development to fall within the NBN Co's fixed line footprint. Furthermore, NBN Co are likely to accept this project for infrastructure, given the size of the development and the fact that their Brownfields Rollout to this area should be ready for service around June 2017. NBN Co are generally providing Fibre to the Premises (FTTP) to new developments. Developers are responsible for installation cost of pit, pipe and infrastructure (cable) to new developments. Due to NBN Co infrastructure charges that are now applicable, there are substantial cost advantages in developing as super lots and on selling.

Retail Services Providers (RSP's) delivering service on the NBN Co wholesale network would be able to provide broadband with typical downstream/upstream speeds of 100/40 Mbps and download allowances of up to 1000GB per month. NBN Co plans to provide a 1 Gbps Business offerings, both asymmetric and symmetric, with 24/7 service restoration within 6 and 4 hours, are not expected to be released prior to 2018.

3.3 PROPOSED COMMUNICATIONS RELOCATIONS

Gubinge & Cable Beach Road, East Broome
Retail/Commercial Development

Electrical and Communications Servicing Report

3.3.1 Proposed Telstra Relocation

An existing Telstra 70 pair direct buried cable, is currently located on the 7 ha development site and would normally require relocation. However, it would appear that the cable is currently not in service and it is possible that Telstra would give consideration to abandoning the cable. If not, we have made provision for the relocation of the cable – see cost estimate below and Telstra DBYD network plan attached. The relocation of the Telstra cable or agreement to abandon would need to occur before stages 1 or 2 could proceed.

Gubinge & Cable Beach Road, East Broome
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Electrical and Communications Servicing Report

SECTION 4 BUDGET ESTIMATES

4.1 ELECTRICAL SERVICES

Our very early pre-design, pre-DIP/pre-feasibility study order of probable cost estimates for the electrical services are as follows:

Component	Cost
STAGE 1 - DEVELOPMENT OF 5 LOTS	
STAGE 1-1 EXTERNAL WORKS	
New HV Network	\$400k
New LV Network & street lighting	\$100k
Horizon Power Charges (Inc Gifted Asset Charge)	\$200k
STAGE 1-1 TOTAL OPC	\$700k
STAGE 1-2 EXTERNAL WORKS	
New HV Network	\$220k
New LV Network & street lighting	\$25k
Horizon Power Charges (Inc Gifted Asset Charge)	\$130k
STAGE 1-2 TOTAL OPC	\$375k
STAGE 1-3 EXTERNAL WORKS	
New HV Network	\$180k
New LV Network & street lighting	\$25k
Horizon Power Charges (Inc Gifted Asset Charge)	\$120k
STAGE 1-3 TOTAL OPC	\$325k
STAGE 1 GRAND TOTAL OPC	\$1,400k
DEVELOPMENT OF BALANCE LOT	
BALANCE LOT FUTURE EXTERNAL WORKS	
New HV Network	\$800k
New LV Network & street lighting	\$1,400k
Horizon Power Charges (Inc Gifted Asset Charge)	\$700k
BALANCE LOT GRAND TOTAL OPC	\$2,900k

Gubinge & Cable Beach Road, East Broome
Retail/Commercial Development

Electrical and Communications Servicing Report

4.2 COMMUNICATION SERVICES

The cost for pit and pipe design and construction would be of the order indicated below:

Component	Cost
STAGE 1 - DEVELOPMENT OF 5 LOTS/75 TENANCIES	
HEAD WORKS - STAGE 1	
NBN Co Backhaul Charges	\$20k
Telstra Relocation	\$50k
STAGE 1 HEADWORKS TOTAL	\$70k
SUBDIVISION WORKS – STAGE 1-1	
New Pit & Pipe	\$130k
NBN Co Deployment Charge - 49 tenancies	\$20k
STAGE 1-1 TOTAL OPC	\$150k
SUBDIVISION WORKS – STAGE 1-2	
New Pit & Pipe	See stage 1-1
NBN Co Deployment Charge - 23 tenancies	\$10k
STAGE 1-2 TOTAL OPC	\$10k
SUBDIVISION WORKS – STAGE 1-3	
New Pit & Pipe	See stage 1-1
NBN Co Deployment Charge - 3 tenancies	\$2k
STAGE 1-3 TOTAL OPC	\$2k
STAGE 1 GRAND TOTAL OPC	~\$230k
DEVELOPMENT OF BALANCE LOT/125 RETAIL TENANCIES AND 42 RESIDENTIAL LOTS	
SUBDIVISION WORKS – BALANCE LOT	
New Pit & Pipe	\$295k
NBN Co Deployment Charge – 125 retail tenancies	\$50k
NBN Co Deployment Charge – 42 residential lots	\$25k
BALANCE LOT GRAND TOTAL OPC	\$370k

Gubinge & Cable Beach Road, East Broome
Retail/Commercial Development

Electrical and Communications Servicing Report

4.3 QUALIFICATIONS AND EXCLUSIONS

All cost in today's dollars, all design costs and GST excluded.

Ballpark cost estimates have been prepared for the 26 hectare balance lot on the following basis:

- 45% net developable land (25% road, 30% POS/Drainage)
- 700m²/lot for both residential and retail gross rental area
- Approximate yield of 167 lots (42 residential and 125 retail)

4.3.1 ELECTRICAL SERVICES COST ASSUMPTIONS AND EXCLUSIONS

This order of probable cost estimate covers external works up to the Horizon Power supply point only, and excludes all costs associated with the privately owned electrical infrastructure, internal to the lots.

For the external works, the cost estimate excludes trenching, backfill, decorative street lighting, design fees and HV headworks. More certainty with respect to Horizon Power capacity, implications and costs could readily be determined by the application to and provision of a Design Information Package or Feasibility Study from HP.

More detailed cost estimates can be created for each stage once detailed design is complete.

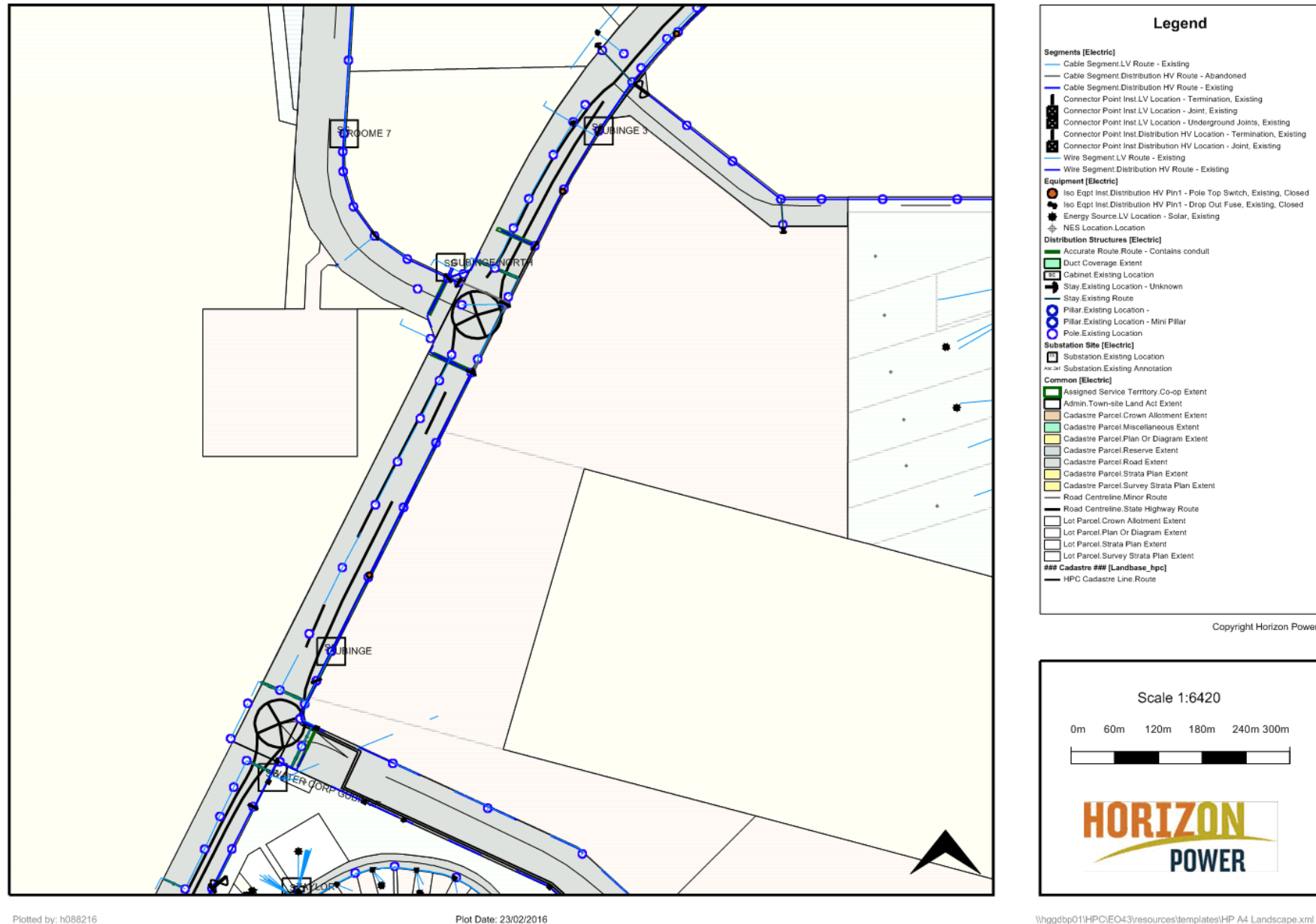
4.3.2 COMMUNICATION SERVICES COST ASSUMPTIONS AND EXCLUSIONS

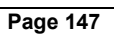
- Common Trench provided by Developer on internal and external road verges
- Existing Telstra pit and pipe can be utilised for hauling copper or fibre cable back to Broome Exchange
- Communications Equipment Room or equivalent be provided in the building for fibre distribution equipment
- Does not include the cost of Communications Equipment Room, internal building cable access pathways, internal building cabling nor terminating equipment
- Does not include NBN Co connection charges of \$300/tenancy
- We understand that NBN Co Backhaul Charges would only be applicable to the first stage, stage 1 and subsequent stages would not attract any Backhaul Charge. Note that NBN Co Backhaul Charges are payable in 3 progress payments over a 3 year period
- NBN Co Deployment Charges are payable in two equal progress payments, at Pit & Pipe Design Acceptance and Practical Completion

Gubinge & Cable Beach Road, East Broome
Retail/Commercial Development

Electrical and Communications Servicing Report

APPENDIX







appendix five: pomce



Lot 3082 Gubinge Road - Opportunities and Constraints Report



preliminary order-of-magnitude cost estimate
overall summary

Project: Lot 3082 Gubinge Road
Client: NBY
Project No: 16-041
Revision: C
Sender: CJD
Date: 29-Apr-16
Based on Site Plan SKD4, Sept 2014 and staging plan 17/3/16

Cost Summary	Comment	Stage 1	Stage 2	Stage 3	Total
A Construction Costs					
1 General/Provisionals	Note 3	\$189,900	\$142,000	\$142,000	\$473,900
2 Earthworks	Note 13, 14	\$650,000	\$406,080	\$309,555	\$1,467,155
3 Retaining walls		\$1,605	\$2,340	\$7,030	\$10,985
4 Roadworks - Internal		\$531,268	\$245,631	\$278,375	\$1,265,475
5 Sewer Relocation	Note 8, 9, 12	\$169,000	\$111,600	\$64,900	\$345,700
6 Water Relocation	Note 19	\$51,690	\$95,200	\$29,900	\$176,790
7 Stormwater Drainage	Note 20	\$317,300	\$157,250	\$108,750	\$583,300
8 Underground Power	Note 27	\$500,000	\$245,000	\$215,000	\$960,000
9 Communications	Note 27, 28	\$150,000	\$10,000	\$2,000	\$162,000
10 Contingency - 10%		\$265,096	\$156,640	\$114,750	\$536,486
Sub Total - Construction Costs		\$2,916,067	\$1,723,041	\$1,282,248	\$5,901,546
B External Works					
11 Road Upgrade - widening, lines and signs	Note 15, 16, 17	\$40,000			\$40,000
12 Intersection Upgrade	Note 15, 16, 17	\$110,000	\$110,000	\$110,000	\$330,000
13 Sewer Extension	Note 18, 19	\$0	\$0	\$0	\$0
14 Telstra Relocation		\$50,000	\$0	\$0	\$50,000
Sub Total - External Works		\$200,000	\$110,000	\$110,000	\$420,000
C Headworks/Authority Costs					
15 Water Corporation - Sewer		\$4,089	\$1,263	\$1,263	\$6,615
16 Water Corporation - Water		\$12,192	\$4,064	\$4,064	\$20,320
17 LGA Drainage Headworks		\$2,400	\$800	\$800	\$4,000
18 LGA Drawing Approval Fee		\$348	\$116	\$116	\$580
19 Horizon Power Charges, incl. Gifted Asset Tax		\$200,000	\$130,000	\$120,000	\$450,000
20 LGA Supervision Fees	Note 22	\$13,478	\$7,546	\$5,807	\$26,832
21 NBN Backhaul Charges		\$20,000	\$0	\$0	\$20,000
Sub Total - Headworks/Authority Costs		\$252,507	\$143,889	\$132,160	\$528,547
D Professional Fees					
22 Provisional - Engineering Concept Planning	Note 23	\$30,000	\$0	\$0	\$30,000
23 Engineering Preliminary Design	Note 24	\$29,160.57	\$17,230.41	\$12,622.48	\$69,013.5
24 Engineering Detail Design	Note 25	\$87,481.71	\$51,691.23	\$37,867.43	\$177,040.5
25 Engineering Contract, sts, admin, defects	Note 26	\$64,153.26	\$37,905.90	\$27,789.45	\$129,855.5
26 Surveyor		\$5,000	\$2,800	\$1,000	\$8,800
27 Geotechnical, including soil design and sign off		\$35,000	\$15,000	\$15,000	\$65,000
28 Environmental, including Drainage Plans		\$25,000	\$0	\$0	\$25,000
Sub Total - Professional Fees		\$275,796	\$124,329	\$94,259	\$494,385
Total (ex GST)		\$3,644,360.13	\$2,101,258.86	\$1,598,857.01	\$7,344,276.00
GST - 10%		\$340,533.11	\$196,491.59	\$147,231.40	\$684,256.10
Total (inc Contingency & GST)		\$3,984,893.24	\$2,297,750.45	\$1,745,888.41	\$8,028,532.10

Notes

- Costing based on Proposed Site Plan by Hodge Colard Preston Sept 14 and staging plan received from NBY on 17/3/16
- Costing to be read in conjunction with the Opportunities and Constraints Report - Mar 2016, and these explanatory notes
- All costs based on development of 7ha in three stage and standard anticipated construction methods
- Costing based on assumed WAPC approval
- Costing valid for 3 months from issuing
- No allowance has been made for contaminated soils, or treatment of acid sulphate soils on site
- No allowance has been made for landscaping
- Roads have been priced as 8m wide asphalted, semi-mountable kerbed roads. No brick paving has been allowed for in the pricing. In Stage 1 220m of road reserve has been allowed for. 170m of road has been allowed for in Stage 2 and 110m of road allowed for in Stage 3
- No allowance has been made for footpaths within the development
- No allowance has been made for project management fees, planning fees, marketing fees or selling costs
- Fencing has not been included in the costing
- Pavement design is yet to be finalised. For costing a design based on similar construction was assumed
- The price assumes 16,500m³ fill imported to the site based on compaction of existing material and filling of western lots.
- Moisture conditioning under roads and building pads has been allowed for
- Three turn off from Cable Beach Road East have been allowed for, as well as traffic management, road widening by one turn-off, and inroad marking
- No allowance has been made for realigning current street lights along Cable Beach Road East
- No allowance has been made for reshaping Shire drainage swales along Cable Beach Road East
- No allowance has been made for Wastewater pump station upgrades or developer contributions to the WWFS
- Boring the sewer under the road has been assumed, and construction costs associated with bringing the sewer to the WWFS have been included in the sewer relocation price
- The site drainage assumes three major drainage swales and a controlled outlet to the Shire's Basin No. 2. Further investigation is required to assess allowable discharge from the site and flood levels
- Water pressure and available capacity to be established with Water Corporation when demand is known. No allowance has been made for upgrading the water mains around the site
- Shire supervision fees are 1.5% of roadwork and drainage construction costs
- A provisional fee for concept planning has been allowed for which includes engineering input to concept plans and planning requirements in the early stages
- Preliminary engineering design for the 7ha site has been priced at 1% of construction costs
- Detailed engineering design for the 7ha site has been priced at 3% of construction costs
- Construction contract management, site superintendent and defects for the 7ha site has been priced at 2.2% of construction costs
- Costs come from JE Consultants report
- NBN Co pit and pipe costs for Stages 2 and 3 are included in Stage 1 costs, as service has to be laid past these stages to service Stage 1 initially. Finished road verge levels required as part of Stage 1 design to lay service at correct depth



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Report on
GEOTECHNICAL STUDY
PROPOSED SUBDIVISION
LOT 3082 GUBINGE RD
BROOME

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FIGURES

Figure 1: Location Plan

Figure 2: Site Plan

APPENDICES

APPENDIX A

Site Photographs

APPENDIX B

Test Pit Reports

APPENDIX C

Laboratory Test Results

APPENDIX D

Permeability Test Results

APPENDIX E

Understanding Your Geotechnical Engineering Report

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1. INTRODUCTION

This report presents the results of Galt Geotechnics Pty Ltd's (Galt's) geotechnical study for the proposed light commercial/industrial and residential subdivision of Lot 3082 Gubinge Rd, Broome. The location of the site relative to the surrounding area is shown on Figure 1, Location Plan. The investigation was authorised in a Client Authorisation form signed by Mr Wesley Folitarik of MacroPlan Australia on behalf of Nyamba Buru Yawuru Ltd on 7th December 2010.

2. SITE DESCRIPTION AND PROPOSED DEVELOPMENT

The site forms a 'C' shape around the western end of the Broome Airport runway and is bounded by Cable Beach East Rd, Gubinge Rd and Djiagween Rd. It covers a plan area of approximately 33ha.

The site is densely vegetated by shrub and numerous trees ranging from 2 m to 6 m in height. There is a track around the eastern perimeter and there are several tracks across it.

We have not been provided with any development plans, however we understand that the development of the site is to comprise a commercial or light industrial subdivision with an area of residential subdivision in the north. We expect that the structures will generally be one or two storeys and steel framed with steel or masonry cladding. The recommendations contained herein do not apply to large or heavy structures.

3. OBJECTIVES

The objectives of the study are to:

- ✦ report subsurface conditions, including groundwater levels, number of test holes, etc;
- ✦ discuss any geotechnical issues as identified during the site investigation that will impact on the proposed development;
- ✦ assess the general soil profile to a minimum depth of 3 m;
- ✦ assess the near-surface soil permeability;
- ✦ undertake basic testing of materials to assess suitability for residential construction, roadworks and installation of services, drainage, etc;
- ✦ assess the site classification in accordance with AS2870 and what would be required to improve the site classification (if required);
- ✦ provide site preparation and compaction requirements;
- ✦ recommend a bulking factor to achieve soil densities of 90% and 95% of maximum modified dry density (MMDD);
- ✦ provide an effective soil friction angle;
- ✦ provide an acid sulfate soil (ASS) desktop study; and
- ✦ investigate the site for potential collapsible soils and, if present, provide recommendations for stabilisation measures.

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4. FIELDWORK

The fieldwork was carried out on 10 and 11 January 2011 and comprised:

- ✦ Excavation and logging of test pits at 32 locations, extending to a depth of 3 m, shallower refusal or sidewall collapse
- ✦ collection of representative samples for inspection and possible laboratory testing;
- ✦ dynamic cone penetrometer testing at each test pit location; and
- ✦ permeability testing using the 'inverse auger hole' technique at three locations, at a depth of approximately 0.5m below ground

The test locations are shown on Figure 2. Test locations were located using a hand held GPS accurate to about 5 m in the horizontal plane. Site photographs are included in Appendix A.

Test Pits

The test pits were excavated using a CAT428CI tractor mounted backhoe fitted with a 600 mm wide toothed bucket supplied and operated by Dom Della Construction. Details of the test pits are presented in Table 1: Summary of Test Pits. Test pit reports along with sheets providing explanatory notes, the methods of soil description and cementation classification used on the reports are presented in Appendix B.

Table 1: Summary of Test Pits

Test Name	Test Depth (m)	Reason for Termination	Comments
TP01	3	Target Depth	Silty Sand, Sidewall Collapse to 1.5m
TP02	3	Target Depth	Silty Sand, Sidewall Collapse to 3.0m
TP03	2.8	Target Depth	Silty Sand, Sidewall Collapse to 2.8m
TP04	3.1	Target Depth	Silty Sand, Sidewall Collapse to 1.8m
TP05	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.9m
TP06	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.5m
TP07	2.9	Target Depth	Silty Sand, Sidewall Collapse to 1.5m
TP08	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.9m
TP09	3	Target Depth	Silty Sand, Sidewall Collapse to 3.0m
TP10	3	Target Depth	Silty Sand, Sidewall Collapse to 3.0m
TP11	3	Target Depth	Silty Sand, Sidewall Collapse to 1.3m
TP12	3	Target Depth	Silty Sand, Sidewall Collapse to 2.0m
TP13	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.9m
TP14	3	Target Depth	Silty Sand, Sidewall Collapse to 2.5m
TP15	3.3	Target Depth	Silty Sand, Sidewall Collapse to 1.5m
TP16	2.8	Target Depth	Silty Sand, Sidewall Collapse to 1.4m
TP17	3.1	Target Depth	Silty Sand, Sidewall Collapse to 1.2m
TP18			Not excavated due to proximity to buried gas pipeline
TP19	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.0m
TP20	3	Target Depth	Silty Sand, Sidewall unstable
TP21	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.0m
TP22	2.8	Target Depth	Silty Sand, Sidewall Collapse to 2.3m
TP23	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.0m

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Test Name	Test Depth (m)	Reason for Termination	Comments
TP24	3	Target Depth	Silty Sand, Sidewall Collapse to 2.2m
TP25	2.9	Target Depth	Silty Sand, Sidewall Collapse to 1.8m
TP26	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.5m
TP27	3	Target Depth	Silty Sand, Sidewall Collapse to 2.0m
TP28	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.3m
TP29	2.9	Target Depth	Silty Sand, Sidewall Collapse to 2.5m
TP30	3	Target Depth	Silty Sand, Sidewall Collapse to 2.5m
TP31	2.8	Target Depth	Silty Sand
TP32	3	Target Depth	Silty Sand, Sidewall unstable
TP33	2.9	Target Depth	Silty Sand

Penetrometer Tests

Dynamic cone penetrometer (DCP) tests were carried out adjacent to each test pit. These tests were conducted in accordance with AS 1289.6.3.2.

The results of the penetrometer tests are summarised in Table 2: Summary of Dynamic Cone Penetrometer Test Results.

Table 2: Summary of Dynamic Cone Penetrometer Test Results

Depth (m)	Test Number/Blows per 0.1m Penetration									
	TP01	TP02	TP03	TP04	TP05	TP05 @ 1m	TP06	TP07	TP08	TP08 @ 1m
0.0 – 0.1	0	0	0	0	0	0	0	0	0	0
0.1 – 0.2	1	0	0	0	0	0	0	1	0	1
0.2 – 0.3	2	0	0	0	1	1	0	0	1	1
0.3 – 0.4	4	1	1	0	0	2	1	1	1	1
0.4 – 0.5	7	0	0	1	1	2	0	1	1	1
0.5 – 0.6	9	1	0	0	1	2	0	1	0	2
0.6 – 0.7	5	1	1	1	0	3	1	1	1	2
0.7 – 0.8	3	1	0	0	1	3	1	0	0	1
0.8 – 0.9	3	1	1	1	1	3	0	1	1	1

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Depth (m)	Test Number/Blows per 0.1m Penetration									
	TP09	TP10	TP11	TP12	TP12 @1m	TP13	TP13 @1m	TP14	TP15	TP15 @1m
0.0 – 0.1	0	0	0	0	0	1	0	0	0	1
0.1 – 0.2	0	0	1	1	1	0	1	0	0	1
0.2 – 0.3	1	0	0	1	0	0	1	0	0	1
0.3 – 0.4	0	1	1	1	2	0	1	1	1	1
0.4 – 0.5	0	0	0	1	2	1	1	0	0	1
0.5 – 0.6	0	0	1	1	2	0	2	0	1	1
0.6 – 0.7	0	1	1	1	2	0	1	1	1	2
0.7 – 0.8	1	0	1	1	2	1	1	1	1	2
0.8 – 0.9	1	1	1	2	2	1	2	0	1	2

Depth (m)	Test Number/Blows per 0.1m Penetration									
	TP16	TP17	TP19	TP19 @1m	TP20	TP21	TP22	TP23	TP23 @1m	TP24
0.0 – 0.1	0	0	0	0	0	0	0	0	0	0
0.1 – 0.2	0	0	0	1	0	1	0	0	1	0
0.2 – 0.3	0	1	1	1	0	1	1	1	1	0
0.3 – 0.4	0	0	3	2	0	0	0	0	1	1
0.4 – 0.5	1	0	1	1	1	0	0	0	2	0
0.5 – 0.6	1	1	1	1	0	1	1	1	2	0
0.6 – 0.7	1	1	1	1	1	1	0	1	1	1
0.7 – 0.8	1	1	0	2	1	0	1	1	2	0
0.8 – 0.9	1	1	1	1	1	1	1	1	2	1

Depth (m)	Test Number/Blows per 0.1m Penetration									
	TP24 @1m	TP25	TP26	TP27	TP27 @1m	TP28	TP29	TP29 @1m	TP30	TP30 @1m
0.0 – 0.1	0	0	0	0	0	0	0	1	0	0
0.1 – 0.2	0	0	0	1	1	0	0	1	0	1
0.2 – 0.3	1	1	1	1	2	1	1	1	0	1
0.3 – 0.4	1	0	0	3	4	0	3	1	0	1
0.4 – 0.5	1	1	0	4	6	1	3	2	1	1
0.5 – 0.6	1	0	1	6	6	1	5	1	1	1
0.6 – 0.7	1	1	0	3	4	1	7	1	1	1
0.7 – 0.8	1	0	1	1	2	1	5	2	0	1
0.8 – 0.9	1	1	0	1	1	1	4	2	1	1

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Depth (m)	Test Number/Blows per 0.1m Penetration								
	TP31	TP32	TP33						
0.0 – 0.1	0	0	0						
0.1 – 0.2	0	0	0						
0.2 – 0.3	1	0	1						
0.3 – 0.4	0	0	0						
0.4 – 0.5	1	1	0						
0.5 – 0.6	0	0	1						
0.6 – 0.7	1	1	1						
0.7 – 0.8	0	1	1						
0.8 – 0.9	1	1	1						

Note: DCP tests marked “@1m” were done inside the test pits at a depth of 1m below surface. All other DCP tests were done from natural ground level.

Permeability testing

Tests were carried out at three locations using the inverse auger hole method described by Cocks¹. The locations of the tests are shown on Figure 2, Site Plan. The results of the permeability testing are shown produced in Appendix D and summarised in Table 3: Summary of Permeability Test Results.

Table 3: Summary of Permeability Test Results

Test No	Description	Pipe Embedment (m)	Average Permeability, k (m/day)		
			Test 1	Test 2	Test 3
P1	Sand	0.54	1.8	1.3	1.2
P2	Sand	0.49	4.8	3.8	3.6
P3	Sand	0.49	2.8	2.4	2.1

General

The tests were positioned by a geotechnical engineer from Galt who observed the test pitting, logged the materials encountered in the test pits, undertook the field penetrometer and permeability testing, and collected representative samples for laboratory testing.

5. LABORATORY TESTING

Laboratory testing on soil samples was undertaken by Kimberley Soils Laboratory and Tricon Testing and comprised:

- ✦ particle size distribution on ten samples;
- ✦ Atterberg limits and linear shrinkage on ten samples;
- ✦ one-dimensional consolidation tests to assess collapse potential (1 sample);
- ✦ dry density-moisture content relationship using Modified compactive effort on five samples; and
- ✦ soaked California bearing ratio (CBR) on five remoulded samples.

¹ Cocks, G (2007), *Disposal of Stormwater Runoff by Soakage in Perth Western Australia*, Journal and News of the Australian Geomechanics Society, Volume 42 No. 3, pp 101-114

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Laboratory test results along with the test methods followed are presented in Appendix C. The laboratory test results are summarised in Table 4: Summary of Laboratory Test Results.

Table 4: Summary of Laboratory Test Results

Test Pit	Sample Depth (m)	(%)	(%)	(%)	LL (%)	PI (%)	LS (%)	MC (%)	MDD (t/m ³)	OMC (%)	CBR (%)
		Gravel	Sand	Fines							
TP08	0.0 - 1.0	0	73	27	21	NP	0.0	-	-	-	-
TP08	1.0 - 2.0	0	72	28	21	NP	0.0	-	-	-	-
TP08	2.0 - 3.0	0	75	25	22	NP	0.0	-	-	-	-
TP12	1.5	0	68	32	24	NP	3.2	-	-	-	-
TP15	0.0-1.0	0	78	22	20	NP	0.0	-	2.08	7.3	15
TP15	2.0 - 3.0	0	74	26	23	NP	1.6	-	2.16	6.9	15
TP15	2.0	0	73	27	23	4	1.5	6.6	-	-	-
TP23	0.0 - 1.0	0	82	18	21	NP	0	-	2.04	7.3	8
TP23	1.0 - 2.0	0	78	22	22	NP	0.8	-	2.09	5.3	10
TP30	0.0 - 1.0	0	78	22	20	NP	0	-	2.05	7.3	28

LL: Liquid Limit PI: Plastic Index LS: Linear Shrinkage
MC: Moisture Content MDD: Maximum dry density OMC: Optimum moisture content
NP: Non-plastic
CBR: California bearing ratio (test done on soaked sample compacted to 95% MDD and under a 4.5 kg surcharge)

An undisturbed sample was obtained from test pit TP15 at a depth of 2.0 m. This was sent to Tricon Testing, a specialist geotechnical engineering laboratory. Two one-dimensional consolidation tests were carried out to assess the collapse potential of the soil. One test was done with the soil at natural moisture content and the other on saturated soil.

The results of the tests are summarised in Table 5 below. This includes the calculated collapse potential at applied pressures of 50 kPa, 100 kPa and 200 kPa.

Table 5: Summary of 1-D Consolidation Test Results (Sample TP15 at 2.0m)

Sample	Initial MC (%)	Final MC (%)	Final Degree of Saturation	Initial Void Ratio, e	Dry Density (t/m ³)	Collapse Potential (%)		
						50kPa	100kPa	200kPa
NMC	6.6		35.9	0.5623	1.715	2.3	2.4	2.5
Saturated	6.6	17.2	100	0.5615	1.716			

NMC: Natural moisture content MC: Moisture Content

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6. SITE CONDITIONS

6.1 Geology

The Broome sheet of the 1:50 000 scale Environmental Geology series maps indicates that the area is underlain by silty sand. The sand is known locally as "Pindan sand" and is described as *red, fine-grained, sub-rounded quartz, variable silt content, homogeneous*.

The soils encountered in the investigation were in accordance with the expected geology.

6.2 Subsurface Conditions

The soil profile to the investigated depth of 3 m is consistent across the entire site and typically comprises the following horizons:

- ✦ Silty SAND (SM): fine to medium grained, brown, low plasticity fines, with abundant rootlets, moist to wet, very loose. This layer typically extends from the ground surface to about 0.3 m and is underlain by;
- ✦ Silty SAND (SM): fine grained, brown with orange mottling, low plasticity fines, occasional scattered rootlets, moist, very loose. There is evidence of biotic reworking (probably termites) and old termite nests were noted in several test pits within this horizon. The test pit sidewalls generally collapsed in this layer, during or shortly after excavation was completed. This layer typically extends to about 2.0 m and is underlain by;
- ✦ Silty SAND (SM): fine grained, pale orange with yellow speckling, low plasticity fines, moist becoming dry and desiccated, medium dense and dense.

The 1-dimensional consolidation tests done on a single undisturbed sample indicate that the soil has a collapse potential of about 2.3 - 2.5%. This would indicate that settlements of the order of 25 mm can be expected if the upper 1 m of the soil profile below a loaded area becomes saturated.

Note: It must be noted that the fieldwork was done during the wet season and the upper 2 m of the soil profile was typically moist to wet and was very loose (very low DCP penetration rates of 0-2 blows / 100mm were recorded to the maximum test depth of 1.9m). We understand that during the dry season, the soil profile can become desiccated and cemented.

6.3 Groundwater

No groundwater was encountered in the test pits (maximum depth: 3.3 m).

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7. DISCUSSION

7.1 Site Classification

The site classification is based on AS 2870-1996 "Residential Slabs and Footings" which defines the following site classes:

Table 6: Summary of Site Classification (AS 2780-1996)

Class	Description	Characteristic Surface Movement (y_s)
A	Moist sand and rock site with little or no ground movement from moisture change	Not Defined (typically <5 mm)
S	Slightly reactive clay sites with only slight ground movement from moisture changes	0-20 mm
P	Sites which include soft soils, such as soft clay or silt or loose sands; landslip; mine subsidence; collapsing soils; soils subject to erosion; reactive sites subject to abnormal moisture conditions or sites which cannot be classified otherwise	Not Defined

Based on our assessment of the ground conditions at the time of fieldwork, the following site will be described as Class 'P'. This is due to:

- ✦ the very loose nature of the upper 2m of the profile under the current moisture conditions (i.e. the soil will settle due to foundation loads); and
- ✦ the collapsible nature of the soil (i.e. the soil will undergo volume reduction if it is saturated under load).

The site classification of Class 'P' can be changed to a Class 'S' site classification by compacting the loose and very loose soil strata such that the stiffness is increased and the collapsible structure is destroyed. A Class 'A' classification can also be achieved, however, this would require additional treatment and we do not consider this to be warranted for the type of structures envisaged on this site.

All foundations must be designed in accordance with AS 2870-1996, assuming the site classification following subgrade preparation as detailed in Section 7.3. It must be noted that AS 2870 applies only to relatively lightly loaded residential buildings up to 2 storeys.

Detailed geotechnical assessments must be carried out for large commercial or industrial buildings or multi-storey residential buildings,

7.2 Excavatability

We do not expect any difficulties to be encountered using conventional earthmoving equipment (10 tonne and larger excavators, scrapers, etc), providing that the site is moisture conditioned by water cart or the excavations are performed during or shortly after the typical 'wet season' experienced in Broome.

Test pits generally experienced sidewall collapse down to depths of typically 2m. Open excavations must therefore be battered to no steeper than 1:1 (temporary excavation), or alternatively, appropriately supported.

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7.3 Site Preparation

The site preparations outlined below are aimed at improvement of the site in preparation for construction of houses (1 to 2 storeys) and lightly loaded commercial buildings including on-ground slabs and shallow footings, small retaining walls (<2 m high) and pavement subgrades.

Recommended site preparation measures are as follows:

- ✦ Strip vegetation from the site, including the grubbing of tree roots and the removal of any rubbish;
- ✦ Strip and stockpile topsoil from the site for potential re-use in non-structural applications;
- ✦ Excavate to the desired finished level;
- ✦ Compact the exposed soil to achieve the level of the compaction specified in Section 7.4 to a depth of at least 0.9m below all foundations and slabs. Any zones of very loose to loose soil etc, must be removed and replaced with approved fill as outlined in Section 7.5;
- ✦ Where fill is required to build up levels, use approved fill (refer to Section 7.5) and place and compact in layers of no greater than 300mm loose thickness

Note: For large and / or heavily loaded buildings, slabs and pavements, the depth of compaction must extend at least to the full depth of the collapsible horizon (approx. 2.5 m).

After compaction, verify that the required level of compaction has been achieved by testing to a minimum depth of 0.9m below foundations.

- ✦ on each lift of fill at the rate of 1 test per 500 m³;
- ✦ at 15 m centres along retaining wall footings; and
- ✦ at 15 m centres on pavement subgrades (on the road centreline).

7.4 Compaction

In situ soil and any imported granular fill must be compacted using suitable compaction equipment to achieve a density of at least 95% MMDD as determined in accordance with AS 1289 5.2.1 at moisture content within 2% of optimum.

In view of the sensitive nature of the in-situ soil to moisture, all compaction testing must be done using a nuclear density gauge (NDG).

Where large areas of in-situ soil are to be compacted, "deep lift" or "impact roller" compaction (i.e. using multi-sided towed rollers) may be considered. This method can be significantly cheaper than conventional vibratory rollers as it avoids the need for excavation and replacement of the material. Trials must, however, be undertaken to ensure that adequate compaction is achieved to the required depth. Also, the effect of vibration during compaction must be assessed and precautions taken such that structures and services in the vicinity of the site are not damaged.

We note that in-situ compaction may prove difficult during the 'dry' season due to the very weak cementation characteristic of Pindan Sand. It is recommended that the site be appropriately moisture conditioned to facilitate compaction.

Over-excavation and replacement of loose materials may be required where the minimum density index cannot be achieved.

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Note that the in situ density of the sand is of the order of 1.7 t/m^3 . The compacted soil will have a density of the order of 2.0 t/m^3 – this will therefore result in a 15% reduction in soil volume (i.e. a surface settlement of the order of 150 mm due to compaction of 1 m of soil).

Fill must be placed in horizontal layers of not greater than 0.3 m loose thickness. Each layer must be compacted by suitable compaction equipment, and carefully controlled to ensure even compaction over the full area and depth of each layer.

Care will need to be taken when compacting in the vicinity of existing structures. This is particularly important if vibratory compaction is being carried out. Tynan (1973)² provides assistance with the selection of compaction equipment for use adjacent to structures.

7.5 Approved Fill

Imported granular fill must comply with the material requirements as stated in AS 3798-2007, “Guidelines on Earthworks for Commercial and Residential Developments”.

The in-situ sand present on site is suitable for re-use as structural fill providing the soil is free of any sizeable roots (larger than 10mm). Any organic-rich sand or sand containing significant proportions of plastic fines (material less than 0.075 mm in size) must not be used within 1 m of the finished level of fill pads.

Where doubt exists about the excavation or use of any materials on site, a geotechnical engineer must be engaged to inspect and approve the use of potential fill materials.

7.6 Pavement Design Parameter

Where pavement subgrades are constructed according to the site preparation requirements outlined in Section 7.3, the thickness of pavements built upon them may be calculated using a compacted subgrade CBR of 8 %.

7.7 Retaining Structures

Retaining structures may be designed in accordance with AS 4678-2002 “Earth-Retaining Structures”. For the design of retaining structures, the following parameters are considered appropriate for retaining wall design using compacted *in situ* sand and compacted sand backfill:

- ✦ angle of internal friction, $\phi = 35^\circ$;
- ✦ coefficient of active earth pressure $K_a = 0.271$;
- ✦ coefficient of passive earth pressure $K_p = 3.69$
- ✦ at rest coefficient of earth pressure $K_0 = 0.43$; and
- ✦ bulk density: 18 kN/m^3 .

Compaction plant can augment the lateral earth pressure acting on retaining walls. Hand operated compaction equipment is recommended within 2 m of any retaining walls to minimise compaction pressures.

It is important to note that some ground movement is to be expected behind any soil retaining system, including gravity retaining walls.

² Tynan (1973) **Ground Vibration and Damage Effects on Buildings**, Australia Road Research Board, Special Report No. 11.

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7.8 Stormwater Disposal

Results of permeability tests conducted at the site are presented in Appendix D. These tests were conducted at locations shown in Figure 2 and the test results are summarised in Table 3.

We note that the permeabilities measured vary between 1.2 m/day to 4.8 m/day at the tested locations. The highest permeability was measured at the centre of the western edge of the site while the lowest permeability was recorded at the south-east corner. The permeability is expected to reduce significantly due to compaction and desiccation during the 'dry season'.

Due to the relatively low permeability of the in-situ soil, particularly if compacted, we suggest that run-off is disposed of by means of surface drains and swales, rather than soak-wells.

8. PRELIMINARY ASSESSMENT OF ACID SULFATE SOILS (ASS) RISK

There is limited published mapping available on the acid sulphate risk maps of the Broome area. On the basis of the Acid Sulfate Soils Guideline Series; Identification and Investigation of Acid Sulfate Soils and Acidic Landscapes (2009)³, it would appear that the site does not have any of the indicators of Potential Acid Sulfate Soils (PASS) or Actual Acid Sulfate Soils (AASS) listed below:

Potential Acid Sulfate Soil Indicators	Actual Acid Sulfate Soil Indicators
<ul style="list-style-type: none"> waterlogged soils – unripe muds (soft, sticky and can be squeezed between fingers, blue grey or dark greenish grey mud with a high water content), silty sands or sands (mid to dark grey) or bottom sediments (dark grey to black e.g. iron monosulfides “black oozes”) possibly exposed at sides and bottom of drains or cuttings, or in boreholes; peat or peaty soils; coffee rock horizons; or a sulfurous smell e.g. hydrogen sulfide or ‘rotten egg’ gas. dominant vegetation is tolerant of salt, acid and/or waterlogging conditions e.g. mangroves, saltcouch, Phragmites (a tall acid tolerant grass species), swamp-tolerant reeds, rushes, paperbarks (Melaleuca spp.) and swamp oak (Casuarina spp.). 	<ul style="list-style-type: none"> sulfurous smell e.g. hydrogen sulfide or ‘rotten egg’ gas; any jarositic horizons or substantial iron oxide mottling in surface encrustations or in any material dredged or excavated and left exposed. dead, dying, stunted vegetation*; scalded or bare low-lying areas*; poor vegetation regrowth in previously disturbed areas. <p>* May also be due to excessive salinity or to salinity in combination with AASS.</p>

We are still in the process of locating more definitive risk mapping and will forward this once available.

³ Department of Environment and Conservation, **Identification and Investigation of Acid Sulfate Soils and Acidic Landscapes**, prepared by the Contaminated Site Branch, Environmental Regulation Division, May 2009

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9. CLOSURE

We would like to draw your attention to Appendix E of this report, "Understanding your Geotechnical Engineering Report". The information provided within is intended to inform you as to what your realistic expectations of this report should be. Guidance is also provided on how to minimise risks associated with groundworks for this project. This information is provided not to reduce the level of responsibility accepted by Galt, but to ensure that all parties who rely on this report are aware of the responsibilities each assumes in so doing.

Yours Faithfully,

GALT GEOTECHNICS PTY LTD

A handwritten signature in black ink, appearing to read 'R. Piovesan'.

Rick Piovesan CPEng

Geotechnical Engineer

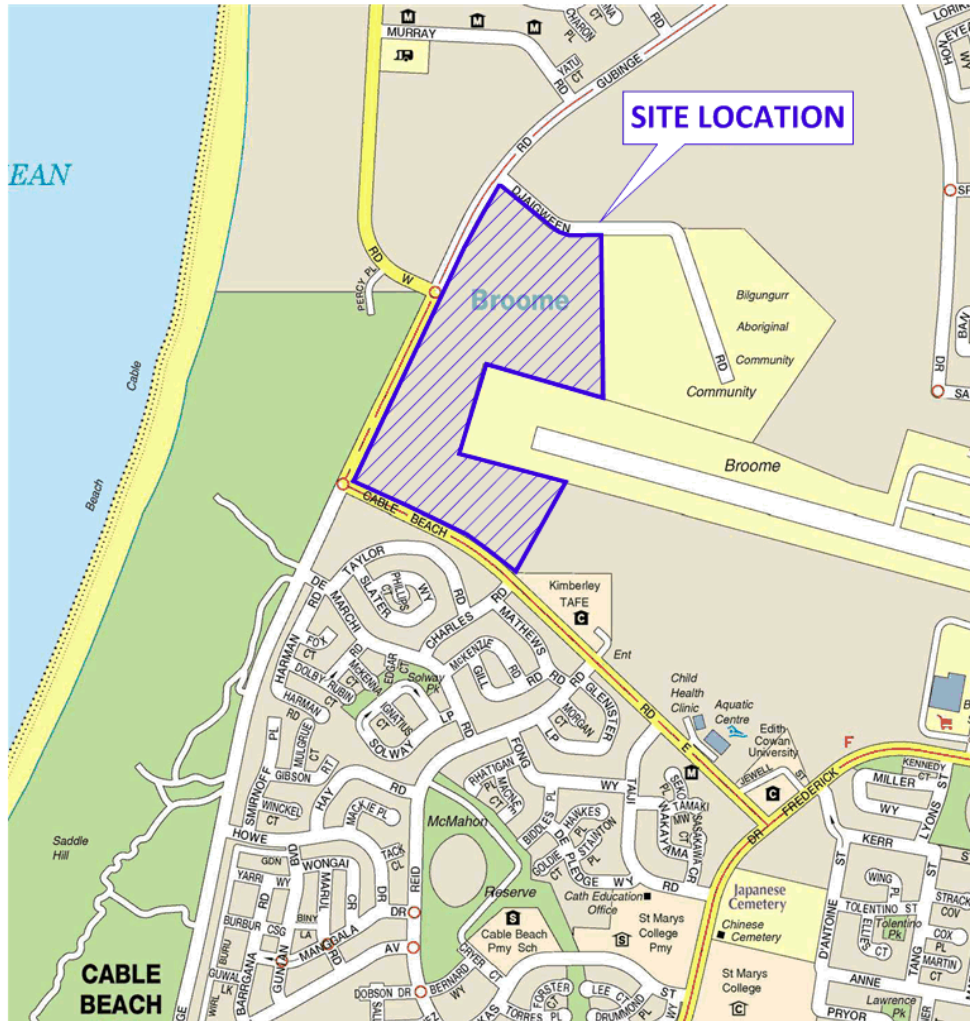
O:\Jobs\2010\J1001114 - NBY Cable Beach East SI Broome\03 Correspondence\J1001114 001 R Rev0.docx

Galt Geotechnics Pty Ltd

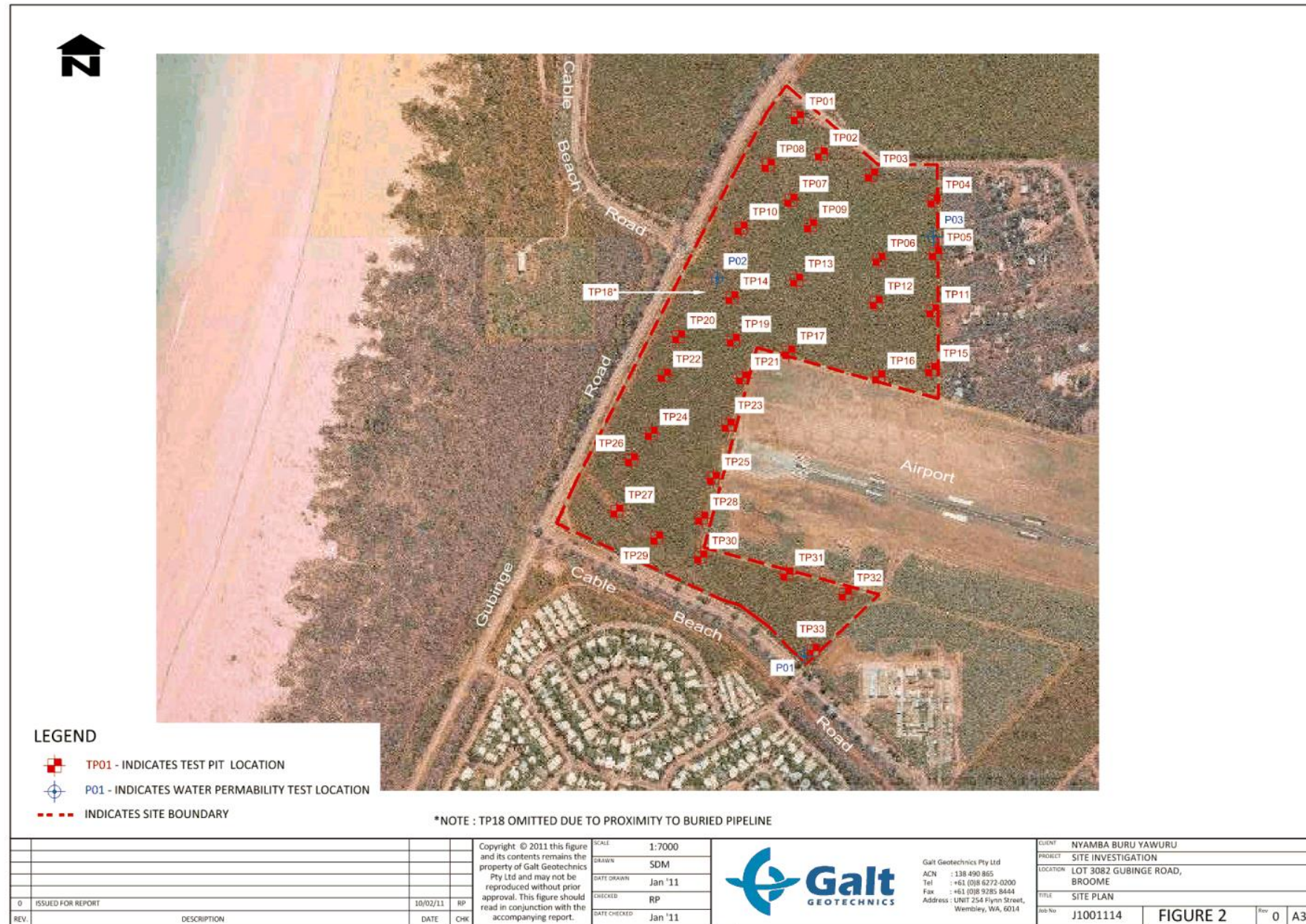
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2/54 Flynn St, WEMBLEY WA 6014

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ABN: 73 292 586 155



SCALE	NTS		CLIENT	NYAMBA BURU YAWURU			
DRAWN	SDM	DATE	Jan '11	PROJECT	SITE INVESTIGATION		
CHECKED	RP	DATE	Jan '11	LOCATION	LOT 3082 GUBINGE ROAD, BROOME		
COPYRIGHT © 2011 THIS FIGURE AND ITS CONTENTS REMAINS THE PROPERTY OF GALT GEOTECHNICS PTY LTD AND MAY NOT BE REPRODUCED WITHOUT PRIOR APPROVAL. THIS FIGURE SHOULD READ IN CONJUNCTION WITH THE ACCOMPANYING REPORT.				TITLE	LOCATION PLAN		
				Job No	J1001114	FIGURE 1	A4





APPENDIX A

Site Photographs

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Photograph 1: Ponding along north track approaching north-east corner of site (near TP05)



Photograph 2: Very loose soil evident from backhoe tracks (TP06)



Photograph 3: Typical site vegetation (TP33)



Photograph 4: Typical soil profile (TP15)



Photograph 5: Sand very weakly cemented (TP30)




















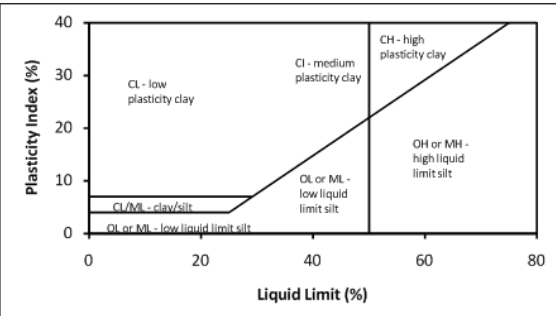
APPENDIX B

Test Pit Reports

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2/54 Flynn St, WEMBLEY WA 6014

Galt Geotechnics Pty Ltd


ABN: 73 292 586 155

METHOD OF SOIL DESCRIPTION			BOREHOLE AND TEST PIT REPORTS																														
GRAPHIC LOG & UNIFIED SOIL CLASSIFICATION SYSTEM (USCS) SYMBOLS																																	
Graphic	USCS	Soil Name	Graphic	USCS	Soil Name	Graphic	USCS	Soil Name																									
		FILL (various types)		ML	SILT (low liquid limit)		MH	SILT (high liquid limit)																									
		BOULDERS and/or COBBLES		CL	CLAY (low plasticity)		CI	CLAY (medium plasticity)																									
	GP	GRAVEL (poorly graded)		CH	CLAY (high plasticity)		OL	Organic SILT (low liquid limit)																									
	GW	GRAVEL (well graded)		OH	Organic SILT (high liquid limit)		Pt	PEAT																									
	GC	Clayey GRAVEL																															
	SP	SAND (poorly graded)																															
	SW	SAND (well graded)																															
	SC	Clayey SAND																															
RESISTANCE TO EXCAVATION																																	
Symbol	Term	Description																															
VE	Very easy	All resistances are relative to the selected method of excavation																															
E	Easy																																
F	Firm																																
H	Hard																																
VH	Very hard																																
SOIL CLASSIFICATION AND INFERRED STRATIGRAPHY																																	
Soil descriptions are based on AS1726-1993, Appendix A. Material properties are assessed in the field by visual/tactile methods in combination with field testing techniques (where used).																																	
PARTICLE SIZE			PLASTICITY PROPERTIES																														
<table border="1"> <thead> <tr> <th>Soil Name</th> <th>Particle Size (mm)</th> </tr> </thead> <tbody> <tr> <td>BOULDERS</td> <td>>200</td> </tr> <tr> <td>COBBLES</td> <td>63 to 200</td> </tr> <tr> <td rowspan="3">GRAVEL</td> <td>Coarse</td> <td>20 to 63</td> </tr> <tr> <td>Medium</td> <td>6 to 20</td> </tr> <tr> <td>Fine</td> <td>2 to 6</td> </tr> <tr> <td rowspan="3">SAND</td> <td>Coarse</td> <td>0.6 to 2.0</td> </tr> <tr> <td>Medium</td> <td>0.2 to 0.6</td> </tr> <tr> <td>Fine</td> <td>0.075 to 0.2</td> </tr> <tr> <td rowspan="2">FINES</td> <td>SILT</td> <td>0.002 to 0.075</td> </tr> <tr> <td>CLAY</td> <td><0.002</td> </tr> </tbody> </table>			Soil Name	Particle Size (mm)	BOULDERS	>200	COBBLES	63 to 200	GRAVEL	Coarse	20 to 63	Medium	6 to 20	Fine	2 to 6	SAND	Coarse	0.6 to 2.0	Medium	0.2 to 0.6	Fine	0.075 to 0.2	FINES	SILT	0.002 to 0.075	CLAY	<0.002						
Soil Name	Particle Size (mm)																																
BOULDERS	>200																																
COBBLES	63 to 200																																
GRAVEL	Coarse	20 to 63																															
	Medium	6 to 20																															
	Fine	2 to 6																															
SAND	Coarse	0.6 to 2.0																															
	Medium	0.2 to 0.6																															
	Fine	0.075 to 0.2																															
FINES	SILT	0.002 to 0.075																															
	CLAY	<0.002																															
MOISTURE CONDITION			AS1726-1993																														
Symbol	Term	Description																															
D	Dry	Sands and gravels are free flowing. Clays and silts may be brittle or friable and powdery.																															
M	Moist	Soils are darker than in the dry condition and may feel cool. Sands and gravels tend to cohere.																															
W	Wet	Soils exude free water. Sands and gravels tend to cohere.																															
CONSISTENCY AND DENSITY			AS1726-1993 and HB160-2006																														
Symbol	Term	Undrained Shear Strength (kPa)	SPT "N"	DCP blows per 100 mm	Symbol	Term	Density Index (%)	SPT "N"	DCP blows per 100 mm	PSP Blows per 300 mm																							
VS	Very Soft	0 to 12	0 to 2	<1	VL	Very Loose	<15	0 to 4	<1	0 to 2																							
S	Soft	12 to 25	2 to 4	<1	L	Loose	15 to 35	4 to 10	1 to 2	2 to 6																							
F	Firm	25 to 50	4 to 8	1 to 2	MD	Medium Dense	35 to 65	10 to 30	2 to 3	6 to 8																							
St	Stiff	50 to 100	8 to 15	3 to 4	D	Dense	65 to 85	30 to 50	4 to 8	8 to 15																							
VSt	Very Stiff	100 to 200	15 to 30	5 to 10	VD	Very Dense	>85	>50	>8	>15																							
H	Hard	>200	>30	>10	Note: PSP correlations only valid to 450 mm depth																												
Consistency and density may also be inferred from excavation performance and material behaviour.																																	

REPORT OF TEST PIT										TP01	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417037 Northing (m): 8016296 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della ConstrOperator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Roots to 1.0 m.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling, trace black very weakly cemented nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0	E						W-M	VL		1.0	
1.2										1.2	
1.4										1.4	
1.6					SM					1.6	
1.8										1.8	
2.0						As above, but pale orange with yellow speckling, desiccated				2.0	
2.2										2.2	
2.4	M						D	D		2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.0 m. Target depth. Sidewall collapse to 1.5 m. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP02	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417084 Northing (m): 8016227 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Roots to 1.2 m.	0.0	
0.2						As above, but fine grained, brown with mottled orange, trace black cemented nodules				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8						As above, but pale orange				1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 3.0 m. Target depth. Sidewall collapse. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP03	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417181 Northing (m): 8016186 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Roots to 1.7 m.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling, trace black weakly cemented nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4						As above, but pale orange with yellow speckling, desiccated				2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.8 m. Sidewall collapse at 2.8 m. No groundwater encountered.					


See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP04	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417299 Northing (m): 8016134 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines				0.0	
0.2						As above, but fine grained, brown with orange mottling				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2						As above, but pale orange with yellow speckling, becoming very weakly cemented				2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 3.1 m. Target depth. Sidewall collapse to 1.8 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP05	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417301 Northing (m): 8016035 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines		VL	Roots to 2.0 m.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling				0.4	
0.6										0.6	
0.8										0.8	
1.0	E						W-M	L		1.0	
1.2										1.2	
1.4										1.4	
1.6					SM					1.6	
1.8						As above, but pale orange with yellow speckling, becoming very weakly cemented				1.8	
2.0										2.0	
2.2	M						M-D	MD		2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Sidewall collapse to 2.9 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

GALT GEOTECHNICS PTY LTD




REPORT OF TEST PIT										TP06	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417196 Northing (m): 8016022 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines	M-W		Abundant rootlets. Distinctly reworked - appears uniform throughout layer.	0.0	
0.2						As above, but fine grained, orange mottled brown with occasional yellow speckles				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4	E				SM		M	VL		1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 2.9 m. Target depth. Collapsed to 2.5 m. No groundwater encountered.											
See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions						GALT GEOTECHNICS PTY LTD					

REPORT OF TEST PIT										TP07	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417027 Northing (m): 8016137 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine grained, brown streaked black, trace fines			Abundant fine roots. Old tree roots to 1.2 m.	0.0	
0.2						As above, but fine grained, brown mottled orange				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4						As above, but orange speckled yellow				2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Target depth. Collapsed to 1.5 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP08	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416982 Northing (m): 8016205 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Roots to 0.5 m.	0.0	
0.2										0.2	
0.4			Small disturbed sample TP08/1			As above, but fine grained, brown with orange mottling, trace very weakly cemented black nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4			Small disturbed sample TP08/2		SM		W-M	VL		1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2						As above, but orange with yellow speckles, becoming very weakly cemented				2.2	
2.4			Small disturbed sample TP08/3				M-D	MD		2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Sidewall collapse to 2.9 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP09	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417067 Northing (m): 8016087 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Roots to 2.0 m.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling, trace very weakly cemented black nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2						As above, but pale orange with yellow speckles				2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 3.0 m. Target depth. Sidewall collapse to 2.0 m. No groundwater encountered.					


See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP10	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416933 Northing (m): 8016083 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines, trace black very weak cemented nodules			Abundant roots to 1.2 m.	0.0	
0.2										0.2	
0.4						Silty SAND: Fine grained, brown with orange mottling, trace fines				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6						As above, but pale orange with yellow speckles				1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.0 m. Target depth. Sidewall collapse to 2.3 m. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP11	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417299 Northing (m): 8015934 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines				0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0						As above, but pale orange with yellow speckling, desiccated				2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.0 m. Target depth. Sidewall collapse to 1.3 m. No groundwater encountered.											


See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP12	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417192 Northing (m): 8015938 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della ConstrOperator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines	M-W		Abundant rootlets.	0.0	
0.2						As above, but fine grained, orange mottled brown speckled yellow			Infilled termite nest to 1.5 m (0.5 m diameter).	0.2	
0.4									Small tree roots (10 mm diameter) to 2.0 m.	0.4	
0.6									Biotically reworked zones to 2.0 m.	0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8						As above, but orange speckled yellow	D	MD		2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 3.0 m. Target depth. Sidewall collapse to 2.0 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP13	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417039 Northing (m): 8015980 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Soil collapse to 1.9 m.	0.0	
0.2									Abundant roots to 1.9 m.	0.2	
0.4						As above, but fine grained, brown with orange mottling, trace very weakly cemented black nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6			Disturbed sample TP12/1 at 1.5 m.		SM					1.6	
1.8										1.8	
2.0										2.0	
2.2						As above, but pale orange with yellow speckles	M-D	L-D		2.2	
2.4						As above, but desiccation providing very weak cementation				2.4	
2.6							D	D		2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 2.9 m. Target depth. Sidewall collapse to 2.9 m. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP14	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416917 Northing (m): 8015948 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components		MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines				Scattered roots to 1.5 m.	0.0
0.2						As above, but fine grained, brown with orange mottling, trace very weakly cemented black nodules		W-M	VL		0.2
0.4					0.4						
0.6					0.6						
0.8					0.8						
1.0						As above, but pale orange with yellow speckles		M-D	L-MD		1.0
1.2					1.2						
1.4					1.4						
1.6					1.6						
1.8											1.8
2.0					2.0						
2.2					2.2						
2.4					2.4						
2.6											2.6
2.8					2.8						
3.0					3.0						
3.2					3.2						
3.4											3.4
3.6					3.6						
3.8					3.8						
End of test pit at 3.0 m. Target depth. Sidewall collapse to 2.5 m. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP15	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417297 Northing (m): 8015808 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0	E		Bulk sample at 0-1.0 m.		SM	Silty SAND: Fine to medium grained, brown, low plasticity fines	W-M	VL		0.0	
0.2						As above, but fine grained, brown with orange mottling				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0	M		Undisturbed sample at 2.0 m.		D	As above, but pale orange with yellow speckles, desiccated	D	D		1.0	
1.2										1.2	
1.4				1.4							
1.6				1.6							
1.8				1.8							
2.0				2.0							
2.2				2.2							
2.4				2.4							
2.6				2.6							
2.8				2.8							
3.0									3.0		
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.3 m. Target depth. Sidewall collapse to 1.0 m. No groundwater encountered.											
See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions						GALT GEOTECHNICS PTY LTD					

REPORT OF TEST PIT										TP16	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417197 Northing (m): 8015904 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Tree roots to 1.2 m.	0.0	
0.2						As above, but fine grained, brown with orange mottling			Soil collapse to 1.4 m.	0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8						As above, but pale orange with yellow speckles, becoming very weakly cemented				1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.8 m. Excavation stopped due to soil collapse. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP17	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417026 Northing (m): 8015842 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine grained, brown with orange mottling, trace fines	M-W	VL		0.0	
0.2										0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2						As above, but pale orange with yellow speckles, becoming very weakly cemented	M-D	MD		1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.1 m. Target depth. Sidewall collapse to 1.2 m. No groundwater encountered.											
See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions										GALT GEOTECHNICS PTY LTD 	

REPORT OF TEST PIT										TP19	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416919 Northing (m): 8015862 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Abundant rootlets. Old tins and bottles on surface.	0.0	
0.2						As above, but fine grained, brown with orange mottling			Tree roots (10 mm diameter) to 1.5 m.	0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2						As above, but orange speckled yellow, trace weakly cemented nodules				2.2	
2.4										2.4	
2.6						As above				2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Target depth. Sidewall collapse to 2.0 m. No groundwater encountered.					


See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP20	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416816 Northing (m): 8015869 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Abundant roots up to 20 mm to 0.5 m.	0.0	
0.2						As above, but fine grained, brown with orange mottling, trace black very weakly cemented nodules			Scattered roots to 1 m.	0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2						As above, but pale orange with yellow speckles, desiccated				2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.0 m. Target depth. Sidewalls unstable. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP21	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416939 Northing (m): 8015792 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della ConstrOperator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Abundant rootlets.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling			Biotically reworked	0.4	
0.6										0.6	
0.8										0.8	
1.0							M-W	VL		1.0	
1.2										1.2	
1.4					SM					1.4	
1.6										1.6	
1.8										1.8	
2.0						As above, but orange speckled yellow				2.0	
2.2										2.2	
2.4							M	L		2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Target depth. Sidewall collapse to 2.0 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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REPORT OF TEST PIT										TP22	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416790 Northing (m): 8015796 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Roots up to 50 mm to 1.0 m.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling, trace black very weakly cemented nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8						As above, but pale orange with yellow speckles	M-D	L-MD		2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.8 m. Sidewall collapse to 2.3 m. No groundwater encountered.					
See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions						GALT GEOTECHNICS PTY LTD					

REPORT OF TEST PIT										TP23	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416914 Northing (m): 8015701 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Abundant rootlets.	0.0	
0.2						As above, but fine grained, brown with orange mottling			Coarse roots (30 mm diameter) to 2.0 m.	0.2	
0.4									Biotically reworked.	0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0						As above, but orange speckled yellow				2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Target depth. Sidewall collapse to 2.0 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP24	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416764 Northing (m): 8015684 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Scattered roots to 0.5 m.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling, trace black very weakly cemented nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0						As above, but pale orange with yellow speckles				2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8						Desiccated and very weakly cemented				2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 3.0 m. Target depth. Sidewall collapse to 2.3 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP25	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416884 Northing (m): 8015598 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Abundant rootlets. Biotically reworked.	0.0	
0.2						As above, but fine grained, brown with orange mottling				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8						As above, but pale orange speckled yellow				1.8	
2.0										2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Target depth. Partial sidewall collapse to 1.8 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP26	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416728 Northing (m): 8015634 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Scattered roots to 1.5 m.	0.0	
0.2										0.2	
0.4						As above, but fine grained, brown with orange mottling, trace black very weakly cemented nodules				0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4	E				SM		W-M	VL		1.4	
1.6										1.6	
1.8						As above, but pale orange with yellow speckles				1.8	
2.0										2.0	
2.2										2.2	
2.4							M-D	L-MD		2.4	
2.6										2.6	
2.8	M					Desiccated and very weakly cemented	D	D		2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 2.9 m. Target depth. Sidewall collapse to 2.5 m. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

GALT GEOTECHNICS PTY LTD



REPORT OF TEST PIT										TP27	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416703 Northing (m): 8015531 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth Operator: A McMahon			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines	M	VL	Abundant fine roots. Possible compacted fill	0.0	
0.2						As above, but fine grained, brown with orange mottling	M	D		0.2	
0.4										0.4	
0.6						Silty SAND: Fine grained, brown mottled orange, trace to some fines	M-D	VL		0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0						As above, but desiccated and very weakly cemented	D	MD		2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.0 m. Target depth. Sidewall collapse to 2.0 m. No groundwater encountered.											


See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

GALT GEOTECHNICS PTY LTD

REPORT OF TEST PIT										TP28	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416865 Northing (m): 8015519 Datum: MGA94 Zone 50 Surface RL (m):			Logged: RP Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Abundant rootlets. Biotically reworked.	0.0	
0.2						As above, but fine grained, brown with orange mottling, trace black very weakly cemented nodules				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0										1.0	
1.2										1.2	
1.4										1.4	
1.6										1.6	
1.8										1.8	
2.0						As above, but pale orange with yellow speckles				2.0	
2.2										2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Target depth. Sidewall collapse to 2.3 m. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP29	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416779 Northing (m): 8015480 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, trace to some fines	W-M	VL	Abundant fine roots and decayed veg.	0.0	
0.2	E									0.2	
0.4						As above, but fine grained		D	Possible compacted zone.	0.4	
0.6										0.6	
0.8										0.8	
1.0						As above			Old drainage trenches in area - overgrown and poorly defined	1.0	
1.2	M						M	VL		1.2	
1.4					SM					1.4	
1.6										1.6	
1.8										1.8	
2.0										2.0	
2.2										2.2	
2.4	E									2.4	
2.6						As above, but pale orange with yellow speckles	D-M	MD		2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 2.9 m. Target depth. Sidewall collapse to 2.5 m. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP30	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 416863 Northing (m): 8015445 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines			Abundant fine rootlets.	0.0	
0.2									Surface very soft and saturated.	0.2	
0.4						As above, but brown with orange mottling, trace/some fines (<10%)				0.4	
0.6										0.6	
0.8										0.8	
1.0	E						M-W	VL		1.0	
1.2										1.2	
1.4										1.4	
1.6					SM					1.6	
1.8										1.8	
2.0										2.0	
2.2	M					As above, but pale orange with yellow speckles, trace fines, very weakly cemented, pinhole voids	D	D		2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 3.0 m. Target depth. Sidewall collapse to 2.5 m. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP31	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417027 Northing (m): 8015411 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine to medium grained, brown, low plasticity fines				0.0	
0.2						As above, but fine grained, brown with orange mottling, biotically reworked				0.2	
0.4										0.4	
0.6										0.6	
0.8										0.8	
1.0	E						M-W	VL		1.0	
1.2										1.2	
1.4					SM					1.4	
1.6										1.6	
1.8										1.8	
2.0						As above, but pale orange with yellow speckles, very weakly cemented (desiccated) pinhole voids				2.0	
2.2	M						D	D		2.2	
2.4										2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
End of test pit at 2.8 m. Target depth. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


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REPORT OF TEST PIT										TP32	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417140 Northing (m): 8015374 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0	VE				SM	Silty SAND: Fine grained, brown becoming mottled orange, trace fines	M	VL	Abundant roots up to 30 mm to 0.5 m.	0.0	
0.2						As above, but brown with orange mottling			Scattered roots to 1.2 m.	0.2	
0.4										0.4	
0.6										0.6	
0.8	E					As above, but orange with yellow speckles, becoming very weakly cemented, distinct pinhole voids	L		0.8		
1.0									1.0		
1.2									1.2		
1.4	M					As above	D	D	1.4		
1.6									1.6		
1.8									1.8		
2.0									2.0		
2.2									2.2		
2.4									2.4		
2.6									2.6		
2.8									2.8		
3.0									3.0		
3.2									3.2		
3.4									3.4		
3.6									3.6		
3.8									3.8		
End of test pit at 3.0 m. Target depth. Sidewall unstable. No collapse. No groundwater encountered.											

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions


GALT GEOTECHNICS PTY LTD



REPORT OF TEST PIT										TP33	
PROJECT DETAILS					SPATIAL DETAILS			DRILLING DETAILS			
Job Number: J1001114 Client: Nyumba Buru Yawuru Project: Site Investigation Location: Lot 3082 Gubinge Road, Broome					Position: See Plan Easting (m): 417078 Northing (m): 8015262 Datum: MGA94 Zone 50 Surface RL (m):			Logged: HC Checked: RP TP Width (m): Machine: CAT428C Contractor: Dom Della Constr Operator: A McMahon Logged Date: 08/01/2011 Checked Date: 09/02/2011 TP Length (m): 3 Bucket: 300 mm tooth			
DEPTH (m)	EXCAVATION RESISTANCE	GROUNDWATER	SAMPLES & FIELD TESTS	GRAPHIC LOG	USCS CLASSIFICATION	MATERIAL DESCRIPTION Soil type, plasticity or particle characteristics, colour, secondary and minor components	MOISTURE CONDITION	CONSISTENCY/DENSITY	ADDITIONAL OBSERVATIONS	DEPTH (m)	
0.0						Silty SAND: Fine grained, brown becoming mottled orange, trace fines			Dense roots to about 0.3 m.	0.0	
0.2										0.2	
0.4									Scattered roots to 0.8 m.	0.4	
0.6								VL		0.6	
0.8										0.8	
1.0	E						M			1.0	
1.2										1.2	
1.4					SM	As above, but orange speckled yellow, distinct pinhole voids				1.4	
1.6								L		1.6	
1.8										1.8	
2.0						As above, but becoming very weakly cemented				2.0	
2.2										2.2	
2.4	M						D	D		2.4	
2.6										2.6	
2.8										2.8	
3.0										3.0	
3.2										3.2	
3.4										3.4	
3.6										3.6	
3.8										3.8	
						End of test pit at 2.9 m. Target depth. Sidewall unstable. No collapse. No groundwater encountered.					

See Explanatory Notes and Method of Soil Description sheets for details of abbreviations and basis of descriptions

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APPENDIX C

Laboratory Test Results

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Galt Geotechnics Pty Ltd

ABN: 73 292 586 155

KIMBERLEY SOILS LABORATORY

Surfmet Pty Ltd trading as Kimberley Soils Laboratory ABN 40 109 682 493

Gus Winckel Road, Broome, Western Australia 6725

Tel: 0410 341 636
Phone: (08) 9192 3126
Fax: (08) 9192 3012

PO Box 1897, Broome, WA 6725
E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 43
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp08/1

TEST DEPTH: 0.0-1.0m
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 15/01/2011

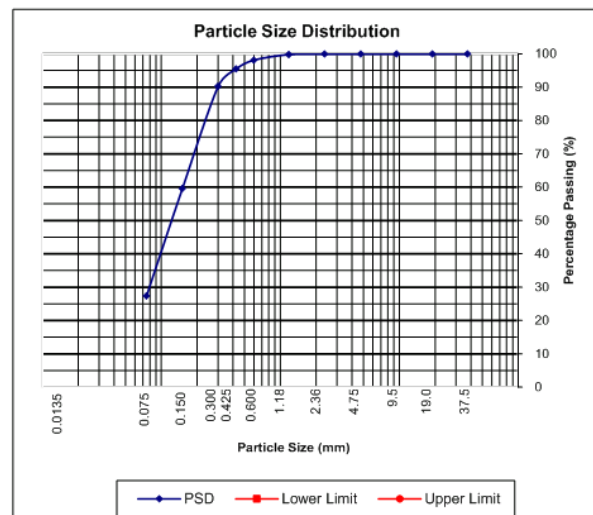
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	98
0.425	96
0.300	90
0.150	60
0.075	27

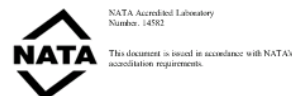
DUST RATIO

0.29



Notes

Approved Signatory: _____
A. Marshall



Issue 1
Document
09KSL 43.xls

Certificate - 004/Rev.3/July2009

Issued 24/01/2011

KIMBERLEY SOILS LABORATORY

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TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 34

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp08/1

TEST DEPTH: 0.0-1.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 18/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

21

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

0

NOTES:

Approved Signatory:

A. Marshall



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Issue 1
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TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 44
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp08/02

TEST DEPTH: 1.0-2.0m
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 15/01/2011

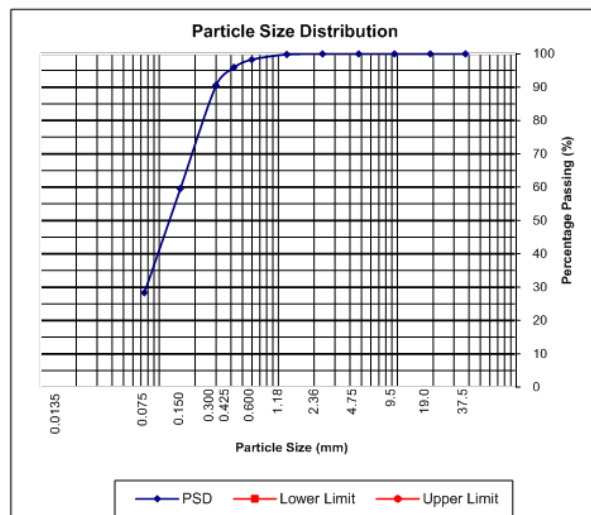
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	98
0.425	96
0.300	91
0.150	60
0.075	28

DUST RATIO

0.30



Notes

Approved Signatory: _____
A. Marshall



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Issue 1
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TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 35

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp08/2

TEST DEPTH: 1.0-2.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 18/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

21

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

0

NOTES:

Approved Signatory:

A. Marshall



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E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE

AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 45
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp08/3

TEST DEPTH: 2.0-3.0m
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 15/01/2011

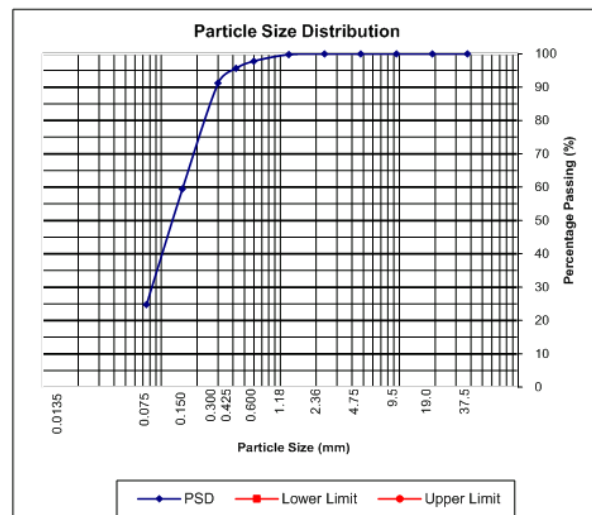
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
 PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	98
0.425	96
0.300	91
0.150	59
0.075	25

DUST RATIO

0.26



Notes

Approved Signatory: _____
 A. Marshall



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Issue 1
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TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 36

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp08/3

TEST DEPTH: 2.0-3.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 19/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

22

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

0

NOTES:

Approved Signatory:

A. Marshall



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TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 46
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp12/1

TEST DEPTH: 1.5m
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 15/01/2011

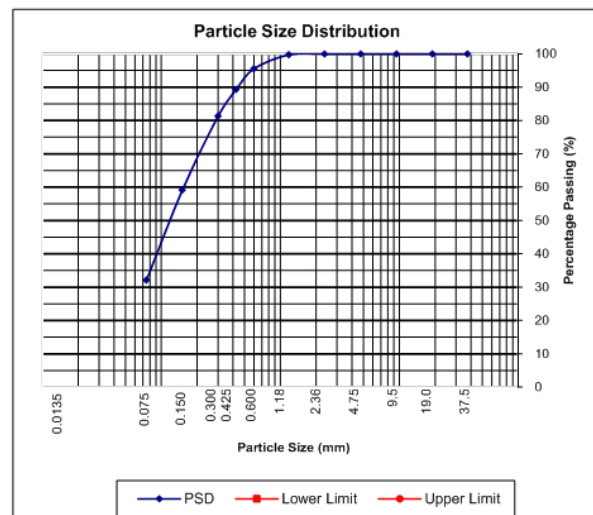
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	96
0.425	89
0.300	81
0.150	59
0.075	32

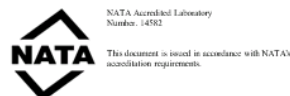
DUST RATIO

0.36



Notes

Approved Signatory: _____
A. Marshall



Issue 1
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09KSL 46.xls

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TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 37

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp12/1

TEST DEPTH: 1.5m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 19/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

24

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

3.2

NOTES:

Approved Signatory:

A. Marshall



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Certificate - 001/Rev.3/July2009

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TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 47
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp15/1

TEST DEPTH: 0.0-1.0m
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 15/01/2011

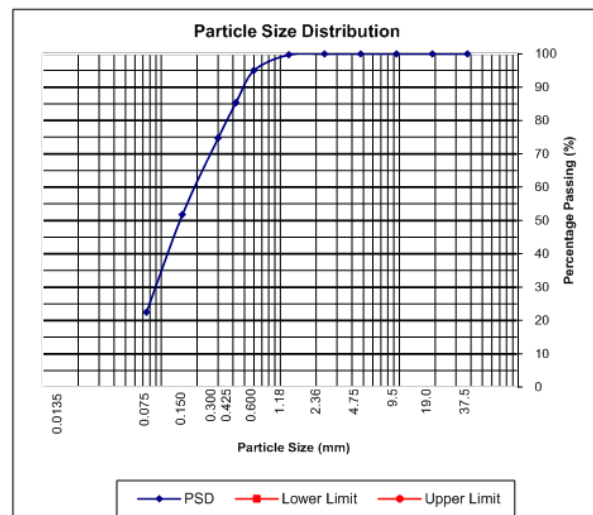
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	95
0.425	85
0.300	75
0.150	52
0.075	22

DUST RATIO

0.26



Notes

Approved Signatory: _____
A. Marshall



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Number: 14582

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Issue 1
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Certificate - 004/Rev.3/July2009

Issued 24/01/2011

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TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 38

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp15/1

TEST DEPTH: 0.0-1.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 19/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

20

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

0

NOTES:

Approved Signatory:

A. Marshall



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Certificate - 001/Rev.3/July2009

Issued 24/01/2011

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Gus Winckel Road, Broome, Western Australia 6725

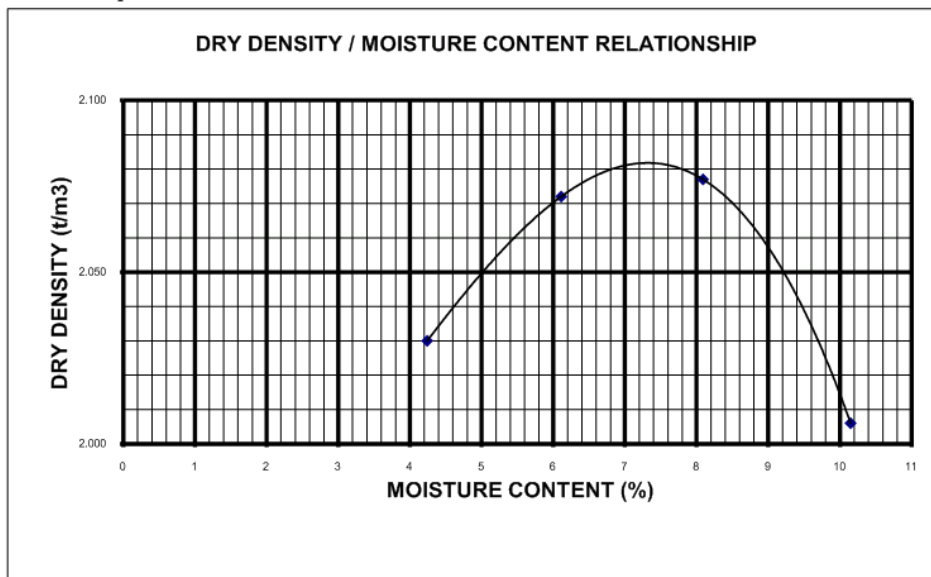
Mobile: 0410341636
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Fax: (08) 9192 3012

PO Box 1897, Broome, WA 6725
E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE

MAXIMUM DRY DENSITY / OPTIMUM MOISTURE CONTENT TEST METHOD AS1289 5.2.1 - MODIFIED COMPACTION

CLIENT:	Galt Geotechnics	Sample No:	10KSL
PROJECT:	Lot 3082 Gubinge Rd		29
LOCATION:	Broome	Date Tested:	14/01/2011
Sample Details:	J1001114 Tp15/1 0.0-1.0m		
Material Description:	Pindan		



Maximum Dry Density:	2.080 t/m³
Optimum Moisture Content:	7.3 %
Adjusted Maximum Dry Density:	— %
Adjusted Optimum Moisture Content:	— %
Oversized Material (+19.0mm):	0.0 %
Oversized Material (+37.5mm):	— %
Field Moisture Content:	— %

Notes:

Approved Signatory:

A. Marshall



NATA Accredited Laboratory
Standard: 14562

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Issue 1
Document
09KSL 29.xls

Certificate-006/Rev.2/May2008

Issued 24/01/2011

KIMBERLEY SOILS LABORATORY

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E-mail: Kimberleysoils@westnet.com.au

TEST CERTIFICATE

CALIFORNIA BEARING RATIO (CBR)

TEST METHOD - AS1289 6.1.1

CLIENT:	Galt Geotechnics	Sample No:	10KSL
PROJECT:	Lot 3082 Gubinge Rd J1001114		52
LOCATION:	Broome	Date Moulded:	22/01/2011
Sample Details:	Tp15/1 0.0-1.0m	Date Tested:	26/01/2011
Sample Description:	Pindan	Tested By:	Rpatience

Maximum Dry Density (t/m ³):	2.080
Optimum Moisture Content (%):	7.3
Dry Density before soaking (t/m ³):	2.025
Moisture Content at compaction (%):	7.19
Dry Density Ratio before soaking (%):	97.4
Moisture Ratio before soaking (%):	98.5
Dry Density after soaking (t/m ³):	2.035
Moisture Content after soaking (%):	9.1
Dry Density Ratio after soaking (%):	97.8
Moisture Ratio after soaking (%):	124.2

Condition of test

Desired Density Ratio:	95
Desired Moisture Ratio:	100
Number of days soaked:	4
Number of Layers:	5
Surcharge Mass used (kg):	4.5
Percentage Swell:	0.1
Moisture Content - top 30mm after soaking (%):	7.95
Moisture Content - entire sample after soaking (%):	9.07
Penetration (mm):	2.5

California Bearing Ratio (%): **15**

NOTE: Material retained on the 19mm sieve was removed from sample prior to compaction.

Approved Signatory: _____

A. Marshall

Issue 1
Certificate Number:
09KSL 52.xls

Certificate - 008/Rev.2/May2008



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Issued 27/01/2011

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TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 48
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp15/2

TEST DEPTH: 2.0-3.0m
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 13/01/2011

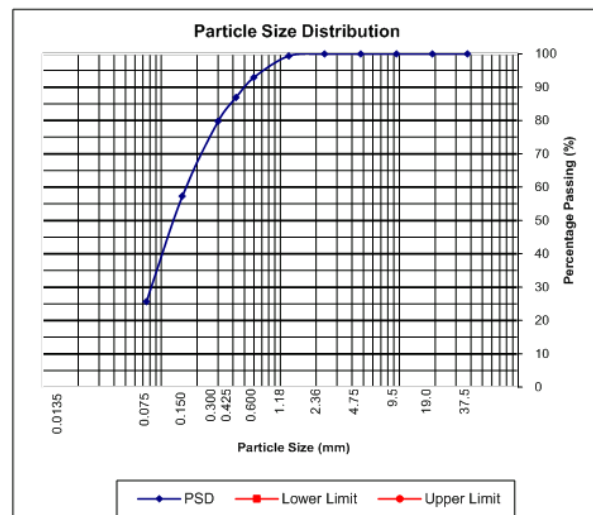
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	99
0.600	93
0.425	87
0.300	80
0.150	57
0.075	26

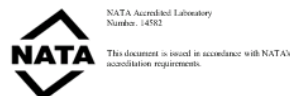
DUST RATIO

0.30



Notes

Approved Signatory: _____
A. Marshall



Issue 1
Document
09KSL 48.xls

Certificate - 004/Rev.3/July2009

Issued 24/01/2011

KIMBERLEY SOILS LABORATORY

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E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 39

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp15/2

TEST DEPTH: 2.0-3.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 15/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

23

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

1.6

NOTES:

Approved Signatory:

A. Marshall



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Issue 1
Document
09KSL 39.xls

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KIMBERLEY SOILS LABORATORY

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Gus Winckel Road, Broome, Western Australia 6725

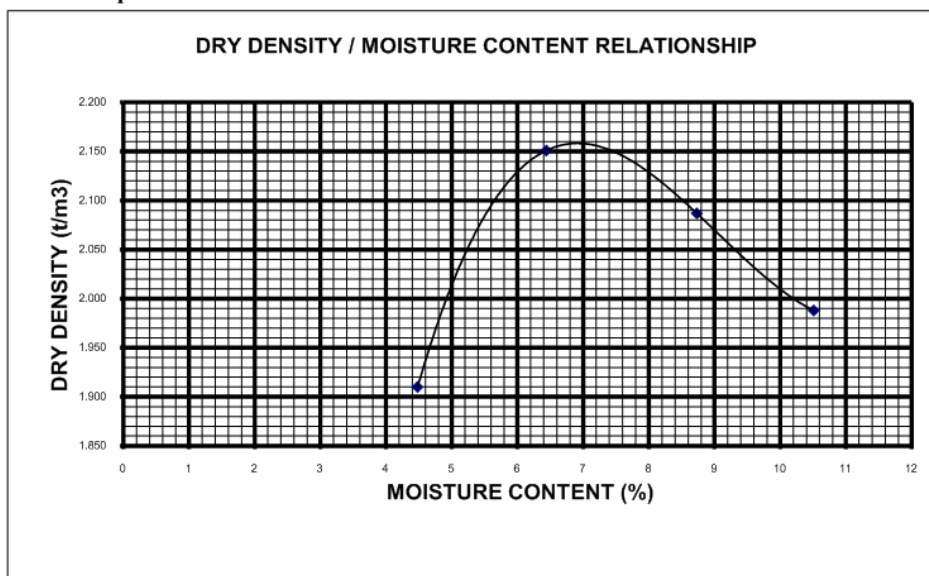
Mobile: 0410341636
Tel: (08) 9192 3126
Fax: (08) 9192 3012

PO Box 1897, Broome, WA 6725
E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE

MAXIMUM DRY DENSITY / OPTIMUM MOISTURE CONTENT TEST METHOD AS1289 5.2.1 - MODIFIED COMPACTION

CLIENT:	Galt Geotechnics	Sample No:	10KSL
PROJECT:	Lot 3082 Gubinge Rd		30
LOCATION:	Broome	Date Tested:	13/01/2011
Sample Details:	J1001114 Tp15/2 2.0-3.0m		
Material Description:	Pindan		



Maximum Dry Density:	2.160 t/m³
Optimum Moisture Content:	6.9 %
Adjusted Maximum Dry Density:	— %
Adjusted Optimum Moisture Content:	— %
Oversized Material (+19.0mm):	0.0 %
Oversized Material (+37.5mm):	— %
Field Moisture Content:	— %

Notes:

Approved Signatory:

A. Marshall

Issue 1
Document
09KSL 30.xls



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Certificate-006/Rev.2/May2008

Issued 24/01/2011

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Fax: (08) 91923012

PO Box 1897, Broome, WA 6725

E-mail: Kimberleysoils@westnet.com.au

TEST CERTIFICATE

CALIFORNIA BEARING RATIO (CBR)

TEST METHOD - AS1289 6.1.1

CLIENT:	Galt Geotechnics	Sample No:	10KSL
PROJECT:	Lot 3082 Gubinge Rd J1001114		53
LOCATION:	Broome	Date Moulded:	22/01/2011
Sample Details:	Tp15/2 2.0-3.0m	Date Tested:	26/01/2011
Sample Description:	Pindan	Tested By:	Rpatience

Maximum Dry Density (t/m ³):	2.160
Optimum Moisture Content (%):	6.9
Dry Density before soaking (t/m ³):	2.082
Moisture Content at compaction (%):	5.11
Dry Density Ratio before soaking (%):	96.4
Moisture Ratio before soaking (%):	74.1
Dry Density after soaking (t/m ³):	2.064
Moisture Content after soaking (%):	8.7
Dry Density Ratio after soaking (%):	95.6
Moisture Ratio after soaking (%):	126.5

Condition of test

Desired Density Ratio:	95
Desired Moisture Ratio:	100
Number of days soaked:	4
Number of Layers:	5
Surcharge Mass used (kg):	4.5
Percentage Swell:	0.0
Moisture Content - top 30mm after soaking (%):	7.99
Moisture Content - entire sample after soaking (%):	8.73
Penetration (mm):	2.5

California Bearing Ratio (%): **15**

NOTE: Material retained on the 19mm sieve was removed from sample prior to compaction.

Approved Signatory: _____

A. Marshall

Issue 1
Certificate Number:
09KSL 53.xls

Certificate - 008/Rev.2/May2008



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TRICON TESTING

Geotechnical Engineering Laboratory

5 / 8 Corbusier Place, Balcatta, WA 6021 ABN 12 529 845 438
tricontest@optusnet.com.au Ph: (08) 9240 1444 Fax: (08) 9240 1044

REPORT CERTIFICATE

TT 06406001 PSD Page 1 of 1

Determination of the Particle Size Distribution of a Soil
Standard method of analysis by sieving
-according to AS 1289.3.6.1 - 1995

CLIENT : Galt Geotechnics Pty Ltd (Job # J1001114)

JOB NO : 1011406

PROJECT : Lot 3082 Gubinge Road (NBY)

Lab No. : TT 06406001

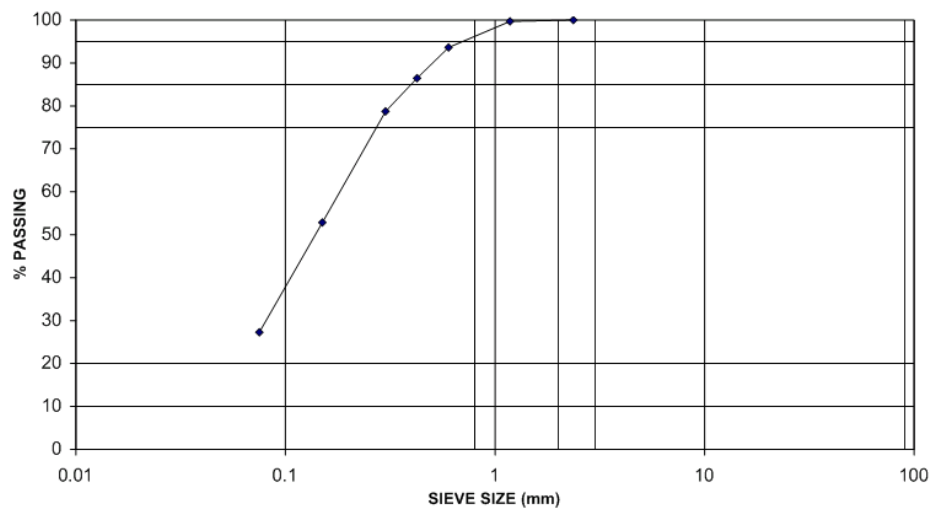
LOCATION : Broome

Date Tested : Jan - Feb 201

Sample Id : TP 15/3, Depth : 2m

Sample Description : Dark Reddish Brown, Silty Sand with Clay

PARTICLE SIZE DISTRIBUTION PLOT / DATA



Sieve Size (mm)	% Passing
19.0	-
9.50	-
4.75	-
2.36	100
1.18	100
0.600	94
0.425	86
0.300	79
0.150	53
0.075	27

Notes : Sample supplied by client
Method of Preparation: Wet Sieved

Authorised Signatory :

(S. Brodie)
(S. Brodie)

Date : 9/02/2011

Form No AS1289361 06/1 R



TRICON TESTING

Geotechnical Engineering Laboratory

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REPORT CERTIFICATE

TT 06406001 PI&LS Page 1 of 1

Determination of the Atterberg Limits & Linear Shrinkage of a Soil

by Casagrande method

-according to AS 1289.3.1.1, 3.2.1, 3.3.1 & 3.4.1 - 1995

CLIENT :	Galt Geotechnics Pty Ltd (Job # J1001114)	JOB NO :	1011406
PROJECT :	Lot 3082 Gubinge Road (NBY)	Lab No. :	TT 06406001
LOCATION :	Broome	Date Tested :	Jan - Feb 2011


Sample Id : TP 15/3, Depth : 2m
Sample Description : Dark Reddish Brown, Silty Sand with Clay

TEST RESULTS

Liquid Limit (AS 1289.3.1.1)	23 %
Plastic Limit (AS 1289.3.2.1)	19 %
Plastic Index (AS 1289.3.3.1)	4 %
Linear Shrinkage (AS 1289.3.4.1)	1.5 %

Test Notes	Sample supplied by client
Methods of Preparation	Air Dried
	Dry Seived
Nature of Shrinkage	

Authorised Signatory :


 (S. Brodie)

Date : 9/02/2011

Form No AS1289331 06/1 R



TRICON TESTING

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ONE-DIMENSIONAL CONSOLIDATION TEST

-Collapse Potential method - SMFE(SA)

REPORT CERTIFICATE

TT 06406001 CONSOL Page 1 of 3

CLIENT : Galt Geotechnics Pty Ltd (Job # J1001114)

PROJECT : Lot 3082 Gubinge Road (NBY)

Sample Id : TP 15/3, Depth : 2m

Specimen Details : **Placement** **Final**

Height : 20.00 19.09

Dry Density (t/m³) : 1.715 1.797

Moisture Content (%) : 6.6 6.6

Void Ratio : 0.562 0.491

Degree of Saturation : 31.4 35.9

JOB NO : 1011406

LOCATION : Broome

Lab No. : TT 06406001A

Date Tested : Jan - Feb 2011

Sample Description :

Dark Reddish Brown, Silty Sand with Clay

Sampling Details :

insitu block sample

CONSOLIDATION DATA (Natural Moisture Content)

Confining Pressure kPa	Specimen Height (mm)	Specimen Deflection (mm)	Specimen Settlement (%)	Void Ratio e
Initial	20.000	0.000	0.00	0.5623
1.0	19.991	0.009	0.05	0.5616
2.8	19.986	0.014	0.07	0.5612
4.9	19.981	0.019	0.09	0.5609
9.2	19.967	0.033	0.17	0.5598
17	19.948	0.052	0.26	0.5583
34	19.908	0.092	0.46	0.5552
69	19.839	0.161	0.81	0.5498
154	19.706	0.294	1.47	0.5394
343	19.556	0.444	2.22	0.5277
686	19.398	0.602	3.01	0.5153
1371	19.248	0.752	3.76	0.5036
2742	19.093	0.907	4.54	0.4915

Notes : An assumed particle density of 2.68 t/m³ has been used to determine void ratio
Sample supplied by client

Authorised Signatory :


(S. Brodie)

Date : 9/02/2011

Form No AS1289.6.1.1/1 05/1R



TRICON TESTING

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ONE-DIMENSIONAL CONSOLIDATION TEST

-Collapse Potential method - SMFE(SA)

REPORT CERTIFICATE

TT 06406001 CONSOL Page 2 of 3

CLIENT : Galt Geotechnics Pty Ltd (Job # J1001114)

PROJECT : Lot 3082 Gubinge Road (NBY)

Sample Id : TP 15/3, Depth : 2m

Specimen Details :	Placement	Final
Height :	20.00	18.71
Dry Density (t/m ³) :	1.716	1.835
Moisture Content (%) :	6.6	17.2
Void Ratio :	0.562	0.461
Degree of Saturation :	31.4	100.0

JOB NO : 1011406

LOCATION : Broome

Lab No. : TT 06406001B

Date Tested : Jan - Feb 2011

Sample Description :

Dark Reddish Brown, Silty Sand with Clay

Sampling Details :

insitu block sample

CONSOLIDATION DATA (Soaked)

Confining Pressure kPa	Specimen Height (mm)	Specimen Deflection (mm)	Specimen Settlement (%)	Void Ratio e
Initial	20.000	0.000	0.00	0.5615
1.0	20.000	0.000	0.00	0.5615
1.0 **	19.873	0.127	0.63	0.5516
2.8	19.858	0.142	0.71	0.5504
4.9	19.823	0.177	0.88	0.5477
9.2	19.745	0.255	1.28	0.5416
17	19.639	0.361	1.81	0.5333
34	19.506	0.494	2.47	0.5229
69	19.383	0.617	3.09	0.5133
154	19.216	0.784	3.92	0.5003
343	19.073	0.927	4.64	0.4891
686	18.952	1.048	5.24	0.4797
1371	18.830	1.170	5.85	0.4702
2742	18.709	1.291	6.46	0.4607

Notes : An assumed particle density of 2.68 t/m³ has been used to determine void ratio

Sample supplied by client

** Specimen was inundated at the start of this stage

Authorised Signatory :


(S. Brodie)

Date : 9/02/2011

Form No AS1289.6.1.1/1 05/1R



TRICON TESTING

Geotechnical Engineering Laboratory

ONE-DIMENSIONAL CONSOLIDATION TEST

-Collapse Potential method - SMFE(SA)

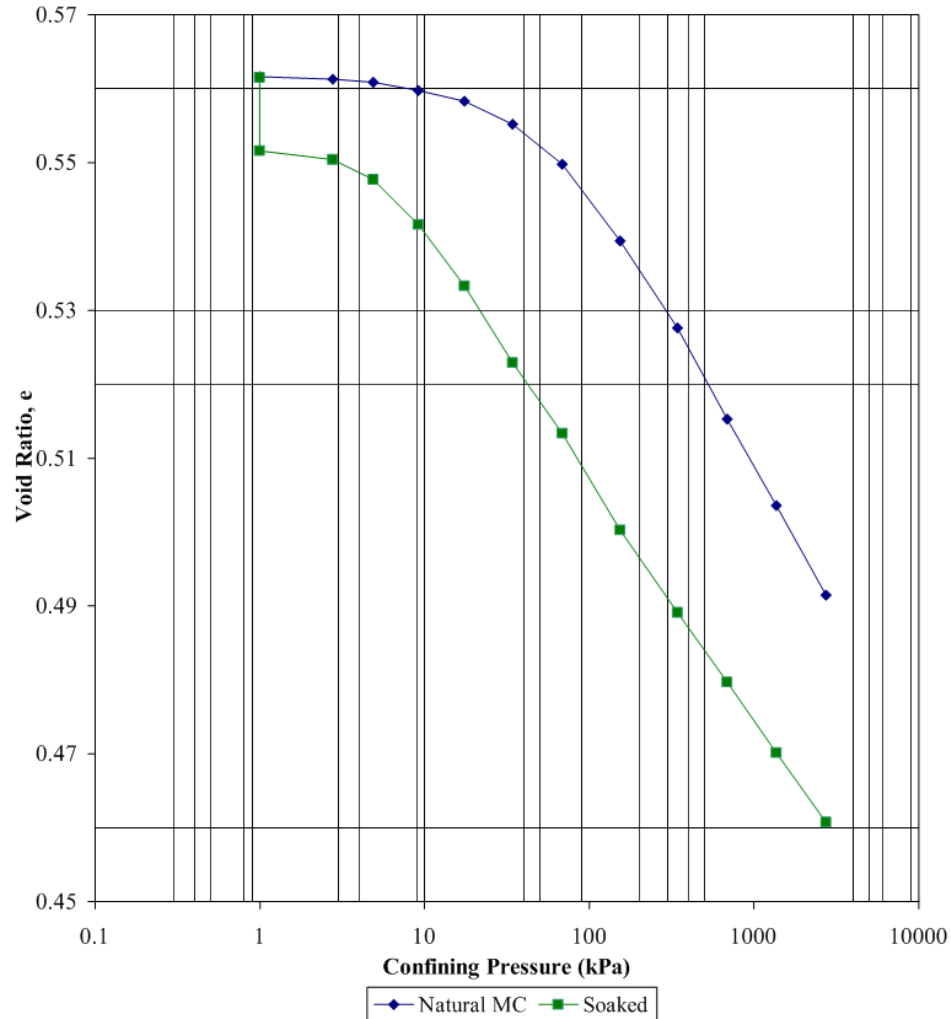
REPORT CERTIFICATE

TT 06406001 CONSOL Page 3 of 3

CLIENT : Galt Geotechnics Pty Ltd (Job # J1001114)
PROJECT : Lot 3082 Gubinge Road (NBY)
Sample Id : TP 15/3, Depth : 2m

JOB NO : 1011406
LOCATION : Broome
Lab No. : TT 06406001

VOID RATIO Vs CONFINING PRESSURE PLOT



Authorised Signatory :

(S. Brodie)
 (S. Brodie)

Date : 9/02/2011

Form No AS1289.6.1.1/1 05/1R



KIMBERLEY SOILS LABORATORY

Surfmet Pty Ltd trading as Kimberley Soils Laboratory ABN 40 109 682 493

Gus Winckel Road, Broome, Western Australia 6725

Tel: 0410 341 636
Phone: (08) 9192 3126
Fax: (08) 9192 3012

PO Box 1897, Broome, WA 6725
E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 49
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp23/1

TEST DEPTH: 0.0-1.0
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 13/01/2011

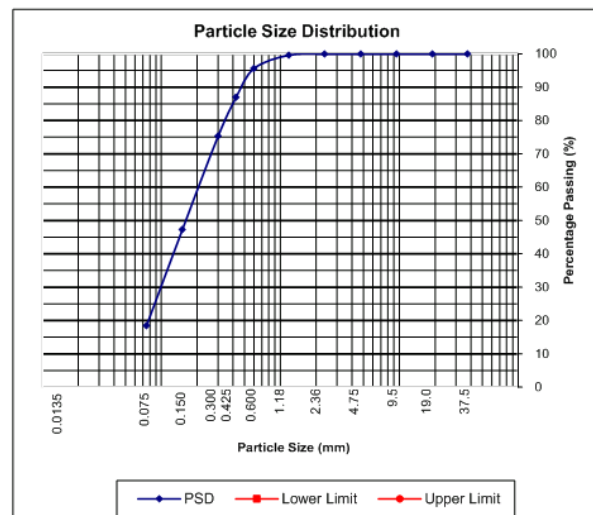
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	96
0.425	87
0.300	75
0.150	47
0.075	18

DUST RATIO

0.21



Notes

Approved Signatory: _____
A. Marshall



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E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 40

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp23/1

TEST DEPTH: 0.0-1.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 14/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%
(AS1289 3.1.2)

21

PLASTIC LIMIT (%):
(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):
(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):
(AS 1289 3.4.1)

0

NOTES:

Approved Signatory:

A. Marshall



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Tel: (08) 9192 3126
Fax: (08) 9192 3012

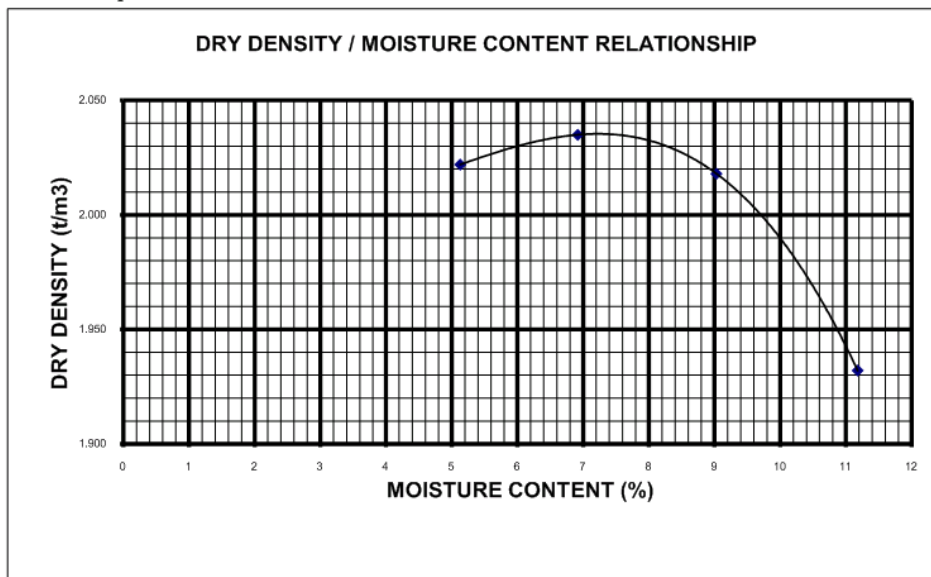
PO Box 1897, Broome, WA 6725
E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE

MAXIMUM DRY DENSITY / OPTIMUM MOISTURE CONTENT TEST METHOD AS1289 5.2.1 - MODIFIED COMPACTION

CLIENT: Galt Geotechnics
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
Sample Details: J1001114 Tp23/1 0.0-1.0m
Material Description: Pindan

Sample No: 10KSL
Date Tested: 31/01/2011



Maximum Dry Density: 2.040 t/m³
Optimum Moisture Content: 7.3 %
Adjusted Maximum Dry Density: - %
Adjusted Optimum Moisture Content: - %
Oversized Material (+19.0mm): 0.0 %
Oversized Material (+37.5mm): - %
Field Moisture Content: - %

Notes:

Approved Signatory:

A. Marshall



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Fax: (08) 91923012

PO Box 1897, Broome, WA 6725
E-mail: Kimberleysoils@westnet.com.au

TEST CERTIFICATE CALIFORNIA BEARING RATIO (CBR) TEST METHOD - AS1289 6.1.1

CLIENT:	Galt Geotechnics	Sample No:	10KSL
PROJECT:	Lot 3082 Gubinge Rd J1001114		54
LOCATION:	Broome	Date Moulded:	22/01/2011
Sample Details:	Tp23/1 0.0-1.0m	Date Tested:	26/01/2011
Sample Description:	Pindan	Tested By:	Rpatience

Maximum Dry Density (t/m ³):	2.040
Optimum Moisture Content (%):	7.3
Dry Density before soaking (t/m ³):	1.955
Moisture Content at compaction (%):	5.69
Dry Density Ratio before soaking (%):	95.9
Moisture Ratio before soaking (%):	77.9
Dry Density after soaking (t/m ³):	1.971
Moisture Content after soaking (%):	9.2
Dry Density Ratio after soaking (%):	96.6
Moisture Ratio after soaking (%):	125.3

Condition of test

Desired Density Ratio:	95
Desired Moisture Ratio:	100
Number of days soaked:	4
Number of Layers:	5
Surcharge Mass used (kg):	4.5
Percentage Swell:	0.0
Moisture Content - top 30mm after soaking (%):	8.71
Moisture Content - entire sample after soaking (%):	9.15
Penetration (mm):	5.0

California Bearing Ratio (%): 8

NOTE: Material retained on the 19mm sieve was removed from sample prior to compaction.

Approved Signatory: _____
A. Marshall

Issue 1
Certificate Number:
09KSL 54.xls

Certificate - 008/Rev.2/May2008



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E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 50
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp23/2

TEST DEPTH: ~~0.0-1.0~~ 1.0-2.0m
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 13/01/2011

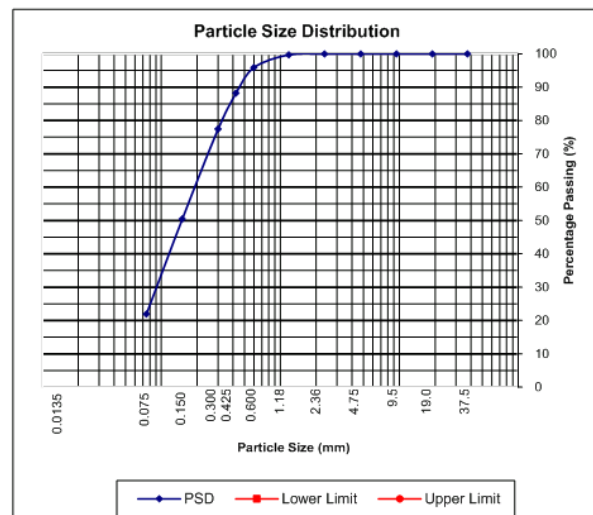
TEST METHODS USED

SAMPLING AND PREPERATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	96
0.425	88
0.300	77
0.150	50
0.075	22

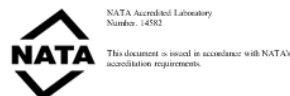
DUST RATIO

0.25



Notes

Approved Signatory: _____
A. Marshall



Issue 1
Document
09KSL 50.xls

Certificate - 004/Rev.3/July2009

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TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 41

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp23/2

TEST DEPTH: 1.0-2.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 14/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

22

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

0.8

NOTES:

Approved Signatory:

A. Marshall



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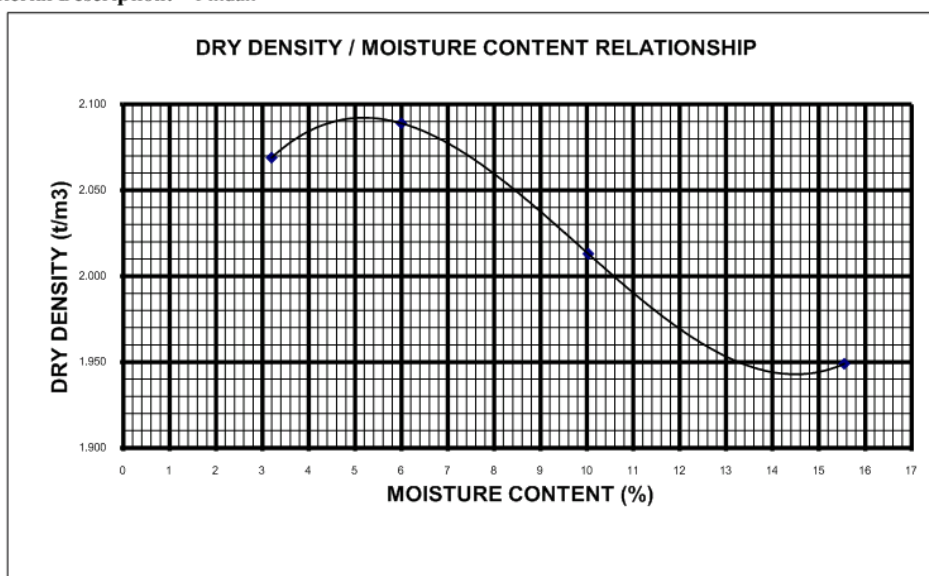
TEST CERTIFICATE

MAXIMUM DRY DENSITY / OPTIMUM MOISTURE CONTENT

TEST METHOD AS1289 5.2.1 - MODIFIED COMPACTION

CLIENT: Galt Geotechnics
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
Sample Details: J1001114 Tp23/2 1.0-2.0m
Material Description: Pindan

Sample No: 10KSL
Date Tested: 12/01/2011



Maximum Dry Density: 2.090 t/m³
Optimum Moisture Content: 5.3 %
Adjusted Maximum Dry Density: - %
Adjusted Optimum Moisture Content: - %
Oversized Material (+19.0mm): 0.0 %
Oversized Material (+37.5mm): - %
Field Moisture Content: - %

Notes:

Approved Signatory:

A. Marshall



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E-mail: Kimberleysoils@westnet.com.au

TEST CERTIFICATE

CALIFORNIA BEARING RATIO (CBR)

TEST METHOD - AS1289 6.1.1

CLIENT:	Galt Geotechnics	Sample No:	10KSL
PROJECT:	Lot 3082 Gubinge Rd J1001114		55
LOCATION:	Broome	Date Moulded:	22/01/2011
Sample Details:	TP23/2 1.0-2.0m	Date Tested:	26/01/2011
Sample Description:	Pindan	Tested By:	Rpatience

Maximum Dry Density (t/m ³):	2.090
Optimum Moisture Content (%):	5.3
Dry Density before soaking (t/m ³):	2.093
Moisture Content at compaction (%):	5.11
Dry Density Ratio before soaking (%):	100.2
Moisture Ratio before soaking (%):	96.4
Dry Density after soaking (t/m ³):	2.195
Moisture Content after soaking (%):	5.0
Dry Density Ratio after soaking (%):	105.0
Moisture Ratio after soaking (%):	93.8

Condition of test

Desired Density Ratio:	95
Desired Moisture Ratio:	100
Number of days soaked:	4
Number of Layers:	5
Surcharge Mass used (kg):	4.5
Percentage Swell:	-0.1
Moisture Content - top 30mm after soaking (%):	9.21
Moisture Content - entire sample after soaking (%):	4.97
Penetration (mm):	5.0

California Bearing Ratio (%): **10**

NOTE: Material retained on the 19mm sieve was removed from sample prior to compaction.

Approved Signatory: _____

A. Marshall

Issue 1
Certificate Number:
09KSL 55.xls

Certificate - 008/Rev.2/May2008



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Number: 14582

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KIMBERLEY SOILS LABORATORY

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PO Box 1897, Broome, WA 6725
E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE AS1289 3.6.1 SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics
SAMPLE No: 10KSL 51
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
DESCRIPTION: Pindan J1001114 Tp30/1

TEST DEPTH: 0.0-1.0
PROPOSED USE:
RECEIVED DATE: 11/01/2011
TEST DATE: 12/01/2011

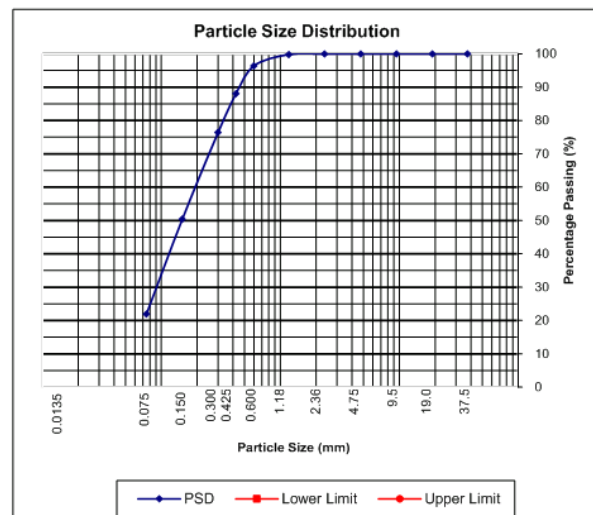
TEST METHODS USED

SAMPLING AND PREPARATION AS1289 .1
PARTICLE SIZE DISTRIBUTION AS1289 3.6.1

SIEVE SIZE (mm)	% PASSING
75.0	100
37.5	100
19.0	100
9.5	100
4.75	100
2.36	100
1.18	100
0.600	96
0.425	88
0.300	76
0.150	50
0.075	22

DUST RATIO

0.25



Notes

Approved Signatory: _____
A. Marshall



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Number: 14582

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Issue 1
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PO Box 1987, Broome, WA 6725

E-mail: kimberleysoils@westnet.com.au

TEST CERTIFICATE AS SOIL CLASSIFICATION TEST

CLIENT: Galt Geotechnics

SAMPLE No: 10KSL 42

PROJECT: Lot 3082 Gubinge Rd

LOCATION: Broome

DESCRIPTION: Pindan Tp30/1

TEST DEPTH: 0.0-1.0m

PROPOSED USE: -

RECEIVED DATE: 11/01/2011

TEST DATE: 15/01/2011

TEST METHODS USED

SAMPLED & PREPARED AS 1289.1

MOISTURE CONTENT (oven drying) AS 1289.2.1.1

Liquid Limit%

(AS1289 3.1.2)

20

PLASTIC LIMIT (%):

(AS 1289 3.2.1)

Not Obtainable

PLASTICITY INDEX (%):

(AS 1289 3.3.1)

Not Obtainable

LINEAR SHRINKAGE (%):

(AS 1289 3.4.1)

0

NOTES:

Approved Signatory:

A. Marshall



NATA Accredited Laboratory
Number: 14582

This document is issued in accordance with NATA's
accreditation requirements.

Issue 1
Document
09KSL 42.xls

Certificate - 001/Rev.3/July2009

Issued 24/01/2011

KIMBERLEY SOILS LABORATORY

Surfmet Pty Ltd trading as Kimberley Soils Laboratory ABN 40 109 682 493

Gus Winckel Road, Broome, Western Australia 6725

Mobile: 0410341636

Tel: (08) 9192 3126

Fax: (08) 9192 3012

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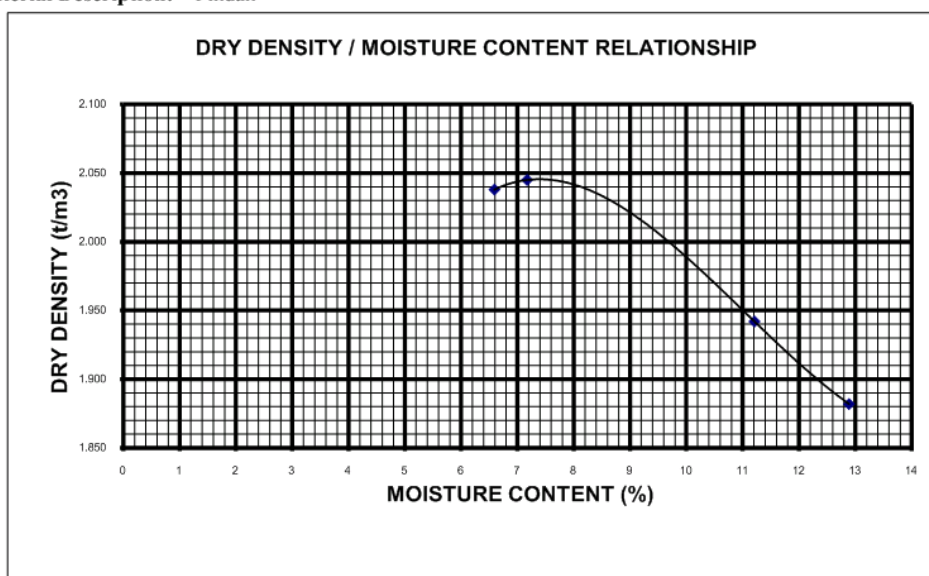
TEST CERTIFICATE

MAXIMUM DRY DENSITY / OPTIMUM MOISTURE CONTENT

TEST METHOD AS1289 5.2.1 - MODIFIED COMPACTION

CLIENT: Galt Geotechnics
PROJECT: Lot 3082 Gubinge Rd
LOCATION: Broome
Sample Details: J1001114 Tp30/1 0.0-1.0m
Material Description: Pindan

Sample No: 10KSL
Date Tested: 12/01/2011



Maximum Dry Density: 2.050 t/m³
Optimum Moisture Content: 7.3 %
Adjusted Maximum Dry Density: - %
Adjusted Optimum Moisture Content: - %
Oversized Material (+19.0mm): 0.0 %
Oversized Material (+37.5mm): - %
Field Moisture Content: - %

Notes:

Approved Signatory:

A. Marshall



NATA Accredited Laboratory
 Standard: 14562

This document is issued in accordance with NATA's accreditation requirements

Issue 1
 Document
 09KSL 33.xls

Certificate-006/Rev.2/May2008

Issued 24/01/2011

KIMBERLEY SOILS LABORATORY

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E-mail: Kimberleysoils@westnet.com.au

TEST CERTIFICATE CALIFORNIA BEARING RATIO (CBR) TEST METHOD - AS1289 6.1.1

CLIENT:	Galt Geotechnics	Sample No:	10KSL
PROJECT:	GuBinge Rd		56
LOCATION:	Broome	Date Moulded:	22/01/2011
Sample Details:	Tp30/1 0.0-1.0	Date Tested:	26/01/2011
Sample Description:	Pindan	Tested By:	R.Patience

Maximum Dry Density (t/m ³):	2.050
Optimum Moisture Content (%):	7.3
Dry Density before soaking (t/m ³):	1.982
Moisture Content at compaction (%):	6.04
Dry Density Ratio before soaking (%):	96.7
Moisture Ratio before soaking (%):	82.8
Dry Density after soaking (t/m ³):	1.995
Moisture Content after soaking (%):	9.3
Dry Density Ratio after soaking (%):	97.3
Moisture Ratio after soaking (%):	127.1

Condition of test

Desired Density Ratio:	95
Desired Moisture Ratio:	100
Number of days soaked:	4
Number of Layers:	5
Surcharge Mass used (kg):	4.5
Percentage Swell:	0.0
Moisture Content - top 30mm after soaking (%):	9.52
Moisture Content - entire sample after soaking (%):	9.28
Penetration (mm):	5.0

California Bearing Ratio (%): 28

NOTE: Material retained on the 19mm sieve was removed from sample prior to compaction.

Approved Signatory: _____
A. Marshall

Issue 1
Certificate Number:
09KSL 56.xls

Certificate - 008/Rev.2/May2008



NATA Accredited Laboratory
Number: 14582
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Issued 27/01/2011



APPENDIX D

Permeability Test Results

www.galtgeo.com.au
2/54 Flynn St, WEMBLEY WA 6014

Galt Geotechnics Pty Ltd

ABN: 73 292 586 155

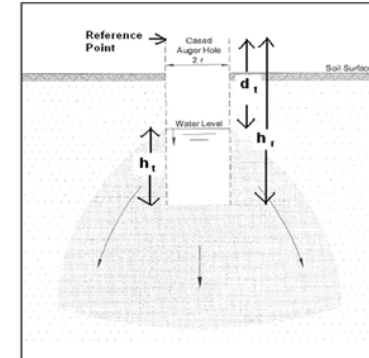
Permeability Calculation - Inverse Auger Hole Method

Galt Geotechnics

Spreadsheet author: ORW 17-Oct-09

REFERENCE: Cocks, G. *Disposal of Stormwater Runoff by Soakage in Perth Western Australia*, Journal and News of the Australian Geomechanics Society, Volume 42 No 3 September 2007, pp101-114

Job No: J1001114	$K = 1.15r \frac{\log_{10}(h_0 + \frac{1}{2}r) - \log_{10}(h_t + \frac{1}{2}r)}{t - t_0}$		Western Australia, Journal and News of the Australian Geomechanics Society, Volume 42 No 3 September 2007, pp101-114	
Client: NBY				
Site: Lot 3082 Gubinge Rd				
Location: Broome				
Calc by: HWC 18-Jan-11	Parameter	Description	Value	Units
BH Name: P1	K	Permeability		m/s
Spreadsheet Legend	r	radius of test hole	0.0575	m
	t	time since start of measurement		s
	h _r	reference point height above base	0.63	m
	d _t	depth from reference point to water at time t		m
	h _t	Water column height at time t		m
	h ₀	h _t at t=0		m



Test 1

t (s)	d _w (m)	h _t (m)	K (m/s)	K (m/day)
0	0.105	0.525		
30	0.12	0.51	2.6E-05	2.3
60	0.135	0.495	2.7E-05	2.3
90	0.14	0.49	2.1E-05	1.8
120	0.155	0.475	2.3E-05	2.0
150	0.165	0.465	2.2E-05	1.9
180	0.17	0.46	2.0E-05	1.7
210	0.185	0.445	2.1E-05	1.8
240	0.19	0.44	2.0E-05	1.7
270	0.2	0.43	2.0E-05	1.7
300	0.205	0.425	1.9E-05	1.6
330	0.21	0.42	1.8E-05	1.6
360	0.215	0.415	1.8E-05	1.5
390	0.22	0.41	1.7E-05	1.5
AVERAGE			2.1E-05	1.8

Test 2

t (s)	d _w (m)	h _t (m)	K (m/s)	K (m/day)
0	0.1	0.53		
30	0.105	0.525	8.6E-06	0.7
60	0.12	0.51	1.7E-05	1.5
90	0.13	0.5	1.8E-05	1.5
120	0.14	0.49	1.8E-05	1.5
150	0.145	0.485	1.6E-05	1.4
180	0.155	0.475	1.7E-05	1.4
210	0.16	0.47	1.6E-05	1.3
240	0.17	0.46	1.6E-05	1.4
270	0.175	0.455	1.5E-05	1.3
300	0.18	0.45	1.5E-05	1.3
330	0.185	0.445	1.4E-05	1.2
360	0.195	0.435	1.5E-05	1.3
390	0.2	0.43	1.5E-05	1.3
AVERAGE			1.5E-05	1.3

Test 3

t (s)	d _w (m)	h _t (m)	K (m/s)	K (m/day)
0	0.1	0.53		
30	0.105	0.525	8.6E-06	0.7
60	0.115	0.515	1.3E-05	1.1
90	0.125	0.505	1.5E-05	1.3
120	0.13	0.5	1.3E-05	1.1
150	0.14	0.49	1.4E-05	1.2
180	0.145	0.485	1.3E-05	1.2
210	0.155	0.475	1.4E-05	1.2
240	0.16	0.47	1.4E-05	1.2
270	0.17	0.46	1.4E-05	1.2
300	0.18	0.45	1.5E-05	1.3
330	0.18	0.45	1.3E-05	1.2
360	0.185	0.445	1.3E-05	1.1
390	0.195	0.435	1.4E-05	1.2
AVERAGE			1.3E-05	1.2

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Permeability Calculation - Inverse Auger Hole Method

Galt Geotechnics

Spreadsheet author: ORW 17-Oct-09

REFERENCE: Cocks, G. *Disposal of Stormwater Runoff by Soakage in Perth Western Australia*, Journal and News of the Australian Geomechanics Society, Volume 42 No 3 September 2007, pp101-114

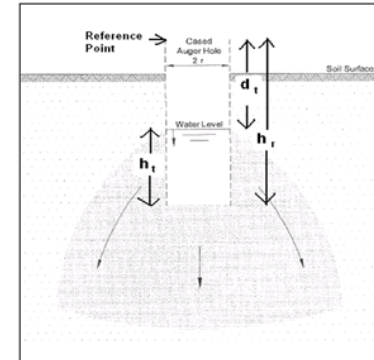
Job No:	J1001114
Client:	NBY
Site:	Lot 3082 Gubinge Rd
Location:	Broome
Calc by:	HWC 18-Jan-11
BH Name:	P2

$$K = 1.15r \frac{\log_{10}(h_0 + \frac{1}{2}r) - \log_{10}(h_t + \frac{1}{2}r)}{t - t_0}$$

Parameter	Description	Value	Units
K	Permeability		m/s
r	radius of test hole	0.0575	m
t	time since start of measurement		s
h_r	reference point height above base	0.63	m
d_t	depth from reference point to water at time t		m
h_t	Water column height at time t		m
h_0	h_t at $t=0$		m

Spreadsheet Legend

Required input
Calculated field
Comment field
Field not used
Fixed field



Test 1

t (s)	d_w (m)	h_t (m)	K (m/s)	K (m/day)
0	0.135	0.495		
30	0.17	0.46	6.6E-05	5.7
60	0.2	0.43	6.3E-05	5.5
90	0.23	0.4	6.4E-05	5.5
120	0.255	0.375	6.2E-05	5.4
150	0.27	0.36	5.7E-05	4.9
180	0.29	0.34	5.6E-05	4.8
210	0.305	0.325	5.4E-05	4.6
240	0.32	0.31	5.2E-05	4.5
270	0.335	0.295	5.1E-05	4.4
300	0.345	0.285	4.9E-05	4.2
330	0.37	0.26	5.2E-05	4.5
360	0.38	0.25	5.0E-05	4.3
390	0.39	0.24	4.9E-05	4.2
AVERAGE			5.6E-05	4.8

Test 2

t (s)	d_w (m)	h_t (m)	K (m/s)	K (m/day)
0	0.145	0.485		
30	0.17	0.46	4.8E-05	4.1
60	0.19	0.44	4.4E-05	3.8
90	0.215	0.415	4.7E-05	4.0
120	0.235	0.395	4.6E-05	4.0
150	0.25	0.38	4.4E-05	3.8
180	0.27	0.36	4.4E-05	3.8
210	0.285	0.345	4.4E-05	3.8
240	0.305	0.325	4.5E-05	3.9
270	0.32	0.31	4.4E-05	3.8
300	0.33	0.3	4.3E-05	3.7
330	0.345	0.285	4.3E-05	3.7
360	0.36	0.27	4.3E-05	3.7
390	0.365	0.265	4.1E-05	3.6
AVERAGE			4.4E-05	3.8

Test 3

t (s)	d_w (m)	h_t (m)	K (m/s)	K (m/day)
0	0.155	0.475		
30	0.18	0.45	4.9E-05	4.2
60	0.205	0.425	5.0E-05	4.3
90	0.22	0.41	4.4E-05	3.8
120	0.24	0.39	4.4E-05	3.8
150	0.255	0.375	4.2E-05	3.7
180	0.27	0.36	4.1E-05	3.6
210	0.28	0.35	3.9E-05	3.4
240	0.295	0.335	3.9E-05	3.4
270	0.31	0.32	3.9E-05	3.4
300	0.325	0.305	3.9E-05	3.4
330	0.335	0.295	3.8E-05	3.3
360	0.35	0.28	3.9E-05	3.4
390	0.36	0.27	3.8E-05	3.3
AVERAGE			4.2E-05	3.6

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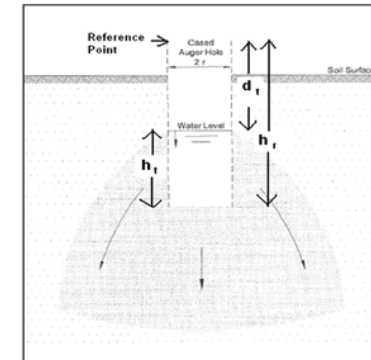
Permeability Calculation - Inverse Auger Hole Method

Galt Geotechnics

Spreadsheet author: ORW 17-Oct-09

REFERENCE: Cocks, G. *Disposal of Stormwater Runoff by Soakage in Perth Western Australia*, Journal and News of the Australian Geomechanics Society, Volume 42 No 3 September 2007, pp101-114

Job No: J1001114	$K = 1.15r \frac{\log_{10}(h_0 + \frac{1}{2}r) - \log_{10}(h_t + \frac{1}{2}r)}{t - t_0}$	Western Australia, Journal and News of the Australian Geomechanics Society, Volume 42 No 3 September 2007, pp101-114		
Client: NBY				
Site: Lot 3082 Gubinge Rd				
Location: Broome				
Calc by: HWC 18-Jan-11	Parameter	Description	Value	Units
BH Name: P3	K	Permeability		m/s
Spreadsheet Legend	r	radius of test hole	0.0575	m
	t	time since start of measurement		s
	h _r	reference point height above base	0.63	m
	d _t	depth from reference point to water at time t		m
	h _t	Water column height at time t		m
	h ₀	h _t at t=0		m



Test 1

t (s)	d _w (m)	h _t (m)	K (m/s)	K (m/day)
0	0.14	0.49		
30	0.16	0.47	3.8E-05	3.3
60	0.18	0.45	3.8E-05	3.3
90	0.195	0.435	3.6E-05	3.1
120	0.215	0.415	3.7E-05	3.2
150	0.225	0.405	3.4E-05	3.0
180	0.245	0.385	3.6E-05	3.1
210	0.25	0.38	3.3E-05	2.8
240	0.26	0.37	3.1E-05	2.7
270	0.27	0.36	3.1E-05	2.7
300	0.275	0.355	2.9E-05	2.5
330	0.285	0.345	2.9E-05	2.5
360	0.29	0.34	2.7E-05	2.4
390	0.295	0.335	2.6E-05	2.3
AVERAGE			3.3E-05	2.8

Test 2

t (s)	d _w (m)	h _t (m)	K (m/s)	K (m/day)
0	0.135	0.495		
30	0.15	0.48	2.8E-05	2.4
60	0.17	0.46	3.3E-05	2.9
90	0.185	0.445	3.2E-05	2.8
120	0.2	0.43	3.2E-05	2.7
150	0.205	0.425	2.7E-05	2.4
180	0.22	0.41	2.8E-05	2.4
210	0.23	0.4	2.7E-05	2.4
240	0.24	0.39	2.7E-05	2.3
270	0.245	0.385	2.5E-05	2.2
300	0.25	0.38	2.4E-05	2.1
330	0.26	0.37	2.4E-05	2.1
360	0.27	0.36	2.4E-05	2.1
390	0.275	0.355	2.3E-05	2.0
AVERAGE			2.7E-05	2.4

Test 3

t (s)	d _w (m)	h _t (m)	K (m/s)	K (m/day)
0	0.135	0.495		
30	0.15	0.48	2.8E-05	2.4
60	0.165	0.465	2.8E-05	2.4
90	0.18	0.45	2.9E-05	2.5
120	0.19	0.44	2.7E-05	2.3
150	0.205	0.425	2.7E-05	2.4
180	0.21	0.42	2.5E-05	2.1
210	0.22	0.41	2.4E-05	2.1
240	0.225	0.405	2.3E-05	1.9
270	0.235	0.395	2.3E-05	1.9
300	0.24	0.39	2.1E-05	1.9
330	0.25	0.38	2.2E-05	1.9
360	0.255	0.375	2.1E-05	1.8
390	0.26	0.37	2.0E-05	1.7
AVERAGE			2.4E-05	2.1

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APPENDIX E

Understanding Your Geotechnical Engineering Report

www.galtgeo.com.au
2/54 Flynn St, WEMBLEY WA 6014

Galt Geotechnics Pty Ltd

ABN: 73 292 586 155



UNDERSTANDING YOUR GEOTECHNICAL ENGINEERING REPORT

GALT FORM PMP11 Rev1

1. EXPECTATIONS OF A GEOTECHNICAL ENGINEERING REPORT

This document has been prepared to clarify what is and is not provided in your geotechnical report. It is intended to inform you of what your realistic expectations of this report should be and how to manage your risks associated with geotechnical conditions.

Geotechnical engineering is a less exact science than other engineering disciplines. We include this information to help you understand where our responsibilities as geotechnical engineers begin and end, to help the client recognise his responsibilities and risks. You should read and understand this information. Please contact us if you do not understand the report or this explanation. We have extensive experience in a wide variety of geotechnical problems and we can help you to manage your risk.

2. THIS REPORT RELATES TO PROJECT-SPECIFIC CONDITIONS

This report was developed for a unique set of project-specific conditions to meet the needs of the nominated client. It took into account the following :

- ✦ The project objectives as we understood them and as described in this report;
- ✦ the specific site mentioned in this report; and
- ✦ the current and proposed development at the site.

It should not be used for any purpose other than that indicated in the report. You should not rely on this geotechnical report if any of the following conditions apply:

- ✦ the report was not written for you;
- ✦ the report was not written for the site specific to your development;
- ✦ the report was not written for your project (including a development at the correct site but other than that listed in the report); or
- ✦ the report was written before significant changes occurred at the site (such as a development or a change in ground conditions).

You should always inform us of changes in the proposed project (including minor changes) and request an assessment of their impact.

Where we are not informed of developments relevant to your geotechnical engineering report, we cannot be held responsible or liable for problems that may arise as a consequence.

Where design is to be carried out by others using information provided by us, we recommend that we be involved in the design process by being engaged for consultation with other members of the design team and by being able to review work produced by other members of the design team which relies on geotechnical information provided in our report.

Galt Geotechnics Pty Ltd

www.galtgeo.com.au
2/54 Flynn St, WEMBLEY WA 6014

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ABN: 73 292 586 155

Form PMP11 Rev1
16 December 2009



3. GEOTECHNICAL ENGINEERING LOGS

Our reports often include logs of intrusive and non-intrusive geotechnical investigation techniques. These logs are based on our interpretation of field data and laboratory results. The logs should only be read in conjunction with the report they were issued with and should not be re-drawn for inclusion in other documents not prepared by us.

4. THIRD PARTY RELIANCE

We have prepared this report for use by the client. This report must be regarded as confidential to the client and the client's professional advisors. We do not accept any responsibility for contents of this document from any party other than the nominated client. We take no responsibility for any damages suffered by a third party as a consequence of any decisions or actions they may make based on this report. Any reliance or decisions made by a third party based on this report are the responsibility of the third party and not of us.

5. CHANGE IN SUBSURFACE CONDITIONS

The geotechnical recommendations in this report are based on the ground conditions that existed at the time when the study was undertaken. Changes in ground conditions can occur in numerous ways including as a result of anthropogenic events (such as construction on or adjacent to the site) or natural events (such as floods, groundwater fluctuations or earthquakes). We should be consulted prior to use of this report so that we can comment on its reliability. It is important to note that where ground conditions have changed, additional sampling, testing or analysis may be required to fully assess the changed conditions.

6. SUBSURFACE CONDITIONS DURING CONSTRUCTION

Practical constraints mean that we cannot know every minute detail about the subsurface conditions at a particular site. We use engineering judgement to form an opinion about the subsurface conditions at the site. Some variation to our evaluated conditions is likely and significant variation is possible. Accordingly, our report should not be considered as final as it is developed from engineering judgement and opinion.

The most effective means of dealing with unanticipated ground conditions is to engage us for construction support. We can only finalise our recommendations by observing actual subsurface conditions encountered during construction. We cannot accept liability for a report's recommendations if we cannot observe construction.

7. ENVIRONMENTAL ISSUES

Unless specifically mentioned otherwise in our report, environmental considerations are not included. The investigation techniques used by us in developing our report differ from those for an environmental investigation. Our report was not prepared with environmental considerations in mind and it is the client's responsibility to satisfy himself that environmental considerations have been taken into account for the site. If you require guidance on how to proceed on evaluating environmental risk at the site, we can provide further information and contacts.

O:\Administration\Standard Forms and Documents\PMP11 Understanding your Geotechnical Engineering Report.docx

Galt Geotechnics Pty Ltd

www.galtgeo.com.au
2/54 Flynn St, WEMBLEY WA 6014

Page | 2

ABN: 73 292 586 155



Nyamba Buru Yawuru Ltd

Cable Beach Road East Flora and Fauna Assessment

July 2016

Executive summary

Nyamba Buru Yawuru Ltd (NBY), the operating arm of the Yawuru Private Body Corporate is proposing to develop a site on Cable Beach Road East, located in the Shire of Broome. A Level 1 flora and fauna assessment of the site was undertaken in 2011. This assessment identified one priority flora species, potential habitat for Threatened fauna species and recommended additional survey to assess the potential presence of a Priority Ecological Community within the site.

GHD Pty Ltd was commissioned by NBY to undertake a single season Level 2 flora and fauna assessment of the site (the 'survey area'). The purpose of the assessment was to expand on the previous survey completed and identify key flora, vegetation and fauna constraints within the survey area.

This report is subject to, and must be read in conjunction with, the limitations set out in section 1.6 and the assumptions and qualifications contained throughout the Report.

Key findings

- One Environmentally Sensitive Area (ESA) intersects the entirety of the survey area; this ESA is likely aligned with the Roebuck Bay mudflats Threatened Ecological Community and covers the entirety of Broome and the surrounding area. No Department of Parks and Wildlife (DPAW) conservation reserves or estate intersects the survey area.
- The survey area comprised one vegetation association, which was not considered representative of any Commonwealth or State-listed Threatened or Priority Ecological Communities, other significant vegetation as defined by the EPA (2004a) nor considered to be growing in association with watercourses or wetlands.
- The vegetation condition within the survey area was rated from condition 4 to 6. The majority of the survey area was rated condition 4, with the southern part of the survey area and areas adjacent to tracks and roads rated condition 5 and an old drainage area that had been historically cleared rated as condition 6.
- One hundred and six flora taxa were recorded within the survey area during the field survey, this included 96 native flora taxa and 10 introduced flora taxa. Of the native flora taxa recorded by Eco Logical, 91% were also recorded by GHD. All of the introduced taxa recorded are considered environmental weeds, with the exception of *Jatropha gossypifolia* and *Ziziphus mauritiana*, which are listed as Declared Pests under the Biosecurity and Management Act 2007.
- No flora taxa listed under the *Environment Protection and Biodiversity Conservation Act 1999* or *Wildlife Conservation Act 1950* were recorded within the survey area, however, three Department of Parks and Wildlife Priority listed flora taxa, *Polymeria* sp. Broome (K.F. Kenneally 9759) (Priority 1), *Aphyllodium parvifolium* (Priority 1) and *Phyllanthus eremicus* (Priority 3) were recorded. A single individual of *Corymbia paractia* was previously recorded within the survey area by Eco Logical (2011). This individual could not be relocated during the March 2016 field survey. A likelihood of occurrence assessment conducted post-field survey concluded that in addition to the three known Priority flora taxa, one taxon may possibly occur (*C. paractia*) and the remaining 18 taxa are unlikely to occur within the survey area.
- One fauna habitat type was recorded in the survey area and aligns closely with the vegetation association identified above. This habitat is broadly represented in the local and regional areas.

- Eight species of conservation significance were recorded or are likely to occur in the survey area: Northern Brushtail Possum (*Trichosurus vulpecula amhemensis*), Rainbow Bee-eater (*Merops ornatus*), Peregrine Falcon (*Falco peregrinus*), Osprey (*Pandion haliaetus*), Little North-western Mastiff Bat (*Ozimops cobourgianus*), Grey Falcon (*Falco hypoleucos*), Dampierlands Slider (*Lerista separanda*) and Dampierland Burrowing Snake (*Simoselaps minimus*).
- Of the species listed above the Peregrine Falcon, Osprey, Little North-western Mastiff Bat and Grey Falcon are likely utilise the survey area opportunistically. The survey area is unlikely to provide breeding habitat for any of these species, therefore the habitat within the survey is not considered important habitat for these species. The remaining species, the Rainbow Bee-eater, Northern Brushtail Possum, Dampierlands Slider and Dampierlands Burrowing Snake may persist in the survey area and utilise the habitat available for foraging and/or breeding.

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Appendices

Appendix A – Figures

Appendix B – Relevant legislation, conservation codes and background information

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Appendix D – Flora data

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1. Introduction

1.1 Background

Nyamba Buru Yawuru Ltd (NBY), the operating arm of the Yawuru Private Body Corporate is proposing to develop a site on Cable Beach Road East, located in the Shire of Broome. A Level 1 flora and fauna assessment of the site was undertaken in 2011 by Eco Logical Australia. This assessment identified one Priority flora species, potential habitat for Threatened fauna species and recommended additional survey to assess the potential presence of a Priority Ecological Community within the site.

1.2 Purpose of this report

GHD Pty Ltd (GHD) was commissioned by NBY to undertake a single season Level 2 flora and fauna assessment of the survey area. The purpose of the assessment was to expand on the previous survey completed and identify key flora, vegetation and fauna constraints within the survey area. The outcomes of the assessment will provide additional baseline information and support future environmental approvals.

1.3 Project location

The survey area extends from the intersection of Djaigween and Gubinge Roads south to the intersection of Gubinge and Cable Beach East Roads, extending around the western end of the Broome Airport. The survey area is approximately 900 metres (m) long, between 180 and 600 m wide and covers 33.02 hectares (ha).

The survey area is mapped in Figure 1, Appendix A.

1.4 Scope of works

The scope of works, as detailed in the GHD proposal was to:

- Undertake a desktop assessment of the survey area
- Undertake a single season flora and fauna assessment of the survey area following a Level 2 methodology to provide:
 - Description and mapping of vegetation units, vegetation condition and fauna habitats
 - Identification of any Threatened or Priority Ecological Communities
 - Locations and extents of any Threatened or Priority flora
 - Inventory of flora and fauna species
 - Locations and/or evidence of any Threatened or Priority fauna
- Prepare a report that documents the results of the desktop assessment and flora and fauna survey, and discusses the significance of the results in a local and regional context.

1.5 Relevant legislation, conservation codes and background information

In Western Australia some ecological communities, flora and fauna are protected under both Federal and State Government legislation. In addition, regulatory authorities also provide a range of guidance and information on expected standards and protocols for environmental surveys.

An overview of key legislation and guidelines, conservation codes and background information relevant to this Project is provided in Appendix B.

1.6 Report limitations and assumptions

This report has been prepared by GHD for NBY and may only be used and relied on by NBY for the purpose agreed between GHD and the NBY as set out in section 1.2 of this report.

GHD otherwise disclaims responsibility to any person other than NBY arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by NBY and others who provided information to GHD (including Government authorities), which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

The opinions, conclusions and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the site may be different from the site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular site conditions, such as the location of infrastructure, access tracks and vegetation. As a result, not all relevant site features and conditions may have been identified in this report.

Site conditions and Government listings may change after the date of this Report. GHD does not accept responsibility arising from, or in connection with, any change to the site conditions or Government listings. GHD is also not responsible for updating this report if the site conditions or Government listings change.

This report has assessed the flora and fauna within the survey area (Figure 1, Appendix A). Should the survey area change or be refined, further assessment may be required.

2. Methodology

2.1 Desktop assessment

Prior to the commencement of the field survey, a desktop assessment was undertaken to identify relevant environmental information pertaining to the survey area and to assist in survey design. This included:

- A review of existing relevant reports by GHD or provided by NBY including:
 - Eco Logical Australia (2011)
- A search using the Department of the Environment (DoE) Protected Matters Search Tool (PMST) to identify communities and species listed under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) potentially occurring within 20 km of the survey area (DoE 2016a) (Appendix C)
- A search of the Department of Parks and Wildlife (DPAW) Threatened Ecological Communities (TEC) and Priority Ecological Communities (PEC) database to determine the potential for TECs or PECs to be present within the survey area
- A search of the DPAW *NatureMap* database for flora and fauna species previously recorded within 20 km of the survey area (DPAW 2007–) (Appendix C)
- A search of the DPAW Threatened (Declared Rare) and Priority Flora database (TPFL), DPAW Threatened and Priority Fauna database, and the Western Australian Herbarium database (WAHERB) for Threatened and Priority flora and fauna species listed under the *Wildlife Conservation Act 1950* (WC Act) and listed as priority by DPAW, previously recorded within 20 km of the survey area
- A review of existing datasets including previous vegetation mapping of the survey area (Beard 1977), aerial photography, geology/soils and hydrology information to provide background information on the variability of the environment, likely vegetation units and fauna habitats and to identify areas with potential to contain TECs, PECs, and Threatened and Priority listed flora and fauna species

2.2 Field survey

2.2.1 Vegetation and flora

GHD botanist conducted a Level 2 vegetation, flora and targeted flora assessment of the survey area from 16-18th March 2016. A Level 1 vegetation and flora survey of the survey area was completed by Eco Logical Australia in 2011. Information associated with both surveys is summarised in Table 1.

Table 1 Vegetation and flora survey details

Survey and date	Personnel
Level 2 vegetation, flora and targeted flor survey 16-18 th March 2016	Jordan Tindiglia (SL011310) (GHD)
Level 1 vegetation and flora survey 14 th January 2011	Elizabeth Norris, Katrina Zeelandelaar and Robert Browne-Cooper (Eco Logical Australia) Micklo Corpus (client representative)

The Level 2 field survey was undertaken to verify the results of the desktop assessment and Level 1 survey, identify and describe the dominant vegetation units, assess vegetation condition and identify and record vascular flora taxa present at the time of survey. Searches for conservation significant ecological communities and flora taxa were also undertaken.

The survey methodology employed by GHD was undertaken with reference to the Environmental Protection Authority (EPA) Guidance Statement No. 51 *Terrestrial Flora and Vegetation Surveys for Environmental Impact Assessment in Western Australia* (EPA 2004a), *Terrestrial Biological Surveys as an Element of Biodiversity Protection, Position Statement No. 3* (EPA 2002) and Technical guide – Flora and Vegetation Surveys for Environmental Impact Assessment (EPA and DPaW 2015).

Data collection

Field survey methods involved a combination of sampling quadrats located in identified vegetation units, and both grid-based and meandering transects to search for conservation significant flora species and record opportunistically observed flora. GHD also revisited the six site inspection points as outlined in Eco Logical (2011) to confirm vegetation unit and condition.

Quadrats (measuring 50 m x 50 m – area of 2,500 m²) were located within each identified vegetation unit. Four non-permanent quadrats were described throughout the survey area (Figure 2, Appendix A). Field data at each quadrat was recorded on a pro-forma data sheet and included the parameters detailed in Table 2.

Table 2 Data collection during the flora and vegetation field survey

Aspect	Measurement
Collection attributes	Personnel/recorder; date, quadrat dimensions, photograph of the quadrat.
Physical features	Aspect, soil attributes, ground surface cover, leaf and wood litter.
Location	Coordinates recorded in GDA94 datum using a hand-held Global Positioning System (GPS) tool to accuracy approximately ± 5 m.
Vegetation condition	Vegetation condition was assessed using the condition rating scale adapted by EPA and DPaW (2015).
Disturbance	Level and nature of disturbances (e.g. weed presence, fire and time since last fire, impacts from grazing, exploration activities).
Flora	List of dominant flora from each structural layer. List of all species within the quadrat including average height and cover (using a modified Braun-Blanquet scale).

Vegetation units

Vegetation units were identified and boundaries delineated using a combination of aerial photography, topographical features and field data/observations.

Vegetation units were described based on structure, dominant taxa and cover characteristics as defined by quadrat data and field observations. Vegetation unit descriptions follow the National Vegetation Information System (NVIS) and are consistent with NVIS Level V (Association). At Level V three taxa per stratum are used to describe the association (ESCAVI 2003).

Vegetation mapping has been undertaken at a scale of 1:5,000; this is considered a suitable scale for this project.

Vegetation condition

The vegetation condition of the survey area was assessed and mapped in accordance with the vegetation condition rating scale for the Eremaean and Northern Botanical Provinces (adapted

by EPA and DPaW (2015). The scale recognises the intactness of vegetation and consists of six rating levels as outlined in Table 3.

Table 3 Vegetation condition scale

Class	Eremaean and Northern Botanical Provinces description
2	Pristine or nearly so, no obvious signs of damage caused by human activities since European settlement.
3	Some relatively slight signs of damage caused by human activities since European settlement. For example, some signs of damage to tree trunks caused by repeated fire, the presence of relatively non-aggressive species, or occasional vehicle tracks.
4	More obvious signs of damage caused by human activity since European settlement, including some obvious impact on the vegetation structure such as that caused by low levels of grazing or slightly aggressive weeds.
5	Still retains basic vegetation structure or ability to regenerate it after very obvious impacts of human activities since European settlement, such as grazing, partial clearing, frequent fires or aggressive weeds.
6	Severely impacted by grazing, very frequent fires, clearing or a combination of these activities. Scope for some regeneration but not to a state approaching good condition without intensive management. Usually with a number of weed species present including very aggressive species.
7	Areas completely or almost completely without native species in the structure of their vegetation; i.e. areas that are cleared or 'parkland cleared' with their flora comprising weed or crop species with isolated native trees or shrubs.

Flora identification and nomenclature

Species well known to the survey botanist were identified in the field; all other species were collected and assigned a unique collection number to facilitate tracking. Flora identification was undertaken by Jordan Tindiglia. Plant species were identified by the use of local and regional flora keys and by comparison with the named species held at the Western Australian Herbarium (WA Herbarium).

The conservation status of all recorded flora was compared against the current lists available on *FloraBase* (WA Herbarium 1998–) and the EPBC Act List of Threatened Flora (DoE 2016b). Nomenclature used in this report follows that used by the Western Australian Herbarium as reported on *FloraBase* (WA Herbarium 1998–).

A flora inventory was compiled from taxa listed in described quadrats and from opportunistic floristic records throughout the survey area.

Targeted survey for conservation significant flora

Prior to the field survey, information obtained from the desktop assessments (e.g. aerial photography, geology, soils and topography data, TPFL, EPBC Act PMST, *NatureMap* and the WAHERB database search results) was reviewed to determine potential conservation significant flora taxa and locations. Additionally, ecological information (e.g. habitat, associated flora taxa and phenology) was sourced from *FloraBase* (WA Herbarium 1998–) and other relevant publications where available, to provide further details.

A targeted survey for conservation significant flora species was completed concurrently with the flora and vegetation survey. The aim of the survey was to identify and record the locations of conservation significant flora species, particularly targeting *Polymeria* sp. Broome, within the survey area. The targeted survey involved one botanist walking transects approximately 50-80 m apart, in a north-south direction across the survey area. Where conservation significant flora taxa were located a more thorough search of the area was undertaken.

2.2.2 Fauna

GHD zoologists conducted a Level 2 fauna assessment of the survey area from 11-19th March 2016. A Level 1 fauna survey of the survey area was completed by Eco Logical Australia in 2011. Information associated with both surveys are summarised in Table 4.

Table 4 Fauna survey details

Survey and date	Personnel
Level 2 fauna survey 11-19 th March 2016	Glen Gaikhorst (GHD) and Brad Mayan
Level 1 fauna survey 14 th January 2011	Elizabeth Norris, Katrina Zeehandelaar and Robert Browne-Cooper (Eco Logical Australia) Micklo Corpus (client representative)

The survey methodology employed by GHD was undertaken with reference to the Environmental Protection Authority (EPA) Guidance Statement No. 56 *Terrestrial Fauna Surveys for Environmental Impact Assessment in Western Australia* (EPA 2004b) and *Technical Guide – Terrestrial Vertebrate Fauna Surveys for Environmental Impact Assessment* (EPA 2010).

To provide the best opportunity to determine the presence of fauna species, this assessment employed a variety of sampling methods. Systematic sampling was applied through a trapping program with additional sampling methods also applied at these sites. Furthermore, other areas that were not assessed through the systematic trapping effort were also surveyed using non-systematic techniques.

Permits

A Regulation 17 Licence to Take Fauna for Scientific Purposes was obtained from DPaW prior to undertaking the fauna surveys (Licence Number: SF010731).

The fauna surveys (specifically trapping and animal handling) were undertaken in accordance with Standard Operating Procedures (SOPs) which must be followed under the conditions of GHD's fauna trapping permit. At the time of survey, compliance with these SOPs was accepted by DPaW as evidence of ethical treatment of animals:

- SOP No. 9.1 Elliott traps for live capture of terrestrial vertebrates (DEC 2009a).
- SOP No. 9.3 Dry pitfall trapping for vertebrates and invertebrates (DEC 2009b).
- SOP No. 9.2 Cage traps for live capture of terrestrial vertebrates (DEC 2009c).
- SOP No. 9.6 Hand capture of wildlife (DEC 2009d).
- SOP No. 10.1 Animal handling/restraint using soft containment (DEC 2009e).
- SOP No. 10.2 Hand restraint of wildlife (DEC 2009f).
- SOP No. 14.2 First Aid for animals (DEC 2009g).

Fauna identification and nomenclature

Nomenclature used in this report follows the WA Museum as reported on *NatureMap* (DPaW 2007–). This nomenclature is deemed the most up-to-date species information for Western Australia groups: reptiles, amphibians, invertebrates and mammals (including bats). All aves nomenclature follows Christidis and Boles (2008). Other reference materials used are presented in Table 5.

Table 5 Fauna references

Fauna Group	Field Guide
Mammals	Menkhorst and Knight (2004; 2010), Van Dyck and Strahan (2008; 2013)
Birds	Morcombe (2004)
Geckos	Wilson and Swan (2013)
Skinks	Storr <i>et al.</i> (1999), Wilson and Swan (2013)
Dragons	Wilson and Swan (2013)
Varanids	Wilson and Swan (2013)
Legless Lizards	Wilson and Swan (2013)
Snakes	Storr <i>et al.</i> (2002), Wilson and Swan (2013)
Amphibians	Tyler and Doughty (2009)

Systematic sampling

Trapping for terrestrial fauna was undertaken using a series of standardised systematic trapping sites comprising of pit-fall traps, funnel traps, Elliot box traps and cage traps. Details of each trap type used are provided below. Three trap sites (herein referred to as trap lines) were used throughout the survey area and each trap line was systematically surveyed (trapped) for seven to eight nights during the March survey. Trapping type and effort is described in detail below. Traps were checked twice daily, early in the morning before the heat of the day and in the late afternoon.

Fauna systematic search locations are shown on Figure 2, Appendix A.

Pit-trap with drift fence

Five pit-traps were established at three trap lines within the survey area. Pit-traps comprised of 20 litre (L) plastic buckets (30 cm diameter, 40 cm deep). A 30 metre (m) long flywire drift fence (30 cm high) bisected the pits; directing fauna into them. Pits were spaced at 5 m intervals along the fence. Soil and an egg carton was placed within each pit to provide shade and protection for captured animals.

Funnel traps

Ten funnel traps were used along each drift fence. Traps were placed such that animals were directed into them from the drift fence in between the pit traps. Funnel traps were covered with insulating materials to minimise heat or cold exposure to animals.

Elliott box traps

Ten Elliott box traps were used at each trap line. Traps were placed approximately ten metres apart and baited with universal bait (a mixture of peanut butter, rolled oats and sardines) or dried cat food (depending on ant invasion in the area). Elliott traps were located within shady areas or covered with vegetation to minimise exposure to captured animals. A line of 10 Elliott traps were used per trapping site. Each 100 metre line was positioned 10 metres from the end of the pit trapping drift fence.

Cage traps

Two cage traps were located at each trap line. These traps were placed within 10 m at each end of the drift fence. Cage traps were baited with universal bait and covered with hessian sacks and insulated materials. An additional three trap lines of cage traps only were established in the survey area. These lines consisted of five to seven cages and were positioned at 50 m intervals in a row within the survey area (approximately 250-350 m long). Each line was allocated to the closest systematic trapping line location.

Bat sampling

Assessment of bats was undertaken using an SM2BAT+ SongMeter recorder (Wildlife Acoustics Inc, USA) at two locations within the survey area. A minimum of two nights assessment was undertaken at the survey area.

Craig Grabham (GHD) completed the analysis of all data collected during the survey using ultrasonic bat detectors. Data from SongMeter recorders was downloaded using Kaleidoscope version 3.1.6 (Wildlife Acoustics 2016). Calls were first viewed and analysed using Kaleidoscope Viewer version 3.1.6 and then converted to files suitable for analysis in AnalookW version 4.1s. Calls were identified using zero-crossing analysis and AnalookW by visually comparing the time-frequency graph and call characteristics (e.g. characteristic frequency (Fc) and call shape) with species call descriptions from available reference material (McKenzie and Bullen 2009; 2012, Armstrong and Cole 2007).

The call identification was also assisted by consulting distribution information for possible species (Atlas of Living Australia and *NatureMap* records). No reference calls were collected during the survey.

Due to variability in the quality of calls, the lack of published information regarding non-search phase calls and the difficulty in distinguishing some species (e.g. there is known overlap in call characteristics between some species) a conservative approach was taken when analysing calls.

Avifauna (bird)

Avifauna surveys were undertaken opportunistically within the survey area. Each survey comprised of a 20 minute census of birds within an unbounded 2 ha area, which is the standard method used by Birds Australia for the Bird Atlas project. Birds detected visually (using binoculars) and/or aurally over a 20 minute period were recorded. Numbers of each species observed were also recorded.

All systematic bird surveys were undertaken within four hours of dawn or two hours of dusk, as these are the times of day when birds are most active. In addition to systematic surveys, observations of birds were also made opportunistically.

Camera Traps

Five remote cameras were positioned around the survey area from 13th March 2016 with data extracted after 28th March 2016 (as shown in Table 6). Remote cameras that are triggered by motion were positioned in areas that contain optimal habitat for threatened fauna. These cameras were set to target the Bilby and Northern Brushtail Possum, but also collected information on all species that are active in the range of the camera. Cameras were set with a lure (such as sardines, peanut butter and universal bait) to increase the rate of encounter. Cameras were set up to spatially complement other survey efforts.

Table 6 Camera trap effort and locations (March 2016)

Cameras	Easting	Northing	Setup	Collected	Nights Deployed
Camera trap 1	417061	8016252	13th Mar	28th Mar	15
Camera trap 2	417062	8016089	13th Mar	28th Mar	15
Camera trap 3	416987	8016047	13th Mar	28th Mar	15
Camera trap 4	416955	8015377	14th Mar	28th Mar	14
Camera trap 5	416724	8015614	14th Mar	28th Mar	14
				TOTAL	73

Targeted bilby surveys

Bilby are recognised as a species that requires targeted surveys in the Broome area in which GHD has undertaken several. In undertaking these surveys, guidance has been provided by DotE as to the methodology to be utilised. The sampling technique involves a plot based assessment. Each plot is 2 hectares in size and sufficiently spaced to capture activity over an area. The Plots were sampled in line with similar work undertaken by GHD on the Cape Leveque Road utilising Southgate's (Southgate *et al.* 2005) methods of Bilby Plot Assessments. Three Bilby plots were established and assessed during the March 2016 survey. Each plot is approximately 70 x 300 m in size and ground truthed at 30 m intervals with all bilby observations/evidence recorded. The Bilby plots were randomly selected in the survey area and are shown on Figure 3. Sampling within each plot involved searching for any evidence of the Bilby including burrows, scats, diggings, foraging evidence and prints. This data was classified as active or inactive and fresh or old, as detailed in Table 7. Evidence was photographed and logged via GPS. To verify false negatives and positives within the plot all evidence of use by all species is recorded. This includes prints, digging, dropping and burrow for a range of species within the area. A Bilby presence or absence score is also given for each plot that categorises the use demonstrated by Bilby within each plot. This score is a quantitative number used to interpret the presence or absence of the Bilby within the survey plots. The score of 0 to 3 has been applied using the criteria listed in Table 8. This data is tabulated and presented in Appendix E.

Table 7 Classification of Bilby evidence assessed

Type of Evidence	Description	Ranking	Rationale
Burrow	A burrow is a hole or tunnel dug by a Bilby, as a/for dwelling/habitation or refugia.	Active	Fresh evidence of use either prints, excavation, burrow integrity.
		Inactive	Presents as an old burrow perhaps collapsed, cob webs present, no evidence of use and leaves or debris in/over entrance.
Scats	A dropping of a Bilby found on the ground	Fresh	Intact, may still be moist and assessed with other evidence ie digs.
		Old	Breaking down looks degraded and assessed with other evidence i.e. digs
Diggings	Bilby diggings may be singular or many at a site that comprise of minor excavations for foraging or test burrow areas*. Diggings are not suitable as burrows.	Fresh	Fresh depositing of soil around the dig, is still intact and not filled with debris. No cobwebs present.
		Old	Breaking down of deposited soils, the depression, debris present and/or cob webs present.
Prints	Prints an indentation or mark (of activity) made on a surface or soft substance.	Recent use	Any signs of prints are regarded as recent use in the Broome area. This is because of the high activity of other species in the area i.e. Agile Wallaby, which quickly disturb most areas within a few days.
Sighting	A visual sighting of a Bilby.	Sighting	Either in person or via camera traps.

*In the Broome area (west Kimberley we have evidence for) Agile Wallaby's dig up the root systems of hummock grasses and sedges in the dry season for food and can appear Bilby like. The assessor needs to be able to recognise between the two (often Agile Wallaby droppings are present at their dig areas).

Table 8 Presence / absence criteria

Presence / absence score	Criteria
0	No recorded evidence
1	Possible evidence but not confirmed
2	Evidence present but old and not active
3	Active area with good evidence

Non-systematic sampling

Non-systematic sampling was undertaken at each of the trap lines noted above and comprised of the following:

- Diurnal searching – Each trap line area was searched for amphibians, reptiles, and mammals. Surveys comprised of searching ground layer (overturning logs, rocks and leaf litter) and low vegetation (under bark and in tree stumps) and recording all individuals observed. Species presence was also determined via secondary evidence, in the form of scats, tracks, feathers, burrows and remains. A minimum of 1 hour was spent at each trap line area and within the general area.
- Nocturnal searching – Nocturnal surveys were conducted using hand held spotlights during the survey. Spot lighting was undertaken to locate nocturnal species that may not be sampled by other techniques. A minimum of 1 hour was spent at each trap line area and within the general area.
- Opportunistic observations – While conducting any activities in the survey area, opportunistic observations were made of any other vertebrates (or signs of their presence). Fauna taxa observed or heard were noted, and indirect evidence (such as scats, tracks, diggings, nests, feathers, bones, pellets) indicating the current or recent presence of a species also noted. Wherever possible, numbers of individuals, microhabitat use and other relevant information was recorded.

Quadrat locations and trapping effort

A single phase of trapping was completed for the survey area in the wet season, between the 11th and 19th March 2016. Trapping effort is described as the duration and number of survey types undertaken during an assessment. Table 9 provides detail on the type and amount of survey time undertaken during the survey.

Table 9 Quadrat location and survey effort

Quadrats	Location		Nights open	Elliot traps		Pit traps		Cage Traps		Funnel Traps		Bat survey (nights)	Birds search (min.)	Active search (min.)	Night search (min.)
	Easting	Northing		No.	Total	No.	Total	No.	Total	No.	Total				
Q01	417114	8015324	7	10	70	5	35	7	49	10	70	1	60	80	0
Q02	416912	8015704	8	10	80	5	40	7	56	10	80	1	170	160	120
Q03	417113	8015830	8	10	80	5	40	10	80	10	80		120	120	120
TOTAL				30	230	15	115	28	185	70	230	2	350	360	240

2.3 Limitations

2.3.1 Desktop limitations

The EPBC Act PMST is based on bioclimatic modelling for the potential presence of species. As such, this does not represent actual records of the species within the area. The records from the DPaW searches of threatened flora and fauna provide more accurate information for the general area, however, some records of collections, sightings or trappings can be dated and often misrepresent the current range of threatened species.

New Wildlife Conservation (Rare Flora) and Wildlife Conservation (Specially Protected Fauna) Notices were gazetted on 3 November 2015. The format of these Notices has been changed to align with the EPBC Act threatened species lists. To date information contained in publically available databases such as *NatureMap* does not reflect these newly gazetted Notices. This report has been updated to reflect the conservation status of flora and fauna listed in these Notices. However, the outputs of database searches contained in this report such as *NatureMap*, does not reflect the conservation status of flora and fauna listed in these Notices.

2.3.2 Survey limitations

Guidance Statement No. 51 and No. 56 (EPA 2004a, 2004b) states that flora and fauna survey reports for environmental impact assessment in Western Australia should contain a section describing the limitations of the survey methods used. The limitations and constraints associated with this field survey are discussed in Table 10.

Table 10 Survey limitations

Aspect	Constraint	Comment
Sources of information and availability of contextual information.	Minor	Adequate information is available for the survey area, this includes: <ul style="list-style-type: none"> Broad scale pre-European vegetation mapping by Beard (1977), digitised by Shepherd <i>et al.</i> (2002) Regional biogeography (Graham 2001) Background information (Kenneally <i>et al.</i> 1996)
Scope (what life forms were sampled etc.)	Nil	Vascular flora and terrestrial vertebrate fauna were sampled during the survey. Non-vascular flora, invertebrate and aquatic fauna were not assessed as part of the survey.
Proportion of flora collected and identified (based on sampling, timing and intensity) Proportion of fauna identified, recorded and/or collected	Minor	<p>The vegetation and flora survey was a single season survey and was undertaken in March 2016. This is generally considered the most optimal time to undertake flora and vegetation surveys in the Kimberley Region. The flora recorded from the field survey is detailed in Section 4.1.5 and a full flora species list is provided in Appendix D. The portion of flora collected and identified was considered high; however it is likely that the survey under-recorded herb species due to the dry conditions at the time of survey. See <i>Timing/weather/season/cycle</i></p> <p>The fauna survey was undertaken in March 2016. Multiple trapping and survey methods were employed to sample a wide range of fauna groups (including nocturnal species). All trapping and survey methods were implemented with no constraints.</p> <p>Fauna assessments that capture the full spectrum of species in an area often include numerous surveys over different seasons over a number of years. This survey was limited to one survey, in a single season (March 2016) and although meets the guideline requirements for terrestrial surveys may not identify all species present or that utilise the survey area.</p> <p>Additionally this assessment was restricted to vertebrate fauna and did not include invertebrates.</p>
Flora determination	Minor	<p>Flora determination was undertaken by a GHD botanist in the field and at the WA Herbarium. Potential Priority flora taxa were submitted to the WA Herbarium for identification and/or verification (Accession 6794 and 6821 – <i>Polymeria</i> sp. Broome, <i>Aphyllodium parvifolium</i> and <i>Phyllanthus eremicus</i>).</p> <p>All fauna was identified by zoologists and released on site.</p> <p>The taxonomy and conservation status of the Western Australian flora and fauna is dynamic. This report was prepared with reliance on taxonomy and conservation status current at the time report development, but it should be noted this may change in response to ongoing research and review of IUCN criteria.</p>

Aspect	Constraint	Comment
Completeness and further work which might be needed (e.g. was the relevant area fully surveyed)	Minor	<p>The majority of the survey area was accessed on foot. A bush camp was discovered the in the south-west part of the survey area. This area (including an approximate 50-100 m buffer) was avoided. Information gained from the survey was extrapolated across this small part of the survey area not accessed to assist with determining the vegetation and habitat types for the entire survey area.</p> <p>The survey area was accessed on foot and apart from the above, fully traversed during the Level 2 vegetation, flora and fauna assessment. Given the level of diversity and condition of the vegetation this was considered adequate to sample the survey area.</p>
Mapping reliability	Minor	<p>The vegetation was mapped at a scale of 1:5,000 using high-resolution ESRI aerial imagery obtained from Landgate, topographical features, previous broad scale mapping (Beard 1977) and field data. The distribution of quadrats was considered adequate for the definition of vegetation within the survey area.</p> <p>Data was recorded in the field using hand-held GPS tools (e.g. Nomad Juno and Garmin GPS). Certain atmospheric factors and other sources of error can affect the accuracy of GPS receivers. The Juno and GPS units used for this survey are accurate to within ± 10 m on average. Therefore the data points consisting of coordinates recorded from the Juno and GPS may contain inaccuracies.</p>
Timing/weather/season/cycle	Minor	<p>The field survey was conducted in March 2016. In the three months prior to the survey (December-February), Broome Airport weather recording station recorded 221.8 mm of rainfall (No. 003003, BoM 2016). This total is approximately half of the long-term average for the same period (December-February; 415.6 mm) (BoM 2016).</p> <p>The weather conditions recorded during the field survey included:</p> <ul style="list-style-type: none"> • Daily maximum temperature ranging from 33.2 to 36.5 °C • Daily minimum temperature ranging from 24.2 to 29.9 °C • Daily rainfall 0 to 7.2 mm <p>The weather conditions recorded during the survey were considered unlikely to have a major effect on the field surveys. However, the generally dry conditions experienced in the Broome area are likely to have affected the survey. It is likely that the survey under-recorded herb and amphibia species due to the dry conditions leading up to and at the time of survey.</p>
Disturbances (e.g. fire, flood, accidental human intervention)	Nil	There were no disturbances observed that affected the survey.
Intensity (in retrospect, was the intensity adequate)	Nil	The vascular flora of the survey area was sampled in accordance with EPA (2004a) and terrestrial fauna sampled in accordance to EPA (2004b) for Level 2 surveys.
Resources	Nil	Adequate resources were employed during the field survey. Three person days were spent undertaking the vegetation and flora survey and 18 person days were spent undertaking the fauna survey.

Aspect	Constraint	Comment
Access restrictions	Minor	A bush camp was discovered the in the south-west part of the survey area. This area (including an approximate 50-100 m buffer) was avoided.
Experience levels	Nil	The ecologists who executed the survey were practitioners suitably qualified in their respective fields. The vegetation and flora team comprised one botanist (Jordan Tindiglia) who has over 9 years' experience in undertaking field surveys in Western Australia, including a number of projects in the Broome region since 2012. The fauna team comprised two zoologists (Glen Gaikhorst and Brad Maryan), who individually have over 20 years' of experience undertaking field surveys in Western Australia, including numerous projects in the Broome region. Glen has also undertaken numerous targeted assessments for Bilby's in the broader Broome region since 2010.

3. Desktop assessment

3.1 Regional biogeography

The survey area is situated in the Northern Botanical Province (Beard 1990), within the Dampierland bioregion and Pindanland sub-region as described by the Interim Biogeographic Regionalisation of Australia.

The Pindanland sub-region is located in the western part of the Dampierland bioregion and is the coastal, north western margin of the Canning Basin. The sub-region comprises the sandplains of the Dampier Peninsula and the western part of Dampier Land including the hinterland of Eighty Mile Beach. The sub-region supports vegetation primarily described as Pindan (Graham 2001).

Graham (2001) describes four basic components to the Pindanland sub-region:

- Quaternary sandplain overlying Jurassic and Mesozoic sandstones with Pindan, hummock grasslands on hills
- Quaternary marine deposits on coastal plains, with mangal, samphire – *Sporobolus* spp. grasslands, *Melaleuca alsophila* low forests, and Spinifex spp. – *Crotalaria* spp. strand communities
- Quaternary alluvia plains associated with the Permian and Mesozoic sediments of Fitzroy Trough support tree savannahs of ribbon grass (*Chrysopogon* spp.) – bluegrass (*Dichanthium* spp.) grasses with scattered coolibah (*Eucalyptus microtheca*) – *Bauhinia cunninghamii*
- Riparian forests of river red gum (*Eucalyptus camaldulensis*) and Cadjeput (*Melaleuca* spp.) fringe drainages

3.2 Land systems

The Kimberley region has been surveyed by the Department of Agriculture and Food, Western Australia (DAFWA) and others for the purposes of land classification, mapping and resource evaluation. One hundred and eleven land systems have been described for the region, which are distinguished on the basis of topography, geology, soils and vegetation (Payne and Schoknecht 2011). The survey area intersects one land system; the details of this land system are presented in Table 11.

Table 11 Land system mapped within the survey area

Land system	Description	Geology	Geomorphology
Yeeda	Sandplain, deep red and yellow sands, pindan and tall woodlands	Quaternary aeolian sands	Sandplain and dune fields with little organised drainage; sandplain up to 16 km in extent, with shallow valleys, plains with thin sand cover, and scattered pans; limited surface drainage in zones of sheet-flow up to 3.2 km wide and extending up to 8 km downslope from adjacent uplands.

3.3 Soils

The survey area is located within the Dampier Sandplain Zone of the Fitzroy Province (Tille 2006). The Dampier Sandplain Zone is characterised by sandplains and dunes (with some sandy plateaux and coastal mudflats) on sedimentary rocks of the Canning Basin. Red, deep

sands with some yellow sandy earth and tidal soils. Pindan shrublands with spinifex/tussock grasslands (and some Eucalypts).

The Australian Soil Resource Information System (ASRIS) (2016) mapping indicates that one soil landscape type occurs within the survey area.

- AB21: Pindan country-gently undulating sand plain with a few small rocky sandstone residuals; no external drainage. Chief soils are red earthy sands with hummocks of siliceous sands.

3.4 Hydrology

A search of the Department of Water (DoW) Geographic Data Atlas (DoW 2016) indicates the survey area is within the DoW North West region. A summary of the Geographic Data Atlas queries for the survey area is provided in Table 12. The survey area occurs within the Broome groundwater area as proclaimed under the *Rights in Water and Irrigation Act 1914* (RIWI Act).

Table 12 Department of Water geographic atlas queries for the Survey area

Aspect	Details	Result
Groundwater areas	Groundwater areas proclaimed under the RIWI Act.	Broome
Surface water areas	Surface water areas proclaimed under the RIWI Act.	None present
Irrigation district	Irrigation Districts proclaimed under the RIWI Act.	None present
River	Rivers proclaimed under the RIWI Act.	None present
Public Drinking Water Source Areas	PDWSAs is a collective term used for the description of Water Reserves, Catchment Areas and Underground Pollution Control Areas declared (gazetted) under the provisions of the <i>Metropolitan Water Supply, Sewage and Drainage Act 1909</i> or the <i>Country Area Water Supply Act 1947</i> .	None present
Waterway Management Areas	Areas proclaimed under the <i>Waterway Conservation Act 1976</i> .	None present

3.5 Land use

3.5.1 Conservation reserves and estate

There are eight DPaW-managed conservation areas within 20 km of the survey area (Table 13 and Figure 3, Appendix A). No DPaW-managed conservation areas intersect the survey area.

Table 13 Conservation areas within 20 km of the survey area

Name	Class	Area (ha)	Location
Unnamed (R 51162)	A	2510	Approximately 4.7 km north of the survey area
Broome Wildlife Centre (R 47964)		5	Approximately 3 km north of the survey area
Unnamed (R 51497)	C	716	Approximately 4.1 km east of the survey area
Unnamed (R 51380)	C	65	Approximately 5 km north east of the survey area
Unnamed (R 51105)	-	333	Approximately 8.3 km south east of the survey area

Name	Class	Area (ha)	Location
Unnamed (R 51046)	A	37,973	Approximately 13 km south east of the survey area
Unnamed (R 1644)	C	1	Approximately 3 km south east of the survey area
Unnamed (R 51617)	C	5	Approximately 9 km south east of the survey area

3.5.2 Environmentally sensitive areas

One Environmentally Sensitive Area (ESA) intersects the entirety of the survey area; this ESA covers the entirety of Broome and the surrounding area and is likely aligned with the Roebuck Bay mudflats TEC (Figure 3, Appendix A).

3.6 Vegetation and flora

3.6.1 Broad vegetation mapping and extent

Broad scale (1:1,000,000) pre-European vegetation mapping of the area was completed by Beard (1977) at an association level. The mapping indicates there is one vegetation association present within the survey area:

- Shrublands, pindan; *Acacia tumida* shrubland with grey box [*Eucalyptus tectifica*] and cabbage gum [*Corymbia flavescentes*] medium woodland over ribbon grass [*Chrysopogon* spp.] and curly spinifex (association 750)

The vegetation of the Dampier Peninsula has also been described by Kenneally *et al.* (1996) who recognise 11 (ten terrestrial and one marine) plant communities on or around the Dampier Peninsula. Kenneally *et al.* (1996) noted that 'the overwhelming vegetation is pindan, a grassland wooded by scattered trees, generally eucalypts, with a variably dense middle layer of wattles'. Kenneally *et al.* (1996) go on to describe the pindan in the southern half of the peninsula comprising scattered trees, predominantly bloodwoods such as *Corymbia polycarpa*, *C. zygophylla*, *C. greeniana* and *Eucalyptus tectifica*, over a wide range of other tree species, understorey shrubs and wattles. Common pindan grass species include *Triodia schinzii*, *Chrysopogon pallidus* (ribbon grass) and *Sorghum stipoides* (annual sorghum) and whilst vine species are not common include *Tinospora smilacina* (snake vine) and *Marsdenia viridiflora*. Fire is the controlling agent of the Pindan with the variety in the vegetation, particularly wattles, relating directly to a fire-regeneration cycle (Kenneally *et al.* 1996).

The pre-European mapping has been adapted and digitised by Shepherd *et al.* (2002). The extent of the vegetation associations have been determined by the State-wide vegetation remaining extent calculations maintained by the DPaW (Government of Western Australia (GoWA) 2015). As shown in Table 14, the current extent remaining of the vegetation association is greater than 99 per cent of the pre-European extent at all scales (e.g. State, IBRA bioregion, IBRA sub-region and LGA). The current extent remaining of the vegetation association at all scales is above the 30 per cent threshold level¹

¹ The 30 % threshold level is the level below which species loss appears to accelerate exponentially at an ecosystem level (EPA 2000).

Table 14 Vegetation associations mapped within the survey area

Vegetation association	Scale	Pre-European extent (ha)	Current extent (ha)	Remaining (%)	% Current extent in all DPaW managed lands
Dampierland IBRA bioregion		8,343,938.97	8,319,872.22	99.71	1.43
Pindanland IBRA sub-region		4,921,102.73	4,904,095.93	99.65	1.24
750	State: Western Australia	1,231,155.50	1,225,687.52	99.56	2.33
	IBRA bioregion: Dampierland	1,229,182.16	1,225,280.52	99.68	2.33
	IBRA sub-region: Pindanland	1,221,734.45	1,217,843.72	99.68	2.34
	LGA: Shire of Broome	1,115,559.36	1,110,131.18	99.51	2.57

3.6.2 Conservation significant ecological communities

A search of the EPBC Act PMST database identified the potential presence of one Commonwealth listed TEC, Monsoon vine thickets on the coastal sand dunes of the Dampier Peninsula, within 20 km of the survey area (Table 15).

A search of the DPaW TEC and PEC database identified the potential presence of one TEC and five PECs within 20 km of the survey area (Table 15 and Figure 3, Appendix A).

It should be noted that DPaW provides locations for TECs and PECs that have a buffer placed typically between 500 m and 5,000 m radius around the community. As such, the TEC/PEC may not be present within the entire extent of the buffer area.

Table 15 Conservation significant ecological communities recorded within 20 km of the survey area

Community ID and name	EPBC Act	WC Act/ DPaW	Description (DPaW 2015a and 2015b)	Location in relation to the survey area
Mangarr (Minyjuru) Relict dune system dominated by extensive stands of Minyjuru Mangarr (<i>Sersalisia sericea</i>) PEC		Priority 1	Contains frequent mature (100 years+) <i>Sersalisia sericea</i> or otherwise known as Minyjuru. Minyjuru is a culturally important and renowned local bushtucker species and does not occur in such frequency and longevity in other locations. The community is recorded as a <i>Eucalyptus</i> , <i>Sersalisia</i> low woodland unit that occurs on parallel dunes in the area south-east of Gantheaume Point. The community also contains numerous woodland species such as <i>Erythrophleum chlorostachys</i> , <i>Corymbia zygophylla</i> , <i>Hakea macrocarpa</i> and <i>Corynotheca micrantha</i> . Some species are more reminiscent of desert and aridlands country including <i>Solanum cunninghamii</i> , <i>Scaevola parvifolia</i> , <i>Goodenia sepulosa</i> , <i>Senna costata</i> , <i>Gyrostemon tepperi</i> and <i>Triodia</i> sp. The extensive stands of Minyjuru occur in association with species more often found within the nearby TEC – Monsoon vine thicket.	Approximately 2 km north of the survey area A further 18 occurrences of the PEC within 20 km of the survey area.
Roebuck Bay mudflats Species-rich faunal community of the intertidal mudflats of Roebuck Bay TEC		V	Roebuck Bay was designated a "Wetland of International Importance" under the Ramsar Convention in June 1990. The Bay is a tropical marine embayment with extensive, biologically diverse, intertidal mudflats. Roebuck Bay supports internationally significant numbers of migratory shorebirds as well as bats, marine and benthic fauna. The Bay also supports various vegetation communities including seagrass beds, mangroves, samphire flats, saline grasslands and Pindan.	Intersects the survey area.
Vegetation Association 73 Kimberley Vegetation Association 73 PEC		Priority 3	Vegetation Association 73 as defined by John Beard's vegetation mapping for the Kimberley (Beard 1979). Grasslands, short bunch grass savanna, grass; salt water grassland (<i>Sporobolus virginicus</i>). Threats: extensive threatening processes acting at landscape scales, namely altered fire regimes, overgrazing, and weed invasion	Approximately 1.5 km east of the survey area. An additional occurrence of the PEC within 20 km of the survey area.
Dwarf pindan heath community of Broome coast PEC		Priority 1	Occurs between the racecourse and Gantheaume Point lighthouse. Insufficient survey outside of Broome townsite area to determine full extent. Threats: clearing, trampling, weed invasion, inappropriate fire regimes	Two occurrences approximately 4 km south-west of the survey area.
Vine thickets Monsoon vine thickets on the coastal sand dunes of the Dampier Peninsula TEC	E	V	The Vine thickets ecological community is predominantly restricted to the coastlines of the Dampier Peninsula from Broome in the south to One Arm Point in the north and on the north eastern coast of the Peninsula from One Arm Point to Goodenough Bay. The ecological community represents the most southern occurrences of rainforest type vegetation in Western Australia. The Dampier Monsoon Vine Thickets occurs as discontinuous patches of dense vegetation and contains deciduous, semi-deciduous and evergreen perennial flora species. Key species include Goolnji (<i>Celtis philippensis</i>), Ebony wood (<i>Diospyros humilis</i>), Mamajen (<i>Mimusops elengi</i>), Mangarr (<i>Sersalisia sericea</i>), Gabiny/Gubinge/Kabiny (<i>Terminalia ferdinandiana</i>) and Blackberry tree/Marool/Nawulu (<i>Terminalia petiolaris</i>).	Intersects the survey area. A further three occurrences of the TEC within 20 km of the survey area.

Community ID and name	EPBC Act	WC Act/ DPaW	Description (DPaW 2015a and 2015b)	Location in relation to the survey area
<i>Corymbia paractia</i> dominated community on dunes PEC		Priority 1	<i>Corymbia paractia</i> behind dunes, Broome township area, Dampier Peninsula. Transition zone where coastal dunes (with vine thickets) merge with Pindan (desert) vegetation. Also, port north of Broome. Threats: clearing, trampling, weed invasion, inappropriate fire regimes	Intersects the survey area. A further 61 occurrences of the PEC within 20 km of the survey area.
Nimalaica Claypan Community		Priority 4	Nimalaica claypan is a unique, almost permanent, freshwater lake inland from Willie Creek, Broome. Threats: groundwater extraction, causeway construction, feral animals, expansion of township	One occurrence approximately 18 km north of the survey area.

3.6.3 Flora diversity

The flora of the Dampierland bioregion is diverse, with 1,542 recorded native species (WA Herbarium 1998–). It is difficult to determine the level of endemism present within this bioregion as collectively Kimberley flora is considered poorly known and collected (Waples 2007).

A search of the *Naturemap* database identified 688 flora taxa representing 100 families and 335 genera previously recorded within 20 km of the survey area. This total comprised 584 native taxa and 104 naturalised (introduced) flora taxa. Dominant families recorded included Fabaceae (106 species), Poaceae (82 species) and Malvaceae (45 species).

3.6.4 Conservation significant flora

Desktop searches of the EPBC Act PMST database, *Naturemap* database and the DPaW TPFL and WAHERB databases identified the presence/potential presence of 20 conservation significant taxa within 20 km of the survey area. An additional conservation significant taxon was also identified as potentially occurring in the Broome area based on consultation with DPaW Broome. The desktop searches recorded:

- Two taxa listed as Threatened under the EPBC Act and/or as Declared Rare Flora under the WC Act
- Six Priority 1 taxa
- One Priority 2 taxon
- 12 Priority 3 taxa

The locations of conservation significant flora registered on the DPaW databases are provided in Figure 3, Appendix A.

3.7 Fauna

3.7.1 Fauna diversity

A search of the *Naturemap* database identified 523 terrestrial fauna taxa previously recorded within 20 km of the survey area. This total included 10 amphibians, 374 birds, 36 mammals and 103 reptiles. It should be noted that due to the coastal and oceanic environment included in the 20 km search a large number of marine species such as Dolphin, whale and marine birds are included in the searched. All marine and coastal species have been excluded from here on in the report.

3.7.2 Conservation significant fauna

Desktop searches of the EPBC Act PMST and *NatureMap* databases identified the presence/potential presence of 36 conservation significant fauna species within 20 km of the survey area.

In addition to the 36 conservation significant species identified by the above mentioned database searches, a review of species listed under Schedules 1-4 of the WC Act that occur within the DPaW Kimberley Region (DPaW 2015c) was undertaken. This review concluded that no additional species may potentially occur in the survey area.

Species identified by the PMST as marine or migratory marine or migratory wetland were excluded from this assessment as no marine or wetland habitat was present within or nearby the survey area. Species identified by the PMST as migratory terrestrial were considered as part of this assessment.

4. Field results

4.1 Vegetation and flora

4.1.1 Vegetation associations

The vegetation of the survey area was largely uniform with one vegetation association identified and described. This vegetation association is described as Pindan woodland and generally comprised isolated trees of *Corymbia* and *Gyrocarpus* over a mixed shrubland and *Triodia* dominated grassland on red loamy sands on flat plains. The Pindan woodland vegetation association is detailed below and mapped in Figure 4, Appendix A.

Pindan woodland (Plate 1)

Corymbia greeniana, *C. flavescentis*, *Gyrocarpus americanus* low open woodland over *Acacia eriopoda*, *Hakea macrocarpa*, *Bauhinia cunninghamii* tall open shrubland over *Breynia cernua*, *Dodonaea hispidula*, *Santalum lanceolatum* mid-open shrubland over *Triodia ?schinzii*, *T. microstachya*, *Sorghum plumosum* var. *plumosum* tall open grassland over *Waltheria indica*, *Melhania oblongifolia*, *Tephrosia remotiflora* low isolated shrubs with *Aristida holathera* isolated tussock grasses over *Gossypium australe*, *Rhynchosia minima*, *Cassytha capillaris* isolated herbs and vines.

This vegetation association is represented by quadrats Q01 to Q04 (Appendix D).

This vegetation association is consistent with Beard (1977), Eco Logical Australia (2011) and descriptions of Pindan reported by Kenneally *et al.* (1996). It is likely to be well represented in the broader area.



Plate 1 Pindan woodland

Localised variation in the vegetation structure and species composition was observed throughout the survey area. The central western part of the survey area contained a greater density of tall and mid-level shrubs. This is likely due to selective pruning/cropping of upper stratum species (i.e. tall trees) at the end of the airport runway to comply with safety requirements. The central and southern areas of the survey area also contained a dense ground stratum compared to the northern part of the survey area; this variation may be attributed to fire. Fire is considered a controlling process of Pindan vegetation (Kenneally *et al.* 1996). Time since last fire was estimated to be greater than 5 years for the survey area.

4.1.2 Conservation significant ecological communities

The vegetation association identified within the survey area during the field does not align with any known Commonwealth or State listed TECs or PECs.

The desktop assessment identified the *Corymbia paractia* dominated community on dunes PEC occurring within the survey area. This PEC is recorded as *C. paractia* occurring within a transitional zone between coastal dunes (with vine thickets) and Pindan (desert) vegetation. No occurrences of *C. paractia* were recorded within the survey area, therefore the vegetation within the survey area is not considered representative of the *Corymbia paractia* dominated community on dunes PEC.

Similarly, the desktop assessment also identified both the Monsoon vine thickets TEC and Roebuck Bay mudflats TEC buffers within the survey area. The vine thickets TEC is predominantly restricted to coastal sand dunes and supports deciduous, semi-deciduous and evergreen perennial flora species. The Roebuck Bay mudflats TEC is aligned with Roebuck Bay, which is a tropical marine embayment with extensive, biologically diverse, intertidal mudflats. The landform and vegetation contained within the survey area is not representative of either of these TECs.

4.1.3 Other significant vegetation

No other significant vegetation as defined by the EPA (2004a) or vegetation that grows in, or in association with watercourses or wetlands was identified within the survey area during the field survey.

4.1.4 Vegetation condition

The vegetation condition within the survey area was rated from condition 4 to 6. The majority of the survey area was rated condition 4; in these areas vegetation structure was intact, but obvious impacts on the vegetation structure were evident including selective pruning/cropping of upper stratum species, the presence of weed species, occasional tracks and the presence of rubbish. As the survey area occurs within the Broome town site, it is likely the area is frequently traversed as a way of accessing other areas; this was evident from a number of trails/tracks present throughout the survey area. Similarly, large amounts of dumped rubbish were noted across the survey area including household waste, broken glass, tyres and general litter (Plate 2).

The southern part of the survey area and areas adjacent to tracks and roads were rated condition 5. These areas were similar to areas rated condition 4, however, partial clearing, soil disturbance and aggressive weeds such as **Passiflora foetida* and **Jatropha gossypifolia* were present. One area in the southern part of the survey area was rated as condition 6; this area was an old drainage area and had been historically cleared.



Plate 2 A-walk trail traversing the survey area and dumped rubbish

The vegetation condition recorded in the March 2016 was similar to that reported by Eco Logical in 2011. The extents of the vegetation condition ratings mapped within the survey area are detailed Table 16 with vegetation condition mapped in Figure 5, Appendix A.

Table 16 Extent of vegetation condition ratings mapped within the survey area

Condition rating	Extent (ha)
4	25.35
4-5	2.78
5	2.10
6	1.17
Not rated - cleared	1.62
Total	33.02

4.1.5 Flora diversity

One hundred and six taxa (including subspecies and varieties) representing 37 families and 86 genera were recorded from the survey area during the March 2016 field survey. This comprised 96 native taxa and 10 introduced taxa. The complete flora list is provided in Appendix D.

Dominant families recorded from the survey area included:

- Fabaceae (23 taxa)
- Poaceae (14 taxa)
- Malvaceae (8 taxa)

The flora diversity recorded during the March 2016 survey was greater than the January 2011 Eco Logical Australia survey, which recorded 65 native flora taxa. However, this is expected due to the level and intensity of survey undertaken for each survey, with Level 2 methods followed in 2016, whereas the 2011 survey was completed to a Level 1 requirement. Of the native flora taxa (identified to species level) recorded in the January 2011 survey by Eco Logical, 91% were also recorded during the March 2016 survey by GHD.

The flora diversity recorded during the March 2016 survey is similar to that recorded in previous surveys in the broader area (e.g. 106 native flora taxa recorded from approximately 75 ha at Roebuck Estate West (GHD 2010)).

The survey area is considered to have a moderate level of floristic diversity. Based on described quadrats, species diversity ranged from 37 to 49 taxa per 2,500 m².

4.1.6 Conservation significant flora

Three DPaW Priority-listed flora taxa were recorded within the survey area during the field survey. Details on these taxa are provided below with locations mapped in Figure 4, Appendix A.

Polymeria sp. Broome (K.F. Kenneally 9759) (Priority 1)

Polymeria sp. Broome is a trailing perennial to approximately 0.15 m high. The taxon is characterised by hairy stems and leaves, and pale pink flowers. The taxon is reported to grow in sands or sand-loam/silt and is currently known from the Dampierland and Victoria Bonaparte IBRA regions.

One individual of *P. sp. Broome* was recorded in the south-west part of the survey area. The taxon was recorded adjacent to an old drainage area, which had been historical disturbed. *Polymeria* sp. Broome was recorded in flower during the field survey.

Current records obtained from *NatureMap* indicate that *P. sp. Broome* is known from three records in Western Australia, with the taxon restricted to the Kimberley Region. This includes two records from Kachana Station (approximately 100 km south of Wyndham) and one record

from James Price Point (approximately 50 km north of Broome). The frequency of *P. sp.* Broome individuals at these locations has been recorded as 2-5 plants and one plant respectively (WA Herbarium 1998–). During the March 2016 field survey, the GHD botanist revisited the James Price Point location to sight the *P. sp.* Broome population, however, no individuals of *P. sp.* Broome could be located at this time.

Aphyllodium parvifolium (Priority 1)

Aphyllodium parvifolium is a small subshrub to approximately 40 cm high. The taxon is often described as prostrate and is characterised by grey-green leaves and pink to mauve to purple flowers. The taxon is reported to grow in sandy soils often in areas subject to waterlogging (e.g. adjacent to lagoons and creeks) and is currently known from the Dampierland IBRA region.

A single collection of *A. parvifolium* was taken within the survey area during the field survey. This taxon was not identified in the desktop searches and therefore at the time of survey, its status unknown and no targeted searches (including locations and counts) undertaken. The record of *A. parvifolium* within the survey area is the first record in the Broome area (the closest record is approximately 33 km north of Broome) and occurred in sandy soils not subject to waterlogging.

Current records obtained from *NatureMap* indicate that *A. parvifolium* is known from 10 records in Western Australia, with the taxon occurring in the Dampierland and Great Sandy Desert IBRA regions. The frequency of *A. parvifolium* individuals at these locations has been recorded (where noted) as uncommon and scattered (WA Herbarium 1998–).

Phyllanthus eremicus (Priority 3)

Phyllanthus eremicus (Plate 3) is an erect subshrub to approximately 0.5 m high. The taxon is characterised by woody stems and small leaves lacking prominent lateral veins. The taxon has small, green to yellow flowers and is reported to flower and fruit from May to August (Barrett and Telford 2015). *Phyllanthus eremicus* is reported to grow on rocky outcrops or red sandplains and is currently known from the Dampierland and Great Sandy Desert IBRA regions.

Sixty-four individuals of *P. eremicus* were recorded scattered throughout the survey area during the field survey. The individuals occurred singularly or in clumps and were often present in areas of the survey area with limited or no ground stratum species cover (e.g. less than 10% *Triodia* coverage).

Current records obtained from *NatureMap* indicate that *P. eremicus* is known from eight records in Western Australia, with the taxon occurring in the Pilbara and Kimberley Regions. The frequency of *P. eremicus* individuals at these locations has been recorded (where noted) as sparse, infrequent and scattered (WA Herbarium 1998–).



Plate 3 *Phyllanthus eremicus*

Previously recorded conservation significant flora

A single individual of *Corymbia paractia* was previously recorded by Eco Logical (2011) in the south-west corner of the survey area. At the time of survey no GPS coordinate of the individual was undertaken, however an approximate location was mapped (Eco Logical 2011). During the March 2016 survey, GHD's botanist thoroughly searched the south-west part (and remainder) of the survey area for *C. paractia*. No individuals of the taxon were identified or recorded within the survey area.

Likelihood of occurrence assessment

A likelihood of occurrence assessment was conducted post-field survey for all conservation significant flora taxa identified in the desktop assessment (Appendix D). This assessment took into account previous records, habitat requirements, efficacy of the survey, intensity of the survey, flowering times and the cryptic nature of species.

The likelihood of occurrence assessment post-field survey concluded that two taxa (*Polymeria* sp. Broome (K.F. Kenneally 9759) and *Phyllanthus eremicus*) are known to occur within the survey area, one taxon (*Corymbia paractia*) may possibly occur within the survey area, and 18 taxa are unlikely to occur within the survey area. An additional Priority flora taxon (*Aphyllodium parvifolium*) not identified in the desktop searches was also recorded within the survey area. The single taxon that may possibly occur (*C. paractia*) has been previously recorded within the survey area, but could not be relocated during the March 2016 survey.

4.1.7 Other significant flora

No other significant flora as defined by the EPA (2004a) was identified within the survey area during the field survey.

4.1.8 Introduced flora (weeds)

Ten introduced flora taxa were recorded within the survey area during the field survey. All of the taxa are considered environmental weeds, with the exception of **Jatropha gossypifolia* and **Ziziphus mauritiana*, which are listed as Declared Pests under the *Biosecurity and Management Act 2007*. The introduced flora taxa were largely restricted to the edges of tracks along the eastern boundary and a previously disturbed area in the southern part of the survey area (Plate 4).

The locations of significant (and commonly encountered) weeds are mapped in Figure 5, Appendix A.



Plate 4 **Jatropha gossypifolia* stand adjacent to a track and **Aerva javanica* in the southern part of the survey area


4.2 Fauna

4.2.1 Fauna habitats

One broad fauna habitat type, Pindan Woodlands was identified within survey area. This habitat is broadly represented in the local and regional areas. The fauna habitat type aligns with the vegetation association described above and mapped in Figure 4, Appendix A. A description of the fauna habitat type is provided in Table 17.

Micro-habitats throughout the survey area include low (surface) termite mounds, leaf litter, tree hollows and hollow logs (on the ground). These habitats provide micro-habitat features that conservation significant fauna may utilise for refuges, foraging and breeding. In particular, there are some areas throughout the survey area with moderately deep leaf litter, which provides particularly good habitat for reptiles. There are no permanent waterbodies located within the survey area, however evidence of seasonal pooling in low areas of the environment particularly along the road verge and run off from the airport lands was evident.

Table 17 Habitat type in the survey area

Description	Representation photograph
<p>Pindan Woodlands</p> <p>The Pindan Woodland habitat type consists of scattered <i>Corymbia</i> trees over mixed shrubs and grasses, herbs and vines. The western portion of the survey area contains a greater density of <i>Corymbia</i>, <i>Acacia</i> and <i>Bauhinia</i> trees compared with the remainder of the survey area. The survey area has scattered mature <i>Corymbia</i> trees, which had hollows present, however hollows where not common.</p> <p>Ground cover over much of the survey area was >50% (and in the western portion in some areas >80% due to large <i>Triodia</i> coverage), however some small open areas are present particularly where previous disturbances had occurred or the habitat was naturally more open (more into the eastern portions of the survey area). Ground cover consists of mixed grasses and low shrubs. Built up litter and dead grasses are present forming clumps around shrubs, <i>Triodia</i> clumps and <i>Corymbia</i> species. Some logs and debris with the occasional hollow log are present on the ground.</p> <p>The predominant soil type within the survey area is sand, however heavy loams occurred where low termite mounds were present. There is potential habitat in the survey area for conservation significant fauna including:</p> <ul style="list-style-type: none"> • Northern Brushtail Possum • Rainbow Bee-eater • Grey Falcon • Peregrine Falcon • Dampierlands Slider • Dampierlands Burrowing Snake • Little North-western Mastiff Bat • Osprey 	

Habitat connectivity

The fauna habitat within the survey area is situated between Broome town site and Cable Beach developments and is surrounded by roads, residential dwellings, education facilities and airport lands. Opposite the survey area and on the other side of Gubinge Road (western side of the survey area) is Yawuru Conservation Park, which incorporated the coastal dune strip along the coast. Additionally remnant vegetation is also present on the northern side of the survey area (over Djaigween Road and Gubinge Road). All remnant areas are separated by road systems and surrounded by residential areas.

Disturbance

Localised variation in habitat was evident throughout the survey area and this is likely attributable to fire and previously disturbed /cleared areas. The fire age of the survey area is estimated to be greater than 5 years.

In the section of vegetation along Cable Beach Road East an active bush camp was recorded (Figure 2, Appendix A). In this area disturbance was evident with rubbish and debris scattered in the bush. Additional to this random scattering of rubbish (dumped rubbish) and debris were scattered throughout the survey area.

Several walk trails and evidence of off road mountain biking were also recorded throughout the survey area.

At the end of the run way and within the survey area all the large trees had been selectively pruned/cropped due to safety requirements.

Habitat quality

The fauna habitat is largely in good condition with the overall habitat value considered to be moderate. Although fauna diversity was limited, particularly with regard to amphibians and mammals, this is likely due to the drier than normal conditions experienced at the time of survey and lack of creeks or water bodies in the survey area.

4.2.2 Targeted Bilby Survey

Three Bilby plots were assessed across the survey area for Bilby evidence of use. Plots are mapped and presented in Figure 3. No Bilby evidence was recorded on the plots or in the greater survey area during ground truthing for other survey methodology. The data captured from the plot assessments was tabulated and can be found in Appendix E.

4.2.3 Fauna diversity and assemblages

The March 2016 fauna survey recorded 95 vertebrate fauna species utilising Level 2 trapping and observation methods, including 14 mammals, 53 birds, 25 reptiles and three amphibians. A breakdown of the fauna assemblages for the GHD 2016 survey results are provided below.

Mammals

The surveys recorded 14 mammal species within the survey area, including two introduced and 12 native mammals. The composition of native species includes seven bats, one native rodent, one macropod, a Brushtail Possum, Planigale, Flying fox, Dog and Cat. The most specious family was the ordinary bats (four species) and the Freetail bats (two species) with the remaining families all singular. Twenty-five individual mammals (excluding bats) were recorded over the trapping program between seven species, with the most abundant being the Agile Wallaby. Eleven Agile Wallaby's were recorded (44% of total mammal recordings). No other mammal was abundant in the survey area.

Bats were only recorded via echolocation, therefore only presence or absence information could be collected. Some species overlap in call identification and therefore may represent multiple species. In any case other than the Little North-western Mastiff Bat there are no other species in the habitat type that are of conservation significance in the area. A breakdown of mammal families recorded during the surveys is provided in Table 18.

Table 18 Mammal families recorded during the field surveys

Mammal Family	No. of species
Canidae (Dog)	1
Dasyuridae (Planigale)	1
Emballonuridae (Sheath-tail Bats)	1
Felidae (Cat)	1
Molossidae (Freetail Bats)	2
Muridae (Native Rodents)	1
Macropodidae (Wallaby)	1
Pteropodidae (Flying Fox)	1
Phalangeridae (Possum)	1
Vespertilionidae (Bats)	4
Total	14

Birds

The bird surveys identified 53 bird species from 25 families. The most specious families were the Meliphagidae (nine species), Accipitridae (six species) and Artamidae (four species). Two hundred and ninety individual birds were recorded over the trapping program. The most abundant species were the Little Friarbird with 31 records (10.7% of total bird recordings), Red-winged Parrot with 26 records (9% of total bird recordings) and Little Corella with 24 records (8.3% of total bird recordings). A breakdown of bird families recorded during the survey is provided in Table 19.

Table 19 Bird families recorded during the field surveys

Bird Family	No. of species
Accanthizidae (Weebill/Gerygone)	1
Accipitridae (Diurnal birds of prey)	6
Artamidae (Magpie group)	4
Cacatuidae (Cockatoo group)	2
Campephagidae (Cuckoo-shrikes)	2
Columbidae (Doves)	3
Coraciidae (Dollarbird)	1
Corvidae (Crow)	1
Cuculidae (Cuckoos)	1
Estrildidae (Finchs)	2
Falconidae (Falcons)	3
Halcyonidae (Kingfishers)	2
Maluridae (Wrens)	2
Meliphagidae (Honeyeaters)	9
Meropidae (Bee eater)	1
Monarchidae (Lark)	2
Nectariniidae (Mistletoebird)	1
Pachycephalidae (Whistlers)	1
Pardalotidae (Pardalote)	1
Petroicidae (Robin)	1
Pomatostomidae (Babblers)	1

Bird Family	No. of species
Psittacidae (Parrots)	3
Ptilonorhynchidae (Bowerbird)	1
Rhipiduridae (Fantail)	1
Threskiornithidae (Ibis)	1
Total	53

Reptiles

A total of 25 reptile species were recorded during the field surveys from seven families. The most specious families were the Scincidae (eight species), Gekkonidae (five species) and Elapids (four species). Three hundred and twelve reptiles were recorded in the survey area over the trapping program. The most abundant species were *Erimascincus isolepis* with 79 records (25% of total reptile recordings), *Ctenotus inornatus* with 40 records (13% of total reptile recordings) and *Gehyra pilbara* with 35 records (11.2% of total reptile recordings). A breakdown of reptile families recorded during the survey is provided in Table 20

Table 20 Reptile families recorded during the field surveys

Reptile Family	No. of species
Agamidae (Dragons)	3
Diplodactylidae (Geckos)	2
Elapidae (Snakes)	4
Gekkonidae (Geckos)	5
Scincidae (Skinks)	8
Typhlopidae (Blindsnakes)	1
Varanidae (Monitors)	2
Total	25

Amphibians

Three amphibian species was recorded in the Survey area during the surveys, the Green Tree Frog (*Litoria caerulea*), Long-footed Frog (*Cyclorana longipes*) and Ornate Burrowing Frog (*Platyplectrum ornatum*). Very few individuals were recorded due to very dry conditions.

Combined vertebrate fauna diversity numbers

The 2011 survey completed by Eco-logical employed a Level 1 approach, which recorded 35 vertebrate fauna species, including 18 birds, 11 reptiles, three amphibian and 3 mammals. The combined vertebrate fauna results from the 2011 and 2016 surveys are summarized in Table 21, with 99 vertebrate fauna species recorded in total. A fauna list for the survey area is provided in Appendix E.

Table 21 Vertebrate fauna results summary

Survey	Birds	Reptiles (native/introduced)	Mammals (native/introduced)	Amphibia	Total
2011 (Eco-logical)	18	11	3 (2/1)	3	35
2016 (GHD)	53	25 (24/1)	14 (12/2)	3	95
Total species recorded	55	26 (25/1)	14 (12/2)	4	99

Accumulation curve

The number and type of species trapped each day was recorded and a species accumulation curve generated for the survey area. The species accumulation curve represents the

successfulness of the trapping program for its duration. Typically, the longer the trapping program the more complete the representation of species sampled per trapping location or habitat type. Accumulation curves should show “levelling” of the groups species counts prior to the completion of the survey. There are many limitations that can influence the results of an accumulation curve, and the curve should be observed as a guide only. One curve was generated for the survey as only one habitat type was recorded within the survey area; the curve is presented in Plate 6.

The accumulation curve showed levelling of each species group towards the end of the survey, demonstrating that of the species active at the time of survey, a majority were sampled.

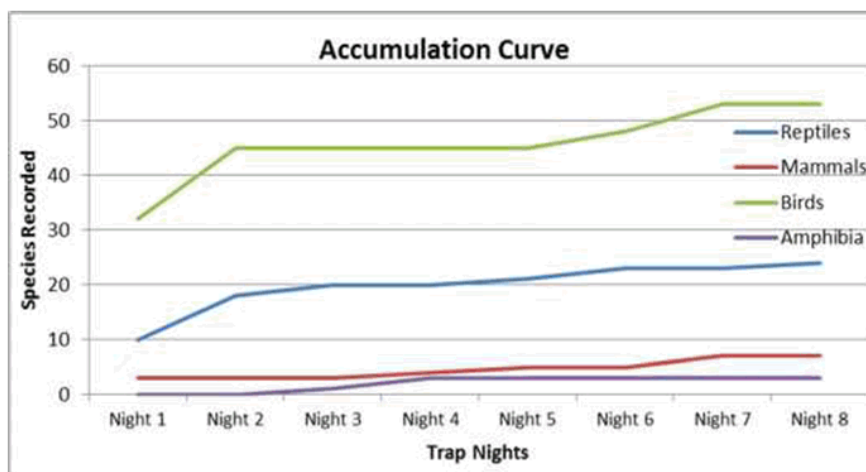


Plate 5 Fauna accumulation curve for the survey area

4.2.4 Conservation significant fauna

Five conservation significant fauna species were recorded within the survey area during the field survey. These species (other than the Little North-western Mastiff Bat, which was identified via echo location) have been mapped and are presented in Figure 6, Appendix A. These include:

- Northern Brushtail Possum (*Trichosurus vulpecula amhemensis*) – listed under Schedule 3 (Vulnerable) under the WC Act.
- Rainbow Bee-eater (*Merops ornatus*) – listed under Schedule 5 (International Agreement) under the WC Act and as Marine² under the EPBC Act.
- Peregrine Falcon (*Falco peregrinus*) – listed under Schedule 7 (Special Protection) under the WC Act.
- Osprey (*Pandion haliaetus*) – listed under Schedule 5 (International Agreement) under the WC Act and as Marine; Migratory terrestrial under the EPBC Act.
- Little North-western Mastiff Bat (*Ozimops cobourgiensis*) – listed as Priority 1 under DPaW.

Likelihood of occurrence assessment

In addition to the field survey results, an assessment on the likelihood of conservation significant species occurring in the survey area was undertaken. This assessment is based on species biology, habitat requirements, the quality and availability of suitable habitat as determined

² The Rainbow Bee-eater (*Merops ornatus*) was delisted as a 'Migratory terrestrial' species under the EPBC Act on 9 June 2016, and is now listed only as 'Marine'.

during the field survey and records of the species in the survey area and locality. Species-specific searches of the DPaW *NatureMap* database with a buffer of 20 km were also conducted in order to gather information about the broader regional occurrence of species to further inform the likelihood of occurrence assessment.

In total, including those recorded at the survey area eight species are known or likely to occur. Table 22 summarises the species of conservation significance that are either known or considered likely to occur in the survey area. A brief description of these species and their associated habitat types within the survey area are described below. The parameters of assessment for this likelihood of occurrence assessment and the full likelihood of occurrence assessment are provided in Appendix E.

Table 22 Summary of likelihood of occurrence assessment for conservation significant fauna species deemed known or likely to occur

Species	EPBC Act	WC Act/ DPaW	Assessment outcome
Birds			
Rainbow Bee-eater (<i>Merops ornatus</i>)	M	S5	Known – The Rainbow Bee-eater was recorded in the survey area. In the region, the species may be resident or migratory. Breeding and foraging habitat is present for this species in the survey area.
Grey Falcon (<i>Falco hypoleucos</i>)	-	S3 (Vu)	Likely – The species has been observed in the region and foraging habitat is available for this species. This species is likely to opportunistically use the survey area for foraging only. No known breed events have been recorded in the area. This species is typically rare and may visit the area irregularly.
Peregrine Falcon (<i>Falco peregrinus</i>)	-	S7 (SP)	Known – The species has been observed in the Broome region in the past and was recorded in the survey area during the field survey. The species was observed hunting therefore foraging habitat is available for this species. The survey area is not suitable for breeding. This species is widespread, not typically abundant and may visit the area irregularly.
Osprey (<i>Pandion haliaetus</i>)	Mi	S5	Known – The Osprey was recorded alongside the survey area utilising lighting poles for loafing. This species typically does not utilise the habitat present in the survey area and in this case utilise the lighting poles as a resting point only.
Mammals			
Northern Brushtail Possum (<i>Trichosurus vulpecula arnhemensis</i>)	-	S3, (Vu)	Known – The Northern Brushtail Possum is well known from the township of Broome, particularly the old established areas. One set of tracks was recorded in sand identified as Northern Brushtail Possum. Habitat is suitable for this species on site for both foraging and diurnal resting. Few hollows were recorded in the survey area however the dense understorey in some areas is suitable for resting.
Little North-western Mastiff Bat (<i>Ozimops cobourgiensis</i>)	-	P1	Known – The Little North-western Mastiff Bat was recorded in the survey area via bat recordings. This species is typically known to utilise mangrove communities for breeding and roosting and then the broader environment for foraging. In this case the survey area is likely foraging use only and utilised opportunistically.

Species	EPBC Act	WC Act/ DPaW	Assessment outcome
Reptiles			
Dampierlands Slider (<i>Lerista separanda</i>)	-	P2	Likely – The species has previously been recorded in the region and is a likely resident in the area. Most records are from coastal dunes where this species appears most common.
Dampierland Burrowing Snake (<i>Simoselaps minimus</i>)	-	P2	Likely – The species has previously been recorded in the region and is likely a resident in the area. Most records are from coastal dunes where this species appears most common.

Key – S7 (SP) = Schedule 7, Special Protection under WC Act, Mi = Migratory under EPBC Act, M = Marine under the EPBC Act, S5 = Schedule 5, Migratory under international Agreement under WC Act, S3 (Vu) = Schedule 3, Vulnerable under WC Act, P1 = Priority 1 under DPaW, P2 = Priority 2 under DPaW.

Fauna species recorded in the survey area

Rainbow Bee-eater (*Merops ornatus*)

The Rainbow Bee-eater (*Merops ornatus*) occurs in open forests and woodlands, shrublands, and in various cleared or semi-cleared habitats, including farmland and areas of human habitation. It also inhabits sand dune systems in coastal areas and at inland sites that are in close proximity to water (Morcombe 2004).

The Rainbow Bee-eater was recorded on several occasions in the survey area. It is also likely the species would breed in the survey area where opportunity presents. The Rainbow Bee-eater is a common and wide spread species in most parts of Australia and has been recorded regularly within 20 km of the survey area (DPaW 2007–). The locations where the species was recorded within the survey area are shown on Figure 6, Appendix A.

Northern Brushtail Possum (*Trichosurus vulpecula arnhemensis*)

The Northern Brushtail Possum is a subspecies of the Common Brushtail Possum and is known from the Kimberley and Pilbara regions of Western Australia. The Northern Brushtail Possum is able to live in a variety of habitats, including residential areas, vine thickets, forests, woodlands and areas without trees that offer caves and burrows for shelter. Typically the species is a nocturnal and solitary however the Northern Brushtail Possum has been known to partake in den sharing and to have a certain amount of tolerance for other individuals (Kerle *et al.* 1991). Males may occupy a territory of up to 4 hectares and females, up to 2 ha (Ganslosser and Etter-Ganslosser 1990).

The township of Broome is known to have a good population of this species and is often regarded as a pest for local resident when roof spaces become occupied. The older suburbs where large established trees are present are where the main population persists. Surrounding Broome Pindan Woodland which is long unburnt and have good hollows present provide typical habitat for the species. One record of this species in the survey area was identified. This observation was tracks in sand in the northern portion of the survey area (Plate 5). The location where the species was recorded is shown on Figure 6, Appendix A.



Plate 6 Prints from a Northern Brushtail Possum crossing a track

Peregrine Falcon (*Falco peregrinus*)

The Peregrine Falcon is uncommon but wide-ranging across Australia. Habitat is extremely diverse, from rainforest to arid scrub, from coastal heath to alpine. The Peregrine Falcon nests primarily on ledges of cliffs, shallow tree hollows, and ledges of building in cities (Morcombe 2004).

A Peregrine Falcon was observed in the survey area during the trapping program and looked to be hunting over the site. The location where the species was recorded is shown on Figure 6, Appendix A. The species has been recorded within 20 km of the survey area as recently as 2014 (DPaW 2007–). The survey area consists of potentially suitable foraging habitat, but lack suitable breeding habitat for the species due to the lack of large eucalypts or coastal cliffs.

Osprey (*Pandion haliaetus*)

The Osprey (*Pandion haliaetus*) occurs in littoral and coastal habitats and terrestrial wetlands of tropical and temperate Australia and offshore islands. They are mostly found in coastal areas but occasionally travel inland along major rivers, particularly in northern Australia. They require extensive areas of open fresh, brackish or saline water for foraging (Marchant & Higgins 1993). They frequent a variety of wetland habitats including inshore waters, reefs, bays, coastal cliffs, beaches, estuaries, mangrove swamps, broad rivers, reservoirs and large lakes and waterholes. They exhibit a preference for coastal cliffs and elevated islands in some parts of their range, but may also occur on low sandy, muddy or rocky shores and over coral cays.

One individual was recorded utilising a light pole alongside the survey area as shown in Figure 6, Appendix A. The habitat in the survey area is not considered typical for this species. Utilising the light poles would be for loafing only.

Little North-western Mastiff Bat (*Ozimops cobourgianus*)

The Little North-western Mastiff Bat is known from 12 locations in Western Australia (DPaW 2007–) and four in the Northern Territory, and within this distribution it is restricted to a few localised habitats, and can appear to be locally common because it aggregates. In Western Australia, this species inhabits mangrove stands, and has been recorded roosting in hollows and or crevices in mangroves (van Dyck *et al.* 2013). There are records of the Little North-western Mastiff Bat from mangroves near Cape Leveque and on the Dampier Peninsula.

The Little North-western Mastiff Bat is listed as Priority 1 by the DPaW, and was recorded in the survey area at the bat recorder locations shown on Figure 3, Appendix A. Given the lack of mangrove within the survey area, it is likely this species opportunistically forages in the survey area and roosts in the mangroves of Roebuck Bay.

Fauna species considered likely to occur within the Survey area**Grey Falcon (*Falco hypoleucos*)**

The Grey Falcon inhabits lightly timbered country, especially stony plains and lightly timbered acacia scrub. This species is considered scarce to rare and is usually found singularly or sometimes in pairs (Morcombe 2004). In Northern Pilbara/Southern Kimberley WA, the grey falcon is very rare. The distribution of the Grey Falcon is typically centred on inland drainage systems, where it frequents timbered lowland plains, particularly acacia shrublands cross by tree-lined watercourses to forage. It also hunts in treeless areas and frequents tussock grassland and open woodland, especially in winter, but it generally avoids deserts.

Grey Falcons are known from the region all be it in low numbers. The last recorded individual was in 2002. The habitat type in the survey area provide suitable foraging habitat for this species.

Dampierland Burrowing Snake (*Simoselaps minimus*)

Dampierland Burrowing Snake (*Simoselaps minimus*) is known from sandy areas of south-western Kimberley coast, on the Dampierlands Peninsular (Wilson and Swan 2010). Dampierland Burrowing Snake is known from the Broome area primarily from the coastal dunes and adjoining environment. No individuals have been recorded in the survey area however habitat is present and the survey area abuts the coastal dunes within the Yawuru Conservation Park. This species is likely present in the survey area all be it in low numbers.

Dampierlands Slider (*Lerista separanda*)

The Dampierlands Slider (*Lerista separanda*) is known from sandy areas of south-western Kimberley coast, between Kimbleton and Nita Downs Station (Wilson and Swan 2010). Dampierland Plain Slider is known from the Broome area primarily from the coastal dunes and adjoining environment. No individuals have been recorded in the survey area however habitat is present and the survey area abuts the coastal dunes within the Yawuru Conservation Park. This species is likely present in the survey area all be it in low numbers.

4.2.5 Introduced fauna

Two introduced mammal species and one introduced reptile species were recorded in the survey area during the field surveys. These species include the Cat, Dog and Asian House Gecko. All three species are known from the area/region with the Dogs recorded observed from the residential area adjoining the survey area. The Asian House Gecko was recorded during the survey in low numbers. Typically this species is more common around town site and developed areas utilising buildings for food and cover. It is likely that the odd specimen is present in the survey area but no significant population was recorded.

5. Conclusions

5.1 Key findings

5.1.1 Vegetation and flora

The survey area comprised one vegetation association, which was not considered representative of any Commonwealth or State-listed TECs or PECs, other significant vegetation as defined by the EPA (2004a), nor considered to be growing in association with watercourses or wetlands. The vegetation condition within the survey area was rated from condition 4 to 6. The majority of the survey area was rated condition 4, with the southern part of the survey area and areas adjacent to tracks and roads rated condition 5 and an old drainage area that had been historically cleared rated as condition 6.

No EPBC Act or WC Act listed flora taxa were recorded within the survey area, however, three DPaW Priority listed flora taxa, *Polymeria* sp. Broome (K.F. Kenneally 9759) (Priority 1), *Aphyllodium parvifolium* (Priority 1) and *Phyllanthus eremicus* (Priority 3) were recorded. A single individual of *Corymbia paractia* was previously recorded within the survey area by Eco Logical (2011). This individual could not be relocated during the March 2016 field survey. A likelihood of occurrence assessment conducted post-field survey concluded that in addition to the three known Priority flora taxa known within the survey area, one taxon may possibly occur (*C. paractia*) within the survey area and 18 taxa are unlikely to occur within the survey area.

5.1.2 Fauna

The survey area comprises one fauna habitat type which aligns to the vegetation association described. Five species of conservation significance were recorded in the survey area:

- Northern Brushtail Possum (*Trichosurus vulpecula amhemensis*) – listed under Schedule 3 (Vulnerable) under the WC Act.
- Rainbow Bee-eater (*Merops ornatus*) – listed under Schedule 5 (International Agreement) under the WC Act and as Marine under the EPBC Act.
- Peregrine Falcon (*Falco peregrinus*) – listed under Schedule 7 (Special Protection) under the WC Act.
- Osprey (*Pandion haliaetus*) – listed under Schedule 5 (International Agreement) under the WC Act and as Marine; Migratory terrestrial under the EPBC Act.
- Little North-western Mastiff Bat (*Ozimops cobourgiensis*) – listed as Priority 1 under DPaW.

An additional three species are regarded as likely to occur in the area and include:

- Grey Falcon (*Falco hypoleucos*) – listed under Schedule 3 (Vulnerable) under the WC Act.
- Dampierlands Slider (*Lerista separanda*) – listed as Priority 2 under DPaW.
- Dampierland Burrowing Snake (*Simoselaps minimus*) – listed as Priority 2 under DPaW.

Of these species the Osprey, Little North-western Mastiff Bat, Peregrine Falcon and Grey Falcon are likely to only utilise the survey area opportunistically with the habitat not considered important to the species. The remaining species, the Rainbow Bee-eater, Northern Brushtail Possum, Dampierlands Slider and Dampierlands Burrowing Snake may persist in the survey area and utilise the habitat available for foraging and/or breeding.

No Bilby or evidence of the species was recorded in the survey area. This is likely to be due to the survey area being in relatively close proximity to Broome town site (existing disturbance), feral species present and size of the survey area in a high fragmented area.

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Appendices

Appendix A – Figures

Figure 1 Project location

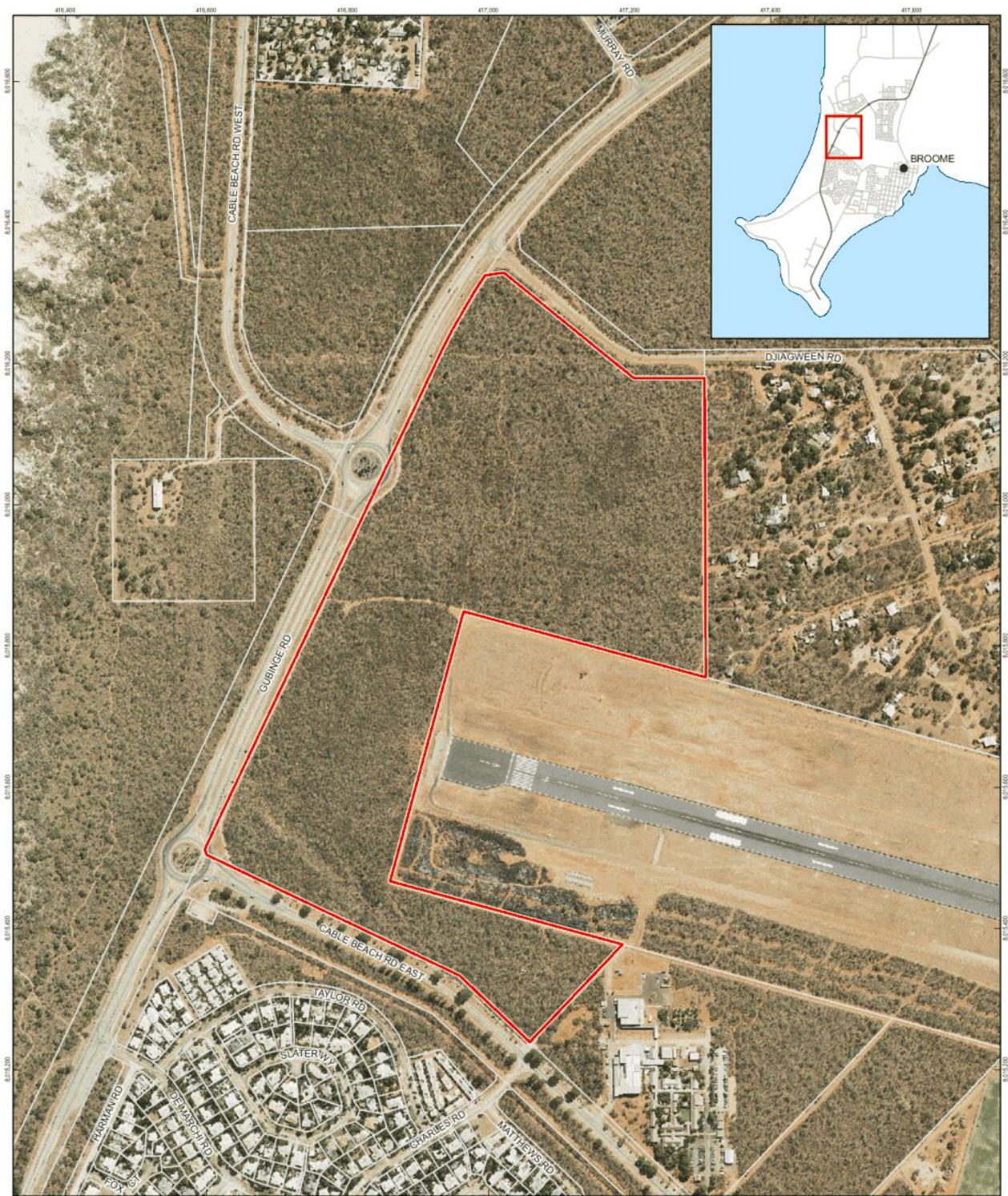
Figure 2 Flora and fauna sample locations

Figure 3 Biological constraints

Figure 4 Vegetation types and conservation significant flora

Figure 5 Vegetation condition and weed locations

Figure 6 Conservation significant fauna



LEGEND

- Survey Area
- Cadastre

0 50 100 150 200
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 51



Nyamba Buru Yawuru Ltd
Cable Beach Rd East Ecological Survey/PEIA

Job Number 61-33207
Revision 0
Date 14 Jun 2016

Site Location

Figure 1

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Data sources: GHD: Survey Area - 20160225; Landgate: Cadastre, Roads - 20160225; Imagery (Virtual Mosaic); Geoscience Australia: Geospatial Topo 250m Series II. Created by athenry



LEGEND

- | | | |
|--|--|--|
| ■ Bush Camp | ● Trap Line 3 | □ Vegetation Quadrat (Q) |
| ● Trap Line 1 | ● Camera Locations | □ Survey Area |
| ● Trap Line 2 | ● Bat Recorders | □ Bilby Plot |

0 50 100 150 200 250
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 51



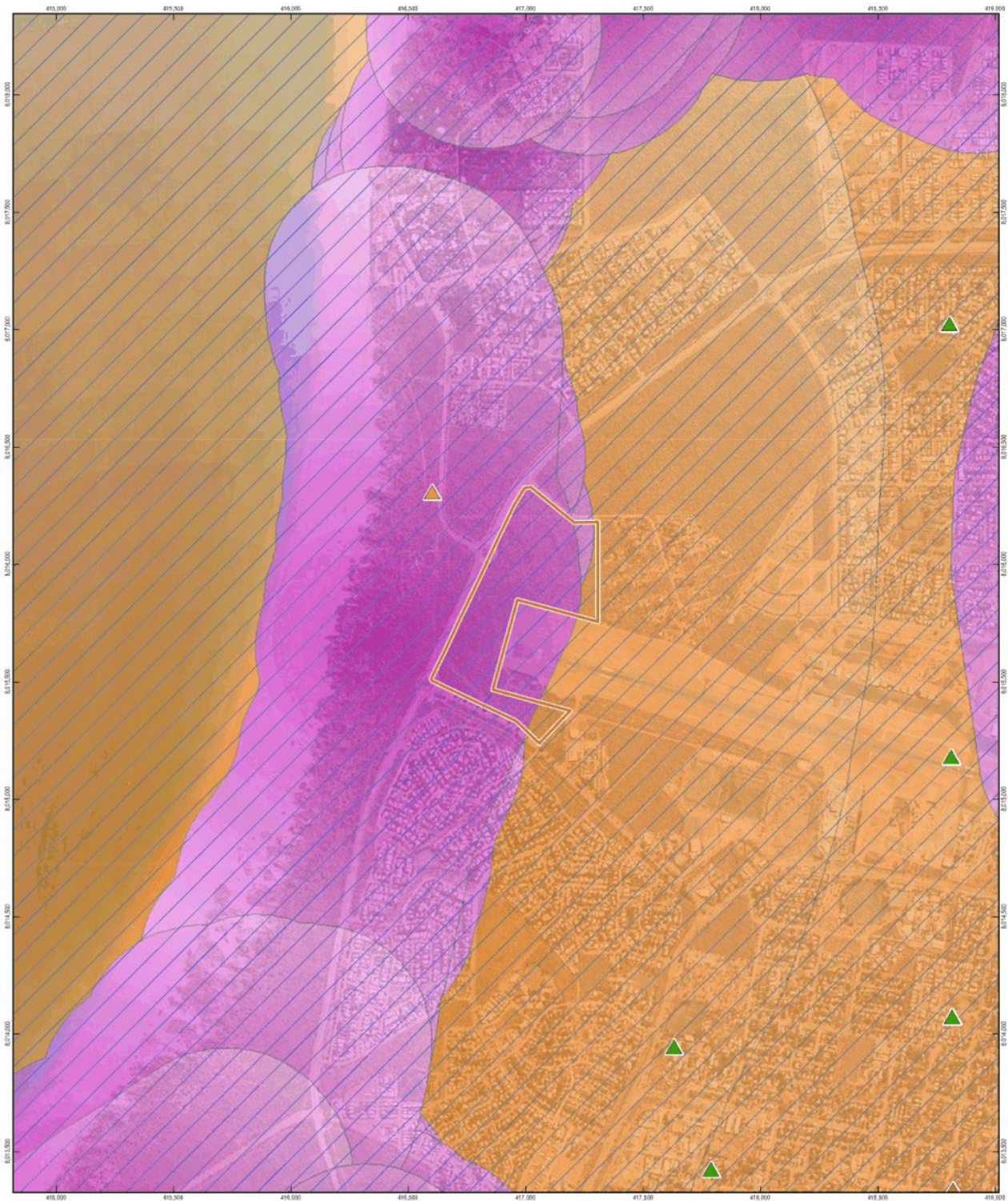
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Flora and Fauna Sample Locations

Figure 2

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Data source: Landgate Imagery (Virtual Mouse); GHD - Survey Area - 20160223; Bush Camp; Trap Lines; Camera Locations; Bat Recorders; Bilby Plot; Vegetation Quadrat - 20160304. Created by: sherry.



LEGEND

- | | | |
|--|---------------------------------|--------------------------------|
| Threatened (Declared Rare) and Priority Flora | Ecological Communities | Survey Area |
| (T) Threatened Flora - Extant Taxa | Priority Ecological Community | Environmentally Sensitive Area |
| Priority 1 - Poorly Known Taxa | Threatened Ecological Community | |
| Priority 3 - Poorly Known Taxa | | |

0 200 400 600 800
Metres
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 51



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Biological Constraints

Figure 3

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Data sources: GHD, Survey Area - 20160225; Landgate, Cadastre, Roads - 20160225; Imagery (Virtual Blocks); DPW - TSC-PEC; Threatened and Priority Flora - 20160311; DER - ESA - 20151210. Created by: alferny.



LEGEND

Conservation Significant Flora

- ▲ *Polymeria* sp. sp. Broome (K.F. Kenneally 9759) (P1)
- ▲ *Phyllanthus eremicus* (P3)

Survey Area

Vegetation Type

Pindan Shrubland

0 50 100 150 200 250
Metres

Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 51



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Vegetation Types and
Conservation Significant Flora

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Figure 4

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Data source: Landgate Imagery (Ordnance Survey); GHD: Survey Area - 20160223; Conservation Significant Flora, Vegetation Type - 20160504. Created by: althea



LEGEND

Weed Locations	*Jatropha gossypifolia (DP)	Vegetation Condition	5	Survey Area
*Aerva javanica	*Passiflora foetida	4	6	
*Cenchrus bifforus	*Ziziohus mauritiana (DP)	4-5	Cleared	

Paper Size A3
 0 50 100 150 200 250
 Metres
 Map Projection: Transverse Mercator
 Horizontal Datum: GDA 1994
 Grid: GDA 1994 MGA Zone 51



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 Cable Beach Rd East Ecological Survey/PEIA

Vegetation condition
 and weed locations

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 Date 14 Jun 2016

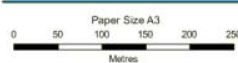
Figure 5

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 Data source: Landgate Imagery (Ordnance Survey); GHD: Survey Area - 20160223; Weed Locations, Vegetation Condition - 20160504. Created by atterney.



LEGEND

- Osprey
- Northern Brushtail Possum Tracks
- Peregrine Falcon
- Rainbow Bee-eater
- Survey Area



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Conservation Significant Fauna

Figure 6

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Data source: Landgate Imagery (Ordnance Survey); GHD - Survey Area - 20160223; Fauna Results - 20160504. Created by: eflm

Appendix B – Relevant legislation, conservation codes and background information

Legislation

Federal Environment Protection and Biodiversity Conservation Act 1999

The *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act) is the Federal Government's central piece of environmental legislation. It provides a legal framework to protect and manage nationally and internationally important flora, fauna, ecological communities and heritage places, which are defined in the EPBC Act as Matters of National Environmental Significance (MNES).

The biological aspects listed as MNES include:

- Nationally threatened flora and fauna species and ecological communities
- Migratory species

A person must not take an action that has, will have, or is likely to have a significant impact MNES, without approval from the Federal Minister for the Environment.

A person must not undertake an action that has, will have, or is likely to have a significant impact (direct or indirect) on MNES, without approval from the Australian Government Minister for the Environment.

State Environmental Protection Act 1986

The *Environmental Protection Act 1986* (EP Act) is the primary legislative Act dealing with the protection of the environment in Western Australia. The Act allows the Environmental Protection Authority (EPA), to prevent, control and abate pollution and environmental harm, for the conservation, preservation, protection, enhancement and management of the environment and for matters incidental to or connected with the above.

Clearing of native vegetation in Western Australia requires a permit from the Department of Environment Regulation (DER) (formerly the Department of Environment and Conservation – DEC), unless exemptions apply. Native vegetation includes aquatic and terrestrial vegetation indigenous to Western Australia, and intentionally planted vegetation declared by regulation to be native, but not vegetation planted in a plantation or planted with commercial intent.

In the EP Act Section 51A, clearing is defined as the killing or destruction of; the removal of; the severing or ringbarking of trunks or stems of; or the doing of substantial damage of some or all of the native vegetation in an area, including the flooding of land, the burning of vegetation, the grazing of stock or an act or activity that results in the above.

When making a decision to grant or refuse a permit to clear native vegetation the assessment considers clearing against the ten clearing principles as specified in Schedule 5 of the EP Act:

- a) Native vegetation should not be cleared if it comprises a high level of biodiversity.
- b) Native vegetation should not be cleared if it comprises the whole or a part of, or is necessary for the maintenance of a significance habitat for fauna indigenous to Western Australia.
- c) Native vegetation should not be cleared if it includes, or is necessary, for the continued existence of rare flora.
- d) Native vegetation should not be cleared if it comprises the whole or part of native vegetation in an area that has been extensively cleared.
- e) Native vegetation should not be cleared if it is significant as a remnant of native vegetation in an area that has been extensively cleared.
- f) Native vegetation should not be cleared if it is growing in, or in association with, an environment associated with a watercourse or wetland.

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- g) Native vegetation should not be cleared if the clearing of the vegetation is likely to have an impact on the environmental values of any adjacent or nearby conservation area.
- h) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause appreciable land degradation.
- i) Native vegetation should not be cleared if the clearing of the vegetation is likely to cause deterioration in the quality of surface or underground water.
- j) Native vegetation should not be cleared if clearing the vegetation is likely to cause, or exacerbate, the incidence of flooding.

There are a number of Environmentally Sensitive Areas (ESAs) within Western Australia where exemptions in regulations do not apply. ESAs include locations of threatened communities and species.

State Environmental Protection (Clearing of Native Vegetation) Regulations 2004

ESAs are declared by a notice under Section 51B of the EP Act. The Table below outlines the aspects of areas declared as ESA (under the Environmental Protection (Clearing of Native Vegetation) Regulations 2004 – Reg 6).

Aspects of Environmentally Sensitive Areas

Aspects of Environmentally Sensitive Areas
A declared World Heritage property as defined in Section 13 of the <i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act).
An area that is registered on the Register of the National Estate (RNE), because of its natural values, under the <i>Australian Heritage Commission Act 1975</i> of the Commonwealth (the RNE was closed in 2007 and is no longer a statutory list – all references to the RNE were removed from the EPBC Act on 19 February 2012).
A defined wetland and the area within 50 m of the wetland.
The area covered by vegetation within 50 m of rare flora, to the extent to which the vegetation is continuous with the vegetation in which the rare flora is located.
The area covered by a TEC.
A Bush Forever Site.
The areas covered by the following policies:
a) The <i>Environmental Protection (Gnangara Mound Crown Land) Policy 1992</i> .
b) The <i>Environmental Protection (Western Swamp Tortoise Habitat) Policy 2002</i> .
The areas covered by the lakes to which the <i>Environmental Protection (Swan Coastal Plain Lakes) Policy 1992</i> (SCPL) (EPP Lakes) applies.
Protected wetlands as defined in the <i>Environmental Protection (South West Agricultural Zone Wetlands) Policy 1998</i> .
Areas of fringing native vegetation in the policy area as defined in the <i>Environmental Protection (Swan and Canning Rivers) Policy 1997</i> .

State Wildlife Conservation Act 1950

The *Wildlife Conservation Act 1950* (WC Act) provides for the conservation and protection of wildlife. It is administered by the Department of Parks and Wildlife (DPaW) (formerly the DEC) and applies to both flora and fauna. Any person wanting to capture, collect, disturb or study fauna requires a permit to do so. A permit is required under the WC Act if removal of threatened species is required.

State Biosecurity and Agriculture Management Act 2007

Under the *Biosecurity and Agriculture Management Act 2007* (BAM Act), a Declared Pest is a prohibited organism or an organism for which a declaration under Section 22(2) is in force. The Department of Agriculture and Food Western Australia (DAFWA) maintains a list of Declared Pests for Western Australia. If a Pest is declared for the whole of the State or for particular Local Government Areas, all landholders are obliged to comply with the specific category of control. Declared plants are gazetted under categories, which define the action required. The category may apply to the whole of the State, districts, individual properties or even paddocks. Categories of control are defined below. Among the factors considered in categorising Declared Pests are:

- The impact of the plant on individuals, agricultural production and the community in general
- Whether it is already established in the area
- The feasibility and cost of possible control measures

The BAM Act replaces the repealed *Agriculture and Related Resources Protection Act 1976* (ARRP Act).

Department of Agriculture and Food (Western Australia) Categories for Declared Pests under the *Biosecurity and Agriculture Management Act 2007*

Control class code	Description
C1 (Exclusion)	Pests will be assigned to this category if they are not established in Western Australia and control measures are to be taken, including border checks, in order to prevent them entering and establishing in the State.
C2 (Eradication)	Pests will be assigned to this category if they are present in Western Australia in low enough numbers or in sufficiently limited areas that their eradication is still a possibility.
C3 (Management)	Pests will be assigned to this category if they are established in Western Australia but it is feasible, or desirable, to manage them in order to limit their damage. Control measures can prevent a C3 pest from increasing in population size or density or moving from an area in which it is established into an area which currently is free of that pest.

Background information and conservation codes

Reserves and conservation areas

Department of Parks and Wildlife managed lands and waters

DPaW manages lands and waters throughout Western Australia to conserve ecosystems and species, and to provide for recreation and appreciation of the natural environment. DPaW managed lands and waters include national parks, conservation parks and reserves, marine parks and reserves, regional parks, nature reserves, State forest and timber reserves. DPaW managed conservation estate, is vested with the Conservation Commission of Western Australia. Access to, or through, some areas of DPaW managed lands may require a permit or could be restricted due to management activities. Proposed land use changes and development proposals that abut DPaW managed lands will generally be referred to DPaW throughout the assessment process.

Vegetation extent and status

The National Objectives and Targets for Biodiversity Conservation 2001–2005 (Commonwealth of Australia 2001) recognise that the retention of 30 percent or more of the pre-clearing extent of each ecological community is necessary if Australia's biological diversity is to be protected. This is the threshold level below which species loss appears to accelerate exponentially and loss below this level should not be permitted. This level of recognition is in keeping with the targets recommended in the review of the National Strategy for the Conservation of Australia's Biological Diversity (ANZECC 2000) and in Environmental Protection Authority (EPA) Position Statement No. 2 on environmental protection of native vegetation in Western Australia (EPA 2000).

From a purely biodiversity perspective and taking no account of any other land degradation issues, there are a number of key criteria now being applied to the clearing of native vegetation in Western Australia (EPA 2000).

- The "threshold level" below which species loss appears to accelerate exponentially at an ecosystem level is regarded as being at a level of 30 percent of the pre-European extent of the vegetation type.
- A level of 10 percent of the original extent is regarded as being a level representing Endangered.
- Clearing which would put the threat level into the class below should be avoided.
- From a biodiversity perspective, stream reserves should generally be in the order of at least 200 metres (m) wide.

The extent of remnant native vegetation has been assessed by Shepherd et al. (2002) and the Government of Western Australia (2015), based on broadscale vegetation association mapping by Beard (1977).

Conservation codes

Species of significant flora, fauna and communities are protected under both Federal and State Acts. The Federal EPBC Act provides a legal framework to protect and manage nationally important flora and communities. The State WC Act is the primary wildlife conservation legislation in Western Australia. Information on the conservation codes is summarised in the following sections.

Conservation significant communities

Ecological communities are defined as naturally occurring biological assemblages that occur in a particular type of habitat (English and Blyth 1997). Federally listed Threatened Ecological Communities (TECs) are protected under the EPBC Act administered by the Department of the

Environment (DotE) (formerly Department of Sustainability, Environment, Water, Population and Communities – DSEWPaC). The DPaW also maintains a list of TECs for Western Australia; some of which are also protected under the EPBC Act. TECs are ecological communities that have been assessed and assigned to one of four categories related to the status of the threat to the community, i.e. Presumed Totally Destroyed, Critically Endangered, Endangered and Vulnerable.

Possible TEC that do not meet survey criteria are added to the DPaW Priority Ecological Community (PEC) List under Priorities 1, 2 and 3. These are ecological communities that are adequately known; are rare but not threatened, or meet criteria for Near Threatened. PECs that have been recently removed from the threatened list are placed in Priority 4. These ecological communities require regular monitoring. Conservation dependent ecological communities are placed in Priority 5. PECs are not listed under any formal Federal or State legislation.

Conservation codes and definitions for Threatened Ecological Communities endorsed by the Western Australian Minister for the Environment and listed under the *Environment Protection and Biodiversity Conservation Act 1999*

Western Australia conservation categories		Federal Government Conservation Categories (EPBC Act)	
Presumed Totally Destroyed (PD)	The community has been found to be totally destroyed or so extensively modified throughout its range that no occurrence of it is likely to recover its species composition and/or structure in the foreseeable future.	Critically Endangered (CR)	If, at that time, it is facing an extremely high risk of extinction in the wild in the immediate future
Critically Endangered (CR)	An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or that was originally of limited distribution and is facing severe modification or destruction throughout its range in the immediate future, or is already severely degraded throughout its range but capable of being substantially restored or rehabilitated	Endangered (EN)	If, at that time, it is not critically endangered and is facing a very high risk of extinction in the wild in the near future
Endangered (EN)	An ecological community that has been adequately surveyed and found to have been subject to a major contraction in area and/or was originally of limited distribution and is in danger of significant modification throughout its range or severe modification or destruction over most of its range in the near future.	Vulnerable (VU)	If, at that time, it is not critically endangered or endangered, and is facing a high risk of extinction in the wild in the medium-term future
Vulnerable (VU)	An ecological community that has been adequately surveyed and is found to be declining and/or has declined in distribution and/or condition and whose ultimate security has not yet been assured and/or a community that is still widespread but is believed likely to move into a category of higher threat in the near future if threatening processes continue or begin operating throughout its range.		

Conservation categories and definitions for Priority Ecological Communities as listed by the Department of Parks and Wildlife

Category	Description
Priority 1	<p>Poorly known ecological communities.</p> <p>Ecological communities that are known from very few occurrences with a very restricted distribution (generally ≤ 5 occurrences or a total area of ≤ 100 ha). Occurrences are believed to be under threat either due to limited extent, or being on lands under immediate threat (e.g. within agricultural or pastoral lands, urban areas, active mineral leases) or for which current threats exist. May include communities with occurrences on protected lands. Communities may be included if they are comparatively well-known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under immediate threat from known threatening processes across their range.</p>
Priority 2	<p>Poorly known ecological communities.</p> <p>Communities that are known from few occurrences with a restricted distribution (generally ≤ 10 occurrences or a total area of ≤ 200 ha). At least some occurrences are not believed to be under immediate threat of destruction or degradation. Communities may be included if they are comparatively well known from one or more localities but do not meet adequacy of survey requirements, and/or are not well defined, and appear to be under threat from known threatening processes.</p>
Priority 3	<p>Poorly known ecological communities.</p> <p>(i) Communities that are known from several to many occurrences, a significant number or area of which are not under threat of habitat destruction or degradation or:</p> <p>(ii) communities known from a few widespread occurrences, which are either large or with significant remaining areas of habitat in which other occurrences may occur, much of it not under imminent threat, or;</p> <p>(iii) communities made up of large, and/or widespread occurrences, that may or may not be represented in the reserve system, but are under threat of modification across much of their range from processes such as grazing by domestic and/or feral stock, and inappropriate fire regimes.</p> <p>Communities may be included if they are comparatively well known from several localities but do not meet adequacy of survey requirements and/or are not well defined, and known threatening processes exist that could affect them.</p>
Priority 4	<p>Ecological communities that are adequately known, rare but not threatened or meet criteria for Near Threatened, or that have been recently removed from the threatened list. These communities require regular monitoring.</p> <p>(i) Rare. Ecological communities known from few occurrences that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These communities are usually represented on conservation lands.</p> <p>(ii) Near Threatened. Ecological communities that are considered to have been adequately surveyed and that do not qualify for Conservation Dependent, but that are close to qualifying for Vulnerable.</p> <p>(iii) Ecological communities that have been removed from the list of threatened communities during the past five years.</p>

Category	Description
Priority 5	<p>Conservation Dependent ecological communities.</p> <p>Ecological communities that are not threatened but are subject to a specific conservation program, the cessation of which would result in the community becoming threatened within five years.</p>

Other significant vegetation

Vegetation may be significant for a range of reasons, other than a statutory listing as TEC or because the extent is below a threshold level. The EPA (2004) states that significant vegetation may include vegetation that includes the following:

- Scarcity
- Unusual species
- Novel combinations of species
- A role as a refuge
- A role as a key habitat for Threatened species or large population representing a significant proportion of the local to regional total population of a species
- Being representative of the range of a unit (particularly, a good local and/or regional example of a unit in 'prime' habitat, at the extremes of range, recently discovered range extensions, or isolated outliers of the main range)
- A restricted distribution

This may apply at a number of levels, so the unit may be significant when considered at the fine-scale (intra-locality), intermediate-scale (locality or inter-locality) or broad-scale (local to region).

Conservation significant flora and fauna

Species of significant flora are protected under both Federal and State legislation. Any activities that are deemed to have a significant impact on species that are recognised by the EPBC Act, and/or the WC Act can warrant referral to the DoE and/or the EPA.

The Federal conservation level of flora and fauna species and their significance status is assessed under the EPBC Act. The significance levels for fauna used in the EPBC Act are those recommended by the International Union for the Conservation of Nature and Natural Resources (IUCN).

Threatened species have been published as Specially Protected under the WC Act 1950, and listed under Schedules 1 to 4 of the Wildlife Conservation (Specially Protected Fauna) Notice for Threatened Fauna and Wildlife Conservation (Rare Flora) Notice for Threatened Flora. The schedules align with the categories of the EPBC Act. Threatened species are those species which have been adequately searched for and are deemed to be, in the wild, either rare, at risk of extinction, or otherwise in need of special protection, and have been gazetted as such.

Possibly threatened species that do not meet survey criteria, or are otherwise data deficient, are added to the Priority Fauna or Priority Flora Lists under Priorities 1, 2 or 3. These three categories are ranked in order of priority for survey and evaluation of conservation status so that consideration can be given to their declaration as threatened flora or fauna.

Species that are adequately known, are rare but not threatened, or meet criteria for near threatened, or that have been recently removed from the threatened species or other specially protected fauna lists for other than taxonomic reasons, are placed in Priority 4. These species require regular monitoring.

For the purposes of this assessment, all species listed under the EPBC Act, WC Act and DPaW Priority species are considered conservation significant.

Conservation categories and definitions for *Environment Protection and Biodiversity Conservation Act 1999* listed flora & fauna species

Conservation category	Definition
Extinct	Taxa not definitely located in the wild during the past 50 years
Extinct in the Wild	Taxa known to survive only in captivity
Critically Endangered	Taxa facing an extremely high risk of extinction in the wild in the immediate future
Endangered	Taxa facing a very high risk of extinction in the wild in the near future
Vulnerable	Taxa facing a high risk of extinction in the wild in the medium-term
Near Threatened	Taxa that risk becoming Vulnerable in the wild
Conservation Dependent	Taxa whose survival depends upon ongoing conservation measures. Without these measures, a conservation dependent taxon would be classified as Vulnerable or more severely threatened.
Data Deficient (Insufficiently Known)	Taxa suspected of being Rare, Vulnerable or Endangered, but whose true status cannot be determined without more information.
Least Concern	Taxa that are not considered Threatened

Conservation codes and descriptions for Western Australian flora and fauna

Code	Conservation category	Description
<i>Wildlife Conservation Act 1950</i>		
T	Threatened species	<p>Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i>, and listed under Schedules 1 to 4 of the Wildlife Conservation (Specially Protected Fauna) Notice for Threatened Fauna and Wildlife Conservation (Rare Flora) Notice for Threatened Flora (which may also be referred to as Declared Rare Flora).</p> <p>Threatened fauna is that subset of 'Specially Protected Fauna' declared to be 'likely to become extinct' pursuant to section 14(4) of the Wildlife Conservation Act.</p> <p>Threatened flora is flora that has been declared to be 'likely to become extinct or is rare, or otherwise in need of special protection', pursuant to section 23F(2) of the Wildlife Conservation Act.</p> <p>The assessment of the conservation status of these species is based on their national extent and ranked according to their level of threat using IUCN Red List categories and criteria as detailed below.</p>
CR	Critically endangered species	Threatened species considered to be facing an extremely high risk of extinction in the wild. Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i> , in Schedule 1 of the Wildlife Conservation (Specially Protected Fauna) Notice for Threatened Fauna and Wildlife Conservation (Rare Flora) Notice for Threatened Flora.
EN	Endangered species	Threatened species considered to be facing a very high risk of extinction in the wild. Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i> , in Schedule 2 of the Wildlife Conservation (Specially Protected Fauna) Notice for Threatened Fauna and Wildlife Conservation (Rare Flora) Notice for Threatened Flora.
VU	Vulnerable species	Threatened species considered to be facing a high risk of extinction in the wild. Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i> , in Schedule 3 of the Wildlife Conservation (Specially Protected Fauna) Notice for Threatened Fauna and Wildlife Conservation (Rare Flora) Notice for Threatened Flora.
EX	Presumed extinct species	Species which have been adequately searched for and there is no reasonable doubt that the last individual has died. Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i> , in Schedule 4 of the Wildlife Conservation (Specially Protected Fauna) Notice for Presumed Extinct Fauna and Wildlife Conservation (Rare Flora) Notice for Presumed Extinct Flora.
IA	Migratory birds protected under an international agreement	Birds that are subject to an agreement between the government of Australia and the governments of Japan (JAMBA), China (CAMBA) and The Republic of Korea (ROKAMBA), and the Bonn Convention, relating to the protection of migratory birds. Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i> , in Schedule 5 of the Wildlife Conservation (Specially Protected Fauna) Notice.
CD	Conservation dependent fauna	Fauna of special conservation need being species dependent on ongoing conservation intervention to prevent it becoming eligible for listing as threatened. Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i> , in Schedule 6 of the Wildlife Conservation (Specially Protected Fauna) Notice.
OS	Other specially protected fauna	Fauna otherwise in need of special protection to ensure their conservation. Published as Specially Protected under the <i>Wildlife Conservation Act 1950</i> , in Schedule 7 of the Wildlife Conservation (Specially Protected Fauna) Notice.

Code	Conservation category	Description
DPaW Priority Listed		
1	Priority One: Poorly-known taxa	Species that are known from one or a few locations (generally five or less) which are potentially at risk. All occurrences are either: very small; or on lands not managed for conservation, e.g. agricultural or pastoral lands, urban areas, road and rail reserves, gravel reserves and active mineral leases; or otherwise under threat of habitat destruction or degradation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under immediate threat from known threatening processes. Such species are in urgent need of further survey.
2	Priority Two: Poorly-known taxa	Species that are known from one or a few locations (generally five or less), some of which are on lands managed primarily for nature conservation, e.g. national parks, conservation parks, nature reserves and other lands with secure tenure being managed for conservation. Species may be included if they are comparatively well known from one or more locations but do not meet adequacy of survey requirements and appear to be under threat from known threatening processes. Such species are in urgent need of further survey.
3	Priority Three: Poorly-known taxa	Species that are known from several locations, and the species does not appear to be under imminent threat, or from few but widespread locations with either large population size or significant remaining areas of apparently suitable habitat, much of it not under imminent threat. Species may be included if they are comparatively well known from several locations but do not meet adequacy of survey requirements and known threatening processes exist that could affect them. Such species are in need of further survey.
4	Priority Four: Rare, Near Threatened and other taxa in need of monitoring	<p>(a) Rare. Species that are considered to have been adequately surveyed, or for which sufficient knowledge is available, and that are considered not currently threatened or in need of special protection, but could be if present circumstances change. These species are usually represented on conservation lands.</p> <p>(b) Near Threatened. Species that are considered to have been adequately surveyed and that are close to qualifying for Vulnerable, but are not listed as Conservation Dependent.</p> <p>(c) Species that have been removed from the list of threatened species during the past five years for reasons other than taxonomy.</p>

Migratory species listed under the EPBC Act

The EPBC Act also protects land and migratory species that are listed under International Agreements. The list of migratory species established under section 209 of the EPBC Act comprises:

- Migratory species which are native to Australia and are included in the appendices to the Bonn Convention (Convention on the Conservation of Migratory Species of Wild Animals Appendices I and II)
- Migratory species included in annexes established under the Japan-Australia Migratory Bird Agreement (JAMBA) and the China–Australia Migratory Bird Agreement (CAMBA)

GHD | Report for Nyamba Buru Yawuru Ltd - Cable Beach Road East, 61/33207

- Native, migratory species identified in a list established under, or an instrument made under, an international agreement approved by the Minister, such as the republic of Korea–Australia Migratory Bird Agreement (ROKAMBA)

Other significant flora and fauna

Flora species, subspecies, varieties, hybrids and ecotypes may be significant for a range of reasons, other than as Threatened (Declared Rare) Flora or Priority Flora. The EPA (2004) states that significant flora may include taxa that have:

- A keystone role in a particular habitat for threatened species or supporting large populations representing a significant proportion of the local regional population of a species
- Relic status
- Anomalous features that indicate a potential new discovery
- Being representative of the range of a species (particularly, at the extremes of range, recently discovered range extensions, or isolated outliers of the main range)
- The presence of restricted subspecies, varieties, or naturally occurring hybrids
- Local endemism/a restricted distribution
- Being poorly reserved

The application of the degree of significance may apply at a range of scales.

Introduced plants (weeds)

Declared Pests

Information on species considered to be Declared Pests is provided under *State Biosecurity and Agriculture Management Act 2007*.

Weeds of National Significance

The spread of weeds across a range of land uses or ecosystems is important in the context of socio-economic and environmental values. The assessment of Weeds of National Significance (WoNS) is based on four major criteria:

- Invasiveness
- Impacts
- Potential for spread
- Socio-economic and environmental values

Australian state and territory governments have identified thirty two Weeds of National Significance (WoNS); a list of 20 WoNS was endorsed in 1999 and a further 12 were added in 2012 (Australian Government 2014).

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- Shepherd, DP, Beeston, GR & Hopkins, AJM 2002, *Native Vegetation in Western Australia – Extent, Type and Status, Resource Management Technical Report 249*, Perth, Department of Agriculture.
- Western Australian Herbarium 1998–, *FloraBase—the Western Australian Flora*. Department of Parks and Wildlife, retrieved 2015, from <http://florabase.dpaw.wa.gov.au/>.

Appendix C – Desktop searches



Australian Government
Department of the Environment

EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 29/02/16 13:25:00

[Summary](#)

[Details](#)

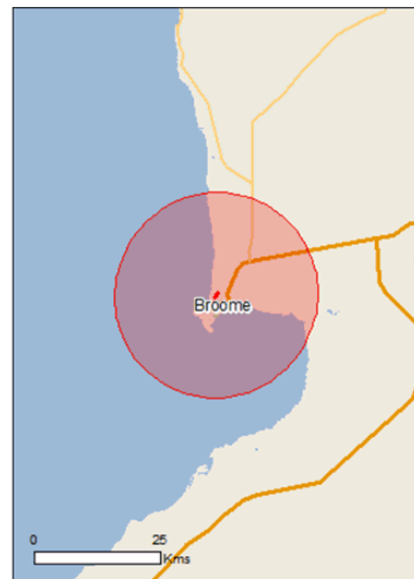
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

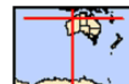
[Acknowledgements](#)



This map may contain data which are
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[Coordinates](#)

Buffer: 20.0Km



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

World Heritage Properties:	None
National Heritage Places:	1
Wetlands of International Importance:	1
Great Barrier Reef Marine Park:	None
Commonwealth Marine Area:	1
Listed Threatened Ecological Communities:	1
Listed Threatened Species:	25
Listed Migratory Species:	63

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

Commonwealth Land:	2
Commonwealth Heritage Places:	None
Listed Marine Species:	100
Whales and Other Cetaceans:	12
Critical Habitats:	None
Commonwealth Reserves Terrestrial:	None
Commonwealth Reserves Marine:	1

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

State and Territory Reserves:	8
Regional Forest Agreements:	None
Invasive Species:	15
Nationally Important Wetlands:	2
Key Ecological Features (Marine)	None

Details

Matters of National Environmental Significance

National Heritage Properties		[Resource Information]
Name	State	Status
Natural		
The West Kimberley	WA	Listed place

Wetlands of International Importance (Ramsar)		[Resource Information]
Name		Proximity
Roebuck bay		Within Ramsar site

Commonwealth Marine Area		[Resource Information]
Approval is required for a proposed activity that is located within the Commonwealth Marine Area which has, will have, or is likely to have a significant impact on the environment. Approval may be required for a proposed action taken outside the Commonwealth Marine Area but which has, may have or is likely to have a significant impact on the environment in the Commonwealth Marine Area. Generally the Commonwealth Marine Area stretches from three nautical miles to two hundred nautical miles from the coast.		

Name
EEZ and Territorial Sea

Marine Regions		[Resource Information]
If you are planning to undertake action in an area in or close to the Commonwealth Marine Area, and a marine bioregional plan has been prepared for the Commonwealth Marine Area in that area, the marine bioregional plan may inform your decision as to whether to refer your proposed action under the EPBC Act.		

Name
[North-west](#)

Listed Threatened Ecological Communities		[Resource Information]
For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.		

Name	Status	Type of Presence
Monsoon vine thickets on the coastal sand dunes of Dampier Peninsula	Endangered	Community likely to occur within area

Listed Threatened Species		[Resource Information]
Name	Status	Type of Presence
Birds		
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
Erythrorichis radiatus Red Goshawk [942]	Vulnerable	Species or species habitat may occur within area
Erythrura gouldiae Gouldian Finch [413]	Endangered	Species or species habitat may occur within area
Numenius madagascariensis Eastern Curlew [847]	Critically Endangered	Roosting known to occur within area
Polytelis alexandrae Princess Parrot, Alexandra's Parrot [758]	Vulnerable	Species or species habitat likely to occur within area
Rostratula australis Australian Painted Snipe [77037]	Endangered	Species or species habitat likely to occur within area

Name	Status	Type of Presence
Tyto novaehollandiae kimberli Masked Owl (northern) [26048]	Vulnerable	Species or species habitat may occur within area
Mammals		
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Macrotis lagotis Greater Bilby [282]	Vulnerable	Species or species habitat known to occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Saccolaimus saccolaimus nudicluniatus Bare-rumped Sheathtail Bat (Qld) [66889]	Critically Endangered	Species or species habitat likely to occur within area
Xeromys myoides Water Mouse, False Water Rat, Yirrkoo [66]	Vulnerable	Species or species habitat may occur within area
Plants		
Keraudrenia exastia Fringed Keraudrenia [66301]	Critically Endangered	Species or species habitat known to occur within area
Reptiles		
Aipysurus apraefrontalis Short-nosed Seasnake [1115]	Critically Endangered	Species or species habitat likely to occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Breeding known to occur within area
Ctenotus angusticeps Airlie Island Ctenotus [25937]	Vulnerable	Species or species habitat likely to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Breeding likely to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
Sharks		
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat may occur within area
Pristis clavata Dwarf Sawfish, Queensland Sawfish [68447]	Vulnerable	Species or species habitat known to occur within area
Pristis pristis Largetooth Sawfish, Freshwater Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]	Vulnerable	Breeding known to occur within area
Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Breeding known to occur within area

Name	Status	Type of Presence
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Listed Migratory Species		[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.		
Name	Threatened	Type of Presence
Migratory Marine Birds		
Apus pacificus Fork-tailed Swift [678]		Species or species habitat likely to occur within area
Fregata ariel Lesser Frigatebird, Least Frigatebird [1012]		Foraging, feeding or related behaviour known to occur within area
Sterna albifrons Little Tern [813]		Breeding known to occur within area
Migratory Marine Species		
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Carcharodon carcharias Great White Shark [64470]	Vulnerable	Species or species habitat may occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Breeding known to occur within area
Crocodylus porosus Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Dugong dugon Dugong [28]		Foraging, feeding or related behaviour known to occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Breeding likely to occur within area
Manta alfredi Reef Manta Ray, Coastal Manta Ray, Inshore Manta Ray, Prince Alfred's Ray, Resident Manta Ray [84994]		Species or species habitat may occur within area
Manta birostris Giant Manta Ray, Chevron Manta Ray, Pacific Manta Ray, Pelagic Manta Ray, Oceanic Manta Ray [84995]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
Orcaella brevirostris Irrawaddy Dolphin [45]		Species or species habitat known to occur

Name	Threatened	Type of Presence
Orcinus orca Killer Whale, Orca [46]		within area Species or species habitat may occur within area
Pristis clavata Dwarf Sawfish, Queensland Sawfish [68447]	Vulnerable	Species or species habitat known to occur within area
Pristis pristis Largetooth Sawfish, Freshwater Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756]	Vulnerable	Breeding known to occur within area
Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442]	Vulnerable	Breeding known to occur within area
Rhincodon typus Whale Shark [66680]	Vulnerable	Species or species habitat may occur within area
Sousa chinensis Indo-Pacific Humpback Dolphin [50]		Breeding known to occur within area
Tursiops aduncus (Arafura/Timor Sea populations) Spotted Bottlenose Dolphin (Arafura/Timor Sea populations) [78900]		Species or species habitat likely to occur within area
Migratory Terrestrial Species		
Cecropis daurica Red-rumped Swallow [80610]		Species or species habitat known to occur within area
Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651]		Species or species habitat known to occur within area
Hirundo rustica Barn Swallow [662]		Species or species habitat known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat known to occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat known to occur within area
Migratory Wetlands Species		
Actitis hypoleucos Common Sandpiper [59309]		Roosting known to occur within area
Ardea alba Great Egret, White Egret [59541]		Breeding known to occur within area
Ardea ibis Cattle Egret [59542]		Species or species habitat may occur within area
Arenaria interpres Ruddy Turnstone [872]		Roosting known to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]		Roosting known to occur within area
Calidris alba Sanderling [875]		Roosting known to occur within area

Name	Threatened	Type of Presence
Calidris canutus Red Knot, Knot [855]		Roosting known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered	Roosting known to occur within area
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area
Calidris tenuirostris Great Knot [862]		Roosting known to occur within area
Charadrius bicinctus Double-banded Plover [895]		Roosting known to occur within area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]		Roosting known to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]		Roosting known to occur within area
Charadrius veredus Oriental Plover, Oriental Dotterel [882]		Roosting known to occur within area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Roosting likely to occur within area
Glareola maldivarum Oriental Pratincole [840]		Roosting known to occur within area
Heteroscelus brevipes Grey-tailed Tattler [59311]		Roosting known to occur within area
Limicola falcinellus Broad-billed Sandpiper [842]		Roosting known to occur within area
Limnodromus semipalmatus Asian Dowitcher [843]		Roosting known to occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area
Limosa limosa Black-tailed Godwit [845]		Roosting known to occur within area
Numenius madagascariensis Eastern Curlew [847]	Critically Endangered	Roosting known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting known to occur within area
Numenius phaeopus Whimbrel [849]		Roosting known to occur within area
Pandion haliaetus Osprey [952]		Breeding known to occur within area
Pluvialis fulva Pacific Golden Plover [25545]		Roosting known to occur within area
Pluvialis squatarola Grey Plover [865]		Roosting known to occur within area
Tringa glareola Wood Sandpiper [829]		Roosting known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species

Name	Threatened	Type of Presence
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		habitat known to occur within area
Tringa totanus Common Redshank, Redshank [835]		Roosting known to occur within area
Xenus cinereus Terek Sandpiper [59300]		Roosting known to occur within area

Other Matters Protected by the EPBC Act

Commonwealth Land	[Resource Information]
The Commonwealth area listed below may indicate the presence of Commonwealth land in this vicinity. Due to the unreliability of the data source, all proposals should be checked as to whether it impacts on a Commonwealth area, before making a definitive decision. Contact the State or Territory government land department for further information.	
Name	
Commonwealth Land - Defence - BROOME TRAINING DEPOT	

Listed Marine Species	[Resource Information]
* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.	
Name	Type of Presence
Birds	
Actitis hypoleucos Common Sandpiper [59309]	Roosting known to occur within area
Anseranas semipalmata Magpie Goose [978]	Species or species habitat may occur within area
Apus pacificus Fork-tailed Swift [678]	Species or species habitat likely to occur within area
Ardea alba Great Egret, White Egret [59541]	Breeding known to occur within area
Ardea ibis Cattle Egret [59542]	Species or species habitat may occur within area
Arenaria interpres Ruddy Turnstone [872]	Roosting known to occur within area
Calidris acuminata Sharp-tailed Sandpiper [874]	Roosting known to occur within area
Calidris alba Sanderling [875]	Roosting known to occur within area
Calidris canutus Red Knot, Knot [855]	Roosting known to occur within area
Calidris ferruginea Curlew Sandpiper [856]	Critically Endangered Roosting known to occur within area

Name	Threatened	Type of Presence
Calidris ruficollis Red-necked Stint [860]		Roosting known to occur within area
Calidris tenuirostris Great Knot [862]		Roosting known to occur within area
Charadrius bicinctus Double-banded Plover [895]		Roosting known to occur within area
Charadrius leschenaultii Greater Sand Plover, Large Sand Plover [877]		Roosting known to occur within area
Charadrius mongolus Lesser Sand Plover, Mongolian Plover [879]		Roosting known to occur within area
Charadrius ruficapillus Red-capped Plover [881]		Roosting known to occur within area
Charadrius veredus Oriental Plover, Oriental Dotterel [882]		Roosting known to occur within area
Cuculus saturatus Oriental Cuckoo, Himalayan Cuckoo [710]		Species or species habitat known to occur within area
Fregata ariel Lesser Frigatebird, Least Frigatebird [1012]		Foraging, feeding or related behaviour known to occur within area
Gallinago megala Swinhoe's Snipe [864]		Roosting likely to occur within area
Gallinago stenura Pin-tailed Snipe [841]		Roosting likely to occur within area
Glareola maldivarum Oriental Pratincole [840]		Roosting known to occur within area
Haliaeetus leucogaster White-bellied Sea-Eagle [943]		Species or species habitat known to occur within area
Heteroscelus brevipes Grey-tailed Tattler [59311]		Roosting known to occur within area
Himantopus himantopus Black-winged Stilt [870]		Roosting known to occur within area
Hirundo daurica Red-rumped Swallow [59480]		Species or species habitat known to occur within area
Hirundo rustica Barn Swallow [662]		Species or species habitat known to occur within area
Limicola falcinellus Broad-billed Sandpiper [842]		Roosting known to occur within area
Limnodromus semipalmatus Asian Dowitcher [843]		Roosting known to occur within area
Limosa lapponica Bar-tailed Godwit [844]		Species or species habitat known to occur within area
Limosa limosa Black-tailed Godwit [845]		Roosting known to occur within area
Merops ornatus Rainbow Bee-eater [670]		Species or species habitat may occur within

Name	Threatened	Type of Presence area
Motacilla cinerea Grey Wagtail [642]		Species or species habitat known to occur within area
Motacilla flava Yellow Wagtail [644]		Species or species habitat known to occur within area
Numenius madagascariensis Eastern Curlew [847]	Critically Endangered	Roosting known to occur within area
Numenius minutus Little Curlew, Little Whimbrel [848]		Roosting known to occur within area
Numenius phaeopus Whimbrel [849]		Roosting known to occur within area
Pandion haliaetus Osprey [952]		Breeding known to occur within area
Pluvialis fulva Pacific Golden Plover [25545]		Roosting known to occur within area
Pluvialis squatarola Grey Plover [865]		Roosting known to occur within area
Recurvirostra novaehollandiae Red-necked Avocet [871]		Roosting known to occur within area
Rostratula benghalensis (sensu lato) Painted Snipe [889]	Endangered*	Species or species habitat likely to occur within area
Sterna albifrons Little Tern [813]		Breeding known to occur within area
Tringa glareola Wood Sandpiper [829]		Roosting known to occur within area
Tringa nebularia Common Greenshank, Greenshank [832]		Species or species habitat known to occur within area
Tringa stagnatilis Marsh Sandpiper, Little Greenshank [833]		Roosting known to occur within area
Tringa totanus Common Redshank, Redshank [835]		Roosting known to occur within area
Xenus cinereus Terek Sandpiper [59300]		Roosting known to occur within area
Fish		
Campichthys tricarinatus Three-keel Pipefish [66192]		Species or species habitat may occur within area
Choeroichthys brachysoma Pacific Short-bodied Pipefish, Short-bodied Pipefish [66194]		Species or species habitat may occur within area
Choeroichthys suillus Pig-snouted Pipefish [66198]		Species or species habitat may occur within area
Corythoichthys flavofasciatus Reticulate Pipefish, Yellow-banded Pipefish, Network Pipefish [66200]		Species or species habitat may occur within area
Cosmocampus banneri Roughridge Pipefish [66206]		Species or species

Name	Threatened	Type of Presence
Doryrhamphus excisus Bluestripe Pipefish, Indian Blue-stripe Pipefish, Pacific Blue-stripe Pipefish [66211]		habitat may occur within area Species or species habitat may occur within area
Doryrhamphus janssi Cleaner Pipefish, Janss' Pipefish [66212]		Species or species habitat may occur within area
Filicampus tigris Tiger Pipefish [66217]		Species or species habitat may occur within area
Halicampus brocki Brock's Pipefish [66219]		Species or species habitat may occur within area
Halicampus grayi Mud Pipefish, Gray's Pipefish [66221]		Species or species habitat may occur within area
Halicampus nitidus Glittering Pipefish [66224]		Species or species habitat may occur within area
Halicampus spirostris Spiny-snout Pipefish [66225]		Species or species habitat may occur within area
Haliichthys taeniophorus Ribbined Pipehorse, Ribbined Seadragon [66226]		Species or species habitat may occur within area
Hippichthys penicillus Beady Pipefish, Steep-nosed Pipefish [66231]		Species or species habitat may occur within area
Hippocampus histrix Spiny Seahorse, Thorny Seahorse [66236]		Species or species habitat may occur within area
Hippocampus kuda Spotted Seahorse, Yellow Seahorse [66237]		Species or species habitat may occur within area
Hippocampus planifrons Flat-face Seahorse [66238]		Species or species habitat may occur within area
Hippocampus spinosissimus Hedgehog Seahorse [66239]		Species or species habitat may occur within area
Hippocampus trimaculatus Three-spot Seahorse, Low-crowned Seahorse, Flat-faced Seahorse [66240]		Species or species habitat may occur within area
Micrognathus micronotopterus Tidepool Pipefish [66255]		Species or species habitat may occur within area
Solegnathus hardwickii Pallid Pipehorse, Hardwick's Pipehorse [66272]		Species or species habitat may occur within area
Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273]		Species or species habitat may occur within area
Solenostomus cyanopterus Robust Ghostpipefish, Blue-finned Ghost Pipefish, [66183]		Species or species habitat may occur within

Name	Threatened	Type of Presence area
Solenostomus paegnius Rough-snout Ghost Pipefish [68425]		Species or species habitat may occur within area
Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279]		Species or species habitat may occur within area
Trachyrhamphus bicoarctatus Bentstick Pipefish, Bend Stick Pipefish, Short-tailed Pipefish [66280]		Species or species habitat may occur within area
Trachyrhamphus longirostris Straightstick Pipefish, Long-nosed Pipefish, Straight Stick Pipefish [66281]		Species or species habitat may occur within area
Mammals		
Dugong dugon Dugong [28]		Foraging, feeding or related behaviour known to occur within area
Reptiles		
Acalyptophis peronii Horned Seasnake [1114]		Species or species habitat may occur within area
Aipysurus apraefrontalis Short-nosed Seasnake [1115]	Critically Endangered	Species or species habitat likely to occur within area
Aipysurus duboisii Dubois' Seasnake [1116]		Species or species habitat may occur within area
Aipysurus eydouxii Spine-tailed Seasnake [1117]		Species or species habitat may occur within area
Aipysurus laevis Olive Seasnake [1120]		Species or species habitat may occur within area
Aipysurus tenuis Brown-lined Seasnake [1121]		Species or species habitat may occur within area
Astrotia stokesii Stokes' Seasnake [1122]		Species or species habitat may occur within area
Caretta caretta Loggerhead Turtle [1763]	Endangered	Foraging, feeding or related behaviour known to occur within area
Chelonia mydas Green Turtle [1765]	Vulnerable	Breeding known to occur within area
Crocodylus johnstoni Freshwater Crocodile, Johnston's Crocodile, Johnston's River Crocodile [1773]		Species or species habitat may occur within area
Crocodylus porosus Salt-water Crocodile, Estuarine Crocodile [1774]		Species or species habitat likely to occur within area
Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768]	Endangered	Breeding likely to occur within area
Disteira kingii Spectacled Seasnake [1123]		Species or species habitat may occur within area

Name	Threatened	Type of Presence
Disteira major Olive-headed Seasnake [1124]		Species or species habitat may occur within area
Emydocephalus annulatus Turtle-headed Seasnake [1125]		Species or species habitat may occur within area
Ephalophis greyi North-western Mangrove Seasnake [1127]		Species or species habitat may occur within area
Eretmochelys imbricata Hawksbill Turtle [1766]	Vulnerable	Breeding likely to occur within area
Hydrelaps darwiniensis Black-ringed Seasnake [1100]		Species or species habitat may occur within area
Hydrophis elegans Elegant Seasnake [1104]		Species or species habitat may occur within area
Hydrophis mcdowelli null [25926]		Species or species habitat may occur within area
Hydrophis ornatus Spotted Seasnake, Ornate Reef Seasnake [1111]		Species or species habitat may occur within area
Lapemis hardwickii Spine-bellied Seasnake [1113]		Species or species habitat may occur within area
Natator depressus Flatback Turtle [59257]	Vulnerable	Breeding known to occur within area
Pelamis platurus Yellow-bellied Seasnake [1091]		Species or species habitat may occur within area
Whales and other Cetaceans		[Resource Information]
Name	Status	Type of Presence
Mammals		
Balaenoptera edeni Bryde's Whale [35]		Species or species habitat may occur within area
Balaenoptera musculus Blue Whale [36]	Endangered	Species or species habitat likely to occur within area
Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60]		Species or species habitat may occur within area
Grampus griseus Risso's Dolphin, Grampus [64]		Species or species habitat may occur within area
Megaptera novaeangliae Humpback Whale [38]	Vulnerable	Species or species habitat known to occur within area
Orcaella brevirostris Irrawaddy Dolphin [45]		Species or species habitat known to occur within area
Orcinus orca Killer Whale, Orca [46]		Species or species habitat may occur within

Name	Status	Type of Presence area
Sousa chinensis Indo-Pacific Humpback Dolphin [50]		Breeding known to occur within area
Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51]		Species or species habitat may occur within area
Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418]		Species or species habitat likely to occur within area
Tursiops aduncus (Arafura/Timor Sea populations) Spotted Bottlenose Dolphin (Arafura/Timor Sea populations) [78900]		Species or species habitat likely to occur within area
Tursiops truncatus s. str. Bottlenose Dolphin [68417]		Species or species habitat may occur within area

Commonwealth Reserves Marine		[Resource Information]
Name	Label	
Roebuck	Multiple Use Zone (IUCN VI)	

Extra Information

State and Territory Reserves		[Resource Information]
Name	State	
Broome Bird Observatory	WA	
Broome Wildlife Centre	WA	
Unnamed WA51046	WA	
Unnamed WA51105	WA	
Unnamed WA51162	WA	
Unnamed WA51497	WA	
Unnamed WA51583	WA	
Unnamed WA51617	WA	

Invasive Species	[Resource Information]
Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001.	

Name	Status	Type of Presence
Birds		
<i>Columba livia</i> Rock Pigeon, Rock Dove, Domestic Pigeon [803]		Species or species habitat likely to occur within area
<i>Sturnus vulgaris</i> Common Starling [389]		Species or species habitat likely to occur within area
Mammals		
<i>Camelus dromedarius</i> Dromedary, Camel [7]		Species or species habitat likely to occur within area
<i>Equus asinus</i> Donkey, Ass [4]		Species or species habitat likely to occur within area

Name	Status	Type of Presence
Equus caballus Horse [5]		Species or species habitat likely to occur within area
Felis catus Cat, House Cat, Domestic Cat [19]		Species or species habitat likely to occur within area
Mus musculus House Mouse [120]		Species or species habitat likely to occur within area
Rattus rattus Black Rat, Ship Rat [84]		Species or species habitat likely to occur within area
Vulpes vulpes Red Fox, Fox [18]		Species or species habitat likely to occur within area
Plants		
Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213]		Species or species habitat likely to occur within area
Dolichandra unguis-cati Cat's Claw Vine, Yellow Trumpet Vine, Cat's Claw Creeper, Funnel Creeper [85119]		Species or species habitat likely to occur within area
Jatropha gossypifolia Cotton-leaved Physic-Nut, Bellyache Bush, Cotton-leaf Physic Nut, Cotton-leaf Jatropha, Black Physic Nut [7507]		Species or species habitat likely to occur within area
Prosopis spp. Mesquite, Algaroba [68407]		Species or species habitat likely to occur within area
Reptiles		
Hemidactylus frenatus Asian House Gecko [1708]		Species or species habitat likely to occur within area
Ramphotyphlops braminus Flowerpot Blind Snake, Brahminy Blind Snake, Cacing Besi [1258]		Species or species habitat likely to occur within area
Nationally Important Wetlands		[Resource Information]
Name		State
Roebuck Bay		WA
Willie Creek Wetlands		WA

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

For species where the distributions are well known, maps are digitised from sources such as recovery plans and detailed habitat studies. Where appropriate, core breeding, foraging and roosting areas are indicated under 'type of presence'. For species whose distributions are less well known, point locations are collated from government wildlife authorities, museums, and non-government organisations; bioclimatic distribution models are generated and these validated by experts. In some cases, the distribution maps are based solely on expert knowledge.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-17.940702 122.217895,-17.947684 122.21429,-17.947684 122.21429

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

- [Office of Environment and Heritage, New South Wales](#)
- [Department of Environment and Primary Industries, Victoria](#)
- [Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [Department of Environment, Water and Natural Resources, South Australia](#)
- [Parks and Wildlife Commission NT, Northern Territory Government](#)
- [Department of Environmental and Heritage Protection, Queensland](#)
- [Department of Parks and Wildlife, Western Australia](#)
- [Environment and Planning Directorate, ACT](#)
- [Birdlife Australia](#)
- [Australian Bird and Bat Banding Scheme](#)
- [Australian National Wildlife Collection](#)
- Natural history museums of Australia
- [Museum Victoria](#)
- [Australian Museum](#)
- [South Australian Museum](#)
- [Queensland Museum](#)
- [Online Zoological Collections of Australian Museums](#)
- [Queensland Herbarium](#)
- [National Herbarium of NSW](#)
- [Royal Botanic Gardens and National Herbarium of Victoria](#)
- [Tasmanian Herbarium](#)
- [State Herbarium of South Australia](#)
- [Northern Territory Herbarium](#)
- [Western Australian Herbarium](#)
- [Australian National Herbarium, Atherton and Canberra](#)
- [University of New England](#)
- [Ocean Biogeographic Information System](#)
- [Australian Government, Department of Defence](#)
- [Forestry Corporation, NSW](#)
- [Geoscience Australia](#)
- [CSIRO](#)
- Other groups and individuals

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

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NatureMap Flora Species Report

Created By Guest user on 29/02/2016

Kingdom Plantae
Current Names Only Yes
Core Datasets Only Yes
Method 'By Line'
Vertices 17° 56' 26" S, 122° 13' 03" E 17° 56' 51" S, 122° 12' 51" E
Group By Family

Family	Species	Records
Acanthaceae	6	13
Aizoaceae	7	23
Amaranthaceae	22	70
Anadyomenaceae	1	2
Annonaceae	1	2
Apocynaceae	16	45
Araceae	4	6
Areschougiaceae	3	8
Asteraceae	34	68
Bataceae	1	2
Bignoniaceae	1	4
Boraginaceae	12	36
Brassicaceae	3	5
Byblidaceae	2	12
Campanulaceae	2	2
Capparaceae	1	3
Caryophyllaceae	3	14
Caulerpaceae	8	14
Celastraceae	1	4
Ceramiaceae	1	1
Ceratophyllaceae	1	3
Champiaceae	1	1
Chenopodiaceae	12	44
Cleomaceae	3	8
Codiaceae	2	6
Combretaceae	8	36
Commelinaceae	2	6
Convolvulaceae	25	80
Corallinaceae	2	3
Cucurbitaceae	4	12
Cymodoceaceae	3	11
Cyperaceae	15	40
Dasyaceae	1	3
Droseraceae	1	1
Elatinaceae	1	1
Euphorbiaceae	20	68
Fabaceae	106	560
Goodeniaceae	10	47
Gracilariaceae	2	7
Gyrostemonaceae	2	21
Halimedaaceae	2	4
Hallymeniaceae	2	5
Hemerocallidaceae	2	7
Hernandiaceae	2	13
Hydrocharitaceae	5	21
Hypnaceae	1	1
Lamiaceae	13	53
Lauraceae	3	11
Lecythidaceae	1	1
Liagoraceae	1	1
Linderniaceae	1	1
Loganiaceae	2	3
Loranthaceae	8	26
Lythraceae	2	2
Malvaceae	45	191
Marsileaceae	2	2
Meliaceae	3	5
Menispermaceae	1	10
Moraceae	7	19
Moringaceae	1	2
Myrtaceae	21	168
Nyctaginaceae	7	32
Oleaceae	2	8
Opiliaceae	1	2
Orchidaceae	2	3
Orobanchaceae	2	3
Pandanaceae	1	1
Passifloraceae	1	1
Peyssonneliaceae	1	1
Phyllanthaceae	15	40
Piperaceae	1	4
Plantaginaceae	2	4
Plumbaginaceae	1	1
Poaceae	82	259
Polygalaceae	1	2
Polygonaceae	1	1
Portulacaceae	8	22

NatureMap is a collaborative project of the Department of Environment and Conservation, Western Australia, and the Western Australian Museum.





Primulaceae	1	1
Proteaceae	10	47
Pteridaceae	2	3
Rhamnaceae	2	10
Rhizophoraceae	3	6
Rhodomelaceae	9	20
Rhodymeniaceae	3	13
Ricciaceae	1	1
Rubiaceae	21	68
Rutaceae	1	1
Santalaceae	3	18
Sapindaceae	3	7
Sapotaceae	1	10
Scrophulariaceae	1	4
Sebdeniaceae	1	5
Solanaceae	10	57
Stylidiaceae	1	2
Udoteaceae	1	1
Urticaceae	2	2
Valoniaceae	1	1
Verbenaceae	2	3
Violaceae	1	3
Zygophyllaceae	5	39
TOTAL	688	2544

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Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Acanthaceae				
1.	7161 <i>Asystasia gangetica</i>	Y		
2.	41725 <i>Asystasia gangetica</i> subsp. <i>gangetica</i>	Y		
3.	6828 <i>Avicennia marina</i> (White Mangrove)			
4.	13959 <i>Hypoestes floribunda</i> var. <i>varia</i>			
5.	<i>Hypoestes</i> sp.			
6.	17890 <i>Ruellia tuberosa</i>	Y		
Aizoaceae				
7.	2818 <i>Sesuvium portulacastrum</i>			
8.	16690 <i>Tetragonia coronata</i>		P3	
9.	44305 <i>Trianthema pilosum</i>			
10.	2830 <i>Trianthema portulacastrum</i> (Giant Pigweed)	Y		
11.	<i>Trianthema</i> sp.			
12.	44382 <i>Trianthema triquetrum</i>			
13.	<i>Zaleya</i> sp.			Y
Amaranthaceae				
14.	2645 <i>Achyranthes aspera</i> (Chaff Flower)			
15.	2646 <i>Aerva javanica</i> (Kapok Bush)	Y		
16.	20028 <i>Alternanthera brasiliana</i>	Y		Y
17.	2648 <i>Alternanthera denticulata</i> (Lesser Joyweed)			
18.	2653 <i>Alternanthera pungens</i> (Khaki Weed)	Y		
19.	2662 <i>Amaranthus hybridus</i> (Slim Amaranth)	Y		
20.	2663 <i>Amaranthus interruptus</i> (Native Amaranth)			
21.	20018 <i>Amaranthus undulatus</i>			
22.	18363 <i>Gomphrena canescens</i> subsp. <i>canescens</i>			
23.	2677 <i>Gomphrena celosioides</i> (Gomphrena Weed)	Y		
24.	2682 <i>Gomphrena flaccida</i> (Gomphrena Weed)			
25.	2683 <i>Gomphrena leptoclada</i>			
26.	2686 <i>Gomphrena pusilla</i>		P2	
27.	<i>Gomphrena</i> sp.			
28.	2687 <i>Gomphrena tenella</i>			
29.	18374 <i>Guilleminia densa</i>	Y		
30.	2704 <i>Ptilotus calostachyus</i> (Weeping Mulla Mulla)			
31.	2725 <i>Ptilotus fusiformis</i>			
32.	2737 <i>Ptilotus lanatus</i>			
33.	41001 <i>Ptilotus nobilis</i> subsp. <i>nobilis</i> (Yellow Tails)			
34.	2751 <i>Ptilotus polystachyus</i> (Prince of Wales Feather)			
35.	43203 <i>Surreya diandra</i>			
Anadyomenaceae				
36.	35872 <i>Anadyomene plicata</i>			
Annonaceae				
37.	2944 <i>Miliusa brahei</i>			
Apocynaceae				
38.	6563 <i>Astonia linearis</i> (Bitter Bark)			
39.	14925 <i>Calotropis gigantea</i>	Y		
40.	6567 <i>Carissa lanceolata</i> (Conkerberry, Mamuwiji)			
41.	12683 <i>Cryptostegia madagascariensis</i>	Y		
42.	6583 <i>Cynanchum carnosum</i>			
43.	6585 <i>Cynanchum pedunculatum</i>			
44.	13228 <i>Gymnanthera oblonga</i>			
45.	6572 <i>Ichnocarpus frutescens</i>			
46.	16537 <i>Marsdenia angustata</i>			
47.	<i>Marsdenia</i> sp.			
48.	6598 <i>Marsdenia viridiflora</i>			
49.	16535 <i>Marsdenia viridiflora</i> subsp. <i>tropica</i>			
50.	13006 <i>Sarcostemma viminalis</i> subsp. <i>australe</i>			
51.	6601 <i>Secamone elliptica</i>			
52.	13100 <i>Tylophora cinerascens</i>			
53.	6578 <i>Wrightia saligna</i>			
Araceae				
54.	<i>Epipremnum</i> sp.			
55.	26342 <i>Landoltia punctata</i> (Thin Duckweed)			
56.	1050 <i>Lemna aequinoctialis</i>			
57.	1045 <i>Pistia stratiotes</i> (Water Lettuce)	Y		

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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
Areschougaceae				
58.	26503 <i>Betaphycus speciosus</i>			
59.	26827 <i>Eucheuma denticulatum</i>			
60.	27281 <i>Solieria robusta</i>			
Asteraceae				
61.	7811 <i>Acanthospermum hispidum</i> (Starburr)	Y		
62.	13230 <i>Ageratum conyzoides</i>	Y		
63.	7860 <i>Blumea integrifolia</i>			
64.	7865 <i>Blumea saxatilis</i>			
65.	7866 <i>Blumea tenella</i>			
66.	<i>Centratherum punctatum</i>			
67.	7939 <i>Conyza bonariensis</i> (Flaxleaf Fleabane)	Y		
68.	19063 <i>Cyanthillium cinereum</i>			
69.	7963 <i>Eclipta platyglossa</i>			
70.	42146 <i>Eclipta platyglossa</i> subsp. <i>borealis</i>			
71.	8450 <i>Eclipta prostrata</i>	Y		
72.	<i>Eleutheranthera ruderalis</i>			
73.	35558 <i>Flaveria trinervia</i> (Speedy Weed)	Y		
74.	19195 <i>Gamochoeta pensylvanica</i>	Y		
75.	7985 <i>Gnaphalium polycaulon</i> (Indian Cudweed)	Y		
76.	8136 <i>Olearia homolepis</i>			
77.	17816 <i>Pluchea ferdinandi-muelleri</i>			
78.	43944 <i>Pluchea longiseta</i>			
79.	8168 <i>Pluchea rubelliflora</i>			
80.	<i>Pluchea</i> sp.			
81.	8170 <i>Pluchea tetranthera</i>			
82.	<i>Praxelis clematidea</i>			
83.	41224 <i>Pterocaulon intermedium</i>		P3	
84.	41223 <i>Pterocaulon paradoxum</i>			
85.	41221 <i>Pterocaulon serrulatum</i> var. <i>velutinum</i>			
86.	13300 <i>Rhodanthe citrina</i>			
87.	10920 <i>Soliva sessilis</i> (Jo-jo, Onehunga Weed)	Y		
88.	8231 <i>Sonchus oleraceus</i> (Common Sowthistle)	Y		
89.	8239 <i>Streptoglossa macrocephala</i>			
90.	8240 <i>Streptoglossa odora</i>			
91.	8246 <i>Thespidium basiflorum</i>		P1	
92.	8252 <i>Tridax procumbens</i> (Tridax)	Y		
93.	15725 <i>Verbesina encelioides</i>	Y		
94.	<i>Wedelia</i> sp.			
Bataceae				
95.	1743 <i>Batis argillicola</i>			
Bignoniaceae				
96.	7115 <i>Dolichandrone heterophylla</i> (Lemonwood)			
Boraginaceae				
97.	<i>Cordia</i> sp.			
98.	6682 <i>Ehretia saligna</i> (False Cedar)			
99.	14301 <i>Ehretia saligna</i> var. <i>saligna</i>			
100.	6707 <i>Heliotropium curassavicum</i> (Smooth Heliotrope)			
101.	6708 <i>Heliotropium diversifolium</i>			
102.	10882 <i>Heliotropium foliatum</i>			
103.	13126 <i>Heliotropium leptaleum</i>			
104.	6713 <i>Heliotropium ovalifolium</i>			
105.	6714 <i>Heliotropium paniculatum</i>			
106.	6727 <i>Trichodesma zeylanicum</i> (Camel Bush, Kumbalin)			
107.	11401 <i>Trichodesma zeylanicum</i> var. <i>latisepalum</i>			
108.	11750 <i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>			
Brassicaceae				
109.	<i>Cardamine</i> sp. Jandakot (P.Luff s.n. 4/7/1969)			Y
110.	3013 <i>Eruca sativa</i> (Purplevein Rocket)	Y		
111.	3061 <i>Raphanus raphanistrum</i> (Wild Radish)	Y		
Byblidaceae				
112.	18073 <i>Byblis filifolia</i>			
113.	17854 <i>Byblis rorida</i>			
Campanulaceae				
114.	37480 <i>Lobelia arnhemiaca</i>			
115.	<i>Wahlenbergia</i> sp.			

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Capparaceae				
116.	2976 <i>Capparis lasiantha</i> (Split Jack, Balgarda)			
Caryophyllaceae				
117.	2898 <i>Polycarpaea corymbosa</i>			
118.	2903 <i>Polycarpaea longiflora</i>			
119.	<i>Polycarpaea</i> sp.			
Caulerpaceae				
120.	42620 <i>Caulerpa chemnitzia</i>			
121.	35158 <i>Caulerpa corynephora</i>			
122.	44547 <i>Caulerpa lamoureauxii</i>			
123.	26568 <i>Caulerpa lentillifera</i>			
124.	26572 <i>Caulerpa peltata</i>			
125.	26576 <i>Caulerpa serrulata</i>			
126.	26577 <i>Caulerpa sertularioides</i>			
127.	26579 <i>Caulerpa taxifolia</i>			
Celastraceae				
128.	41200 <i>Denhamia cunninghamii</i> (Koonkara)			
Ceramiaceae				
129.	26587 <i>Centroceras clavulatum</i>			
Ceratophyllaceae				
130.	2925 <i>Ceratophyllum demersum</i> (Hornwort)			
Champiaceae				
131.	26619 <i>Champia stipitata</i>			
Chenopodiaceae				
132.	2504 <i>Dysphania plantaginella</i>			
133.	2573 <i>Neobassia astrocarpa</i>			
134.	30434 <i>Salsola australis</i>			
135.	2638 <i>Suaeda arbusculoides</i>			
136.	31616 <i>Tecticornia auriculata</i>			
137.	33236 <i>Tecticornia halocnemoides</i> (Shrubby Samphire)			
138.	33237 <i>Tecticornia halocnemoides</i> subsp. <i>halocnemoides</i>			
139.	33238 <i>Tecticornia halocnemoides</i> subsp. <i>tenuis</i>			
140.	33356 <i>Tecticornia indica</i> subsp. <i>indica</i>			
141.	33357 <i>Tecticornia indica</i> subsp. <i>julacea</i>			
142.	33318 <i>Tecticornia indica</i> subsp. <i>leiotachya</i> (Samphire)			
143.	<i>Tecticornia</i> sp.			
Cleomaceae				
144.	<i>Cleome</i> sp.			
145.	11886 <i>Cleome tetrandra</i> var. <i>tetrandra</i>			
146.	2988 <i>Cleome viscosa</i> (Tickweed, Tjinduwadhu)			
Codiaceae				
147.	35917 <i>Codium arabicum</i>			
148.	35857 <i>Codium dwarkense</i>			
Combretaceae				
149.	5296 <i>Lumnitzera racemosa</i> (White-flowered Black Mangrove)			
150.	5300 <i>Terminalia canescens</i> (Joolal)			
151.	5303 <i>Terminalia ferdinandiana</i> (Mador)			
152.	5305 <i>Terminalia grandiflora</i> (Yalu)			
153.	5306 <i>Terminalia hadleyana</i>			
154.	45697 <i>Terminalia kumpaja</i>			
155.	5307 <i>Terminalia latipes</i>			
156.	5309 <i>Terminalia petiolaris</i> (Masroori)			
Commelinaceae				
157.	44923 <i>Callisia repens</i>	Y		
158.	1167 <i>Murdannia graminea</i> (Baniyu)			
Convolvulaceae				
159.	6606 <i>Bonamia media</i>			
160.	31213 <i>Cuscuta chinensis</i>			
161.	13733 <i>Cuscuta victoriana</i>			
162.	11416 <i>Evolvulus alsinoides</i> var. <i>decumbens</i>			
163.	14363 <i>Ipomoea batatas</i>	Y		
164.	6620 <i>Ipomoea cairica</i> (Coast Morning Glory)	Y		
165.	6623 <i>Ipomoea coptica</i>			
166.	6633 <i>Ipomoea muelleri</i> (Poison Morning Glory, Yumbu)			

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167.	6635 <i>Ipomoea pes-caprae</i>			
168.	11312 <i>Ipomoea pes-caprae</i> subsp. <i>brasilensis</i>			
169.	<i>Ipomoea pes-caprae</i> subsp. <i>pes-caprae</i>			Y
170.	18295 <i>Ipomoea pes-tigridis</i>	Y		
171.	6637 <i>Ipomoea polymorpha</i>			
172.	20003 <i>Ipomoea triloba</i>	Y		
173.	6643 <i>Jacquemontia paniculata</i>			
174.	34797 <i>Jacquemontia</i> sp. <i>Broome</i> (A.A. Mitchell 3028)		P1	
175.	6644 <i>Merremia aegyptia</i>	Y		
176.	6646 <i>Merremia dissecta</i>	Y		
177.	39840 <i>Merremia dissecta</i> var. <i>dissecta</i>	Y		
178.	6651 <i>Operculina aequisepala</i>			
179.	6652 <i>Operculina brownii</i> (Potato Vine, Bara)			
180.	6653 <i>Polymeria ambigua</i> (Morning Glory)			
181.	6654 <i>Polymeria angusta</i>			
182.	9232 <i>Polymeria distigma</i>		P3	
183.	<i>Polymeria</i> sp.			
Corallinaceae				
184.	26482 <i>Amphiroa fragillissima</i>			
185.	26983 <i>Jania adhaerens</i>			
Cucurbitaceae				
186.	7370 <i>Citrullus lanatus</i> (Pie Melon)	Y		
187.	15036 <i>Coccinia grandis</i>	Y		
188.	7371 <i>Cucumis melo</i> (Uicardo Melon)			
189.	7378 <i>Momordica balsamina</i> (Balsam Apple)	Y		
Cymodoceaceae				
190.	128 <i>Cymodocea angustata</i>			
191.	130 <i>Halodule pinifolia</i>			
192.	131 <i>Halodule uninervis</i>			
Cyperaceae				
193.	750 <i>Bulbostylis barbata</i>			
194.	12801 <i>Cyperus blakeanus</i>			
195.	777 <i>Cyperus bulbosus</i> (Bush Onion, Tjanmata)			
196.	781 <i>Cyperus compressus</i>	Y		
197.	784 <i>Cyperus conicus</i>			
198.	810 <i>Cyperus rotundus</i> (Nut Grass)	Y		
199.	812 <i>Cyperus scariosus</i>			
200.	814 <i>Cyperus squarrosus</i>			
201.	839 <i>Fimbristylis ammobia</i>			
202.	841 <i>Fimbristylis caespitosa</i>			
203.	847 <i>Fimbristylis cymosa</i>			
204.	870 <i>Fimbristylis oxystachya</i>			
205.	964 <i>Schoenoplectus lateriflorus</i>			
206.	989 <i>Schoenus falcatus</i>			
207.	<i>Scleria</i> sp.			
Dasyaceae				
208.	26930 <i>Heterosiphonia crassipes</i>			
Droseraceae				
209.	17213 <i>Drosera broomensis</i>			
Elatinaceae				
210.	5183 <i>Bergia ammannioides</i>			
Euphorbiaceae				
211.	4583 <i>Adriana tomentosa</i>			
212.	17422 <i>Adriana tomentosa</i> var. <i>tomentosa</i>			
213.	4617 <i>Euphorbia australis</i> (Namana)			
214.	35307 <i>Euphorbia australis</i> var. <i>australis</i>			
215.	4623 <i>Euphorbia coghlanii</i> (Namana)			
216.	17342 <i>Euphorbia cyathophora</i>	Y		
217.	42849 <i>Euphorbia hassallii</i>			
218.	11157 <i>Euphorbia heterophylla</i>	Y		
219.	4629 <i>Euphorbia hirta</i> (Asthma Plant)	Y		
220.	4634 <i>Euphorbia mitchelliana</i>			
221.	4635 <i>Euphorbia myrtoides</i>			
222.	34757 <i>Euphorbia prostrata</i>	Y		
223.	4642 <i>Euphorbia schultzei</i>			
224.	<i>Euphorbia</i> sp.			

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225.	42878 <i>Euphorbia thymifolia</i>	Y		Y
226.	42879 <i>Euphorbia trigonosperma</i>			
227.	10886 <i>Excoecaria agallocha</i> (Milky Mangrove)			
228.	4656 <i>Jatropha gossypifolia</i> (Bellyache Bush)	Y		
229.	4658 <i>Mallotus nesophilus</i>			
230.	31374 <i>Microstachys chamaelea</i>			
Fabaceae				
231.	16979 <i>Abrus precatorius</i> subsp. <i>precatorius</i>			
232.	3204 <i>Acacia adoxa</i>			
233.	11215 <i>Acacia adoxa</i> var. <i>adoxo</i>			
234.	16160 <i>Acacia adoxa</i> var. <i>subglabra</i>			
235.	3209 <i>Acacia ampliceps</i>			
236.	44580 <i>Acacia ampliceps</i> x <i>bivenosa</i>			
237.	3212 <i>Acacia anaticeps</i>			
238.	3214 <i>Acacia ancistrocarpa</i> (Fitzroy Wattle)			
239.	3241 <i>Acacia bivenosa</i>			
240.	13403 <i>Acacia colei</i>			
241.	17013 <i>Acacia colei</i> var. <i>colei</i>			
242.	12054 <i>Acacia drepanocarpa</i> subsp. <i>drepanocarpa</i>			
243.	3313 <i>Acacia dunnii</i> (Elephant Ear Wattle, Lolord)			
244.	3326 <i>Acacia eriopoda</i> (Broome Pindan Wattle)			
245.	42200 <i>Acacia eriopoda</i> x <i>tumida</i> var. <i>tumida</i>			
246.	3370 <i>Acacia hilliana</i>			
247.	3371 <i>Acacia hippuroides</i>			
248.	3447 <i>Acacia monticola</i> (Gawar, Lilwardi)			
249.	42183 <i>Acacia monticola</i> x <i>tumida</i> var. <i>kulparn</i>		P3	
250.	14977 <i>Acacia plectocarpa</i> subsp. <i>plectocarpa</i>			
251.	<i>Acacia</i> sp.			
252.	19456 <i>Acacia stellaticeps</i>			
253.	3579 <i>Acacia trachycarpa</i> (Minni Ritchi, Balgali)			
254.	3680 <i>Acacia translucens</i> (Poverty Bush, Banmung)			
255.	3585 <i>Acacia tumida</i> (Pindan Wattle, Walgali)			
256.	20321 <i>Acacia tumida</i> var. <i>kulparn</i>			
257.	19641 <i>Acacia tumida</i> var. <i>tumida</i>			
258.	3680 <i>Aeschynomene indica</i> (Budda Pea)			
259.	3609 <i>Albizia lebbbeck</i>			
260.	17574 <i>Alysicarpus ovalifolius</i>	Y		
261.	17146 <i>Alysicarpus vaginalis</i>	Y		
262.	12757 <i>Bauhinia cunninghamii</i>			
263.	<i>Butea monosperma</i>			Y
264.	3624 <i>Caesalpinia major</i>			
265.	<i>Caesalpinia</i> sp.			
266.	10972 <i>Cajanus marmoratus</i>			
267.	<i>Calliandra</i> sp.			
268.	3749 <i>Canavalia rosea</i> (Wild Jack Bean)			
269.	<i>Centrosema molle</i>			
270.	13680 <i>Centrosema pascuorum</i>	Y		
271.	18358 <i>Chamaecrista absus</i> var. <i>absus</i>			
272.	3769 <i>Clitoria ternatea</i>	Y		
273.	13466 <i>Crotalaria brevis</i>			
274.	3774 <i>Crotalaria cunninghamii</i> (Green Birdflower, Bilbun)			
275.	20176 <i>Crotalaria cunninghamii</i> subsp. <i>cunninghamii</i>			
276.	3783 <i>Crotalaria medicaginea</i>			
277.	20179 <i>Crotalaria medicaginea</i> var. <i>neglecta</i>			
278.	19398 <i>Crotalaria ramosissima</i>			
279.	<i>Crotalaria</i> sp.			
280.	17432 <i>Cullen corallum</i>			
281.	17116 <i>Cullen martinii</i>			
282.	17447 <i>Cullen pustulatum</i>			
283.	3851 <i>Desmodium brownii</i>			
284.	3853 <i>Desmodium filiforme</i>			
285.	3857 <i>Desmodium tortuosum</i> (Florida Beggarweed)	Y		
286.	3612 <i>Dichrostachys spicata</i> (Pied Piper Bush)			
287.	3871 <i>Erythrina vespertilio</i> (Yulbah)			
288.	3662 <i>Erythrophleum chlorostachys</i> (Ironwood, Dyundydu)			
289.	3886 <i>Galactia tenuiflora</i>			
290.	13829 <i>Glycine pindanica</i>		P3	
291.	3942 <i>Glycine tomentella</i> (Woolly Glycine)			
292.	3973 <i>Indigofera colutea</i> (Sticky Indigo)			
293.	3978 <i>Indigofera hirsuta</i> (Hairy Indigo)			

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294.	3980 <i>Indigofera linifolia</i>			
295.	3981 <i>Indigofera linnaei</i> (Birdsville Indigo)			
296.	16061 <i>Indigofera oblongifolia</i>	Y		
297.	3989 <i>Isotropis atropurpurea</i> (Poison Sage)			
298.	4046 <i>Labiab purpureus</i> (Labiab Bean)	Y		
299.	4054 <i>Leptosema anomalum</i>			
300.	18351 <i>Leucaena leucocephala</i> subsp. <i>leucocephala</i>	Y		
301.	4070 <i>Macropitium atropurpureum</i> (Purple Bean)	Y		
302.	4079 <i>Medicago polymorpha</i> (Burr Medic)	Y		
303.	4112 <i>Nomismia rhomboidea</i>			
304.	<i>Pachyrhizus erosus</i>			Y
305.	33482 <i>Peltophorum pterocarpum</i>	Y		
306.	<i>Phaseolus vulgaris</i>			Y
307.	<i>Prosopis</i> sp.			
308.	4190 <i>Rhynchosia australis</i> (Rhynchosia)			
309.	4191 <i>Rhynchosia minima</i> (Rhynchosia)			
310.	12303 <i>Senna costata</i>			
311.	12307 <i>Senna glutinosa</i> subsp. <i>glutinosa</i>			
312.	12312 <i>Senna notabilis</i>			
313.	10848 <i>Senna occidentalis</i>	Y		
314.	12313 <i>Senna oligoclada</i>			
315.	4196 <i>Sesbania cannabina</i> (Sesbania Pea)			
316.	4198 <i>Sesbania formosa</i> (White Dragon Tree)			
317.	<i>Sesbania grandiflora</i>			
318.	11235 <i>Sesbania simpliciuscula</i> var. <i>fitzroyensis</i>			
319.	<i>Sesbania</i> sp.			
320.	12353 <i>Stylosanthes hamata</i> (Verano Stylo)	Y		
321.	12354 <i>Stylosanthes scabra</i>	Y		
322.	4242 <i>Swainsona pterostylis</i>			
323.	3677 <i>Tamarindus indica</i> (Tamarind)	Y		
324.	4266 <i>Tephrosia crocea</i> (Baynjood)			
325.	4272 <i>Tephrosia leptoclada</i>			
326.	4279 <i>Tephrosia remotiflora</i>			
327.	4280 <i>Tephrosia rosea</i> (Flinders River Poison, Bungoo'dah)			
328.	19529 <i>Tephrosia rosea</i> var. <i>rosea</i>			
329.	4281 <i>Tephrosia simplicifolia</i>			
330.	<i>Tephrosia</i> sp.			
331.	4293 <i>Trifolium cernuum</i> (Drooping Flower Clover)	Y		
332.	15509 <i>Trifolium tomentosum</i> var. <i>tomentosum</i>	Y		
333.	34937 <i>Uraria lagopodioides</i>			
334.	4327 <i>Zornia chaetophora</i>			
335.	12679 <i>Zornia muelleriana</i> subsp. <i>congesta</i>			
336.	12680 <i>Zornia prostrata</i> var. <i>prostrata</i>			
Goodeniaceae				
337.	7451 <i>Dampiera lavandulacea</i>			
338.	7490 <i>Goodenia armitiana</i>			
339.	12514 <i>Goodenia byrnesii</i>		P3	
340.	7521 <i>Goodenia lamprosperma</i>			
341.	7526 <i>Goodenia microptera</i>			
342.	7545 <i>Goodenia scaevolina</i> (Ngurubi)			
343.	13163 <i>Goodenia sepalosa</i> var. <i>sepalosa</i>			
344.	<i>Goodenia</i> sp.			
345.	13173 <i>Scaevola parvifolia</i> subsp. <i>parvifolia</i>			
346.	7663 <i>Velleia panduriformis</i> (Cabbage Poison)			
Gracilariaceae				
347.	26873 <i>Gracilaria salicornia</i>			
348.	35871 <i>Hydropuntia urvillei</i>			
Gyrostemonaceae				
349.	2778 <i>Codonocarpus cotinifolius</i> (Native Poplar, Kundurangu)			
350.	2789 <i>Gyrostemon tepperi</i>			
Halimedaaceae				
351.	26894 <i>Halimeda macroloba</i>			
352.	35906 <i>Halimeda opuntia</i>			
Halymeniaceae				
353.	37642 <i>Halymenia durvillei</i>			
354.	38100 <i>Halymenia maculata</i>			
Hemerocallidaceae				

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355.	1285 <i>Corynotheca micrantha</i> (Sand Lily)			
356.	11624 <i>Corynotheca micrantha</i> var. <i>gracilis</i>			
Hernandiaceae				
357.	2960 <i>Gyrocarpus americanus</i> (Helicopter Tree, Bilangkamar)			
358.	13748 <i>Gyrocarpus americanus</i> subsp. <i>pachyphyllus</i>			
Hydrocharitaceae				
359.	163 <i>Halophila minor</i>			
360.	164 <i>Halophila ovalis</i> (Sea Wrack)			
361.	<i>Halophila</i> sp.			
362.	165 <i>Halophila spinulosa</i>			
363.	166 <i>Hydrilla verticillata</i> (Water Thyme)			
Hypnaceae				
364.	26970 <i>Hypnea pannosa</i>			
Lamiaceae				
365.	6729 <i>Clerodendrum floribundum</i> (Lollybush)			
366.	13693 <i>Clerodendrum floribundum</i> var. <i>coriaceum</i>			
367.	13691 <i>Clerodendrum floribundum</i> var. <i>ovatum</i>			
368.	6732 <i>Clerodendrum tomentosum</i>			
369.	13688 <i>Clerodendrum tomentosum</i> var. <i>mollissima</i>			
370.	13690 <i>Clerodendrum tomentosum</i> var. <i>tomentosum</i>			
371.	6749 <i>Cyanostegia cyanocalyx</i>			
372.	41026 <i>Dasymalla teckiana</i>			
373.	6876 <i>Hyptis suaveolens</i> (Hyptis)	Y		
374.	6789 <i>Newcastelia cladotricha</i> (Lambs Tail)			
375.	44784 <i>Ocimum americanum</i>	Y		
376.	6907 <i>Ocimum basilicum</i> (Basil)	Y		
377.	6735 <i>Premna acuminata</i> (Ngalinginkal)			
Lauraceae				
378.	2949 <i>Cassytha capillaris</i>			
379.	2950 <i>Cassytha filiformis</i> (Love Vine, Jirawan)			
380.	<i>Cryptocarya hypospodia</i>			
Lecythidaceae				
381.	5290 <i>Planchonia careya</i> (Mangaloo, Yundu)			
Liagoraceae				
382.	26836 <i>Ganonema borowitzkiae</i>			
Linderniaceae				
383.	<i>Lindernia</i> sp.			
Loganiaceae				
384.	6522 <i>Mitrasacme exserta</i>			
385.	6525 <i>Mitrasacme hispida</i>			
Loranthaceae				
386.	2369 <i>Amyema benthamii</i>			
387.	13700 <i>Amyema bifurcata</i>			
388.	11874 <i>Amyema sanguinea</i> var. <i>sanguinea</i>			
389.	<i>Amyema</i> sp.			
390.	2386 <i>Amyema thalassia</i>			
391.	11392 <i>Amyema viliflora</i> subsp. <i>viliflora</i>			
392.	2399 <i>Lysiana spathulata</i>			
393.	11809 <i>Lysiana spathulata</i> subsp. <i>spathulata</i>			
Lythraceae				
394.	5277 <i>Ammannia baccifera</i>			
395.	5278 <i>Ammannia multiflora</i>			
Malvaceae				
396.	16919 <i>Abutilon hannii</i>			
397.	4894 <i>Abutilon indicum</i> (Indian Lantern Flower)			
398.	11325 <i>Abutilon indicum</i> var. <i>australiense</i>			
399.	4901 <i>Abutilon otocarpum</i> (Desert Chinese Lantern)			
400.	<i>Abutilon</i> sp.			
401.	4995 <i>Adansonia gregorii</i> (Baob, Djungeri)			
402.	4907 <i>Alyogyne pinoniana</i> (Sand Hibiscus)			
403.	40917 <i>Androcalva loxophylla</i>			
404.	13010 <i>Brachychiton diversifolius</i> subsp. <i>diversifolius</i>			
405.	4997 <i>Camptostemon schultzei</i> (Kapok Mangrove)			
406.	12767 <i>Corchorus aestuans</i>			

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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
407.	17339	<i>Corchorus incanus</i>			
408.	25847	<i>Corchorus incanus</i> subsp. <i>incanus</i>			
409.	4861	<i>Corchorus olitorius</i> (Jute)	Y		
410.	18415	<i>Corchorus sidoides</i> subsp. <i>sidoides</i>			
411.	18414	<i>Corchorus sidoides</i> subsp. <i>vermicularis</i>			
412.	4910	<i>Gossypium australe</i> (Native Cotton)			
413.	4913	<i>Gossypium hirsutum</i> (Upland Cotton)	Y		
414.	4916	<i>Gossypium populifolium</i>			
415.	13043	<i>Gossypium rotundifolium</i>			
416.		<i>Gossypium</i> sp.			
417.	4868	<i>Grewia breviflora</i>			
418.	4872	<i>Grewia retusifolia</i> (Dog's Balls)			
419.		<i>Grewia</i> sp.			
420.	4920	<i>Herissantia crispa</i>			
421.	29358	<i>Hibiscus apodus</i>			
422.	29316	<i>Hibiscus austrinus</i>			
423.	29317	<i>Hibiscus austrinus</i> var. <i>austrinus</i>			
424.	4929	<i>Hibiscus geranioides</i>			
425.	4933	<i>Hibiscus leptocladus</i>			
426.		<i>Hibiscus</i> sp.			
427.	18484	<i>Keraudrenia exastia</i>		T	
428.	19028	<i>Keraudrenia katalona</i>		P3	
429.	5024	<i>Keraudrenia nephrosperma</i>			
430.	5051	<i>Melhania oblongifolia</i>			
431.	4973	<i>Sida cordifolia</i>	Y		
432.	4977	<i>Sida fibulifera</i> (Silver Sida)			
433.	4979	<i>Sida hackettiana</i>			
434.	18150	<i>Sida rohlenae</i> subsp. <i>occidentalis</i>			
435.	45274	<i>Sida</i> sp. Pindan (B.G. Thomson 3398)			
436.	19712	<i>Sida</i> sp. dark green fruits (S. van Leeuwen 2260)			
437.	4989	<i>Sida spinosa</i> (Spiny Sida)			
438.	4992	<i>Thespesia populneoides</i> (Laba)			
439.	13468	<i>Triumfetta pentandra</i>	Y		
440.	5106	<i>Waltheria indica</i>			
Marsileaceae					
441.	73	<i>Marsilea angustifolia</i> (Narrow-leaf Nardoo)			
442.	76	<i>Marsilea hirsuta</i> (Nardoo)			
Meliaceae					
443.	17660	<i>Azadirachta indica</i>	Y		
444.		<i>Owenia mirrara</i>			
445.	4518	<i>Owenia reticulata</i> (Native Walnut, Bandal)			
Menispermaceae					
446.	2942	<i>Tinospora smilacina</i> (Snakevine, Oondala)			
Moraceae					
447.	25811	<i>Ficus aculeata</i>			
448.	31578	<i>Ficus aculeata</i> var. <i>indecora</i> (Ranjī)			
449.		<i>Ficus eosipila</i>			
450.	1753	<i>Ficus platypoda</i> (Native Fig, Makartu)			
451.		<i>Ficus</i> sp.			
452.		<i>Ficus subintermedia</i>			
453.	12096	<i>Ficus virens</i> var. <i>virens</i>			
Moringaceae					
454.		<i>Moringa</i> sp.			Y
Myrtaceae					
455.	5457	<i>Calytrix exstipulata</i> (Kimberley Heather)			
456.	16788	<i>Corymbia bella</i>			
457.	16783	<i>Corymbia candida</i>			
458.	17080	<i>Corymbia confertiflora</i>			
459.	16784	<i>Corymbia dendromerinx</i>			
460.	14650	<i>Corymbia flavescent</i>			
461.	17089	<i>Corymbia greeniana</i>			
462.	16789	<i>Corymbia paractia</i>		P1	
463.	17100	<i>Corymbia polycarpa</i>			
464.		<i>Corymbia</i> sp.			
465.	17084	<i>Corymbia zygophylla</i>			
466.	5586	<i>Eucalyptus ceracea</i> (Seppelt Range Gum)		T	
467.	5715	<i>Eucalyptus miniata</i> (Woollybutt, Manawan)			

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468.	<i>Eucalyptus</i> sp.			
469.	5785 <i>Eucalyptus tectifica</i> (Darwin Box)			
470.	5805 <i>Eugenia reinwardtiana</i>		P1	
471.	9178 <i>Melaleuca alsophila</i>			
472.	17791 <i>Melaleuca cajuputi</i> subsp. <i>cajuputi</i>			
473.	5901 <i>Melaleuca dealbata</i> (Karnbor)			
474.	5942 <i>Melaleuca nervosa</i> (Fibre bark)			
475.	<i>Melaleuca</i> sp.			
Nyctaginaceae				
476.	2770 <i>Boerhavia coccinea</i> (Tar Vine, Wituka)			
477.	8357 <i>Boerhavia diffusa</i>			
478.	2771 <i>Boerhavia dominii</i>			
479.	2772 <i>Boerhavia gardneri</i>			
480.	2773 <i>Boerhavia paludosa</i>			
481.	<i>Boerhavia repens</i>			
482.	<i>Boerhavia</i> sp.			
Oleaceae				
483.	6501 <i>Jasminum didymum</i>			
484.	12059 <i>Jasminum didymum</i> subsp. <i>lineare</i> (Desert Jasmine)			
Opiliaceae				
485.	2362 <i>Opilia amentacea</i>			
Orchidaceae				
486.	1628 <i>Cymbidium canaliculatum</i>			
487.	18657 <i>Pterostylis</i> sp. <i>inland</i> (A.C. Beaglehole 11880)			
Orobanchaceae				
488.	13682 <i>Buchnera asperata</i>			
489.	7103 <i>Striga curviflora</i>			
Pandanaceae				
490.	104 <i>Pandanus spiralis</i> (Screw pine, Wakiri)			
Passifloraceae				
491.	5226 <i>Passiflora foetida</i> (Stinking Passion Flower)	Y		
Peyssonneliaceae				
492.	44731 <i>Sonderophycus capensis</i>			
Phyllanthaceae				
493.	<i>Breynia australasiae</i>			
494.	<i>Breynia desorii</i>			
495.	4603 <i>Bridelia tomentosa</i>			
496.	4654 <i>Flueggea virosa</i>			
497.	12013 <i>Flueggea virosa</i> subsp. <i>melanthesoides</i> (Dogwood, Guwal)			
498.	<i>Flueggea virosa</i> subsp. <i>virosa</i>			
499.	38421 <i>Notoleptopus decaisnei</i>			
500.	4673 <i>Phyllanthus amarus</i>	Y		
501.	4674 <i>Phyllanthus aridus</i>			
502.	45895 <i>Phyllanthus eremicus</i> (Desert Phyllanthus)		P3	
503.	<i>Phyllanthus</i> sp.			
504.	17794 <i>Phyllanthus tenellus</i>	Y		
505.	13927 <i>Phyllanthus urinaria</i>			
506.	4687 <i>Phyllanthus virgatus</i>			
507.	<i>Sauropus</i> sp.			
Piperaceae				
508.	17320 <i>Peperomia pellucida</i>	Y		
Plantaginaceae				
509.	12487 <i>Stemodia florulenta</i>			
510.	12489 <i>Stemodia lathraia</i>			
Plumbaginaceae				
511.	6490 <i>Muellerolimon salicorniaceum</i>			
Poaceae				
512.	11193 <i>Aristida holathera</i> var. <i>latifolia</i>			
513.	211 <i>Aristida hygrometrica</i> (Northern Kerosene Grass)			
514.	212 <i>Aristida inaequiglumis</i> (Feathertop Threawn)			
515.	13361 <i>Bothriochloa pertusa</i>	Y		
516.	241 <i>Brachyachne convergens</i> (Spider Grass)			
517.	41565 <i>Cenchrus americanus</i> (Pearl Millet)	Y		
518.	257 <i>Cenchrus biflorus</i> (Gallon's Curse)			

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519.	258 <i>Cenchrus ciliaris</i> (Buffel Grass)	Y		
520.	259 <i>Cenchrus echinatus</i> (Burrgrass)	Y		
521.	41563 <i>Cenchrus purpureus</i> (Elephant Grass)	Y		
522.	29721 <i>Cenchrus setiger</i> (Birdwood Grass)	Y		
523.	<i>Cenchrus</i> sp.			
524.	266 <i>Chloris barbata</i> (Purpletop Chloris)	Y		
525.	270 <i>Chloris pumilio</i>			
526.	272 <i>Chloris virgata</i> (Feathertop Rhodes Grass)	Y		
527.	28291 <i>Chrysopogon aciculatus</i>	Y		
528.	275 <i>Chrysopogon pallidus</i> (Ribbongrass)			
529.	282 <i>Cymbopogon procerus</i> (Lemon Grass)			
530.	283 <i>Cynodon dactylon</i> (Couch)	Y		
531.	288 <i>Dactyloctenium aegyptium</i> (Coast Button Grass)	Y		
532.	290 <i>Dactyloctenium radulans</i> (Button Grass)			
533.	309 <i>Digitaria bicornis</i> (Finger Grass)			
534.	311 <i>Digitaria ciliaris</i> (Summer Grass)	Y		
535.	35178 <i>Digitaria radicata</i>	Y		
536.	<i>Digitaria</i> sp.			
537.	342 <i>Ectrosia danesii</i>			
538.	345 <i>Ectrosia schultzei</i> (Hare's Foot Grass)			
539.	353 <i>Eleusine indica</i> (Crowsfoot Grass)	Y		
540.	363 <i>Enneapogon pallidus</i> (Conetop Nineawn)			
541.	15124 <i>Eragrostis amabilis</i>	Y		
542.	374 <i>Eragrostis cilianensis</i> (Stinkgrass)	Y		
543.	375 <i>Eragrostis cumingii</i> (Cuming's Love Grass)			
544.	380 <i>Eragrostis eriopoda</i> (Woollybutt Grass, Wangummu)			
545.	381 <i>Eragrostis falcata</i> (Sickle Lovegrass)			
546.	388 <i>Eragrostis leptocarpa</i> (Drooping Lovegrass)			
547.	389 <i>Eragrostis minor</i> (Smaller Stinkgrass)	Y		
548.	<i>Eragrostis</i> sp.			
549.	17610 <i>Eragrostis tenuifolia</i>	Y		
550.	412 <i>Eriachne melicacea</i>			
551.	414 <i>Eriachne obtusa</i> (Northern Wandarrie Grass)			
552.	37420 <i>Eriachne</i> sp. Dampier Peninsula (K.F. Kenneally 5946)			
553.	443 <i>Heteropogon contortus</i> (Bunch Speargrass)			
554.	462 <i>Iseilema holmesii</i>			
555.	<i>Leptochloa</i> sp.			
556.	476 <i>Lolium perenne</i> (Perennial Ryegrass)	Y		
557.	<i>Mnesithea</i> sp.			
558.	503 <i>Panicum decompositum</i> (Native Millet, Kaltu-kaltu)			
559.	504 <i>Panicum effusum</i> (Hairy Panic Grass)			
560.	523 <i>Paspalidium rarum</i> (Rare Paspalidium)			
561.	533 <i>Paspalum vaginatum</i> (Salt Water Couch)	Y		
562.	546 <i>Perotis rara</i> (Comet Grass)			
563.	586 <i>Pseudochaetochloa australiensis</i>			
564.	599 <i>Schizachyrium fragile</i> (Senale Redgrass)			
565.	613 <i>Setaria verticillata</i> (Whorled Pigeon Grass)	Y		
566.	12920 <i>Sorghum interjectum</i>			
567.	12919 <i>Sorghum plumosum</i> var. <i>plumosum</i>			
568.	<i>Sorghum</i> sp.			
569.	620 <i>Sorghum stipoides</i> (Annual Sorghum)			
570.	622 <i>Sorghum timorense</i>			
571.	625 <i>Spinifex longifolius</i> (Beach Spinifex)			
572.	629 <i>Sporobolus australasicus</i> (Fairy Grass)			
573.	633 <i>Sporobolus mitchellii</i> (Ratstail Couch)			
574.	635 <i>Sporobolus virginicus</i> (Marine Couch)			
575.	669 <i>Thaumatococcus pubescens</i>			
576.	17888 <i>Triodia acutispicula</i>		P3	
577.	34357 <i>Triodia caelestialis</i>		P3	
578.	13131 <i>Triodia epactia</i>			
579.	691 <i>Triodia microstachya</i>			
580.	17873 <i>Triodia schinzii</i>			
581.	715 <i>Urochloa mosambicensis</i> (Sabi Grass)	Y		
582.	717 <i>Urochloa piligera</i>			
583.	13902 <i>Urochloa praetervisa</i>			
584.	718 <i>Urochloa pubigera</i>			
585.	10865 <i>Urochloa subquadrifida</i>			
586.	725 <i>Whiteochloa airoides</i>			
587.	728 <i>Whiteochloa cymbiformis</i>			

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588.	729 <i>Xerochloa barbata</i> (Rice Grass)			
589.	730 <i>Xerochloa imberbis</i> (Rice Grass)			
590.	731 <i>Xerochloa laniflora</i> (Rice Grass)			
591.	<i>Xerochloa</i> sp.			
592.	732 <i>Yakirra australiensis</i>			
593.	735 <i>Yakirra pauciflora</i>			
Polygalaceae				
594.	4577 <i>Polygala tepperi</i>			
Polygonaceae				
595.	11020 <i>Persicaria hydropiper</i>			
Portulacaceae				
596.	2866 <i>Calandrinia quadrivalvis</i>			
597.	2871 <i>Calandrinia strophiolata</i>			
598.	2873 <i>Calandrinia uniflora</i>			
599.	2881 <i>Portulaca filifolia</i>			
600.	2883 <i>Portulaca napiformis</i>			
601.	2884 <i>Portulaca oleracea</i> (Purslane, Wakati)			
602.	2886 <i>Portulaca pilosa</i> (Djanggara)	Y		
603.	<i>Portulaca</i> sp.			
Primulaceae				
604.	6478 <i>Aegiceras corniculatum</i> (River Mangrove)			
Proteaceae				
605.	2001 <i>Grevillea eriostachya</i> (Flame Grevillea, Kaliny-kalinyapa)			
606.	2076 <i>Grevillea pteridifolia</i> (Silky Grevillea)			
607.	2079 <i>Grevillea pyramidalis</i> (Caustic Bush, Tjunga)			
608.	15975 <i>Grevillea pyramidalis</i> subsp. <i>pyramidalis</i>			
609.	2081 <i>Grevillea refracta</i> (Silver-leaf Grevillea, Jamooda)			
610.	16476 <i>Grevillea refracta</i> subsp. <i>refracta</i>			
611.	13440 <i>Grevillea wickhamii</i> subsp. <i>aprica</i>			
612.	2129 <i>Hakea arborescens</i> (Common Hakea)			
613.	2178 <i>Hakea macrocarpa</i> (Dyanidany, Jaradinty)			
614.	2263 <i>Persoonia falcata</i> (Wild Pear, Gandala)			
Pteridaceae				
615.	44 <i>Acrostichum speciosum</i>			
616.	30 <i>Ceratopteris thalictroides</i>			
Rhamnaceae				
617.	4846 <i>Ventilago viminalis</i> (Supplejack, Barndaragu)			
618.	4847 <i>Ziziphus mauritiana</i> (Zornia)	Y		
Rhizophoraceae				
619.	5291 <i>Bruguiera exaristata</i> (Ribbed Mangrove)			
620.	39680 <i>Ceriops australis</i>			
621.	5295 <i>Rhizophora stylosa</i> (Spotted-leaved Red Mangrove)			
Rhodomelaceae				
622.	35923 <i>Acanthophora muscoides</i>			
623.	26441 <i>Acanthophora spicifera</i>			
624.	35868 <i>Acrocystis nana</i>			
625.	26515 <i>Bostrychia tenella</i>			Y
626.	26628 <i>Chondria armata</i>			
627.	26782 <i>Digenea simplex</i>			
628.	27335 <i>Tolypocladia calodictyon</i>			
629.	27336 <i>Tolypocladia glomerulata</i>			
630.	35901 <i>Vidalia melvillii</i>			
Rhodymeniaceae				
631.	26516 <i>Botryocladia leptopoda</i>			
632.	26686 <i>Coelarthrum opuntia</i>			
633.	35913 <i>Gelidiopsis scoparia</i>			
Ricciaceae				
634.	<i>Riccia limbat</i>			
Rubiaceae				
635.	7319 <i>Dentella misera</i>			
636.	<i>Dentella</i> sp.			
637.	7328 <i>Gardenia pyrniformis</i> (Malara)			
638.	15234 <i>Gardenia pyrniformis</i> subsp. <i>keartlandii</i>			
639.	<i>Gardenia</i> sp.			

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640.	<i>Mitracarpus hirtus</i>			
641.	7337 <i>Nauclea orientalis</i> (Leichardt Pine)			
642.	13341 <i>Oldenlandia argillacea</i>			
643.	12498 <i>Oldenlandia corymbosa</i>	Y		
644.	13340 <i>Oldenlandia corymbosa</i> var. <i>corymbosa</i>	Y		
645.	13343 <i>Oldenlandia mitrasacmoides</i> subsp. <i>mitrasacmoides</i>			
646.	13570 <i>Pavetta kimberleyana</i>			
647.	7357 <i>Pavetta muelleri</i>			
648.	18206 <i>Psychodax attenuata</i>			
649.	18207 <i>Psychodax attenuata</i> var. <i>tenella</i>			
650.	18208 <i>Psychodax pendulina</i>			
651.	28345 <i>Spermacoce dolichosperma</i>			
652.	20866 <i>Spermacoce hillii</i>			
653.	28347 <i>Spermacoce occidentalis</i>			
654.	<i>Spermacoce</i> sp.			
655.	7364 <i>Timonius timon</i>			
Rutaceae				
656.	12361 <i>Melicope elleryana</i>			
Santalaceae				
657.	11169 <i>Exocarpos latifolius</i> (Broad-leaved Cherry)			
658.	<i>Santalum album</i>			
659.	2357 <i>Santalum lanceolatum</i> (Northern Sandalwood, Yamguli)			
Sapindaceae				
660.	4740 <i>Atalaya hemiglaucula</i> (Whitewood)			
661.	38461 <i>Dodonaea hispidula</i> var. <i>arida</i>			
662.	4777 <i>Dodonaea polyzyga</i>			
Sapotaceae				
663.	31172 <i>Sersalisia sericea</i> (Nangi)			
Scrophulariaceae				
664.	17158 <i>Myoporum montanum</i> (Native Myrtle)			
Sebdeniaceae				
665.	27274 <i>Sebdenia flabellata</i>			
Solanaceae				
666.	<i>Capsicum annuum</i>			
667.	14817 <i>Nicotiana heterantha</i>		P1	
668.	6991 <i>Solanum beaugleholei</i>			
669.	7000 <i>Solanum cunninghamii</i>			
670.	7001 <i>Solanum dioicum</i> (Gilu)			
671.	7002 <i>Solanum diversiflorum</i>			
672.	7007 <i>Solanum esuriale</i> (Quena)			
673.	9259 <i>Solanum nodiflorum</i> (Glossy Nightshade)			
674.	<i>Solanum</i> sp.			
675.	<i>Solanum torvum</i>			
Stylidiaceae				
676.	45717 <i>Stylidium pindanicum</i> (Pindan Triggerplant)		P3	
Udoteaceae				
677.	27349 <i>Udotea flabellum</i>			
Urticaceae				
678.	<i>Pilea microphylla</i>			
679.	<i>Soleirolia</i> sp.			Y
Valoniaceae				
680.	36278 <i>Valonia aegagropila</i>			
Verbenaceae				
681.	6734 <i>Phyla nodiflora</i> var. <i>nodiflora</i>	Y		
682.	13104 <i>Stachytarpheta cayennensis</i>	Y		
Violaceae				
683.	5215 <i>Hybanthus aurantiacus</i>			
Zygophyllaceae				
684.	4368 <i>Tribulopsis angustifolia</i>			
685.	4375 <i>Tribulus cistoides</i>			
686.	4380 <i>Tribulus occidentalis</i> (Perennial Caltrop)			
687.	<i>Tribulus</i> sp.			
688.	4383 <i>Tribulus terrestris</i> (Caltrop)	Y		

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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
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Conservation Codes
 1 - Rare or likely to become extinct
 X - Presumed extinct
 IA - Protected under international agreement
 S - Other specially protected fauna
 1 - Priority 1
 2 - Priority 2
 3 - Priority 3
 4 - Priority 4
 5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.

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NatureMap Fauna Species Report

Created By Guest user on 02/03/2016

Kingdom	Animalia
Current Names Only	Yes
Core Datasets Only	Yes
Method	'By Line'
Vertices	17° 56' 24" S, 122° 13' 02" E 17° 56' 51" S, 122° 12' 49" E
Group By	Species Group

Species Group	Species	Records
Amphibian	10	53
Bird	374	21029
Fish	351	943
Invertebrate	1193	3372
Mammal	36	321
Reptile	103	622
TOTAL	2067	26340

Name ID	Species Name	Naturalised	Conservation Code	Endemic To Query Area
Amphibian				
1.	25371 <i>Cyclorana australis</i> (Giant Frog)			
2.	25374 <i>Cyclorana longipes</i> (Long-footed Frog)			
3.	25380 <i>Litoria caerulea</i> (Green Tree Frog)			
4.	25389 <i>Litoria nasuta</i> (Striped Rocket Frog)			
5.	25391 <i>Litoria rothii</i> (Northern Laughing Tree Frog)			
6.	25392 <i>Litoria rubella</i> (Little Red Tree Frog)			
7.	25430 <i>Notaden nichollsi</i> (Desert Spadefoot)			
8.	42305 <i>Platyplectrum ornatum</i> (Ornate Burrowing Frog)			
9.	25436 <i>Uperoleia aspera</i> (Derby Toadlet)			
10.	25446 <i>Uperoleia talpa</i> (Ratcheting Toadlet)			
Bird				
11.	24559 <i>Acanthagenys rufogularis</i> (Spiny-cheeked Honeyeater)			
12.	25535 <i>Accipiter cirrocephalus</i> (Collared Sparrowhawk)			
13.	24281 <i>Accipiter cirrocephalus</i> subsp. <i>cirrocephalus</i> (Collared Sparrowhawk)			
14.	25536 <i>Accipiter fasciatus</i> (Brown Goshawk)			
15.	24283 <i>Accipiter fasciatus</i> subsp. <i>didimus</i> (Brown Goshawk)			
16.	25755 <i>Acrocephalus australis</i> (Australian Reed Warbler)			
17.	41323 <i>Actitis hypoleucos</i> (Common Sandpiper)		IA	
18.	25544 <i>Aegotheles cristatus</i> (Australian Owlet-nightjar)			
19.	24312 <i>Anas gracilis</i> (Grey Teal)			
20.	24314 <i>Anas querquedula</i> (Garganey)		IA	
21.	24315 <i>Anas rhynchotis</i> (Australasian Shoveler)			
22.	24316 <i>Anas superciliosa</i> (Pacific Black Duck)			
23.	24332 <i>Anhinga melanogaster</i> subsp. <i>novaeollandiae</i> (Darter)			
24.	<i>Anhinga novaeollandiae</i>			
25.	25634 <i>Anous stolidus</i> (Common Noddy)		IA	
26.	24505 <i>Anous stolidus</i> subsp. <i>pileatus</i> (Common Noddy)		IA	
27.	24317 <i>Anseranas semipalmata</i> (Magpie Goose, Pied Goose)			
28.	24561 <i>Anthochaera carunculata</i> (Red Wattlebird)			
29.	24719 <i>Aprosmictus erythropterus</i> (Red-winged Parrot)			
30.	25554 <i>Apus pacificus</i> (Fork-tailed Swift)		IA	
31.	24334 <i>Apus pacificus</i> subsp. <i>pacificus</i> (Fork-tailed Swift)		IA	
32.	24285 <i>Aquila audax</i> (Wedge-tailed Eagle)			
33.	25538 <i>Aquila morphnoides</i> (Little Eagle)			
34.	24286 <i>Aquila morphnoides</i> subsp. <i>morphnoides</i> (Little Eagle)			
35.	24337 <i>Ardea garzetta</i> subsp. <i>nigripes</i> (Little Egret)			
36.	25558 <i>Ardea ibis</i> (Cattle Egret)		IA	
37.	25559 <i>Ardea intermedia</i> (Intermediate Egret)			
38.	41324 <i>Ardea modesta</i> (Eastern Great Egret)		IA	
39.	24340 <i>Ardea novaeollandiae</i> (White-faced Heron)			
40.	24341 <i>Ardea pacifica</i> (White-necked Heron)			

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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
41.	25560	<i>Ardea sacra</i> (Eastern Reef Egret, Eastern Reef Heron)		IA	
42.	24343	<i>Ardea sacra</i> subsp. <i>sacra</i> (Eastern Reef Egret, Eastern Reef Heron)		IA	
43.		<i>Ardea</i> sp.			Y
44.		<i>Ardena pacifica</i>			
45.	24610	<i>Ardeotis australis</i> (Australian Bustard)			
46.	25736	<i>Arenaria interpres</i> (Ruddy Turnstone)		IA	
47.	24778	<i>Arenaria interpres</i> subsp. <i>interpres</i> (Ruddy Turnstone)		IA	
48.	25566	<i>Artamus cinereus</i> (Black-faced Woodswallow)			
49.	25567	<i>Artamus leucorhynchus</i> (White-breasted Woodswallow)			
50.	24355	<i>Artamus minor</i> (Little Woodswallow)			
51.	24356	<i>Artamus personatus</i> (Masked Woodswallow)			
52.	24357	<i>Artamus superciliosus</i> (White-browed Woodswallow)			
53.	24318	<i>Aythya australis</i> (Hardhead)			
54.	24685	<i>Bulweria bulwerii</i> (Bulwer's Petrel)			
55.		<i>Burhinus (Burhinus) grallarius</i>			
56.	24359	<i>Burhinus grallarius</i> (Bush Stone-curlew)			
57.	25561	<i>Butorides striatus</i> (Striated Heron, Mangrove Heron)			
58.	24346	<i>Butorides striatus</i> subsp. <i>stagnatilis</i> (Striated Heron, Mangrove Heron)			
59.		<i>Cacatua (Licmetis) sanguinea</i> subsp. <i>sanguinea</i>			
60.	24726	<i>Cacatua roseicapilla</i> subsp. <i>roseicapilla</i> (Galah)			
61.	25716	<i>Cacatua sanguinea</i> (Little Corella)			
62.	24728	<i>Cacatua sanguinea</i> subsp. <i>sanguinea</i> (Little Corella)			
63.	42307	<i>Cacomantis pallidus</i> (Pallid Cuckoo)			
64.	25599	<i>Cacomantis variolosus</i> (Brush Cuckoo)			
65.		<i>Calamanthus (Calamanthus) campestris</i> subsp. <i>rubiginosus</i>			
66.		<i>Calidris (Ereunetes) ruficollis</i>			
67.		<i>Calidris (Erolia) acuminata</i>			
68.		<i>Calidris (Erolia) ferruginea</i>			
69.	24779	<i>Calidris acuminata</i> (Sharp-tailed Sandpiper)		IA	
70.	24780	<i>Calidris alba</i> (Sanderling)		IA	
71.	25738	<i>Calidris canutus</i> (Red Knot)		IA	
72.	24783	<i>Calidris canutus</i> subsp. <i>rogersi</i> (Red Knot (north-eastern Siberia))		T	
73.	24784	<i>Calidris ferruginea</i> (Curlew Sandpiper)		T	
74.	24786	<i>Calidris melanotos</i> (Pectoral Sandpiper)		IA	
75.	24788	<i>Calidris ruficollis</i> (Red-necked Stint)		IA	
76.	24789	<i>Calidris subminuta</i> (Long-toed Stint)		IA	
77.	24790	<i>Calidris tenuirostris</i> (Great Knot)		T	
78.	24686	<i>Calonectris leucomelas</i> (Streaked Shearwater)		IA	
79.	25717	<i>Calyptorhynchus banksii</i> (Red-tailed Black-Cockatoo)			
80.	25600	<i>Centropus phasianinus</i> (Pheasant Coucal)			
81.	30884	<i>Centropus phasianinus</i> subsp. <i>phasianinus</i> (Pheasant Coucal)			
82.	24564	<i>Certhionyx variegatus</i> (Pied Honeyeater)			
83.		<i>Charadrius (Charadrius) leschenaultii</i> subsp. <i>leschenaultii</i>			
84.	25575	<i>Charadrius leschenaultii</i> (Greater Sand Plover)		IA	
85.	24372	<i>Charadrius leschenaultii</i> subsp. <i>leschenaultii</i> (Greater Sand Plover (Mongolian))		T	
86.	24373	<i>Charadrius melanops</i> (Black-fronted Dotterel)			
87.	25576	<i>Charadrius mongolus</i> (Lesser Sand Plover)		T	
88.	24375	<i>Charadrius mongolus</i> subsp. <i>mongolus</i> (Lesser Sand Plover)		IA	
89.	24377	<i>Charadrius ruficapillus</i> (Red-capped Plover)			
90.	24378	<i>Charadrius veredus</i> (Oriental Plover)		IA	
91.		<i>Chlamydera nuchalis</i>			
92.		<i>Chroicocephalus novaehollandiae</i>			
93.	24431	<i>Chrysococcyx basalis</i> (Horsfield's Bronze Cuckoo)			
94.	24433	<i>Chrysococcyx minutilius</i> subsp. <i>minutilius</i> (Little Bronze Cuckoo)			
95.	24434	<i>Chrysococcyx osculans</i> (Black-eared Cuckoo)			
96.	24833	<i>Cinloramphus cruralis</i> (Brown Songlark)			
97.	24288	<i>Circus approximans</i> (Swamp Harrier)			
98.	24289	<i>Circus assimilis</i> (Spotted Harrier)			
99.	24565	<i>Cissomela pectoralis</i> (Banded Honeyeater)			
100.	25756	<i>Cisticola exilis</i> (Golden-headed Cisticola)			
101.	24835	<i>Cisticola exilis</i> subsp. <i>exilis</i> (Golden-headed Cisticola)			
102.	24774	<i>Cladorhynchus leucocephalus</i> (Banded Stilt)			
103.	24394	<i>Climacteris melanura</i> subsp. <i>melanura</i> (Black-tailed Treecreeper)			
104.	25675	<i>Colluricincla harmonica</i> (Grey Shrike-thrush)			
105.	24399	<i>Columba livia</i> (Domestic Pigeon)	Y		
106.	24568	<i>Conopophila rufogularis</i> (Rufous-throated Honeyeater)			
107.	25568	<i>Coracina novaehollandiae</i> (Black-faced Cuckoo-shrike)			
108.	25569	<i>Coracina papuensis</i> (White-bellied Cuckoo-shrike, Little Cuckoo-shrike)			
109.	24416	<i>Corvus bennetti</i> (Little Crow)			
110.	25593	<i>Corvus orru</i> (Torresian Crow)			

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111.	<i>Corvus</i> sp.			
112.	25701 <i>Coturnix ypsilophora</i> (Brown Quail)			
113.	24672 <i>Coturnix ypsilophora</i> subsp. <i>cervina</i> (Brown Quail)			
114.	24420 <i>Cracticus nigrogularis</i> (Pied Butcherbird)			
115.	25595 <i>Cracticus tibicen</i> (Australian Magpie)			
116.	25596 <i>Cracticus torquatus</i> (Grey Butcherbird)			
117.	24436 <i>Cuculus saturatus</i> subsp. <i>optatus</i> (Oriental Cuckoo)		IA	
118.	<i>Cyanoptila cyanomelana</i>			Y
119.	24322 <i>Cygnus atratus</i> (Black Swan)			
120.	<i>Dacelo</i> (<i>Dacelo</i>) <i>leachii</i> subsp. <i>leachii</i>			
121.	25547 <i>Dacelo leachii</i> (Blue-winged Kookaburra)			
122.	24304 <i>Dacelo leachii</i> subsp. <i>leachii</i> (Blue-winged Kookaburra)			
123.	25673 <i>Daphoenositta chrysoptera</i> (Varied Sittella)			
124.	24324 <i>Dendrocygna arcuata</i> (Wandering Whistling Duck, Chestnut Whistling Duck)			
125.	24325 <i>Dendrocygna eytoni</i> (Plumed Whistling Duck)			
126.	25607 <i>Dicaeum hirundinaceum</i> (Mistletoebird)			
127.	<i>Dromaius novaehollandiae</i> subsp. <i>novaehollandiae</i>			
128.	25584 <i>Ducula bicolor</i> (Pied Imperial Pigeon)			
129.	<i>Egretta garzetta</i>			
130.	<i>Egretta novaehollandiae</i>			
131.	<i>Egretta picata</i>			
132.	<i>Elanus axillaris</i>			
133.	25540 <i>Elanus caeruleus</i> (Black-shouldered Kite)			
134.	24291 <i>Elanus scriptus</i> (Letter-winged Kite)		P4	
135.	<i>Elanus</i> sp.			Y
136.	<i>Elseyaornis melanops</i>			
137.	24631 <i>Emblema pictum</i> (Painted Finch)			
138.	<i>Eolophus roseicapillus</i>			
139.	<i>Ephippiorhynchus</i> (<i>Ephippiorhynchus</i>) <i>asiaticus</i>			
140.	25578 <i>Ephippiorhynchus asiaticus</i> (Black-necked Stork)			
141.	24569 <i>Epthianura crocea</i> (Yellow Chat)			
142.	24570 <i>Epthianura tricolor</i> (Crimson Chat)			
143.	24379 <i>Erythronyctes cinctus</i> (Red-kneed Dotterel)			
144.	24632 <i>Erythrura gouldiae</i> (Gouldian Finch)		P4	
145.	<i>Esacus magnirostris</i>			
146.	24368 <i>Eurostopodus argus</i> (Spotted Nightjar)			
147.	25591 <i>Eurystomus orientalis</i> (Dollarbird)			
148.	24415 <i>Eurystomus orientalis</i> subsp. <i>pacificus</i> (Dollarbird)			
149.	25621 <i>Falco berigora</i> (Brown Falcon)			
150.	24471 <i>Falco berigora</i> subsp. <i>berigora</i> (Brown Falcon)			
151.	25622 <i>Falco cenchroides</i> (Australian Kestrel)			
152.	24472 <i>Falco cenchroides</i> subsp. <i>cenchrus</i> (Australian Kestrel)			
153.	24473 <i>Falco hypoleucos</i> (Grey Falcon)		T	
154.	25623 <i>Falco longipennis</i> (Australian Hobby)			
155.	24474 <i>Falco longipennis</i> subsp. <i>longipennis</i> (Australian Hobby)			
156.	25624 <i>Falco peregrinus</i> (Peregrine Falcon)		S	
157.	24475 <i>Falco peregrinus</i> subsp. <i>macropus</i> (Australian Peregrine Falcon)		S	
158.	24476 <i>Falco subniger</i> (Black Falcon)			
159.	24478 <i>Fregata ariel</i> (Lesser Frigatebird)		IA	
160.	24479 <i>Fregata minor</i> (Greater Frigatebird)		IA	
161.	25727 <i>Fulica atra</i> (Eurasian Coot)			
162.	24792 <i>Gallinago megala</i> (Swinhoe's Snipe)		IA	
163.	24793 <i>Gallinago stenura</i> (Pin-tailed Snipe)		IA	
164.	25730 <i>Gallirallus philippensis</i> (Buff-banded Rail)			
165.	24785 <i>Gallirallus philippensis</i> subsp. <i>mellori</i> (Buff-banded Rail)			
166.	42314 <i>Gavicalis virescens</i> (Singing Honeyeater)			
167.	<i>Gelochelidon nilotica</i>			
168.	24401 <i>Geopelia cuneata</i> (Diamond Dove)			
169.	24402 <i>Geopelia humeralis</i> (Bar-shouldered Dove)			
170.	25585 <i>Geopelia striata</i> (Zebra Dove)			
171.	24403 <i>Geopelia striata</i> subsp. <i>placida</i> (Peaceful Dove)			
172.	24404 <i>Geophaps plumifera</i> (Spinifex Pigeon)			
173.	25530 <i>Gerygone fusca</i> (Western Gerygone)			
174.	25531 <i>Gerygone levigaster</i> (Mangrove Gerygone)			
175.	24273 <i>Gerygone levigaster</i> subsp. <i>levigaster</i> (Mangrove Gerygone)			
176.	25533 <i>Gerygone olivacea</i> (White-throated Gerygone)			
177.	24276 <i>Gerygone tenebrosa</i> (Dusky Gerygone)			
178.	24481 <i>Glareola maldivarum</i> (Oriental Pratincole)		IA	
179.	24443 <i>Grallina cyanoleuca</i> (Magpie-lark)			
180.	24484 <i>Grus rubicunda</i> (Brolga)			

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181.	25627	<i>Haematopus fuliginosus</i> (Sooty Oystercatcher)			
182.	24487	<i>Haematopus longirostris</i> (Pied Oystercatcher)			
183.	24293	<i>Haliaeetus leucogaster</i> (White-bellied Sea-Eagle)		IA	
184.	25641	<i>Haliastur indus</i> (Brahminy Kite)			
185.	24294	<i>Haliastur indus</i> subsp. <i>girrenera</i> (Brahminy Kite)			
186.	24295	<i>Haliastur sphenurus</i> (Whistling Kite)			
187.	24296	<i>Hamirostra isura</i> (Square-tailed Kite)			
188.	24297	<i>Hamirostra melanostemon</i> (Black-breasted Buzzard)			
189.	24633	<i>Heteromunia pectoralis</i> (Pictorella Mannikin)			
190.	25734	<i>Himantopus himantopus</i> (Black-winged Stilt)			
191.	24775	<i>Himantopus himantopus</i> subsp. <i>leucocephalus</i> (Black-winged Stilt)			
192.	25555	<i>Hirundapus caudacutus</i> (White-throated Needletail)		IA	Y
193.	24491	<i>Hirundo neoxena</i> (Welcome Swallow)			
194.	25629	<i>Hirundo nigricans</i> (Tree Martin)			
195.	24492	<i>Hirundo nigricans</i> subsp. <i>nigricans</i> (Tree Martin)			
196.	25630	<i>Hirundo rustica</i> (Barn Swallow)		IA	
197.		<i>Hydroprogne caspia</i>			
198.		<i>Irediparra gallinacea</i>			
199.		<i>Ixobrychus dubius</i>			
200.	24347	<i>Ixobrychus flavicollis</i> subsp. <i>australis</i> (Australian Black Bittern)		P1	
201.	25563	<i>Ixobrychus minutus</i> (Little Bittern)		P4	
202.	24367	<i>Lalage tricolor</i> (White-winged Triller)			
203.	25637	<i>Larus novaehollandiae</i> (Silver Gull)			
204.	24511	<i>Larus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Silver Gull)			
205.	25661	<i>Lichmera indistincta</i> (Brown Honeyeater)			
206.	24582	<i>Lichmera indistincta</i> subsp. <i>indistincta</i> (Brown Honeyeater)			
207.	25739	<i>Limicola falcinellus</i> (Broad-billed Sandpiper)		IA	
208.	24794	<i>Limicola falcinellus</i> subsp. <i>sibiricus</i> (Broad-billed Sandpiper)		IA	
209.	24795	<i>Limnodromus semipalmatus</i> (Asian Dowitcher)		IA	
210.	30932	<i>Limosa lapponica</i> (Bar-tailed Godwit)		IA	
211.	42420	<i>Limosa lapponica</i> subsp. <i>baueri</i> (Bar-tailed Godwit (western Alaskan))		T	
212.	24796	<i>Limosa lapponica</i> subsp. <i>menzbieri</i> (Bar-tailed Godwit (northern Siberian))		T	
213.	25741	<i>Limosa limosa</i> (Black-tailed Godwit)		IA	
214.	24797	<i>Limosa limosa</i> subsp. <i>melanuroides</i> (Black-tailed Godwit)		IA	
215.	25683	<i>Lonchura castaneothorax</i> (Chestnut-breasted Mannikin)			
216.		<i>Lonchura maja</i>			Y
217.		<i>Lophoictinia isura</i>			
218.	24691	<i>Macronectes halli</i> (Northern Giant Petrel)			
219.	24326	<i>Malacorhynchus membranaceus</i> (Pink-eared Duck)			
220.		<i>Malurus (Leggeornis) elegans</i>			
221.	25651	<i>Malurus lamberti</i> (Variegated Fairy-wren)			
222.	25653	<i>Malurus melanocephalus</i> (Red-backed Fairy-wren)			
223.	24550	<i>Malurus melanocephalus</i> subsp. <i>cruentatus</i> (Red-backed Fairy-wren)			
224.	24583	<i>Manorina flavigula</i> (Yellow-throated Miner)			
225.	25758	<i>Megalurus gramineus</i> (Little Grassbird)			
226.	25759	<i>Megalurus timoriensis</i> (Tawny Grassbird)			
227.	24585	<i>Melithreptus albigularis</i> (White-throated Honeyeater)			
228.	25665	<i>Melithreptus gularis</i> (Black-chinned Honeyeater)			
229.	24736	<i>Melopsittacus undulatus</i> (Budgerigar)			
230.	24598	<i>Merops ornatus</i> (Rainbow Bee-eater)		IA	
231.		<i>Microcarbo melanoleucos</i>			
232.		<i>Microeca (Microeca) fascians</i>			
233.	25693	<i>Microeca fascians</i> (Jacky Winter)			
234.	25694	<i>Microeca flavigaster</i> (Lemon-breasted Flycatcher)			
235.	24657	<i>Microeca flavigaster</i> subsp. <i>tormenti</i> (Kimberley Flycatcher)			
236.	25542	<i>Milvus migrans</i> (Black Kite)			
237.	24298	<i>Milvus migrans</i> subsp. <i>affinis</i> (Black Kite)			
238.		<i>Mirafra (Mirafra) javanica</i> subsp. <i>halli</i>			
239.	25545	<i>Mirafra javanica</i> (Horsfield's Bushlark, Singing Bushlark)			
240.	24302	<i>Mirafra javanica</i> subsp. <i>horsfieldii</i> (Horsfield's Bushlark, Singing Bushlark)			
241.	25672	<i>Motacilla flava</i> (Yellow Wagtail)		IA	
242.	25610	<i>Myiagra inquieta</i> (Restless Flycatcher)			
243.	24448	<i>Myiagra inquieta</i> subsp. <i>nana</i> (Restless Flycatcher)			
244.	25611	<i>Myiagra rubecula</i> (Leaden Flycatcher)			
245.	25612	<i>Myiagra ruficollis</i> (Broad-billed Flycatcher)			
246.	24450	<i>Myiagra ruficollis</i> subsp. <i>mimikae</i> (Broad-billed Flycatcher)			
247.	25666	<i>Myzomela erythrocephala</i> (Red-headed Honeyeater)			
248.	24590	<i>Myzomela erythrocephala</i> subsp. <i>erythrocephala</i> (Red-headed Honeyeater)			
249.	25684	<i>Neochmia phaeton</i> (Crimson Finch)			
250.	24327	<i>Nettapus pulchellus</i> (Green Pygmy-geese)			

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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
251.	<i>Ninox (Hieracoglaux) connivens subsp. peninsularis</i>			
252.	25747 <i>Ninox connivens</i> (Barking Owl)			
253.	24819 <i>Ninox connivens subsp. connivens</i> (Barking Owl (southwest pop P2), Barking Owl)		P2	
254.	25748 <i>Ninox novaeseelandiae</i> (Boobook Owl)			
255.	24820 <i>Ninox novaeseelandiae subsp. boobook</i> (Boobook Owl)			
256.	24798 <i>Numenius madagascariensis</i> (Eastern Curlew)		T	
257.	<i>Numenius minatus</i>			Y
258.	24799 <i>Numenius minatus</i> (Little Curlew)		IA	
259.	25742 <i>Numenius phaeopus</i> (Whimbrel)		IA	
260.	24800 <i>Numenius phaeopus subsp. variegatus</i> (Whimbrel)		IA	
261.	25564 <i>Nycticorax caledonicus</i> (Rufous Night Heron)			
262.	24350 <i>Nycticorax caledonicus subsp. hilli</i> (Rufous Night Heron)			
263.	24742 <i>Nymphicus hollandicus</i> (Cockatiel)			
264.	24497 <i>Oceanites oceanicus</i> (Wilson's Storm Petrel)		IA	
265.	24407 <i>Ocyphaps lophotes</i> (Crested Pigeon)			
266.	<i>Onychoprion fuscata</i>			
267.	24608 <i>Oriolus sagittatus</i> (Olive-backed Oriole)			
268.	<i>Pachycephala (Alisteromys) lanioides subsp. lanioides</i>			
269.	24620 <i>Pachycephala lanioides</i> (White-breasted Whistler)			
270.	25678 <i>Pachycephala melanura</i> (Mangrove Golden Whistler)			
271.	24621 <i>Pachycephala melanura subsp. melanura</i> (Mangrove Golden Whistler)			
272.	25680 <i>Pachycephala rufiventris</i> (Rufous Whistler)			
273.	<i>Pandion cristatus</i>			
274.	24299 <i>Pandion haliaetus subsp. cristatus</i> (Osprey)			
275.	24627 <i>Pardalotus rubricatus</i> (Red-browed Pardalote)			
276.	25682 <i>Pardalotus striatus</i> (Striated Pardalote)			
277.	24642 <i>Passer montanus</i> (Eurasian Tree Sparrow)	Y		
278.	24674 <i>Pavo cristatus</i> (Common Peafowl, Indian Peafowl)	Y		
279.	24649 <i>Pelecanoides urinatrix subsp. exsul</i> (Common Diving Petrel)			
280.	24648 <i>Pelecanus conspicillatus</i> (Australian Pelican)			
281.	24659 <i>Petroica goodenovii</i> (Red-capped Robin)			
282.	<i>Phalacrocorax (Phalacrocorax) varius</i>			
283.	25697 <i>Phalacrocorax carbo</i> (Great Cormorant)			
284.	24667 <i>Phalacrocorax sulcirostris</i> (Little Black Cormorant)			
285.	25699 <i>Phalacrocorax varius</i> (Pied Cormorant)			
286.	24801 <i>Phalaropus lobatus</i> (Red-necked Phalarope)		IA	
287.	24411 <i>Phaps histrionica</i> (Flock Bronzewing, Flock Pigeon)			
288.	25668 <i>Philemon citreogularis</i> (Little Friarbird)			
289.	24592 <i>Philemon citreogularis subsp. citreogularis</i> (Little Friarbird)			
290.	<i>Philemon sp.</i>			Y
291.	24802 <i>Philomachus pugnax</i> (Ruff)		IA	
292.	24677 <i>Pitta moluccensis</i> (Blue-winged Pitta)			
293.	<i>Platalea (Platalea) regia</i>			
294.	24841 <i>Platalea flavipes</i> (Yellow-billed Spoonbill)			
295.	24842 <i>Platalea regia</i> (Royal Spoonbill)			
296.	24843 <i>Plegadis falcinellus</i> (Glossy Ibis)		IA	
297.	24382 <i>Pluvialis fulva</i> (Pacific Golden Plover)		IA	
298.	24383 <i>Pluvialis squatarola</i> (Grey Plover)		IA	
299.	25703 <i>Podargus strigoides</i> (Tawny Frogmouth)			
300.	24678 <i>Podargus strigoides subsp. phalaenoides</i> (Tawny Frogmouth)			
301.	25704 <i>Podiceps cristatus</i> (Great Crested Grebe)			
302.	24643 <i>Poephila acuticauda</i> (Long-tailed Finch)			
303.	24681 <i>Poliiocephalus poliocephalus</i> (Hoary-headed Grebe)			
304.	24752 <i>Polytelis alexandrae</i> (Princess Parrot)		P4	
305.	25706 <i>Pomatostomus temporalis</i> (Grey-crowned Babbler)			
306.	24684 <i>Pomatostomus temporalis subsp. rubeculus</i> (Grey-crowned Babbler)			
307.	25731 <i>Porphyrio porphyrio</i> (Purple Swamphen)			
308.	24766 <i>Porphyrio porphyrio subsp. melanotus</i> (Purple Swamphen)			
309.	24769 <i>Porzana fluminea</i> (Australian Spotted Crane)			
310.	25732 <i>Porzana pusilla</i> (Baillon's Crane)			
311.	24771 <i>Porzana tabuensis</i> (Spotless Crane)			
312.	<i>Psitteteles versicolor</i>			
313.	30946 <i>Ptilinopus regina subsp. ewingii</i> (Rose-crowned Fruit-dove)			
314.	25725 <i>Ptilonorhynchus nuchalis</i> (Great Bowerbird)			
315.	24758 <i>Ptilonorhynchus nuchalis subsp. nuchalis</i> (Great Bowerbird)			
316.	24715 <i>Puffinus huttoni</i> (Hutton's Shearwater)		T	
317.	24716 <i>Puffinus pacificus</i> (Wedge-tailed Shearwater)		IA	
318.	42344 <i>Purnella albifrons</i> (White-fronted Honeyeater)			
319.	<i>Rallina fascinata</i>			Y
320.	24776 <i>Recurvirostra novaehollandiae</i> (Red-necked Avocet)			

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321.	<i>Rhipidura (Rhipidura) albiscapa</i> subsp. <i>albiscapa</i>			
322.	<i>Rhipidura (Rhipidura) phasiana</i>			
323.	25614 <i>Rhipidura leucophrys</i> (Willie Wagtail)			
324.	24457 <i>Rhipidura phasiana</i> (Mangrove Grey Fantail)			
325.	25616 <i>Rhipidura rufiventris</i> (Northern Fantail)			
326.	<i>Rostratula australis</i>			
327.	24777 <i>Rostratula benghalensis</i> subsp. <i>australis</i> (Australian Painted Snipe)		T	
328.	25605 <i>Scythrops novaehollandiae</i> (Channel-billed Cuckoo)			
329.	30948 <i>Smicrornis brevirostris</i> (Weebill)			
330.	25674 <i>Sphecotheres viridis</i> (Figbird)			
331.	24517 <i>Stercorarius parasiticus</i> (Arctic Skua)		IA	
332.	24520 <i>Sterna anaethetus</i> subsp. <i>anaethetus</i> (Bridled Tern)			
333.	24521 <i>Sterna bengalensis</i> (Lesser Crested Tern)		IA	
334.	24522 <i>Sterna bergii</i> (Crested Tern)			
335.	24523 <i>Sterna caspia</i> (Caspian Tern)		IA	
336.	25640 <i>Sterna dougallii</i> (Roseate Tern)		IA	
337.	24524 <i>Sterna dougallii</i> subsp. <i>gracilis</i> (Roseate Tern)		IA	
338.	24525 <i>Sterna fuscata</i> subsp. <i>nubilosa</i> (Sooty Tern)			
339.	25642 <i>Sterna hirundo</i> (Common Tern)		IA	
340.	24527 <i>Sterna hirundo</i> subsp. <i>longipennis</i> (Common Tern)		IA	
341.	25643 <i>Sterna hybrida</i> (Whiskered Tern)			
342.	24528 <i>Sterna hybrida</i> subsp. <i>javanica</i> (Whiskered Tern)			
343.	24529 <i>Sterna leucoptera</i> (White-winged Black Tern)		IA	
344.	30949 <i>Sterna nilotica</i> (Gull-billed Tern)			
345.	<i>Sternula albifrons</i>			
346.	24482 <i>Stiltia isabellae</i> (Australian Pratincole)			
347.	42348 <i>Stomiopora unicolor</i> subsp. <i>unicolor</i> (White-gaped Honeyeater)			
348.	25752 <i>Sturnus vulgaris</i> (Common Starling)	Y		
349.	42310 <i>Sugomel niger</i> (Black Honeyeater)			
350.	25754 <i>Sula leucogaster</i> (Brown Booby)		IA	
351.	24828 <i>Sula leucogaster</i> subsp. <i>plotus</i> (Brown Booby)		IA	
352.	25705 <i>Tachybaptus novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
353.	24882 <i>Tachybaptus novaehollandiae</i> subsp. <i>novaehollandiae</i> (Australasian Grebe, Black-throated Grebe)			
354.	25552 <i>Tadorna radjah</i> (Radjah Shelduck)			
355.	30872 <i>Taeniopygia bichenovii</i> (Double-barred Finch)			
356.	30873 <i>Taeniopygia bichenovii</i> subsp. <i>annulosa</i> (Double-barred Finch)			
357.	30870 <i>Taeniopygia guttata</i> (Zebra Finch)			
358.	30871 <i>Taeniopygia guttata</i> subsp. <i>castanotis</i> (Zebra Finch)			
359.	<i>Thalasseus bengalensis</i>			
360.	<i>Thalasseus bergii</i>			
361.	24844 <i>Threskiornis molucca</i> (Australian White Ibis)			
362.	24845 <i>Threskiornis spinicollis</i> (Straw-necked Ibis)			
363.	25548 <i>Todiramphus chloris</i> (Collared Kingfisher)			
364.	42351 <i>Todiramphus pyrrhopylus</i> (Red-backed Kingfisher)			
365.	25549 <i>Todiramphus sanctus</i> (Sacred Kingfisher)			
366.	24309 <i>Todiramphus sanctus</i> subsp. <i>sanctus</i> (Sacred Kingfisher)			
367.	<i>Tribonyx ventralis</i>			
368.	25723 <i>Trichoglossus haematodus</i> (Rainbow Lorikeet)			
369.	24754 <i>Trichoglossus haematodus</i> subsp. <i>rubitorquis</i> (Red-collared Lorikeet)			
370.	24804 <i>Tringa cinerea</i> (Terek Sandpiper)		IA	
371.	24806 <i>Tringa glareola</i> (Wood Sandpiper)		IA	
372.	24808 <i>Tringa nebularia</i> (Common Greenshank)		IA	
373.	24810 <i>Tringa totanus</i> (Common Redshank)		IA	
374.	24847 <i>Turnix maculosa</i> subsp. <i>melanota</i> (Red-backed Button-quail)			
375.	24848 <i>Turnix pyrrhorostrax</i> (Red-chested Button-quail)			
376.	<i>Turnix sp.</i>			
377.	24851 <i>Turnix velox</i> (Little Button-quail)			
378.	24852 <i>Tyto alba</i> subsp. <i>delicatula</i> (Barn Owl)			
379.	24853 <i>Tyto capensis</i> subsp. <i>longimembris</i> (Eastern Grass Owl)			
380.	24855 <i>Tyto novaehollandiae</i> subsp. <i>novaehollandiae</i> (Masked Owl (southern subsp.))		P3	
381.	25577 <i>Vanellus miles</i> (Masked Lapwing)			
382.	24386 <i>Vanellus tricolor</i> (Banded Lapwing)			
383.	25765 <i>Zosterops lateralis</i> (Grey-breasted White-eye, Silvereye)			
384.	24857 <i>Zosterops luteus</i> (Yellow White-eye)			
Fish				
385.	??			
386.	<i>Abudefduf bengalensis</i>			
387.	<i>Abudefduf sp.</i>			
388.	<i>Acanthopagrus latus</i>			

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389.	<i>Acanthopagrus palmaris</i>			
390.	<i>Acanthurus dussumieri</i>			
391.	<i>Acanthurus grammoptilus</i>			
392.	<i>Acanthurus olivaceus</i>			
393.	<i>Acentrogobius caninus</i>			
394.	<i>Acentrogobius nebulosus</i>			Y
395.	<i>Acentrogobius</i> sp.			
396.	<i>Acentrogobius viridipunctatus</i>			
397.	<i>Albula argentea</i>			Y
398.	<i>Alectis indica</i>			
399.	<i>Alionemachthys piger</i>			
400.	<i>Ambassis</i> sp.			
401.	<i>Ambassis vachellii</i>			
402.	<i>Amniataba caudavittata</i>			
403.	<i>Amoya gracilis</i>			
404.	<i>Amoya</i> sp.			
405.	<i>Amphiprion rubrocinctus</i>			
406.	<i>Anguilla bicolor</i>			
407.	<i>Antennarius pictus</i>			
408.	<i>Apocryptodon madurensis</i>			
409.	<i>Apocryptodon</i> sp.			
410.	<i>Apogon cookii</i>			
411.	<i>Apogon doederleini</i>			
412.	<i>Apogon pallidofasciatus</i>			
413.	<i>Apogon rueppellii</i>			
414.	<i>Apogon</i> sp.			
415.	<i>Apogonichthyoides timorensis</i>			
416.	<i>Archamia biguttata</i>			
417.	<i>Arius</i> sp.			
418.	<i>Arothron hispidus</i>			
419.	<i>Arothron manilensis</i>			
420.	<i>Arothron stellatus</i>			
421.	<i>Arrhamphus sclerolepis</i>			
422.	<i>Assiculus punctatus</i>			
423.	<i>Atherinomorus endrachtensis</i>			
424.	<i>Atherinosoma</i> sp.			
425.	<i>Atule mate</i>			
426.	<i>Bathygobius fuscus</i>			
427.	<i>Bathygobius parvus</i> (ms)			
428.	<i>Batrachomoeus dahli</i>			
429.	<i>Batrachomoeus occidentalis</i>			
430.	<i>Batrachomoeus</i> sp.			
431.	<i>Blennodesmus scapularis</i>			
432.	<i>Brachysomophis cirrocheilos</i>			
433.	<i>Callogobius</i> sp.			
434.	<i>Caranx bucculentus</i>			
435.	<i>Caranx ignobilis</i>			
436.	<i>Caranx sexfasciatus</i>			
437.	<i>Caranx</i> sp.			
438.	<i>Centriscus scutatus</i>			
439.	<i>Centrogenys vaigiensis</i>			
440.	<i>Cephalopholis boenak</i>			
441.	<i>Chaetodermis penicilligera</i>			
442.	<i>Chaetodon adiergastos</i>			
443.	<i>Chaetodon aureofasciatus</i>			
444.	<i>Chaetodontoplus duboulayi</i>			
445.	<i>Chanos chanos</i>			
446.	<i>Chelmon marginalis</i>			
447.	<i>Chelmon muelleri</i>			
448.	<i>Chelonodon patoca</i>			
449.	<i>Chiloscyllium punctatum</i>			
450.	<i>Chirocentrus dorab</i>			
451.	<i>Choerodon cyanodus</i>			
452.	<i>Choerodon schoenleinii</i>			
453.	<i>Choerodon</i> sp.			
454.	<i>Choeroichthys brachysoma</i>			
455.	<i>Chromileptes altivelis</i>			
456.	<i>Conger cinereus</i>			
457.	<i>Congrogadus spinifer</i>			
458.	<i>Congrogadus subducens</i>			

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459.	<i>Cottapistus</i> sp.			
460.	<i>Craterocephalus capreoli</i>			
461.	<i>Craterocephalus mugiloides</i>			
462.	<i>Craterocephalus pauciradiatus</i>			
463.	<i>Craterocephalus</i> sp.			
464.	<i>Cymbacephalus bosschei</i>			
465.	<i>Cymbacephalus nematophthalmus</i>			
466.	<i>Cymbacephalus</i> sp.			
467.	<i>Cynoglossus maculipinnis</i>			
468.	<i>Cynoglossus</i> sp.			
469.	<i>Cypselurus</i> sp.			
470.	<i>Dampierosa daruma</i>			
471.	<i>Dascyllus</i> sp.			Y
472.	<i>Dinematichthys</i> sp.			
473.	<i>Drepane punctata</i>			
474.	<i>Drombus halei</i>			
475.	<i>Drombus</i> sp.			
476.	<i>Drombus triangularis</i>			
477.	<i>Echeneis naucrates</i>			
478.	<i>Elaeas ransonnetii</i>			
479.	<i>Eleutheronema tetradactylum</i>			
480.	<i>Eleutheronema tetradactylus</i>			
481.	<i>Elops hawaiiensis</i>			
482.	<i>Enneapterygius gracilis</i>			
483.	<i>Enneapterygius larsenae</i>			
484.	<i>Epinephelus areolatus</i>			
485.	<i>Epinephelus bleekeri</i>			
486.	<i>Epinephelus coioides</i>			
487.	<i>Epinephelus corallicola</i>			
488.	<i>Epinephelus fasciatus</i>			
489.	<i>Epinephelus homosinensis (invalid)</i>			
490.	<i>Epinephelus malabaricus</i>			
491.	<i>Epinephelus ongus?</i>			Y
492.	<i>Epinephelus polyphekadion</i>			
493.	<i>Epinephelus quoyanus</i>			
494.	<i>Epinephelus sexfasciatus</i>			
495.	<i>Epinephelus</i> sp.			
496.	<i>Erosa daruma</i>			
497.	<i>Eugnathogobius polyepis</i>			
498.	<i>Euristhmus microceps</i>			
499.	<i>Eusurculus pistillum</i>			
500.	<i>Eviota bimaculata</i>			
501.	<i>Eviota inutilis</i>			
502.	<i>Eviota queenslandica</i>			
503.	<i>Eviota</i> sp.			
504.	<i>Favonigobius melanobranchus</i>			
505.	<i>Favonigobius</i> sp.			
506.	<i>Fistularia petimba</i>			
507.	<i>Fowleria aurita</i>			
508.	Gen. ? sp.			Y
509.	<i>Gerres filamentosus</i>			
510.	<i>Gerres</i> sp.			
511.	<i>Gerres subfasciatus</i>			
512.	<i>Gnathanodon speciosus</i>			
513.	<i>Gymnapogon annona</i>			Y
514.	<i>Gymnapogon</i> sp.			
515.	<i>Gymnothorax favagineus</i>			
516.	<i>Gymnothorax pseudothyroideus</i>			
517.	<i>Gymnothorax undulatus</i>			
518.	<i>Halichoeres melanochir</i>			
519.	<i>Halichoeres nigrescens</i>			
520.	<i>Hallichthys taeniophorus</i>			
521.	<i>Halophryne diemensis</i>			
522.	<i>Halophryne ocellatus</i>			
523.	<i>Haplogenyx kishinouyei</i>			
524.	<i>Hemigobius hoevenii</i>			Y
525.	<i>Hemiramphus far</i>			
526.	<i>Hemiramphus robustus</i>			
527.	<i>Hemiscyllium trispeculare</i>			
528.	<i>Herklotsichthys blackburni</i>			

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529.	<i>Himantura uarnak</i>			
530.	<i>Hippichthys gazella</i> (invalid)			Y
531.	<i>Hippichthys penicillus</i>			
532.	<i>Hippocampus angustus</i>			
533.	<i>Hippocampus planifrons</i>			
534.	<i>Hippocampus</i> sp.			
535.	<i>Hypoatherina temminckii</i>			
536.	<i>Hyporhamphus quoyi</i>			
537.	<i>Ichthyscopus spinosus</i>			
538.	<i>Ilisha striatula</i>			Y
539.	<i>Istiblennius meleagris</i>			
540.	<i>Istiblennius</i> sp.			
541.	<i>Istigobius decoratus</i>			
542.	<i>Istigobius diadema</i>			
543.	<i>Istigobius nigroocellatus</i>			
544.	<i>Istigobius ornatus</i>			
545.	<i>Istigobius</i> sp.			
546.	<i>Istigobius?</i> sp.			
547.	<i>Johnius amblycephalus</i>			
548.	<i>Labracinus lineatus</i>			
549.	<i>Lactoria cornuta</i>			
550.	<i>Laiphognathus multimaculatus</i>			
551.	<i>Lates calcarifer</i>			
552.	<i>Leiognathus equulus</i>			
553.	<i>Leiuranus semicinctus</i>			
554.	<i>Leptobrama muelleri</i>			
555.	<i>Lethrinus laticaudis</i>			
556.	<i>Lethrinus lentjan</i>			
557.	<i>Lethrinus</i> sp.			
558.	<i>Liza alata</i>			
559.	<i>Liza macrolepis</i>			Y
560.	<i>Liza subviridis</i>			
561.	<i>Liza vaigiensis</i>			
562.	<i>Lophiocharon hutchinsi</i>			
563.	<i>Lophiocharon trisignatus</i>			
564.	<i>Lutjanus carponotatus</i>			
565.	<i>Lutjanus erythropterus</i>			
566.	<i>Lutjanus lemniscatus</i>			
567.	<i>Lutjanus malabaricus</i>			
568.	<i>Lutjanus quinquefasciatus</i>			
569.	<i>Lutjanus russellii</i>			
570.	<i>Lutjanus</i> sp.			
571.	<i>Lutjanus vitta</i>			
572.	<i>Marilyna darwinii</i>			
573.	<i>Marilyna meraukensis</i>			
574.	<i>Megalops cyprinoides</i>			
575.	<i>Melanotaenia</i> sp.			
576.	<i>Micrognathus micronotopterus</i>			
577.	<i>Monacanthus chinensis</i>			
578.	<i>Monacanthus</i> sp.			Y
579.	<i>Monothrix mizolepis</i>			Y
580.	<i>Mugil cephalus</i>			
581.	<i>Mugil</i> sp.			
582.	<i>Mugilogobius</i> sp.			
583.	<i>Muraenichthys</i> sp.			
584.	<i>Naso</i> sp.			
585.	<i>Nematalosa come</i>			
586.	<i>Nematalosa</i> sp.			
587.	<i>Nematalosa viaminghi</i>			
588.	<i>Neosilurus hyrtlil</i>			
589.	<i>Netuma proxima</i>			
590.	<i>Netuma thalassina</i>			
591.	<i>Nibea microgenys</i>			Y
592.	<i>Norfolkia</i> sp.			
593.	<i>Notograptus guttatus</i>			
594.	<i>Notograptus</i> sp.			
595.	<i>Omobranchus ferox</i>			
596.	<i>Omobranchus germaini</i>			
597.	<i>Omobranchus lineolatus</i>			
598.	<i>Omobranchus rotundiceps</i>			

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599.	<i>Onuxodon margaritiferae</i>			
600.	<i>Ophichthus altipennis</i>			
601.	<i>Ophichthus rutidoderma</i>			
602.	<i>Ophieleotris aporos</i>			
603.	<i>Opistognathus darwiniensis</i>			
604.	<i>Opistognathus inornatus</i>			
605.	<i>Opistognathus reticulatus</i>			
606.	<i>Oplopomus caninoides</i>			Y
607.	<i>Orectolobus wardi</i>			
608.	<i>Ostorhinchus endekataenia</i>			Y
609.	<i>Ostorhinchus pallidofasciatus</i>			
610.	<i>Ostorhinchus rueppellii</i>			
611.	<i>Ostracion rhinorhynchus</i>			Y
612.	<i>Oxyeleotris</i> sp.			
613.	<i>Palutrus</i> sp.			
614.	<i>Pantolabus radiatus</i>			
615.	<i>Parablennius tasmanianus</i>			
616.	<i>Paracentropogon vespa</i>			
617.	<i>Paradiplagrammus enneactis</i>			
618.	<i>Paramonacanthus choirocephalus</i>			
619.	<i>Paraplagusia bilineata</i>			
620.	<i>Paraplagusia sinerama</i>			
621.	<i>Paraplagusia</i> sp.			
622.	<i>Paraploactis pulvinus</i>			
623.	<i>Paraplotosus albilabris</i>			
624.	<i>Paraplotosus butleri</i>			
625.	<i>Paraplotosus muelleri?</i>			Y
626.	<i>Parascloopsis</i> sp.			
627.	<i>Parascorpaena picta</i>			
628.	<i>Parascorpaena</i> sp.			
629.	<i>Pardachirus pavoninus</i>			
630.	<i>Parupeneus indicus</i>			
631.	<i>Pegasus volitans</i>			
632.	<i>Pempheris ypsilychnus</i>			
633.	<i>Pentapodus emeryii</i>			
634.	<i>Pentapodus porosus</i>			
635.	<i>Periophthalmus argentilineatus</i>			
636.	<i>Periophthalmus darwini</i>			Y
637.	<i>Periophthalmus koelreuteri</i>			
638.	<i>Periophthalmus minutus</i>			
639.	<i>Periophthalmus novaeguineensis</i>			
640.	<i>Periophthalmus</i> sp.			
641.	<i>Petroscirtes lupus</i>			
642.	<i>Petroscirtes</i> sp.			
643.	<i>Pisodonophis cancrivorus</i>			
644.	<i>Platybelone argalus</i>			
645.	<i>Platycephalus indicus</i>			
646.	<i>Platycephalus</i> sp.			
647.	<i>Platycephalus westraliae</i>			
648.	<i>Plectorhinchus multivittatus</i>			
649.	<i>Plectorhinchus unicolor?</i>			Y
650.	<i>Plotosus lineatus</i>			
651.	<i>Polydactylus macrochir</i>			Y
652.	<i>Polydactylus multiradiatus</i>			
653.	<i>Polydactylus sheridani</i>			Y
654.	<i>Pomacanthus sexstriatus</i>			
655.	<i>Pomacentrus milleri</i>			
656.	<i>Pomadasys argenteus</i>			
657.	<i>Prionolepis nuchifasciata</i>			
658.	<i>Prionobutis microps</i>			
659.	<i>Pristis</i> sp.			Y
660.	34037 <i>Pristis zijsron</i> (Green Sawfish)		T	
661.	<i>Psammodiscus ocellatus</i>			
662.	<i>Psammoperca waigiensis</i>			
663.	<i>Pseudochromis fuscus</i>			
664.	<i>Pseudochromis</i> sp.			
665.	<i>Pseudochromis wilsoni</i>			
666.	<i>Pseudogobius</i> sp.			
667.	<i>Pseudomugil cyanodorsalis</i>			
668.	<i>Pseudorhombus arsius</i>			

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669.	<i>Pseudorhombus</i> sp.			
670.	<i>Pterapogon</i> minifca			
671.	<i>Ptereleotris</i> sp.			
672.	<i>Pterois antennata</i>			
673.	<i>Pterois</i> sp.			
674.	<i>Pterois voltans</i>			
675.	<i>Rastrelliger kanagurta</i>			
676.	<i>Remora remora</i>			
677.	<i>Rhina ancylostoma</i>			Y
678.	<i>Rhinobatos</i> sp.			
679.	<i>Salaria sexfilum</i>			
680.	<i>Salaria sexfilum?</i>			Y
681.	<i>Sargocentron rubrum</i>			
682.	<i>Saurida undosquamis</i>			
683.	<i>Scaevius milii</i>			
684.	<i>Scartelaos histophorus</i>			
685.	<i>Scarus ghobban</i>			
686.	<i>Scolecenchelys macroptera</i>			
687.	<i>Scolopsis monogramma</i>			
688.	<i>Scolopsis monogramma?</i>			Y
689.	<i>Scolopsis</i> sp.			
690.	<i>Scomberoides commersonianus</i>			
691.	<i>Scomberoides lysan</i>			
692.	<i>Scomberoides</i> sp.			Y
693.	<i>Scomberoides tol</i>			
694.	<i>Scomberomorus semifasciatus</i>			
695.	<i>Scomberomorus</i> sp.			
696.	<i>Scorpaenopsis neglecta</i>			
697.	<i>Selaroides leptolepis</i>			
698.	<i>Selenotoca multifasciata</i>			
699.	<i>Siganus</i> sp.			
700.	<i>Silhouettea</i> sp.			
701.	<i>Sillago analis</i>			
702.	<i>Sillago burra</i>			
703.	<i>Sillago burrus</i>			
704.	<i>Sillago sihama</i>			
705.	<i>Sillago sihama?</i>			Y
706.	<i>Sillago</i> sp.			
707.	<i>Soleichthys heterorhinos</i>			
708.	<i>Sphyræna putnamae</i>			
709.	<i>Spratelloides delicatulus</i>			
710.	<i>Stolephorus indicus</i>			
711.	<i>Strongylura</i> sp.			
712.	<i>Strongylura strongylura</i>			
713.	<i>Suggrundus</i> sp.			
714.	<i>Synanceia horrida</i>			
715.	<i>Synodus jaculum</i>			
716.	<i>Synodus sageneus</i>			
717.	<i>Taenioides</i> sp.			
718.	<i>Taeniura lymma</i>			
719.	<i>Terapon jarbua</i>			
720.	<i>Terapon puta</i>			
721.	<i>Terapon</i> sp.			
722.	<i>Terapon theraps</i>			
723.	<i>Thunnus orientalis</i>			
724.	<i>Toxotes chatareus</i>			
725.	<i>Trachinocephalus myops</i>			
726.	<i>Tragulichthys jaculiferus</i>			
727.	<i>Trichiurus lepturus</i>			
728.	<i>Trichonotus blochii</i>			
729.	<i>Trichonotus setiger</i>			
730.	<i>Upeneus</i> sp.			
731.	<i>Urogymnus asperimus</i>			
732.	<i>Valamugil buehanani</i>			
733.	<i>Valamugil cunnesius</i>			
734.	<i>Valamugil</i> sp.			Y
735.	<i>Valenciennea allenii</i>			
Invertebrate				
736.	<i>Acanthopleura gemmata</i>			
737.	<i>Acanthopleura spinosa</i>			

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738.	<i>Acrosterigma impolitum</i>			
739.	<i>Acrosterigma</i> sp.			
740.	<i>Actaea peronii</i>			Y
741.	<i>Actaea</i> sp.			Y
742.	<i>Actinocumismis typica</i>			
743.	<i>Actumnus</i> sp.			
744.	<i>Aesopus spiculum</i>			Y
745.	<i>Afroccumismis africana</i>			
746.	<i>Aglaophenia cupressina</i>			
747.	<i>Agrypnus castaneus</i>			Y
748.	<i>Alaba translucida</i>			
749.	<i>Alectryonella plicatula</i>			
750.	<i>Aliculastrum cylindricus</i>			
751.	<i>Allopeas gracile</i>			Y
752.	<i>Alcospira oblonga</i>			
753.	<i>Alpheus edwardsii</i>			Y
754.	<i>Alpheus</i> sp.			
755.	<i>Alpheus strenuus</i>			Y
756.	<i>Alvania</i> sp.			
757.	<i>Amarygmus diaperioides</i>			Y
758.	<i>Amblyomma moreliae</i>			
759.	<i>Amelotopus litoralis</i>			Y
760.	<i>Amoria damonii</i>			
761.	<i>Amoria grayi</i>			
762.	<i>Amoria volva</i>			Y
763.	<i>Amphimetra tessellata</i>			
764.	<i>Amphioplus (Amphichilus) ochroleuca</i>			Y
765.	<i>Amphioplus (Lymanella) depressus</i>			
766.	<i>Amphipholis misera</i>			Y
767.	<i>Amphipholis squamata</i>			
768.	<i>Amphitritides ithya</i>			
769.	<i>Amphitritides</i> sp.			Y
770.	<i>Amphiura (Amphiura) abbreviata</i>			
771.	<i>Amphiura (Amphiura) bidentata</i>			Y
772.	<i>Amphiura (Amphiura) brachyactis</i>			Y
773.	<i>Amphiura (Amphiura) catephes</i>			
774.	<i>Amphiura (Amphiura) constricta</i>			
775.	<i>Amphiura (Amphiura) leucaspis</i>			
776.	<i>Amphiura (Amphiura) septemspinosa</i>			
777.	<i>Amphiura (Amphiura) stictacantha</i>			
778.	<i>Amphiura (Amphiura) velox</i>			
779.	<i>Amphiura (Ophiopeltis) tenuis</i>			
780.	<i>Amphiura</i> sp.			
781.	<i>Anachis</i> sp.			
782.	<i>Anacinetops</i> sp.			Y
783.	<i>Anadara (Anadara) crebricostata</i>			
784.	<i>Anaphothrips sudanensis</i>			
785.	<i>Anchistus</i> sp.			Y
786.	<i>Ancillista cingulata</i>			
787.	<i>Ancillista muscae</i>			
788.	<i>Angaria delphinus</i>			
789.	<i>Angulus armata</i>			
790.	<i>Annachlamys flabellata</i>			
791.	<i>Anodontia philippiana</i>			
792.	<i>Anodontia</i> sp.			
793.	<i>Anomalocardia (Anomalocardia) squamosa</i>			
794.	<i>Anseropoda rosacea</i>			
795.	<i>Anteaeolidiella foulisi</i>			Y
796.	<i>Antherea australiae</i>			
797.	<i>Antherea conjungens</i>			
798.	<i>Antherea elegans</i>			
799.	<i>Antherea polygnatha</i>			Y
800.	<i>Anthenoides dubius</i>			Y
801.	<i>Anthrenocerus australis</i>			
802.	<i>Antigona (Antigona) chemnitzii</i>			
803.	<i>Antigona (Antigona) lamellaris</i>			
804.	<i>Antigona</i> sp.			
805.	<i>Antisabia foliacea</i>			
806.	<i>Aphrodita australis</i>			
807.	<i>Aphrodita kulmaris</i>			

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808.	<i>Aquilonastra coronata</i>			Y
809.	<i>Arachnoides placenta</i>			
810.	<i>Arachnoides tenuis</i>			
811.	<i>Arca navicularis</i>			
812.	<i>Arca patriarchalis</i>			
813.	<i>Arca ventricosa</i>			
814.	<i>Archaster angulatus</i>			
815.	<i>Archimediella fastigiata</i>			
816.	<i>Archimediella sp.</i>			Y
817.	<i>Arcopaginula inflata</i>			
818.	<i>Arcuatula glaberrima</i>			
819.	<i>Arenifodiens vagina</i>			Y
820.	<i>Artema atlanta</i>			
821.	<i>Arthrorhabdus paucispinus</i>			
822.	<i>Asaphis violascens</i>			
823.	<i>Aspella platylaevis</i>			
824.	<i>Astele (Astele) monile</i>			
825.	<i>Astele (Astele) rubiginosum</i>			
826.	<i>Astele (Astele) similare</i>			Y
827.	<i>Astele (Astele) stenomphala</i>			
828.	<i>Astele (Astele) scitulum</i>			Y
829.	<i>Astraliium pileolum</i>			
830.	<i>Astraliium rotularia</i>			
831.	<i>Astraliium stellare</i>			
832.	<i>Astropecten granulatus</i>			
833.	<i>Astropecten monacanthus</i>			
834.	<i>Astropecten sp.</i>			
835.	<i>Astropecten velitaris</i>			
836.	<i>Astropecten zebra</i>			
837.	<i>Atagema sp.</i>			
838.	<i>Atys sp.</i>			
839.	<i>Austracantha minax</i>			
840.	<i>Australobolbus pygmaeus</i>			Y
841.	<i>Austrogammarus haasei</i>			Y
842.	<i>Austrogymnocnemia bipunctata</i>			
843.	<i>Austroliotia australis</i>			
844.	<i>Austrolotia botanica</i>			Y
845.	<i>Austromantispa imbecilla</i>			
846.	<i>Austromitra sp.</i>			
847.	<i>Automate dolichognatha</i>			Y
848.	<i>Backbourkia collina</i>			
849.	<i>Bankia rochi</i>			
850.	<i>Barbatia (Abarbatia) parvivillosa</i>			Y
851.	<i>Barbatia (Barbatia) pistachia</i>			
852.	<i>Barbatia (Barbatirus) cometa</i>			
853.	<i>Barbatia (Cucullaearca) foliata</i>			
854.	<i>Barbatia (Savignyarca) scazon</i>			
855.	<i>Barbatia (Ustularca) amygdalumtostum</i>			
856.	<i>Barbatia sp.</i>			
857.	<i>Belosquilla laevis</i>			
858.	<i>Bhawania sp.</i>			
859.	<i>Bispira sp.</i>			Y
860.	<i>Bistolida brevidentata</i>			
861.	<i>Bistolida hirundo</i>			
862.	<i>Bistolida kieneri</i>			Y
863.	<i>Blasicrura pallidula subsp. rhinoceros</i>			Y
864.	<i>Blasicrura sp.</i>			
865.	<i>Bohadschia marmorata</i>			Y
866.	<i>Booneostrea cucullina</i>			
867.	<i>Boreosaragus confirmatus</i>			
868.	<i>Brachidontes sp.</i>			
869.	<i>Braunsapis falcata</i>			
870.	<i>Brechites (Brechites) australis</i>			
871.	<i>Brechites (Verpa) philippinensis</i>			Y
872.	<i>Bulla ampulla</i>			
873.	<i>Bulla vermicosa</i>			
874.	<i>Bursa granularis</i>			
875.	<i>Cabestana tabulata</i>			
876.	<i>Cacozeliana granarium</i>			
877.	<i>Caecum sp.</i>			

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878.	<i>Calappa philargius</i>			
879.	<i>Calappa sp.</i>			Y
880.	<i>Calliostoma sp.</i>			
881.	<i>Callista (Costacallista) planatella</i>			
882.	<i>Calomela suturalis</i>			
883.	<i>Calomela tarsalis</i>			
884.	<i>Calopia lazeroni</i>			
885.	<i>Calosoma (Australodrepa) schayeri</i>			
886.	<i>Calthalotia arruensis</i>			
887.	<i>Calthalotia sp.</i>			
888.	<i>Camponotus johnciarki</i>			
889.	<i>Cancellaria (Merica) melanostoma subsp. westralis</i>			Y
890.	<i>Cancellaria (merica)</i>			
891.	<i>Cancellaria (sydaphera)</i>			Y
892.	<i>Cantharus sp.</i>			
893.	<i>Capillaster multiradiata</i>			Y
894.	<i>Cardiolucina australopilula</i>			
895.	<i>Cardiolucina sp.</i>			Y
896.	<i>Cardita crassicoستا</i>			
897.	<i>Cardita muricata</i>			
898.	<i>Cardita sp.</i>			
899.	<i>Carenium transversicollie</i>			
900.	<i>Casmaria erinaceus subsp. erinaceus</i>			Y
901.	<i>Cassidula (Cassidula) aurisfelis</i>			
902.	<i>Cassidula (Cassidula) sowerbyana</i>			
903.	<i>Cassidula (Cassidula) doliolum</i>			Y
904.	<i>Castiarina broomensis</i>			Y
905.	<i>Castiarina coccinata</i>			
906.	<i>Catenicella elegans subsp. robusta</i>			Y
907.	<i>Catopsilia scylla subsp. etesia</i>			
908.	<i>Centrocardita squamigera</i>			
909.	<i>Ceradocus sp.</i>			
910.	<i>Ceratoleon mjobergi</i>			
911.	<i>Ceratonereis australis</i>			
912.	<i>Ceratonereis sp.</i>			
913.	<i>Ceratosoma trilobatum</i>			
914.	<i>Cercodemas anceps</i>			
915.	<i>Cerithidea (Cerithidea) largillierii</i>			
916.	<i>Cerithidea (Cerithidea) reidi</i>			
917.	<i>Cerithidea (Cerithideopsilla) cingulata</i>			
918.	<i>Cerithidea sp.</i>			
919.	<i>Cerithium balteatum</i>			
920.	<i>Cerithium coralium</i>			
921.	<i>Cerithium echinatum</i>			
922.	<i>Cerithium novaeollandiae</i>			
923.	<i>Cerithium tenellum</i>			
924.	<i>Cerithium torresi</i>			
925.	<i>Cerithium zonatum</i>			
926.	<i>Chalcophorotaenia australasiae</i>			
927.	<i>Chalcophorotaenia beltanae</i>			
928.	<i>Chalcophorotaenia quadriimpressa</i>			
929.	<i>Chama croceata</i>			Y
930.	<i>Chama lazarus</i>			
931.	<i>Chama limbula</i>			
932.	<i>Chama sp.</i>			
933.	<i>Charybdis (Charybdis) jaubertensis</i>			
934.	<i>Chicoreus (Chicoreus) cornucervi</i>			
935.	<i>Chicoreus (Rhizophorimurex) capucinus</i>			
936.	<i>Chicoreus (Triplex) banksii</i>			
937.	<i>Chicoreus (Triplex) cervicornis</i>			
938.	<i>Chicoreus (Triplex) microphyllus</i>			
939.	<i>Chicoreus (Triplex) torrefactus</i>			
940.	<i>Chicoreus (Triplex) trivialis</i>			
941.	<i>Chicoreus sp.</i>			
942.	<i>Chromodoris lineolata</i>			
943.	<i>Cicindela (Hypaetha) frenchi</i>			
944.	<i>Cicindela (Hypaetha) rafflesia subsp. expansosa</i>			Y
945.	<i>Circe (Circe) scripta</i>			
946.	<i>Circe (Redicirce) sulcata</i>			
947.	<i>Circe (circe)</i>			Y

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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
948.	<i>Circe</i> sp.			
949.	<i>Cirolana mekista</i>			Y
950.	<i>Cirolana</i> sp.			
951.	<i>Cladolabes schmeltzii</i>			Y
952.	<i>Clanculus atropurpureus</i>			
953.	<i>Clanculus margaritarius</i> subsp. <i>margaritarius</i>			
954.	<i>Clanculus septenarius</i>			Y
955.	<i>Clarkcomanthus littoralis</i>			
956.	<i>Clathria</i> (<i>Thalysias</i>) <i>lendenfeldi</i>			
957.	<i>Clementia</i> (<i>Clementia</i>) <i>papyracea</i>			Y
958.	<i>Clibanarius</i> sp.			
959.	<i>Clivina bovilla</i>			Y
960.	<i>Clorida depressa</i>			Y
961.	<i>Clubiona</i> sp.			
962.	<i>Clypeaster telurus</i>			
963.	<i>Clypeomorus batillariaeformis</i>			
964.	<i>Clypeomorus bifasciata</i>			
965.	<i>Clypeomorus petrosa</i> subsp. <i>petrosa</i>			
966.	<i>Clypeomorus</i> sp.			
967.	<i>Clypeomorus subbrevicula</i>			Y
968.	<i>Colochirus crassus</i>			
969.	<i>Colochirus quadrangularis</i>			
970.	<i>Colsynola sericea</i>			
971.	<i>Colubraria janlochi</i>			
972.	<i>Comanthus briareus</i>			
973.	<i>Comanthus parvicirrus</i>			
974.	<i>Comanthus wahlbergii</i>			
975.	<i>Comaster audax</i>			Y
976.	<i>Comaster multifidus</i>			
977.	<i>Comaster</i> sp.			
978.	<i>Comatella maculata</i>			Y
979.	<i>Comatella</i> sp.			Y
980.	<i>Comatella stelligera</i>			
981.	<i>Comatula pectinata</i>			
982.	<i>Comatula rotalaria</i>			Y
983.	<i>Comatula solaris</i>			
984.	<i>Comatula</i> sp.			
985.	<i>Cominella</i> (<i>Cominella</i>) <i>acutinososa</i>			
986.	<i>Complicachlamys wardiana</i>			
987.	<i>Conus achatinus</i>			
988.	<i>Conus anemone</i>			
989.	<i>Conus capitaneus</i>			
990.	<i>Conus chaldaeus</i>			
991.	<i>Conus lividus</i>			
992.	<i>Conus lizardensis</i>			Y
993.	<i>Conus</i> sp.			
994.	<i>Conus spectrum</i>			
995.	<i>Conus terebra</i>			
996.	<i>Conus trigonus</i>			
997.	<i>Conus victoriae</i>			
998.	<i>Corbula</i> (<i>Anisocorbula</i>) <i>taheitensis</i>			
999.	<i>Corbula</i> (<i>Caryocorbula</i>) <i>solidula</i>			Y
1000.	<i>Corbula</i> (<i>Serracorbula</i>) <i>coxi</i>			Y
1001.	<i>Corbula</i> (<i>Serracorbula</i>) <i>crassa</i>			Y
1002.	<i>Corbula</i> sp.			Y
1003.	<i>Cosmophasis baehrae</i>			
1004.	<i>Craspedochiton laqueatus</i>			
1005.	<i>Crematogaster laeviceps</i> subsp. <i>broomensis</i>			
1006.	<i>Creontiades dilutus</i>			
1007.	<i>Crepidula</i> sp.			
1008.	<i>Crociosema plebejana</i>			
1009.	<i>Cronia</i> (<i>Cronia</i>) <i>aurantiaca</i>			
1010.	<i>Cronia</i> (<i>Cronia</i>) <i>avellana</i>			
1011.	<i>Cryptocoeloma haswelli</i>			Y
1012.	<i>Cryptopelta callista</i>			Y
1013.	<i>Cryptotermes secundus</i>			
1014.	<i>Ctena</i> (<i>Ctena</i>) <i>bella</i>			
1015.	<i>Ctenocardia</i> (<i>Ctenocardia</i>) <i>virgo</i>			Y
1016.	<i>Ctenocella pectinata</i>			
1017.	<i>Ctenoides annulata</i>			

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Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
1018.	<i>Cupidoliva nympha</i>			
1019.	<i>Cyclosa camelodes</i>			
1020.	<i>Cydmaea</i> sp.			Y
1021.	<i>Cyllene sulcata</i>			
1022.	<i>Cymatium (Guttarium) muricinum</i>			
1023.	<i>Cymatium (Monoplex) exaratum</i>			
1024.	<i>Cymatium (Monoplex) thersites</i>			
1025.	<i>Cymatium (Monoplex) vespaceum</i>			
1026.	<i>Cymatium (Turritron) labiosum</i>			
1027.	<i>Cymatium (monoplex)</i>			
1028.	<i>Cymatium (turritron)</i>			Y
1029.	<i>Cymbiola nivosa</i>			
1030.	<i>Cyphogastra pistor</i>			Y
1031.	<i>Cyphogastra pistor subsp. pistor</i>			
1032.	<i>Cypraea</i> sp.			
1033.	<i>Cypraea tigris</i>			
1034.	<i>Dardanus</i> sp.			
1035.	<i>Decatopecten radula</i>			
1036.	<i>Demarziella mirifica</i>			
1037.	<i>Dendostrea folium</i>			
1038.	<i>Dendrodois</i> sp.			
1039.	<i>Dentalium (Dentalium) burtonae</i>			Y
1040.	<i>Dentalium (Dentalium) intercalatum</i>			
1041.	<i>Dentalium (Dentalium) javanum</i>			
1042.	<i>Dentalium</i> sp.			
1043.	<i>Dentimargo mayii</i>			Y
1044.	<i>Dermestes (Dermestes) ater</i>			
1045.	<i>Diala lirulata</i>			
1046.	<i>Diala semistriata</i>			
1047.	<i>Dicathais orbita</i>			
1048.	<i>Dictenophiura stellata</i>			
1049.	<i>Dicyathifer marni</i>			
1050.	<i>Dinoderus minutus</i>			
1051.	<i>Dinoderus ocellaris</i>			Y
1052.	<i>Diodora jukesii</i>			
1053.	<i>Diodora singaporensis</i>			
1054.	<i>Diodora</i> sp.			
1055.	<i>Diodora ticaonica</i>			
1056.	<i>Diogenes avarus</i>			
1057.	<i>Diopatra lilliputiana</i>			
1058.	<i>Diopatra maculata</i>			Y
1059.	<i>Diphucrania broomensis</i>			Y
1060.	<i>Distoleon bistrigatus</i>			
1061.	<i>Divalinga bardwelli</i>			Y
1062.	<i>Divalucina cumingi</i>			Y
1063.	<i>Divaricella irplex</i>			
1064.	<i>Dodecaceria</i> sp.			
1065.	<i>Donax (Latona) columbella</i>			
1066.	<i>Donax (Latona) faba</i>			
1067.	<i>Donax (Tentidonax) veruinus</i>			
1068.	<i>Doriopsilla</i> sp.			
1069.	<i>Dorippe quadridens</i>			
1070.	<i>Dosinia deshayesii</i>			
1071.	<i>Dosinia histrio</i>			
1072.	<i>Dosinia incisa</i>			
1073.	<i>Dosinia scalaris</i>			
1074.	<i>Dosinia sculpta</i>			
1075.	<i>Drepanotermes basidens</i>			
1076.	<i>Drepanotermes diversicolor</i>			
1077.	<i>Dromidiopsis australiensis</i>			Y
1078.	<i>Dromidiopsis</i> sp.			
1079.	<i>Drupella rugosa</i>			
1080.	<i>Drupella</i> sp.			
1081.	<i>Dudua aprobola</i>			
1082.	<i>Duplicaria australis</i>			
1083.	<i>Duplicaria crakei</i>			
1084.	<i>Duplicaria duplicata</i>			
1085.	<i>Ebalia</i> sp.			Y
1086.	<i>Echinaster superbus</i>			Y
1087.	<i>Echinaster varicolor</i>			

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1088.	<i>Echinocyamus planissimus</i>			Y
1089.	<i>Echinodiscus auritus</i>			
1090.	<i>Echinogorgia</i> sp.			
1091.	<i>Eglisia tricarinata</i>			
1092.	<i>Elasmus broomensis</i>			Y
1093.	<i>Ellobium (Ellobium) aurisjudae</i>			
1094.	<i>Emarginula</i> sp.			
1095.	<i>Engina curtisiana</i>			
1096.	<i>Enigmonia aenigmatica</i>			Y
1097.	<i>Ennucula superba</i>			Y
1098.	<i>Enochrus (Methydrus) elongatulus</i>			
1099.	<i>Ensiculus cultellus</i>			
1100.	<i>Epicodakia</i> sp.			
1101.	<i>Epitonium (Laeviscala) tacitum</i>			
1102.	<i>Ergalatax margaritcola</i>			
1103.	<i>Ergalatax</i> sp.			
1104.	<i>Eriophora biapicata</i>			
1105.	<i>Erosaria caputserpentis</i>			
1106.	<i>Erosaria helvola</i>			
1107.	<i>Erosaria miliaris</i>			
1108.	<i>Erosaria</i> sp.			
1109.	<i>Erronea caurica</i>			
1110.	<i>Erronea cylindrica</i>			
1111.	<i>Erronea erronea</i>			
1112.	<i>Erronea erronea</i> subsp. <i>erronea</i>			Y
1113.	<i>Erronea pyriformis</i>			
1114.	<i>Erronea</i> sp.			
1115.	<i>Erronea subviridis</i>			
1116.	<i>Erronea subviridis</i> subsp. <i>dorsalis</i>			
1117.	<i>Euchelus atratus</i>			
1118.	<i>Euchelus dampierensis</i>			
1119.	<i>Euchelus rubrus</i>			
1120.	<i>Euchelus</i> sp.			
1121.	<i>Eucrassatella pulchra</i>			
1122.	<i>Eucrassatella</i> sp.			
1123.	<i>Eucrate</i> sp.			Y
1124.	<i>Eulima acutissima</i>			Y
1125.	<i>Eunaticina papilla</i>			
1126.	<i>Euplica</i> sp.			
1127.	<i>Euploea corinna</i>			
1128.	<i>Eupoecila australasiae</i>			Y
1129.	<i>Euprotomus vomer</i> subsp. <i>iredalei</i>			
1130.	<i>Euretaster insignis</i>			
1131.	<i>Euryale aspera</i>			
1132.	<i>Euryglossina (Euryglossina) storeyi</i>			Y
1133.	<i>Euthelepus marchinbar</i>			Y
1134.	<i>Euxanthus huoni</i>			Y
1135.	<i>Fibulariella oblonga</i>			
1136.	<i>Fimbria sowerbyi</i>			
1137.	<i>Finella pupoides</i>			
1138.	<i>Finella</i> sp.			
1139.	<i>Fragum fragum</i>			
1140.	<i>Fragum unedo</i>			
1141.	<i>Fultodromia spinifera</i>			Y
1142.	<i>Fulvia (Fulvia) aperta</i>			
1143.	<i>Fusinus (Fusinus) australis</i>			
1144.	<i>Fusinus (Fusinus) colus</i>			
1145.	<i>Fusinus</i> sp.			
1146.	<i>Gabbia kendricki</i>			
1147.	<i>Gafrarium</i> sp.			
1148.	<i>Gafrarium tumidum</i>			
1149.	<i>Gari (Gari) lessoni</i>			
1150.	<i>Gari (Psammobia) amethystus</i>			
1151.	<i>Gari (gari)</i>			Y
1152.	<i>Gazameda gunnii</i>			Y
1153.	<i>Gazameda</i> sp.			
1154.	<i>Geckomima gecko</i>			
1155.	<i>Glauconome cerea</i>			
1156.	<i>Glauconome rugosa</i>			
1157.	<i>Glauconome</i> sp.			Y

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1158.	<i>Glenoleon annulatus</i>			
1159.	<i>Glossodoris</i> sp.			Y
1160.	<i>Glycera subaenea</i>			Y
1161.	<i>Glycera tridactyla</i>			Y
1162.	<i>Glycinde bonhourei</i>			Y
1163.	<i>Glycymeris (Glycymeris) dampierensis</i>			Y
1164.	<i>Glycymeris (Glycymeris) persimilis</i>			
1165.	<i>Gomphina (Gomphina) undulosa</i>			
1166.	<i>Goniodiscaster acanthodes</i>			
1167.	<i>Goniodiscaster australiae</i>			Y
1168.	<i>Gonocephalum meyricki</i>			
1169.	<i>Gonodactylus chiragra</i>			
1170.	<i>Gonodactylus</i> sp.			
1171.	<i>Graptacme aciculum</i>			
1172.	<i>Gymnanthenea globigera</i>			
1173.	<i>Gyraulus (Gyraulus) essingtonensis</i>			
1174.	<i>Gyrineum lacunatum</i>			
1175.	<i>Haliclona (Gellius) cymaeformis</i>			
1176.	<i>Haliotis asinina</i>			
1177.	<i>Haliotis roei</i>			
1178.	<i>Haliotis</i> sp.			
1179.	<i>Haliotis squamata</i>			
1180.	<i>Haliotis varia</i>			
1181.	<i>Hapalochlaena</i> sp.			
1182.	<i>Haploscapanes barbarossa</i>			Y
1183.	<i>Harmonia octomaculata</i>			
1184.	<i>Harmothoe</i> sp.			
1185.	<i>Hastula (Hastula) rufopunctata</i>			
1186.	<i>Hathlodes (Hathlodes) costulatus</i>			Y
1187.	<i>Haustellum multiplicatus</i>			Y
1188.	<i>Havelockia versicolor</i>			
1189.	<i>Helicoverpa punctigera</i>			
1190.	<i>Heliothis punctifera</i>			
1191.	<i>Hemidonax arafurensis</i>			
1192.	<i>Hemipodia simplex</i>			Y
1193.	<i>Hemithyone semperi</i>			Y
1194.	<i>Heoclisia acuta</i>			
1195.	<i>Heoclisia fundata</i>			
1196.	<i>Heoclisia</i> sp.			
1197.	<i>Herpetopoma aspersus</i>			
1198.	<i>Heterometra crenulata</i>			Y
1199.	<i>Heterometra</i> sp.			
1200.	<i>Heteropoda renibulbis</i>			
1201.	<i>Hexaplex stainforthi</i>			
1202.	<i>Hiatella</i> sp.			
1203.	<i>Hippopodina feegeensis</i>			
1204.	<i>Hispelinus multispinosus</i>			Y
1205.	<i>Histocidaris elegans</i>			Y
1206.	<i>Hogna crispipes</i>			
1207.	<i>Holothuria (Lessonothuria) lineata</i>			Y
1208.	<i>Holothuria (Lessonothuria) pardalis</i>			
1209.	<i>Holothuria (Mertensiothuria) hilla</i>			
1210.	<i>Holothuria (Mertensiothuria) leucospilota</i>			
1211.	<i>Holothuria (Stauropora) modesta</i>			
1212.	<i>Holothuria (Thymiosycia) arenicola</i>			
1213.	<i>Holothuria (Thymiosycia) impatiens</i>			
1214.	<i>Holothuria</i> sp.			
1215.	<i>Homalictus (Homalictus) exleyae</i>			
1216.	<i>Homalocantha secunda</i>			
1217.	<i>Hyastenus convexus</i>			
1218.	<i>Hyastenus elatus</i>			
1219.	<i>Hyastenus</i> sp.			
1220.	<i>Hybochelus cancellatus</i>			
1221.	<i>Hydroides albiceps</i>			
1222.	<i>Hydroides minax</i>			
1223.	<i>Hydroides rectus</i>			Y
1224.	<i>Hydroides</i> sp.			
1225.	<i>Hydroides tuberculatus</i>			
1226.	<i>Hyotissa hyotis</i>			
1227.	<i>Hypaulax ampliata</i>			

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1228.	<i>Hypaulax tenuistriata</i>			Y
1229.	<i>Hypselodoris</i> sp.			
1230.	<i>Ianthella flabelliformis</i>			
1231.	<i>Idanthysus australiensis</i>			
1232.	<i>Ilyoplax strigicarpus</i>			
1233.	<i>Indianastra sarasini</i>			
1234.	<i>Inquisitor dampierius</i>			
1235.	<i>Inquisitor formidabilis</i>			Y
1236.	<i>Inquisitor lassulus</i>			
1237.	<i>Inquisitor</i> sp.			Y
1238.	<i>Iphone muricata</i>			
1239.	<i>Iphone ovata</i>			
1240.	<i>Iravadia (fairbankia)</i>			
1241.	<i>Iravadia (fluvicicula)</i>			
1242.	<i>Iravadia</i> sp.			
1243.	<i>Iridomyrmex anceps</i>			
1244.	<i>Iridomyrmex hartmeyer</i>			
1245.	<i>Iridomyrmex minor</i>			
1246.	<i>Iridomyrmex mjobergi</i>			
1247.	<i>Iridomyrmex roseatus</i>			
1248.	<i>Iridomyrmex sanguineus</i>			
1249.	<i>Iridomyrmex</i> sp.			
1250.	<i>Irus (Irus) irus</i>			
1251.	<i>Ischnochiton (Ischnochiton) luficolens</i>			Y
1252.	<i>Ischnochiton</i> sp.			
1253.	<i>Isidorella newcombi</i>			
1254.	<i>Isognomon ephippium</i>			
1255.	<i>Isognomon isognomum</i>			
1256.	<i>Isognomon legumen</i>			
1257.	<i>Isognomon nucleus</i>			Y
1258.	<i>Isognomon</i> sp.			
1259.	<i>Isometrus maculatus</i>			Y
1260.	<i>Isopodella castanea</i>			
1261.	<i>Italochrysa insignis</i>			
1262.	<i>Janthina janthina</i>			
1263.	<i>Japonacteon suturalis</i>			
1264.	<i>Jolya elongata</i>			
1265.	<i>Jorunna funebris</i>			
1266.	<i>Laciolina sowerbii</i>			
1267.	<i>Lactiforis tropicalis</i>			
1268.	<i>Laemodonta (Laemodonta) octanfracta</i>			
1269.	<i>Laevichlamys squamosa</i>			
1270.	<i>Laevidentium lubricatum</i>			
1271.	<i>Laevidentium marshae</i>			Y
1272.	<i>Lambis (Harpago) chiragra</i>			
1273.	<i>Lambis (Lambis) lambis</i>			
1274.	<i>Lamellaria</i> sp.			Y
1275.	<i>Lamellolucina pilbara</i>			
1276.	<i>Lamprometra palmata</i>			
1277.	<i>Lamprometra</i> sp.			Y
1278.	<i>Lanice bidewa</i>			
1279.	<i>Lanicola lobata</i>			
1280.	<i>Laternula (Laternula) anatina</i>			
1281.	<i>Laternula (Laternula) valenciennesii</i>			Y
1282.	<i>Latirus belcheri</i>			Y
1283.	<i>Latirus paetelianus</i>			
1284.	<i>Latirus polygonus</i>			
1285.	<i>Latirus</i> sp.			
1286.	<i>Latirus walkeri</i>			
1287.	<i>Latrodectus geometricus</i>			
1288.	<i>Latrodectus hasseltii</i>			
1289.	<i>Leiosolenus (Leiosolenus) malaccanus</i>			
1290.	<i>Lepidasthenia</i> sp.			
1291.	<i>Lepidiota bakkeri</i>			Y
1292.	<i>Lepidonotus adspersus</i>			
1293.	<i>Lepidonotus carinulatus</i>			
1294.	<i>Lepidonotus glaucus</i>			
1295.	<i>Lepidonotus</i> sp.			
1296.	<i>Lepidonotus yorkianus</i>			
1297.	<i>Lepsiella (bedeva)</i>			

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1298.	<i>Leptodius</i> sp.			
1299.	<i>Leptograpsus</i> sp.			Y
1300.	<i>Leptomys</i> (<i>Leptomys</i>) <i>psittacus</i>			
1301.	<i>Leptopentacta</i> <i>gnisea</i>			
1302.	<i>Leptopius</i> sp.			
1303.	<i>Leptosynapta</i> <i>latipatina</i>			Y
1304.	<i>Leucosia</i> <i>anatum</i>			Y
1305.	<i>Leucosia</i> <i>ocellata</i>			Y
1306.	<i>Liloea</i> sp.			
1307.	<i>Lima</i> (<i>Lima</i>) <i>nimbifer</i>			
1308.	<i>Lima</i> (<i>Lima</i>) <i>vulgaris</i>			
1309.	<i>Lima</i> sp.			
1310.	<i>Limaria</i> (<i>Limaria</i>) <i>basiliana</i>			Y
1311.	<i>Limopsis</i> (<i>Oblimopa</i>) <i>macgillivrayi</i>			Y
1312.	<i>Limopsis</i> (<i>limopsis</i>)			Y
1313.	<i>Lincxia</i> <i>guldingi</i>			
1314.	<i>Lioconcha</i> (<i>Lioconcha</i>) <i>fastigiata</i>			
1315.	<i>Liomera</i> sp.			
1316.	<i>Liotina</i> <i>peronii</i>			
1317.	<i>Lissophiothrix</i> <i>delicata</i>			Y
1318.	<i>Littoraria</i> (<i>Littorinopsis</i>) <i>cingulata</i>			Y
1319.	<i>Littoraria</i> (<i>Littorinopsis</i>) <i>cingulata</i> subsp. <i>cingulata</i>			
1320.	<i>Littoraria</i> (<i>Littorinopsis</i>) <i>filosa</i>			
1321.	<i>Littoraria</i> (<i>Littorinopsis</i>) <i>scabra</i>			
1322.	<i>Littoraria</i> (<i>Palustorina</i>) <i>articulata</i>			
1323.	<i>Littoraria</i> (<i>Palustorina</i>) <i>sulculosa</i>			Y
1324.	<i>Lobophytum</i> <i>crebriplicatum</i>			Y
1325.	<i>Loimia</i> <i>ingens</i>			
1326.	<i>Loimia</i> <i>ochracea</i>			
1327.	<i>Lophiotoma</i> <i>acuta</i>			Y
1328.	<i>Lophioturris</i> <i>indica</i>			
1329.	<i>Lophozozymus</i> <i>pictor</i>			
1330.	<i>Lophozozymus</i> sp.			
1331.	<i>Luidia</i> sp.			
1332.	<i>Lunulicardia</i> <i>hemicardium</i>			
1333.	<i>Lunulicardia</i> <i>retusum</i>			
1334.	<i>Lyctoxylon</i> sp.			Y
1335.	<i>Lyncina</i> <i>lynx</i>			
1336.	<i>Lyncina</i> <i>vitellus</i>			
1337.	<i>Lysidice</i> <i>ninetta</i>			
1338.	<i>Macoma</i> (<i>Macoma</i>) <i>praetexta</i>			Y
1339.	<i>Macoma</i> (<i>Psammacoma</i>) <i>consociata</i>			Y
1340.	<i>Macoma</i> (<i>Salmacoma</i>) <i>vappa</i>			Y
1341.	<i>Macrognathotermes</i> sp.			
1342.	<i>Macrophiothrix</i> <i>belli</i>			
1343.	<i>Macrophiothrix</i> <i>caenosa</i>			
1344.	<i>Macrophiothrix</i> <i>longipeda</i>			
1345.	<i>Macrophiothrix</i> <i>megapoma</i>			
1346.	<i>Macrophiothrix</i> <i>paucispina</i>			
1347.	<i>Macrophthalmus</i> (<i>Macrophthalmus</i>) <i>crassipes</i>			
1348.	<i>Macrophthalmus</i> sp.			
1349.	<i>Macrorhynchia</i> sp.			
1350.	<i>Macroschisma</i> <i>producta</i>			
1351.	<i>Macroschisma</i> <i>tasmaniae</i>			
1352.	<i>Mactra</i> (<i>Electomactra</i>) <i>antecedens</i>			
1353.	<i>Mactra</i> (<i>Mactra</i>) <i>abbreviata</i>			
1354.	<i>Mactra</i> (<i>Mactra</i>) <i>cumingii</i>			
1355.	<i>Mactra</i> (<i>Mactra</i>) <i>grandis</i>			Y
1356.	<i>Mactra</i> (<i>Mactra</i>) <i>incarnata</i>			
1357.	<i>Mactra</i> (<i>Mactra</i>) <i>luzonica</i>			Y
1358.	<i>Mactra</i> (<i>Mactra</i>) <i>olorina</i>			Y
1359.	<i>Mactra</i> (<i>Mactra</i>) <i>sericea</i>			
1360.	<i>Mactra</i> sp.			
1361.	<i>Mallada</i> <i>innotatus</i>			
1362.	<i>Malleus</i> <i>meridianis</i>			
1363.	<i>Malleus</i> <i>regulus</i>			
1364.	<i>Mancinella</i> <i>echinata</i>			
1365.	<i>Mancinella</i> sp.			
1366.	<i>Mancinella</i> <i>tuberosa</i>			Y
1367.	<i>Marcia</i> (<i>Hemitapes</i>) <i>hiantina</i>			

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1368.	<i>Mastoterms</i> sp.			
1369.	<i>Matuta planipes</i>			
1370.	<i>Mauritia arabica</i>			
1371.	<i>Mauritia arabica</i> subsp. <i>arabica</i>			
1372.	<i>Mauritia depressa</i>			
1373.	<i>Mauritia eglantina</i>			
1374.	<i>Mauritia histrio</i>			
1375.	<i>Mauritia mauritiana</i>			
1376.	<i>Mauritia</i> sp.			
1377.	<i>Medaeops granulosus</i>			Y
1378.	<i>Medaeus</i> sp.			Y
1379.	<i>Megacardita</i> cf. <i>incrassata</i>			
1380.	<i>Megacardita nodulosa</i>			
1381.	<i>Megacardita</i> sp.			
1382.	<i>Megacephala australasiae</i>			
1383.	<i>Megacephala basalis</i>			
1384.	<i>Megacephala bostockii</i>			Y
1385.	<i>Megacephala hopei</i>			Y
1386.	<i>Megamerus</i> sp.			
1387.	<i>Melampus</i> (<i>Melampus</i>) <i>flexuosus</i>			
1388.	<i>Melampus</i> (<i>Melampus</i>) <i>ovuloides</i>			
1389.	<i>Melampus</i> (<i>Signia</i>) <i>granifera</i>			
1390.	<i>Melanella martinii</i>			
1391.	<i>Melanella</i> sp.			
1392.	<i>Melo amphora</i>			
1393.	<i>Melo</i> sp.			
1394.	<i>Mensamaria intercedens</i>			
1395.	<i>Merimna atrata</i>			
1396.	<i>Merisca piratica</i>			
1397.	<i>Meropesta nicobarica</i>			
1398.	<i>Mesoginella australis</i>			
1399.	<i>Metrodora subulata</i>			
1400.	<i>Micippa</i> sp.			Y
1401.	<i>Micippa thalia</i>			
1402.	<i>Microcerotermes</i> sp.			
1403.	<i>Micropholcus fauroti</i>			Y
1404.	<i>Microprosthemus validum</i>			
1405.	<i>Microtragus senex</i>			
1406.	<i>Mictyris occidentalis</i>			
1407.	<i>Mimachlamys funebris</i>			Y
1408.	<i>Mimachlamys scabricostata</i>			
1409.	<i>Mimachlamys</i> sp.			
1410.	<i>Minthea rugicollis</i>			Y
1411.	<i>Missulena occatoria</i>			
1412.	<i>Mitra</i> (<i>Mitra</i>) <i>mitra</i>			
1413.	<i>Mitra</i> (<i>Mitra</i>) <i>variabilis</i>			
1414.	<i>Mitra</i> (<i>Nebularia</i>) <i>sowerbyi</i> subsp. <i>melvilli</i>			
1415.	<i>Mitrella</i> (<i>Dentimitrella</i>) <i>austrina</i>			
1416.	<i>Mitrella</i> (<i>Graphicomassa</i>) <i>puella</i>			
1417.	<i>Mitrella</i> (<i>Mitrella</i>) <i>essingtonensis</i>			
1418.	<i>Modiolus auriculatus</i>			
1419.	<i>Modiolus moduloides</i>			Y
1420.	<i>Modiolus philippinarum</i>			
1421.	<i>Monetaria annulus</i>			
1422.	<i>Monetaria moneta</i>			
1423.	<i>Monetaria</i> sp.			
1424.	<i>Monilea callifera</i>			
1425.	<i>Monocentrum macros</i>			Y
1426.	<i>Monodonta labio</i>			
1427.	<i>Monomorium destructor</i>			
1428.	<i>Monomorium fieldi</i>			
1429.	<i>Monomorium laeve</i>			
1430.	<i>Montfortula pulchra</i>			
1431.	<i>Mopsea</i> sp.			
1432.	<i>Mopsus mormon</i>			
1433.	<i>Moridilla brockii</i>			
1434.	<i>Morula</i> (<i>Morula</i>) <i>granulata</i>			
1435.	<i>Morula</i> (<i>Morula</i>) <i>marginalba</i>			
1436.	<i>Morula</i> (<i>morula</i>)			
1437.	<i>Morula</i> sp.			

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1438.	<i>Murex (Murex) acanthostephes</i>			
1439.	<i>Murex (Murex) brevispina subsp. macgillivrayi</i>			
1440.	<i>Musculus (Modiolarca) impactus</i>			
1441.	<i>Myadora complexa</i>			Y
1442.	<i>Myadora ovata</i>			Y
1443.	<i>Myra mammillaris</i>			Y
1444.	<i>Myra sp.</i>			Y
1445.	<i>Nassaria (Nassaria) acuminata</i>			
1446.	<i>Nassarius (Alectron) glans</i>			
1447.	<i>Nassarius (Alectron) glans subsp. glans</i>			
1448.	<i>Nassarius (Alectron) glans subsp. particeps</i>			
1449.	<i>Nassarius (Alectron) papillosus</i>			Y
1450.	<i>Nassarius (Hima) pauperus</i>			
1451.	<i>Nassarius (Nassarius) arcularia subsp. arcularia</i>			Y
1452.	<i>Nassarius (Nassarius) coronatus</i>			Y
1453.	<i>Nassarius (Niotha) albescens</i>			
1454.	<i>Nassarius (Niotha) albinus</i>			
1455.	<i>Nassarius (Niotha) conoidalis</i>			Y
1456.	<i>Nassarius (Telasco) reeveanus</i>			Y
1457.	<i>Nassarius (Telasco) sufflatus</i>			
1458.	<i>Nassarius (Zeuxis) algidus</i>			
1459.	<i>Nassarius (Zeuxis) bicallosus</i>			
1460.	<i>Nassarius (Zeuxis) celebensis</i>			
1461.	<i>Nassarius (Zeuxis) clarus</i>			
1462.	<i>Nassarius (Zeuxis) concinnus</i>			Y
1463.	<i>Nassarius (Zeuxis) crematus</i>			
1464.	<i>Nassarius (Zeuxis) dorsatus</i>			
1465.	<i>Nassarius (Zeuxis) fraudator</i>			
1466.	<i>Nassarius (hima)</i>			
1467.	<i>Nassarius sp.</i>			
1468.	<i>Natica fasciata</i>			
1469.	<i>Naticarius collei</i>			
1470.	<i>Neanthes sp.</i>			
1471.	<i>Nembrotha livingstonei</i>			
1472.	<i>Nembrotha purpureolineata</i>			Y
1473.	<i>Neoechinorhynchus (Neoechinorhynchus) topseyi</i>			Y
1474.	<i>Neoscona theisii</i>			
1475.	<i>Neotrapezium sublaevigatum</i>			
1476.	<i>Neotrigonia lamarckii</i>			Y
1477.	<i>Neotrigonia margaritacea</i>			
1478.	<i>Neotrigonia sp.</i>			
1479.	<i>Neotrigonia uniophora</i>			
1480.	<i>Nepanthia belcheri</i>			
1481.	<i>Nepanthia maculata</i>			Y
1482.	<i>Nephila edulis</i>			
1483.	<i>Nereis sp.</i>			
1484.	<i>Nerita (Linnerita) polita</i>			
1485.	<i>Nerita (Melanerita) atramentosa</i>			
1486.	<i>Nerita (Ritena) balteata</i>			
1487.	<i>Nerita (Ritena) undata</i>			
1488.	<i>Nerita (Theliostyla) albicilla</i>			
1489.	<i>Nerita (Theliostyla) chamaeleon</i>			
1490.	<i>Nerita (Theliostyla) squamulata</i>			
1491.	<i>Nerita sp.</i>			
1492.	<i>Notocistela pustulata</i>			
1493.	<i>Notocochlis gualteriana</i>			
1494.	<i>Notocypraea comptoni</i>			
1495.	<i>Novactaea michaelsoni</i>			Y
1496.	<i>Nudechinus darnleyensis</i>			
1497.	<i>Nudechinus scotiopremnus</i>			
1498.	<i>Octopus sp.</i>			
1499.	<i>Odontomachus ruficeps</i>			
1500.	<i>Odontomachus sp.</i>			
1501.	<i>Oecobius marathaus</i>			
1502.	<i>Ogyris amaryllis</i>			
1503.	<i>Oligometrides adeonae</i>			
1504.	<i>Olindias sp.</i>			Y
1505.	<i>Oliva australis</i>			
1506.	<i>Oliva brettinghami</i>			
1507.	<i>Oliva caerulea</i>			

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1508.	<i>Oliva ornata</i>			
1509.	<i>Oliva</i> sp.			
1510.	<i>Omorgus</i> (<i>Omorgus</i>) <i>crotchii</i>			
1511.	<i>Onchidium</i> sp.			
1512.	<i>Onthophagus carmodensis</i>			Y
1513.	<i>Onthophagus consentaneus</i>			
1514.	<i>Onthophagus ferox</i>			
1515.	<i>Onthophagus laminatus</i>			
1516.	<i>Onthophagus latro</i>			
1517.	<i>Onthophagus murchisoni</i>			
1518.	<i>Onthophagus parvus</i>			
1519.	<i>Onthophagus quadripustulatus</i>			
1520.	<i>Onthophagus</i> sp.			
1521.	<i>Oodes waterhousei</i>			
1522.	<i>Ophiactis fuscolineata</i>			
1523.	<i>Ophiactis luteomaculata</i>			Y
1524.	<i>Ophiactis macrolepidota</i>			
1525.	<i>Ophiactis modesta</i>			
1526.	<i>Ophiactis savignyi</i>			
1527.	<i>Ophiactis</i> sp.			
1528.	<i>Ophiarachnella gorgonia</i>			
1529.	<i>Ophiarachnella infernalis</i>			Y
1530.	<i>Ophiarachnella</i> sp.			
1531.	<i>Ophiarachnella sphenisci</i>			
1532.	<i>Ophiocentrus verticillatus</i>			
1533.	<i>Ophiocasma stellata</i>			
1534.	<i>Ophiocnemis marmorata</i>			
1535.	<i>Ophioconis cincta</i>			Y
1536.	<i>Ophiolepis unicolor</i>			
1537.	<i>Ophiomaza cacaotica</i>			
1538.	<i>Ophionereis dubia</i>			
1539.	<i>Ophionereis semoni</i>			
1540.	<i>Ophioplocus imbricatus</i>			
1541.	<i>Ophiothela danae</i>			
1542.	<i>Ophiothrix</i> (<i>Keystonea</i>) <i>martensi</i>			
1543.	<i>Ophiothrix</i> (<i>Keystonea</i>) <i>martensi</i> subsp. <i>australis</i>			
1544.	<i>Ophiothrix</i> (<i>Ophiothrix</i>) <i>ciliaris</i>			
1545.	<i>Ophiothrix</i> (<i>Ophiothrix</i>) <i>exigua</i>			Y
1546.	<i>Ophiothrix</i> (<i>Ophiothrix</i>) <i>plana</i>			Y
1547.	<i>Ophiothrix</i> (<i>Placophiothrix</i>) <i>lineocaeerulea</i>			
1548.	<i>Ophiothrix</i> (<i>Placophiothrix</i>) <i>melanosticta</i>			
1549.	<i>Ophiothrix</i> sp.			
1550.	<i>Ophiura</i> (<i>Ophiura</i>) <i>kinbergi</i>			Y
1551.	<i>Ophiura</i> sp.			
1552.	<i>Opisthopsis haddoni</i> subsp. <i>haddoni</i>			
1553.	<i>Opisthopsis</i> sp.			
1554.	<i>Orania</i> sp.			
1555.	<i>Orcus punctulatus</i>			Y
1556.	<i>Palmadusta clandestina</i>			
1557.	<i>Palmadusta clandestina</i> subsp. <i>candida</i>			
1558.	<i>Palmadusta lutea</i>			
1559.	<i>Paphia</i> (<i>Paphia</i>) <i>crassiuscula</i>			
1560.	<i>Paphia</i> (<i>Paphia</i>) <i>seminugata</i>			
1561.	<i>Paphia</i> (<i>Paphia</i>) <i>undulata</i>			
1562.	<i>Paphia</i> sp.			
1563.	<i>Paphies</i> (<i>Amesodesma</i>) <i>elongata</i>			
1564.	<i>Paphies</i> (<i>Atactodea</i>) <i>heterodon</i>			
1565.	<i>Paphies</i> (<i>Atactodea</i>) <i>striata</i>			
1566.	<i>Papilio</i> (<i>Princeps</i>) <i>fuscus</i> subsp. <i>canopus</i>			Y
1567.	<i>Papyrus</i> sp.			
1568.	<i>Paracaudina chilensis</i>			Y
1569.	<i>Paradyte crinoidicola</i>			
1570.	<i>Paraleonnates bolus</i>			
1571.	<i>Paralepidonotus ampuliferus</i>			
1572.	<i>Paramoera</i> sp.			
1573.	<i>Paratrechina longicornis</i>			
1574.	<i>Parroa howittii</i>			
1575.	<i>Patella</i> (<i>scutellastra</i>)			
1576.	<i>Patelloida cryptalirata</i>			
1577.	<i>Patelloida mimula</i>			

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1578.	<i>Patelloida saccharina</i> subsp. <i>stella</i>			
1579.	<i>Patro australis</i>			
1580.	<i>Peasiella lutulenta</i>			
1581.	<i>Pectinophora gossypiella</i>			
1582.	<i>Penion mandarinus</i>			
1583.	<i>Periglypta reticulata</i>			
1584.	<i>Perinereis aibuhitensis</i>			
1585.	<i>Perinereis helleri</i>			
1586.	<i>Perinereis nigropunctata</i>			
1587.	<i>Perinereis singaporiensis</i>			
1588.	<i>Peristernia reincarnata</i>			
1589.	<i>Peristernia</i> sp.			Y
1590.	<i>Peronella lesueuri</i>			
1591.	<i>Peronella orbicularis</i>			
1592.	<i>Peronella tuberculata</i>			
1593.	<i>Petraliella</i> sp.			
1594.	<i>Petricola (Petricola) divergens</i>			
1595.	<i>Phalangipus australiensis</i>			Y
1596.	<i>Phalium bandatum</i> subsp. <i>bandatum</i>			Y
1597.	<i>Phanerophthalmus</i> sp.			Y
1598.	<i>Phascolosoma (Phascolosoma) nigrescens</i>			
1599.	<i>Phasianotrochus eximius</i>			
1600.	<i>Phasianotrochus irisodontes</i>			
1601.	<i>Phenacovolva rosea</i>			Y
1602.	<i>Pheropsophus verticalis</i>			
1603.	<i>Philine angasi</i>			
1604.	<i>Philine cf. aperta</i>			Y
1605.	<i>Philocheilus brucei</i>			Y
1606.	<i>Philyra</i> sp.			Y
1607.	<i>Phos (Phos) sculpilis</i>			
1608.	<i>Phos (Phos) senticosus</i>			
1609.	<i>Phyllacanthus longispinus</i>			
1610.	<i>Phyllidiella pustulosa</i>			
1611.	<i>Phyllophorella</i> sp.			Y
1612.	<i>Phyllophorus (Urodemella) proteus</i>			Y
1613.	<i>Phyllospongia</i> sp.			
1614.	<i>Pilodius</i> sp.			
1615.	<i>Pilosabia trigona</i>			
1616.	<i>Pilumnus pulcher</i>			Y
1617.	<i>Pilumnus semilanatus</i>			Y
1618.	<i>Pilumnus</i> sp.			
1619.	<i>Pilumnus spinicarpus</i>			Y
1620.	<i>Pilumnus vespertilio</i>			
1621.	<i>Pimelopus nothus</i>			
1622.	<i>Pinctada albina</i>			
1623.	<i>Pinctada imbricata</i>			
1624.	<i>Pinctada maculata</i>			
1625.	<i>Pinctada maxima</i>			
1626.	<i>Pinctada reeveana</i>			
1627.	<i>Pinna bicolor</i>			
1628.	<i>Pinna deltodes</i>			Y
1629.	<i>Pinna muricata</i>			
1630.	<i>Pinnotheres latipes</i>			Y
1631.	<i>Pione</i> sp.			Y
1632.	<i>Pisania (Pisania) ignea</i>			
1633.	<i>Pisidia serratifrons</i>			
1634.	<i>Pisidia</i> sp.			Y
1635.	<i>Pistris serricostata</i>			
1636.	<i>Pitar (Pitarina) bullatus</i>			Y
1637.	<i>Pitar (Pitarina) noguchii</i>			Y
1638.	<i>Pitar (Pitarina) pellucidus</i>			Y
1639.	<i>Placamen calophyllum</i>			
1640.	<i>Placamen sidneyense</i>			Y
1641.	<i>Placamen tiara</i>			
1642.	<i>Placuna placenta</i>			
1643.	<i>Plagiocardium (Maoricardium) setosum</i>			Y
1644.	<i>Planaxis</i> sp.			
1645.	<i>Planaxis sulcatus</i>			
1646.	<i>Platydoris radiata</i>			
1647.	<i>Platydoris scabra</i>			

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1648.	<i>Platynereis polyscalma</i>			
1649.	<i>Platysphyrus tibialis</i>			Y
1650.	<i>Plesiochrysa ramburi</i>			
1651.	<i>Plesiocolochirus australis</i>			
1652.	<i>Plesiocolochirus dispar</i>			Y
1653.	<i>Plesiotrochus crinitus</i>			
1654.	<i>Plesiotrochus</i> sp.			
1655.	<i>Plocamopherus</i> sp.			
1656.	<i>Polinices (Conuber) conicus</i>			
1657.	<i>Polinices (Mammilla) simiae</i>			
1658.	<i>Polinices (Neverita) peselephanti</i>			
1659.	<i>Polinices (Polinices) flemingianus</i>			
1660.	<i>Polinices (Polinices) mammilla</i>			
1661.	<i>Polinices (mammilla)</i>			
1662.	<i>Polinices</i> sp.			Y
1663.	<i>Polia erythrostomus</i>			
1664.	<i>Polia fumosus</i>			
1665.	<i>Poltys</i> sp.			
1666.	<i>Polycirrus</i> sp.			
1667.	<i>Polycitor circes</i>			
1668.	<i>Pomatoleios kraussii</i>			
1669.	<i>Pomatostegus stellatus</i>			
1670.	<i>Portunus (Monomia) rubromarginatus</i>			
1671.	<i>Portunus (Portunus) pelagicus</i>			
1672.	<i>Prionocidaris bispinosa</i>			
1673.	<i>Prionovolva cavanaghi</i>			Y
1674.	<i>Prismatopus longispinus</i>			Y
1675.	<i>Processa sulcata</i>			Y
1676.	<i>Prolasius mjoebergella</i>			Y
1677.	<i>Protankyra verrilli</i>			Y
1678.	<i>Prothalotia strigata</i>			
1679.	<i>Protoreaster nodulosus</i>			
1680.	<i>Protula bispiralis</i>			
1681.	<i>Psammotreta (Psammotreta) solenella</i>			Y
1682.	<i>Pseudococcus symoni</i>			
1683.	<i>Pseudocolochirus violaceus</i>			
1684.	<i>Pseudonereis anomala</i>			
1685.	<i>Pseudoreaster obtusangulus</i>			
1686.	<i>Pseudoryctes validus</i>			Y
1687.	<i>Pseudoryctes wilsoni</i>			Y
1688.	<i>Pseudovertagus (Pseudovertagus) aluco</i>			
1689.	<i>Psilogramma</i> sp.			Y
1690.	<i>Pteria</i> sp.			
1691.	<i>Pterochelus akation</i>			
1692.	<i>Pterochelus triformis</i>			
1693.	<i>Pterohelaeus gilesi</i>			Y
1694.	<i>Pterygia undulosa</i>			Y
1695.	<i>Pterynotus (Pterynotus) bednalli</i>			
1696.	<i>Pterynotus</i> sp.			
1697.	<i>Ptychobela nodulosa</i>			
1698.	<i>Ptychobela</i> sp.			Y
1699.	<i>Ptychobela suturalis</i>			
1700.	<i>Pupa</i> sp.			
1701.	<i>Pupa sulcata</i>			
1702.	<i>Pupoides contrarius</i>			
1703.	<i>Pupoides eremicolus</i>			Y
1704.	<i>Pupoides pacificus</i>			
1705.	<i>Purpuradusta gracilis</i>			
1706.	<i>Purpuradusta hammondae</i>			
1707.	<i>Pustulostrea tuberculata</i>			Y
1708.	<i>Pyramidella teres</i>			
1709.	<i>Pyrene flava</i>			
1710.	<i>Pyrene obscura</i>			
1711.	<i>Pyrene punctata</i>			
1712.	<i>Pyrene scripta</i>			
1713.	<i>Pyrgulina</i> sp.			
1714.	<i>Quistrachia leptogramma</i>			
1715.	<i>Rhagada gatta</i>			
1716.	<i>Rhagada reinga</i>			Y
1717.	<i>Rhagada</i> sp.			

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1718.	<i>Rhinoclavis (Rhinoclavis) articulata</i>			
1719.	<i>Rhinoclavis (Rhinoclavis) aspera</i>			Y
1720.	<i>Rhinoclavis (Rhinoclavis) bituberculata</i>			
1721.	<i>Rhinoclavis (Rhinoclavis) fasciata</i>			
1722.	<i>Rhinoclavis (Rhinoclavis) sinensis</i>			
1723.	<i>Rhinoclavis sp.</i>			
1724.	<i>Rhynobrissus hemiasteroides</i>			Y
1725.	<i>Rhyparida didyma</i>			
1726.	<i>Rhyparida flavolatera</i>			Y
1727.	<i>Rhyparida ruficollis</i>			Y
1728.	<i>Rhytidoponera taurus</i>			
1729.	<i>Rhytiphora (platyomopsis)</i>			
1730.	<i>Rimella cancellata</i>			
1731.	<i>Rissoina (Phosinella) media</i>			
1732.	<i>Rissoina (Phosinella) paenula</i>			
1733.	<i>Rissoina (Rissoina) crassa</i>			
1734.	<i>Rissoina (Rissoina) tenuistriata</i>			
1735.	<i>Rostanga sp.</i>			
1736.	<i>Ruditapes bruguieri</i>			
1737.	<i>Rynkatorpa bisperforata</i>			
1738.	<i>Salinator fragilis</i>			
1739.	<i>Salinator sp.</i>			
1740.	<i>Salmacis sphaeroides</i>			
1741.	<i>Scaraphites laticollis</i>			
1742.	<i>Scaraphites laticollis subsp. gigas</i>			
1743.	<i>Schedorhinotermes actuosus</i>			
1744.	<i>Scolopendra morsitans</i>			
1745.	<i>Scopimera kochi</i>			Y
1746.	<i>Scutus (Scutus) antipodes</i>			
1747.	<i>Scutus (Scutus) olunguis</i>			
1748.	<i>Scutus (Scutus) unguis</i>			
1749.	<i>Semele australis</i>			Y
1750.	<i>Semele casta</i>			
1751.	<i>Semele jukesii</i>			
1752.	<i>Semele lamellosa</i>			
1753.	<i>Semele monilis</i>			
1754.	<i>Semipallium dringi</i>			Y
1755.	<i>Semipallium sp.</i>			Y
1756.	<i>Semincinula sp.</i>			
1757.	<i>Sepia elliptica</i>			
1758.	<i>Sepia papuensis</i>			
1759.	<i>Sepia smithi</i>			
1760.	<i>Septifer bilocularis</i>			
1761.	<i>Sericesthis nigrolineata</i>			
1762.	<i>Serpula jukesii</i>			
1763.	<i>Serpula vasifera</i>			Y
1764.	<i>Serpulorbis sp.</i>			
1765.	<i>Serrata sp.</i>			
1766.	<i>Serratina capsoides</i>			
1767.	<i>Siliqua albida</i>			
1768.	<i>Siliquaria (Siliquaria) cumingii</i>			
1769.	<i>Siliquaria (Siliquaria) ponderosus</i>			
1770.	<i>Sinularia leptocladus</i>			Y
1771.	<i>Sinum halliotoideum</i>			
1772.	<i>Sinum zonale</i>			
1773.	<i>Siphonaria atra</i>			
1774.	<i>Siphonaria diemenensis</i>			
1775.	<i>Siphonaria laciniosa</i>			
1776.	<i>Siphonaria sp.</i>			
1777.	<i>Siphonaria tasmanica</i>			
1778.	<i>Solecuretus sulcatus</i>			Y
1779.	<i>Solen (Solen) fonesii</i>			
1780.	<i>Solen sp.</i>			
1781.	<i>Soletellina (Soletellina) biradiata</i>			
1782.	<i>Soletellina (Soletellina) connectens</i>			
1783.	<i>Sphallomorpha punctata</i>			Y
1784.	<i>Spirobranchus polytrema</i>			Y
1785.	<i>Spondylus linguatilis</i>			Y
1786.	<i>Spondylus sp.</i>			
1787.	<i>Spondylus spectrum</i>			

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1788.	<i>Spondylus victoriae</i>			
1789.	<i>Stavella subdistorta</i>			
1790.	<i>Steginoporella</i> sp.			
1791.	<i>Stellaster equestris</i>			
1792.	<i>Stellaster princeps</i>			
1793.	<i>Stellaster</i> sp.			
1794.	<i>Stenopyllis coarctata</i>			
1795.	<i>Stichopus naso</i>			
1796.	<i>Stolus buccalis</i>			
1797.	<i>Stolus minutus</i>			Y
1798.	<i>Stomatella impertusa</i>			
1799.	<i>Stomatia phymotis</i>			
1800.	<i>Stomatia sulcata</i>			
1801.	<i>Strombus (Canarium) mutabilis</i> subsp. <i>mutabilis</i>			
1802.	<i>Strombus (Canarium) urceus</i>			
1803.	<i>Strombus (Canarium) urceus</i> subsp. <i>orrae</i>			
1804.	<i>Strombus (Doxander) campbelli</i>			
1805.	<i>Strombus</i> sp.			
1806.	<i>Succinea (succinea)</i>			
1807.	<i>Suhpalacsa subtrahens</i>			
1808.	<i>Sunetta</i> sp.			
1809.	<i>Sunetta sunettina</i>			
1810.	<i>Sunetta vaginalis</i>			
1811.	<i>Synalpheus comatularum</i>			
1812.	<i>Synalpheus</i> sp.			
1813.	<i>Synalpheus stimpsonii</i>			
1814.	<i>Synaptula recta</i>			
1815.	<i>Syrinx aruanus</i>			
1816.	<i>Taeniacanthus</i> sp.			Y
1817.	<i>Taiorchestia brucei</i>			
1818.	<i>Tamaria tumescens</i>			
1819.	<i>Tanea euzona</i>			
1820.	<i>Tanea sagittata</i>			
1821.	<i>Tapes (Tapes) deshayesii</i>			Y
1822.	<i>Tapes (Tapes) dorsatus</i>			
1823.	<i>Tapes</i> sp.			
1824.	<i>Tawera laticostata</i>			
1825.	<i>Tawera subnodulosa</i>			
1826.	<i>Tectarius</i> sp.			
1827.	<i>Tectus (Tectus) architectonicus</i>			
1828.	<i>Tectus (Tectus) fenestratus</i>			
1829.	<i>Tectus (Tectus) pyramis</i>			
1830.	<i>Tegillarca granosa</i>			
1831.	<i>Telescopium telescopium</i>			
1832.	<i>Tellina</i> sp.			
1833.	<i>Tellinella staurella</i>			
1834.	<i>Tellinella virgata</i>			
1835.	<i>Temnopleurus alexandri</i>			
1836.	<i>Temnotrema elegans</i>			
1837.	<i>Temnotrema</i> sp.			
1838.	<i>Terebella tantabiddycreekensis</i>			
1839.	<i>Terebellides woolawa</i>			Y
1840.	<i>Terebellum (Terebellum) terebellum</i>			
1841.	<i>Terebra areolata</i>			Y
1842.	<i>Terebra cingulifera</i>			Y
1843.	<i>Terebra exiguides</i>			Y
1844.	<i>Terebra laevigata</i>			Y
1845.	<i>Terebra</i> sp.			
1846.	<i>Terebra succincta</i>			
1847.	<i>Terebra textilis</i>			
1848.	<i>Terebralia palustris</i>			
1849.	<i>Terebralia semistriata</i>			
1850.	<i>Terebralia sulcata</i>			
1851.	<i>Teredothyra matocotana</i>			
1852.	<i>Tetralia glaberrima</i>			Y
1853.	<i>Tetralia</i> sp.			
1854.	<i>Thais gradata</i>			
1855.	<i>Thais javanica</i>			
1856.	<i>Thais</i> sp.			
1857.	<i>Thalamita danae</i>			

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1858.	<i>Thalamita sima</i>			
1859.	<i>Theclinessthes miskini</i>			
1860.	<i>Thelepus extensus</i>			
1861.	<i>Thelepus robustus</i>			
1862.	<i>Thereuopoda lesueurii</i>			
1863.	<i>Thomisus spectabilis</i>			
1864.	<i>Thormora jukesii</i>			
1865.	<i>Thrips florum</i>			Y
1866.	<i>Thrips hawaiiensis</i>			
1867.	<i>Thyasira</i> sp.			Y
1868.	<i>Thyone micra</i>			Y
1869.	<i>Tiarinia cornigera</i>			Y
1870.	<i>Tonna allium</i>			Y
1871.	<i>Tonna cumingii</i>			
1872.	<i>Tonna</i> sp.			
1873.	<i>Tonna variegata</i>			
1874.	<i>Toxometra nomina</i>			Y
1875.	<i>Treptopale</i> sp.			
1876.	<i>Tridacna (Chametrachea) maxima</i>			
1877.	<i>Tridacna (Chametrachea) squamosa</i>			
1878.	<i>Trigonostoma amasia</i>			Y
1879.	<i>Trigonostoma bicolor</i>			
1880.	<i>Trigonostoma</i> sp.			
1881.	<i>Trigonothops (Phloeocarabus) semivittatus</i>			Y
1882.	<i>Trikenion</i> sp.			Y
1883.	<i>Tripterotyphis lowei</i> subsp. <i>colemanni</i>			
1884.	<i>Trisidos semitorta</i>			
1885.	<i>Trisidos tortuosa</i>			
1886.	<i>Tristaria grouvellei</i>			
1887.	<i>Trivia (Trivirostra) oryza</i>			
1888.	<i>Trochus hanleyanus</i>			
1889.	<i>Trochus histrio</i>			
1890.	<i>Trochus</i> sp.			Y
1891.	<i>Tudivasum inermis</i>			
1892.	<i>Tudivasum spinosa</i>			Y
1893.	<i>Turbo (Lunella) cinereus</i>			
1894.	<i>Turbo (Marmarostoma) brunneus</i>			
1895.	<i>Turbo (Marmarostoma) haynesi</i>			
1896.	<i>Turbo (Marmarostoma) squamosus</i>			
1897.	<i>Turbo (Turbo) petholatus</i>			
1898.	<i>Turbo</i> sp.			
1899.	<i>Turricula nelliae</i> subsp. <i>granobalteus</i>			
1900.	<i>Turris</i> sp.			Y
1901.	<i>Turritella terebra</i>			
1902.	<i>Urodacus granifrons</i>			Y
1903.	<i>Urodacus hoplurus</i>			
1904.	<i>Urodacus koolanensis</i>			
1905.	<i>Urodacus yaschenkoi</i>			
1906.	<i>Vanikoro cancellata</i>			
1907.	<i>Vanikoro</i> sp.			
1908.	<i>Vasticardium vertebratum</i>			
1909.	<i>Venerupis</i> sp.			
1910.	<i>Vepricardium multispinosum</i>			Y
1911.	<i>Vexillum (Vexillum) plicarium</i>			
1912.	<i>Vexillum (Vexillum) vulpeculum</i>			
1913.	<i>Vexillum (vexillum)</i>			Y
1914.	<i>Vexillum</i> sp.			
1915.	<i>Volutoconus bednalli</i>			
1916.	<i>Volvarina agata</i>			Y
1917.	<i>Volvarina philippinarium</i>			Y
1918.	<i>Volvarina rex</i>			Y
1919.	<i>Vulsella vulsella</i>			
1920.	<i>Xylobosca gemina</i>			
1921.	<i>Xylodeleis obsipa</i>			
1922.	<i>Xylopsocus gibbicollis</i>			
1923.	<i>Zafra</i> sp.			
1924.	<i>Zebina (Zebina) subfirmata</i>			
1925.	<i>Zoila decipiens</i>			
1926.	<i>Zoila thersites</i> subsp. <i>thersites</i>			Y
1927.	<i>Zygometra comata</i>			Y

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1928.		<i>Zygometa microdiscus</i>			
Mammal					
1929.	24039	<i>Canis lupus subsp. dingo</i> (Dingo)	Y		
1930.	24181	<i>Chaerephon jobensis</i> (Northern Freetail-bat)			
1931.	24186	<i>Chalinolobus gouldii</i> (Gould's Wattled Bat)			
1932.	24188	<i>Chalinolobus nigrogriseus</i> (Hoary Wattled Bat)			
1933.	24084	<i>Dugong dugon</i> (Dugong)		S	
1934.	24041	<i>Felis catus</i> (Cat)	Y		
1935.	24215	<i>Hydromys chrysogaster</i> (Water-rat)		P4	
1936.	24129	<i>Macropus agilis</i> (Agile Wallaby)			
1937.	24168	<i>Macrotis lagotis</i> (Bilby, Dalgylte)		T	
1938.	24051	<i>Megaptera novaeangliae</i> (Humpback Whale)		T	
1939.	24222	<i>Mesembriomys macrurus</i> (Golden-backed Tree-rat)		T	
1940.	24190	<i>Miniopterus schreibersii subsp. orianae</i> (Common Bentwing-bat)			
1941.	24182	<i>Mormopterus beccarii</i> (Beccari's Freetail-bat)			
1942.	24183	<i>Mormopterus loriae</i> (Little Northern Freetail-bat)			
1943.	24223	<i>Mus musculus</i> (House Mouse)	Y		
1944.	24192	<i>Nyctophilus amhemensis</i> (Arnhem Land Long-eared Bat)			
1945.	24194	<i>Nyctophilus geoffroyi</i> (Lesser Long-eared Bat)			
1946.	24138	<i>Onychogalea unguifera</i> (Northern Nailtail Wallaby, Karrabul)			
1947.		<i>Orcaella brevirostris</i>			
1948.	24060	<i>Orcaella heinsohni</i> (Australian Snubfin Dolphin)		P4	
1949.	24073	<i>Physeter macrocephalus</i> (Sperm Whale)		P4	
1950.	24198	<i>Pipistrellus westralis</i> (Northern Pipistrelle)			
1951.		<i>Planigale sp.</i>			
1952.	24234	<i>Pseudomys delicatulus</i> (Delicate Mouse)			
1953.	24063	<i>Pseudorca crassidens</i> (False Killer Whale)			
1954.	24172	<i>Pteropus alecto</i> (Black Flying-fox)			
1955.	24173	<i>Pteropus scapulatus</i> (Little Red Flying-fox)			
1956.	24245	<i>Rattus rattus</i> (Black Rat)	Y		
1957.	24174	<i>Saccolaimus flaviventris</i> (Yellow-bellied Sheath-tail-bat)			
1958.	24200	<i>Scotorepens greyii</i> (Little Broad-nosed Bat)			
1959.	24201	<i>Scotorepens sanborni</i> (Northern Broad-nosed Bat)			
1960.	24064	<i>Sousa chinensis</i> (Indo-Pacific Humpback Dolphin)		P4	
1961.	24157	<i>Trichosurus vulpecula subsp. amhemensis</i> (Northern Brushtail Possum)			
1962.	30954	<i>Tursiops aduncus</i> (Indo-Pacific Bottlenose Dolphin)			
1963.	24069	<i>Tursiops truncatus</i> (Bottlenose Dolphin)			
1964.	24159	<i>Wyulda squamicaudata</i> (Scaly-tailed Possum)		P3	
Reptile					
1965.	25350	<i>Aipysurus apraefrontalis</i> (Short-nosed Seasnake)		T	
1966.	25351	<i>Aipysurus duboisii</i> (Dubois' Seasnake)			
1967.	25355	<i>Aipysurus laevis</i> (Olive Seasnake)			
1968.	42369	<i>Aipysurus mosaicus</i> (Mosaic Seasnake)			
1969.	25357	<i>Aipysurus tenuis</i> (Brown-lined Seasnake)			
1970.	42372	<i>Amalosia rhombifer</i> (Zigzag velvet gecko)			
1971.	30831	<i>Amphibolurus gilberti</i> (Ta-ta, Gilbert's Dragon)			
1972.		<i>Amphibolurus sp.</i>			
1973.	25241	<i>Antaresia stimsoni subsp. stimsoni</i> (Stimson's Python)			
1974.	25320	<i>Aspidites melanocephalus</i> (Black-headed Python)			
1975.		<i>Astrotia stokesii</i>			
1976.	25334	<i>Brachyuophis roperi</i> (Northern Shovel-nosed Snake)			
1977.	25012	<i>Carlia amax</i> (Two-spined Rainbow Skink)			
1978.	25015	<i>Carlia munda</i> (Shaded-litter Rainbow Skink)			
1979.	25016	<i>Carlia rufilatus</i> (Red-sided Rainbow Skink)			
1980.	25017	<i>Carlia triacantha</i> (Desert Rainbow Skink)			
1981.	42382	<i>Chelodina burrungandjii</i> (Northern Long-necked Turtle)			
1982.	25336	<i>Chelonia mydas</i> (Green Turtle)		T	
1983.	24863	<i>Chlamydosaurus kingii</i> (Frill-necked Lizard)			
1984.	24921	<i>Crenadactylus ocellatus subsp. rostralis</i> (Clawless Gecko)			
1985.	30886	<i>Cryptoblepharus australis</i>			
1986.	42383	<i>Cryptoblepharus metallicus</i>			
1987.	25020	<i>Cryptoblepharus plagioccephalus</i>			
1988.	30890	<i>Cryptoblepharus ruber</i>			
1989.	30891	<i>Cryptoblepharus tythos</i>			
1990.	24876	<i>Ctenophorus isolepis subsp. isolepis</i> (Crested Dragon, Military Dragon)			
1991.	24882	<i>Ctenophorus nuchalis</i> (Central Netted Dragon)			
1992.	24886	<i>Ctenophorus reticulatus</i> (Western Netted Dragon)			
1993.	25024	<i>Ctenotus angusticeps</i> (Airlie Island Ctenotus, Airlie Island Skink)		T	
1994.	25045	<i>Ctenotus helenae</i>			

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1995.	25048	<i>Ctenotus inornatus</i>			
1996.	25061	<i>Ctenotus pantherinus</i> subsp. <i>calx</i> (Leopard Ctenotus)			
1997.	25070	<i>Ctenotus robustus</i>			
1998.	25073	<i>Ctenotus saxatilis</i> (Rock Ctenotus)			
1999.	25077	<i>Ctenotus serventyi</i>			
2000.		<i>Ctenotus</i> sp.			
2001.		<i>Delma</i> sp.			
2002.	25004	<i>Delma tincta</i>			
2003.	42390	<i>Demansia angusticeps</i>			
2004.		<i>Demansia reticulata</i>			
2005.	24926	<i>Diplodactylus conspicillatus</i> (Fat-tailed Gecko)			
2006.		<i>Diplodactylus</i> sp.			
2007.	24896	<i>Diporiphora pindan</i>			
2008.		<i>Diporiphora</i> sp.			
2009.	25358	<i>Disteira kingii</i>			
2010.	25362	<i>Ephalophis greyae</i>			
2011.		<i>Ephalophis greyi</i>			
2012.	42404	<i>Eremiascincus isolepis</i>			
2013.	25327	<i>Fordonia leucobalia</i> (White-bellied Mangrove Snake)			
2014.	25301	<i>Furina ornata</i> (Moon Snake)			
2015.	24952	<i>Gehyra australis</i>			
2016.	24956	<i>Gehyra pilbara</i>			
2017.	24958	<i>Gehyra punctata</i>			
2018.	24959	<i>Gehyra variegata</i>			
2019.	25232	<i>Hemidactylus frenatus</i> (Asian House Gecko)	Y		
2020.	24961	<i>Heteronotia binoei</i> (Bynoe's Gecko)			
2021.	25363	<i>Hydrolaps darwiniensis</i>			
2022.	25366	<i>Hydrophis elegans</i> (Elegant Seasnake, Bar-bellied Seasnake)			
2023.	44656	<i>Hydrophis major</i>			
2024.	43369	<i>Hydrophis peronii</i> (Spiny-headed Seasnake)			
2025.	43385	<i>Hydrophis stokesii</i> (Stoke's Seasnake, Sea Snake)			
2026.	25121	<i>Lerista apoda</i>			
2027.	25125	<i>Lerista bipes</i>			
2028.	25138	<i>Lerista griffini</i>			
2029.	25146	<i>Lerista labialis</i>			
2030.	25170	<i>Lerista separanda</i> (Dampierland Plain Slider, skink)		P2	
2031.	25005	<i>Lialis burtonis</i>			
2032.	25321	<i>Liasis mackloti</i> subsp. <i>fuscus</i> (Water Python)			
2033.	30933	<i>Lucasium stenodactylum</i>			
2034.	25184	<i>Menetia greyii</i>			
2035.	25185	<i>Menetia maini</i>			
2036.	24904	<i>Moloch horridus</i> (Thorny Devil)			
2037.	25194	<i>Morethia ruficauda</i> subsp. <i>ruficauda</i>			
2038.	25195	<i>Morethia storri</i>			
2039.		<i>Myron reserai</i>			
2040.	25344	<i>Natator depressus</i> (Flatback Turtle)		T	
2041.		<i>Notechis ater</i>			
2042.	24906	<i>Pogona microlepidota</i> (Kimberley Bearded Dragon)			
2043.	25510	<i>Pogona minor</i> (Dwarf Bearded Dragon)			
2044.	24908	<i>Pogona minor</i> subsp. <i>mitchelli</i> (Dwarf Bearded Dragon)			
2045.		<i>Pogona</i> sp.			
2046.	25200	<i>Proablepharus tenuis</i>			
2047.	25261	<i>Pseudechis australis</i> (Mulga Snake)			
2048.	42416	<i>Pseudonaja mengdeni</i> (Western Brown Snake)			
2049.	25263	<i>Pseudonaja modesta</i> (Ringed Brown Snake)			
2050.	25264	<i>Pseudonaja nuchalis</i> (Gwardar, Northern Brown Snake)			
2051.	25009	<i>Pygopus nigriceps</i>			
2052.		<i>Ramphotyphlops</i> sp.			
2053.	24982	<i>Rhynchoedura ornata</i> (Western Beaked Gecko)			
2054.	25266	<i>Simoselaps bertholdi</i> (Jan's Banded Snake)			
2055.	25268	<i>Simoselaps minimus</i> (Dampierland Burrowing Snake)		P2	
2056.		<i>Simoselaps semifasciatus</i>			
2057.	25517	<i>Strophurus ciliaris</i>			
2058.	24924	<i>Strophurus ciliaris</i> subsp. <i>aberrans</i>			
2059.	25307	<i>Suta punctata</i> (Spotted Snake)			
2060.	25202	<i>Tiliqua multifasciata</i> (Central Blue-tongue)			
2061.	25520	<i>Tiliqua scincoides</i> (Eastern Blue-tongue)			
2062.	25208	<i>Tiliqua scincoides</i> subsp. <i>intermedia</i>			
2063.	25209	<i>Varanus acanthurus</i> (Spiny-tailed Monitor)			
2064.	25218	<i>Varanus gouldii</i> (Bungarra or Sand Monitor)			

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	Name ID	Species Name	Naturalised	Conservation Code	¹ Endemic To Query Area
2065.	25222	<i>Varanus panoptes subsp. panoptes</i>			
2066.	25526	<i>Varanus tristis</i> (Racehorse Monitor)			
2067.	25227	<i>Varanus tristis subsp. tristis</i> (Racehorse Monitor)			

Conservation Codes
T - Rare or likely to become extinct
X - Presumed extinct
IA - Protected under international agreement
S - Other specially protected fauna
1 - Priority 1
2 - Priority 2
3 - Priority 3
4 - Priority 4
5 - Priority 5

¹ For NatureMap's purposes, species flagged as endemic are those whose records are wholly contained within the search area. Note that only those records complying with the search criterion are included in the calculation. For example, if you limit records to those from a specific datasource, only records from that datasource are used to determine if a species is restricted to the query area.

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Appendix D – Flora data

Site ID:	Q01	Project:	6133207
Type:	Quadrat	Size:	50 x 50 m
Date:	18/03/2016	Described by:	JT
Co-ordinates:	MGA 51	417247.57 mE	8015887.65 mN
Location:	Cable Beach Road East Site		
Landform and slope:	Plain, negligible slope		
Drainage:	Good		
Soil colour & type:	Orange sand		
Vegetation condition:	4		
Fire age & intensity:	Old (> 5 years), minor impact		
Disturbances:	Dry conditions, adjacent rubbish		
Surface component:			
Loose soil (%):	10-30		
Leaf litter:	Moderate		
Wood litter:	Moderate		



Species List:

Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Myrtaceae	<i>Corymbia flavescentis</i>		U1	<2T	6.0-7.0
Myrtaceae	<i>Corymbia greeniana</i>		U1	<2T	4.0-5.0
Malvaceae	<i>Brachychiton diversifolius</i>		U1	<2T	4.0-5.0
Fabaceae	<i>Bauhinia cunninghamii</i>		M1	<2T	3.0-4.0
Proteaceae	<i>Hakea macrocarpa</i>		M1	<2N	3.0-5.0
Fabaceae	<i>Acacia eriopoda</i>		M1	<2N	4.0-5.0
Boraginaceae	<i>Ehretia saligna</i>		M1	<2T	3
Lauraceae	<i>Cassytha filiformis</i>		M1	<2N	CREEPER
Fabaceae	<i>Acacia colei</i> var. <i>colei</i>		M1	<2T	2.0-3.0
Lamiaceae	<i>Premna acuminata</i>		M1	<2T	2
Proteaceae	<i>Persoonia falcata</i>		M2	<2N	1.0-2.0
Sapindaceae	<i>Dodonaea hispidula</i>		M2	2-10	1.0-1.8
Poaceae	<i>Triodia ?schinzii</i>		M2	10-30	1.0-1.5
Phyllanthaceae	<i>Breynia cernua</i>		M2	2-10	1.0-2.0
Rhamnaceae	<i>Ventilago viminalis</i>		M2	<2N	1.8

Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Phyllanthaceae	<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>		M2	<2T	2
Fabaceae	<i>Erythrophleum chlorostachys</i>		M2	<2T	1
Convolvulaceae	<i>Jacquemontia paniculata</i>		G1	<2T	CREEPER
Malvaceae	<i>Grewia retusifolia</i>		G1	<2T	0.8
Rhamnaceae	<i>Ventilago viminalis</i>		G1	<2T	0.8
Apocynaceae	<i>Carissa lanceolata</i>		G1	<2T	0.5
Malvaceae	<i>Sida</i> sp. Pindan (B.G. Thomson 3398)		G1	<2N	0.5
Santalaceae	<i>Santalum lanceolatum</i>		G1	<2T	0.5
Poaceae	<i>Aristida holathera</i>		G1	<2N	0.5
Malvaceae	<i>Melhania oblongifolia</i>		G2	<2N	0.3
Malvaceae	<i>Waltheria indica</i>		G2	<2N	0.3
Fabaceae	<i>Zornia prostrata</i>		G2	<2T	0.1
Violaceae	<i>Hybanthus aurantiacus</i>		G2	<2T	0.2
Goodeniaceae	<i>Goodenia sepalosa</i> var. <i>sepalosa</i>		G2	<2N	Prostrate
Fabaceae	<i>Acacia adoxa</i> var. <i>subglabra</i>		G2	<2T	0.4
Fabaceae	<i>Rhynchosia minima</i>		G2	<2N	CREEPER
Malvaceae	<i>Gossypium australe</i>		G2	<2N	0.4
Fabaceae	<i>Zornia chaetophora</i>		G2	<2T	0.3
Lauraceae	<i>Cassytha capillaris</i>		G2	<2N	CREEPER
Phyllanthaceae	<i>Euphorbia ?psilosperma</i>		G2	<2T	0.1
Rubiaceae	<i>Gardenia pyriformis</i> subsp. <i>keartlandii</i>		G2	<2T	0.1
Solanaceae	<i>Solanum cunninghamii</i>		G2	<2T	0.2
Fabaceae	<i>Crotalaria medicaginea</i>		G2	<2T	0.2
Poaceae	<i>Eragrostis eriopoda</i>		G2	<2T	0.3

Site ID:	Q02	Project:	6133207
Type:	Quadrat	Size:	50 x 50 m
Date:	18/03/2016	Described by:	JT
Co-ordinates:	MGA 51	416753.02 mE	8015670.45 mN
Location:	Cable Beach Road East Site		
Landform and slope:	Plain, negligible slope		
Drainage:	Good		
Soil colour & type:	Orange sand		
Vegetation condition:	4		
Fire age & intensity:	Old (> 5 years), minor impact		
Disturbances:	Dry conditions, adjacent rubbish		
Surface component:			
Loose soil (%):	<2		
Humus/Litter (%):	30-70		
Leaf litter:	Plentiful		
Wood litter:	Moderate		



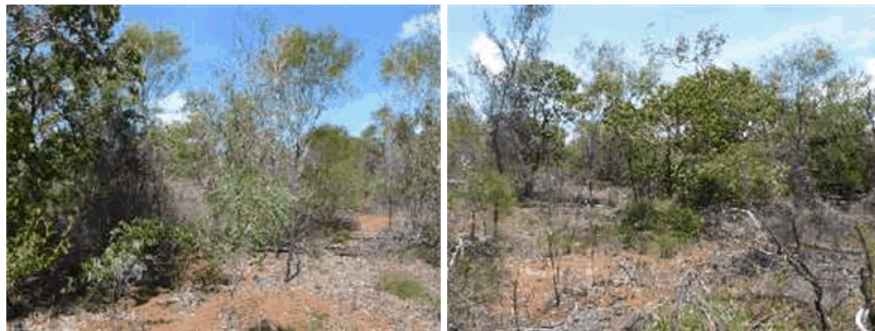
Species List:

Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Hernandiaceae	<i>Gyrocarpus americanus</i>		U1	<2T	6.0-7.0
Proteaceae	<i>Hakea macrocarpa</i>		U1	<2T	4.0-5.0
Lauraceae	<i>Cassytha filiformis</i>		U1	<2T	CREEPER
Lamiaceae	<i>Premna acuminata</i>		U1	<2T	3.0-4.0
Myrtaceae	<i>Corymbia greeniana</i>		U1	<2T	5.0-6.0
Fabaceae	<i>Acacia eriopoda</i>		M1	2-10	4.0-5.0
Proteaceae	<i>Persoonia falcata</i>		M1	<2T	3
Santalaceae	<i>Santalum lanceolatum</i>		M1	<2N	2.0-3.0
Fabaceae	<i>Erythrophleum chlorostachys</i>		M1	<2T	2
Fabaceae	<i>Acacia monticola</i>		M1	<2N	2.0-4.0
Phyllanthaceae	<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>		M1	<2T	2.0-3.0
Fabaceae	<i>Bauhinia cunninghamii</i>		M1	<2T	3.0-4.0
Fabaceae	<i>Acacia colei</i> var. <i>colei</i>		M1	<2T	3.0-4.0
Rhamnaceae	<i>Ventilago viminalis</i>		M1	<2T	3

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Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Myrtaceae	<i>Corymbia zygophylla</i>		M1	<2T	2.5
Poaceae	<i>Sorghum plumosum</i> var. <i>plumosum</i>		M2	2-10	1.6
Convolvulaceae	<i>Jacquemontia paniculata</i>		M2	<2T	CREEPER
Phyllanthaceae	<i>Breynia cernua</i>		M2	<2N	1.0-2.0
Poaceae	<i>Triodia ?schinzii</i>		M2	10-30	1.0-2.0
Poaceae	<i>Triodia microstachya</i>		M2	2-10	1.8
Phyllanthaceae	<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>		M2	<2T	1.6
Combretaceae	<i>Terminalia hadleyana</i>		M2	<2T	1.3
Sapindaceae	<i>Dodonaea hispidula</i>		M2	<2N	1-1.5
Moraceae	<i>Ficus aculeata</i> var. <i>indecora</i>		M2	<2T	2
Malvaceae	<i>Waltheria indica</i>		G1	<2N	0.5
Malvaceae	<i>Melhania oblongifolia</i>		G1	<2N	0.5
Boraginaceae	<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>		G1	<2T	0.8
Oleaceae	<i>Jasminum didymum</i> subsp. <i>lineare</i>		G1	<2T	0.6
Poaceae	<i>Eragrostis eriopoda</i>		G1	<2N	0.5
Convolvulaceae	<i>Jacquemontia paniculata</i>		G2	<2T	CREEPER
Fabaceae	<i>Crotalaria medicaginea</i>		G2	<2N	0.1
Lauraceae	<i>Cassytha capillaris</i>		G2	<2T	CREEPER
Menispermaceae	<i>Tinospora smilacina</i>		G2	<2T	CREEPER
Fabaceae	<i>Zornia prostrata</i>		G2	<2T	Prostrate
Violaceae	<i>Hybanthus aurantiacus</i>		G2	<2T	0.2
Fabaceae	<i>Rhynchosia minima</i>		G2	<2T	CREEPER
Convolvulaceae	<i>Evolvulus alsinoides</i>		G2	<2T	0.1
Poaceae	<i>Paspalidium</i> sp. (insufficient material)		G2	<2T	0.4
Malvaceae	<i>Melhania oblongifolia</i>		G2	<2T	0.3
Malvaceae	<i>Gossypium australe</i>		G2	<2T	0.3

Site ID:	Q03	Project:	6133207
Type:	Quadrat	Size:	50 x 50 m
Date:	18/03/2016	Described by:	JT
Co-ordinates:	MGA 51	416997.11 mE	8016137.02 mN
Location:	Cable Beach Road East Site		
Landform and slope:	Plain, negligible slope		
Drainage:	Good		
Soil colour & type:	Orange sand		
Vegetation condition:	4		
Fire age & intensity:	Old (> 5 years), minor impact		
Disturbances:	Dry conditions, adjacent rubbish		
Surface component:			
Loose soil (%):	10-30		
Leaf litter:	Moderate		
Wood litter:	Moderate		



Species List:

Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Hernandiaceae	<i>Gyrocarpus americanus</i>		U1	<2N	5.0-7.0
Lauraceae	<i>Cassytha filiformis</i>		U1	<2N	CREEPER
Myrtaceae	<i>Corymbia greeniana</i>		U1	<2T	5.0-7.0
Fabaceae	<i>Bauhinia cunninghamii</i>		M1	2-10	4.0-5.0
Fabaceae	<i>Acacia eriopoda</i>		M1	2-10	4.0-5.0
Fabaceae	<i>Acacia colei</i> var. <i>colei</i>		M1	<2N	2.0-3.0
Proteaceae	<i>Hakea macrocarpa</i>		M1	<2N	2
Meliaceae	<i>Azadirachta indica</i>	*	M1	<2T	3.0-4.0
Sapotaceae	<i>Sersalisia sericea</i>		M1	<2T	3.0-4.0
Moraceae	<i>Ficus</i> sp. (insufficient material)		M1	<2N	2
Phyllanthaceae	<i>Breynia cernua</i>		M2	<2N	1.0-1.5
Sapindaceae	<i>Dodonaea hispidula</i>		M2	<2N	1.5
Santalaceae	<i>Santalum lanceolatum</i>		M2	<2N	1.5
Proteaceae	<i>Persoonia falcata</i>		M2	<2N	1
Rhamnaceae	<i>Ventilago viminalis</i>		M2	<2T	2
Poaceae	<i>Triodia microstachya</i>		M2	2-10	1.7

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Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Boraginaceae	<i>Ehretia saligna</i>		M2	<2T	1.8
Fabaceae	<i>Erythrophleum chlorostachys</i>		M2	<2T	1.5
Phyllanthaceae	<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>		M2	<2T	1.2
Malvaceae	<i>Grewia retusifolia</i>		M2	<2T	1
Malvaceae	<i>Waltheria indica</i>		G1	<2N	0.5
Apocynaceae	<i>Carissa lanceolata</i>		G1	<2N	0.4
Malvaceae	<i>Gossypium australe</i>		G1	<2N	0.4
Poaceae	<i>Triodia ?schinzii</i>		G1	2-10	1
Convolvulaceae	<i>Jacquemontia paniculata</i>		G1	<2T	CREEPER
Phyllanthaceae	<i>Phyllanthus eremicus</i>	P3	G1	<2T	0.4
Malvaceae	<i>Sida</i> sp. Pindan (B.G. Thomson 3398)		G1	<2T	0.5
Menispermaceae	<i>Tinospora smilacina</i>		G1	<2T	CREEPER
Boraginaceae	<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>		G1	<2N	0.4
Fabaceae	<i>Tephrosia remotiflora</i>		G1	<2T	0.4
Fabaceae	<i>Acacia adoxa</i> var. <i>subglabra</i>		G1	<2T	0.5
Fabaceae	<i>Senna costata</i>		G1	<2T	0.8
Malvaceae	<i>Melhania oblongifolia</i>		G2	<2N	0.3
Cyperaceae	<i>Scleria brownii</i>		G2	<2T	0.2
Malvaceae	<i>Melhania oblongifolia</i>		G2	<2N	0.3
Fabaceae	<i>Crotalaria medicaginea</i>		G2	<2T	0.1
Euphorbiaceae	<i>Euphorbia schultzei</i> var. <i>comans</i>		G2	<2T	Prostrate
Lauraceae	<i>Cassytha capillaris</i>		G2	<2N	CREEPER
Poaceae	<i>Eragrostis eriopoda</i>		G2	<2T	0.3
Poaceae	<i>Aristida holathera</i>		G2	<2N	0.3
Nyctaginaceae	<i>Boerhavia coccinea</i>		G2	<2T	CREEPER

Site ID:	Q04	Project:	6133207
Type:	Quadrat	Size:	50 x 50 m
Date:	23/03/2016	Described by:	JT
Co-ordinates:	MGA 51	416984.83 mE	8015405.79 mN
Location:	Cable Beach Road East Site		
Landform and slope:	Plain, negligible slope		
Drainage:	Good		
Soil colour & type:	Orange sand		
Vegetation condition:	5		
Fire age & intensity:	Old (> 5 years), few trees killed		
Disturbances:	Dry conditions, adjacent rubbish		
Surface component:			
Loose soil (%):	2-10		
Leaf litter:	Plentiful		
Wood litter:	Moderate		



Species List:

Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Myrtaceae	<i>Corymbia greeniana</i>		U1	2-10	5.0-6.0
Loranthaceae	<i>Lysiana spathulata</i> subsp. <i>spathulata</i>		U1	<2T	CREEPER
Hernandiaceae	<i>Gyrocarpus americanus</i>		M1	<2N	4.0-5.0
Fabaceae	<i>Acacia eriopoda</i>		M1	10-30	5.0-6.0
Menispermaceae	<i>Tinospora smilacina</i>		M1	<2T	CREEPER
Bignoniaceae	<i>Dolichandrone heterophylla</i>		M1	<2T	3.0-4.0
Fabaceae	<i>Acacia colei</i> var. <i>colei</i>		M1	2-10	2.0-3.0
Meliaceae	<i>Azadirachta indica</i>	*	M1	<2T	2.5
Fabaceae	<i>Bauhinia cunninghamii</i>		M1	10-30	3.0-4.0
Proteaceae	<i>Hakea macrocarpa</i>		M1	<2T	2.0-3.0
Combretaceae	<i>Terminalia hadleyana</i>		M1	<2T	2
Fabaceae	<i>Erythrophleum chlorostachys</i>		M1	<2T	2.0-3.0
Rubiaceae	<i>Gardenia pyrifolia</i> subsp. <i>keartlandii</i>		M1	<2T	2
Santalaceae	<i>Santalum lanceolatum</i>		M2	2-10	1.5-2.0
Sapindaceae	<i>Dodonaea hispidula</i>		M2	<2N	1.8

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Family	Taxon	Status	Stratum	Cover (%)	Height (m)
Boraginaceae	<i>Ehretia saligna</i>		M2	<2T	1.2
Poaceae	<i>Sorghum plumosum</i> var. <i>plumosum</i>		M2	<2N	1.4
Lauraceae	<i>Cassytha filiformis</i>		M2	<2N	CREEPER
Phyllanthaceae	<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>		M2	2-10	2
Fabaceae	<i>Acacia monticola</i> x <i>tumida</i> var. <i>pilbarensis</i>		M2	<2T	1
Phyllanthaceae	<i>Breynia cernua</i>		M2	2-10	1.5
Rhamnaceae	<i>Ventilago viminalis</i>		M2	<2T	1
Proteaceae	<i>Persoonia falcata</i>		M2	<2N	1.5
Apocynaceae	<i>Carissa lanceolata</i>		M2	<2T	1.6
Proteaceae	<i>Grevillea pyramidalis</i>		M2	<2T	1
Apocynaceae	<i>Cynanchum floribundum</i>		M2	<2T	CREEPER
Fabaceae	<i>Rhynchosia minima</i>		G1	<2N	CREEPER
Malvaceae	<i>Waltheria indica</i>		G1	<2N	0.7
Poaceae	<i>Triodia ?schinzii</i>		G1	10-30	1
Malvaceae	<i>Sida</i> sp. Pindan (B.G. Thomson 3398)		G1	<2N	1
Convolvulaceae	<i>Jacquemontia paniculata</i>		G1	<2N	CREEPER
Poaceae	<i>Aristida holathera</i>		G1	2-10	0.5
Phyllanthaceae	<i>Euphorbia ?psilosperma</i>		G1	<2T	0.5
Poaceae	<i>Eragrostis eriopoda</i>		G1	<2N	0.4
Fabaceae	<i>Acacia adoxa</i> var. <i>subglabra</i>		G1	<2T	0.4
Fabaceae	<i>Tephrosia remotiflora</i>		G1	<2T	0.4
Poaceae	<i>Sorghum plumosum</i> var. <i>plumosum</i>		G1	2-10	1
Lauraceae	<i>Cassytha capillaris</i>		G2	<2N	CREEPER
Celastraceae	<i>Stackhousia intermedia</i>		G2	<2T	0.1
Fabaceae	<i>Crotalaria medicaginea</i>		G2	<2T	0.1
Malvaceae	<i>Hibiscus leptocladus</i>		G2	<2T	0.2
Violaceae	<i>Hybanthus aurantiacus</i>		G2	<2T	0.2
Malvaceae	<i>Melhania oblongifolia</i>		G2	<2T	0.3
Euphorbiaceae	<i>Euphorbia schultzei</i> var. <i>comans</i>		G2	<2T	0.1
Malvaceae	<i>Gossypium australe</i>		G2	<2T	0.1
Goodeniaceae	<i>Goodenia sepalosa</i> var. <i>sepalosa</i>		G2	<2N	Prostrate
Fabaceae	<i>Tephrosia leptoclada</i>		G2	<2T	0.05
Convolvulaceae	<i>Evolvulus alsinoides</i>		G2	<2T	0.05
Solanaceae	<i>Solanum cunninghamii</i>		G2	<2T	0.1

Flora species list for the survey area

Family	Taxon	Status	Eco Logical (2011)	GHD (2016)
Aizoaceae	<i>Trianthema pilosum</i>			X
Amaranthaceae	<i>Aerva javanica</i>	*		X
Amaranthaceae	<i>Ptilotus lanatus</i>			X
Apocynaceae	<i>Carissa lanceolata</i>		X	X
Apocynaceae	<i>Cynanchum floribundum</i>			X
Bignoniaceae	<i>Dolichandrone heterophylla</i>			X
Boraginaceae	<i>Ehretia saligna</i>		X	X
Boraginaceae	<i>Heliotropium leptaleum</i>			X
Boraginaceae	<i>Trichodesma zeylanicum</i> var. <i>zeylanicum</i>		X	X
Celastraceae	<i>Stackhousia intermedia</i>			X
Cleomaceae	<i>Cleome viscosa</i>			X
Combretaceae	<i>Terminalia ferdinandiana</i>		X	
Combretaceae	<i>Terminalia hadleyana</i>			X
Convolvulaceae	<i>Evolvulus alsinoides</i>		X	X
Convolvulaceae	<i>Ipomoea muelleri</i>			X
Convolvulaceae	<i>Jacquemontia paniculata</i>		X	X
Convolvulaceae	<i>Polymeria</i> sp. Broome (K.F. Kenneally 9759)	P1		X
Cyperaceae	<i>Bulbostylis barbata</i>			X
Cyperaceae	<i>Scleria brownii</i>		X	X
Euphorbiaceae	<i>Adriana tomentosa</i> var. <i>tomentosa</i>			X
Euphorbiaceae	<i>Euphorbia schultzii</i> var. <i>comans</i>			X
Euphorbiaceae	<i>Jatropha gossypifolia</i>	*, DP	X	X
Euphorbiaceae	<i>Microstachys chamaelea</i>		X	X
Fabaceae	<i>Abrus precatorius</i>			X
Fabaceae	<i>Acacia adoxa</i> var. <i>subglabra</i>		X	X

Family	Taxon	Status	Eco Logical (2011)	GHD (2016)
Fabaceae	<i>Acacia colei</i> var. <i>colei</i>		X	X
Fabaceae	<i>Acacia eriopoda</i>		X	X
Fabaceae	<i>Acacia monticola</i>		X	X
Fabaceae	<i>Acacia monticola</i> x <i>tumida</i> var. <i>pilbarensis</i>			X
Fabaceae	<i>Acacia plectocarpa</i> subsp. <i>plectocarpa</i>		X	X
Fabaceae	<i>Acacia tenuispica</i>		X	
Fabaceae	<i>Aphyllodium parvifolium</i>	P1		X
Fabaceae	<i>Bauhinia cunninghamii</i>		X	X
Fabaceae	<i>Cajanus marmoratus</i>			X
Fabaceae	<i>Crotalaria medicaginea</i>			X
Fabaceae	<i>Erythrophleum chlorostachys</i>			X
Fabaceae	<i>Glycine tomentella</i>			X
Fabaceae	<i>Rhynchosia minima</i>		X	X
Fabaceae	<i>Senna costata</i>			X
Fabaceae	<i>Senna notabilis</i>		X	X
Fabaceae	<i>Senna oligoclada</i>			X
Fabaceae	<i>Sesbania</i> sp. (insufficient material)			X
Fabaceae	<i>Stylosanthes scabra</i>	*		X
Fabaceae	<i>Tephrosia leptoclada</i>			X
Fabaceae	<i>Tephrosia remotiflora</i>		X	X
Fabaceae	<i>Zornia chaetophora</i>			X
Fabaceae	<i>Zornia prostrata</i>			X
Goodeniaceae	<i>Goodenia sepalosa</i> var. <i>sepalosa</i>			X
Gyrostemonaceae	<i>Gyrostemon tepperi</i>		X	X
Hernandiaceae	<i>Gyrocarpus americanus</i>		X	X
Lamiaceae	<i>Clerodendrum floribundum</i> var. <i>ovatum</i>			X
Lamiaceae	<i>Hyptis suaveolens</i>	*		X

Family	Taxon	Status	Eco Logical (2011)	GHD (2016)
Lamiaceae	<i>Premna acuminata</i>		X	X
Lauraceae	<i>Cassytha capillaris</i>			X
Lauraceae	<i>Cassytha filiformis</i>		X	X
Loranthaceae	<i>Lysiana spathulata</i> subsp. <i>spathulata</i>			X
Malvaceae	<i>Abutilon otocarpum</i>			X
Malvaceae	<i>Brachychiton diversifolius</i>		X	X
Malvaceae	<i>Corchorus olitorius</i>		X	
Malvaceae	<i>Gossypium australe</i>		X	X
Malvaceae	<i>Grewia breviflora</i>		X	
Malvaceae	<i>Grewia retusifolia</i>		X	X
Malvaceae	<i>Hibiscus leptocladus</i>		X	X
Malvaceae	<i>Melhania oblongifolia</i>		X	X
Malvaceae	<i>Sida</i> sp. Pindan (B.G. Thomson 3398)			X
Malvaceae	<i>Waltheria indica</i>			X
Meliaceae	<i>Azadirachta indica</i>	*	X	X
Menispermaceae	<i>Tinospora smilacina</i>		X	X
Moraceae	<i>Ficus aculeata</i> var. <i>indecora</i>			X
Moraceae	<i>Ficus</i> sp. (insufficient material)			X
Myrtaceae	<i>Calytrix exstipulata</i>			X
Myrtaceae	<i>Corymbia ?paractia</i>		X	
Myrtaceae	<i>Corymbia flavescens</i>			X
Myrtaceae	<i>Corymbia greeniana</i>		X	X
Myrtaceae	<i>Corymbia zygophylla</i>		X	X
Nyctaginaceae	<i>Boerhavia coccinea</i>			X
Oleaceae	<i>Jasminum didymum</i> subsp. <i>lineare</i>		X	X
Passifloraceae	<i>Passiflora foetida</i>	*	X	X
Phyllanthaceae	<i>Breynia cernua</i>		X	X

Family	Taxon	Status	Eco Logical (2011)	GHD (2016)
Phyllanthaceae	<i>Euphorbia ?psilosperma</i>			X
Phyllanthaceae	<i>Flueggea virosa</i> subsp. <i>melanthesoides</i>		X	X
Phyllanthaceae	<i>Phyllanthus eremicus</i>	P3		X
Phyllanthaceae	<i>Phyllanthus exilis</i>			X
Poaceae	<i>Aristida holathera</i>			X
Poaceae	<i>Cenchrus biflorus</i>	*	X	X
Poaceae	<i>Dactyloctenium radulans</i>			X
Poaceae	<i>Eragrostis amabilis</i>	*		X
Poaceae	<i>Eragrostis eriopoda</i>		X	X
Poaceae	<i>Eriachne avenacea</i>			X
Poaceae	<i>Eriachne melicacea</i>			X
Poaceae	<i>Eriachne obtusa</i>			X
Poaceae	<i>Paspalidium</i> sp. (insufficient material)			X
Poaceae	<i>Sorghum plumosum</i> var. <i>plumosum</i>		X	X
Poaceae	<i>Themeda quadrivalvis</i>	*	X	X
Poaceae	<i>Triodia schinzii</i>			X
Poaceae	<i>Triodia microstachya</i>		X	X
Poaceae	<i>Whiteochloa cymbiformis</i>			X
Portulacaceae	<i>Calandrinia quadrivalvis</i>			X
Proteaceae	<i>Grevillea pyramidalis</i>			X
Proteaceae	<i>Grevillea refracta</i>		X	
Proteaceae	<i>Hakea arborescens</i>		X	
Proteaceae	<i>Hakea macrocarpa</i>			X
Proteaceae	<i>Persoonia falcata</i>		X	X
Rhamnaceae	<i>Ventilago viminalis</i>		X	X
Rhamnaceae	<i>Ziziphus mauritiana</i>	*, DP		X
Rubiaceae	<i>Gardenia pyriformis</i> subsp. <i>keartlandii</i>		X	X

Family	Taxon	Status	Eco Logical (2011)	GHD (2016)
Rubiaceae	<i>Pavetta kimberleyana</i>		X	
Rubiaceae	<i>Spermacoce occidentalis</i>		X	X
Santalaceae	<i>Santalum lanceolatum</i>		X	X
Sapindaceae	<i>Atalaya hemiglauc</i>		X	
Sapindaceae	<i>Dodonaea hispidula</i>		X	X
Sapotaceae	<i>Sersalisia sericea</i>		X	X
Solanaceae	<i>Solanum cunninghamii</i>		X	X
Violaceae	<i>Hybanthus aurantiacus</i>		X	X
Zygophyllaceae	<i>Tribulopsis angustifolia</i>		X	X

* = introduced taxon, DP = Declared Pest, X = present

Flora likelihood of occurrence assessment guidelines

Likelihood of occurrence	Guideline
Known	Species recorded within survey area from field survey results.
Likely	Species previously recorded within 20 km and large areas of suitable habitat occur in the survey area.
Possible	Species previously recorded within 20 km and areas of suitable habitat occur/may occur in the survey area.
Unlikely	Species previously recorded within 20 km, but suitable habitat does not occur in the survey area.
Highly unlikely	Species not previously recorded within 20 km, suitable habitat does not occur in the survey area and/or the survey area is outside the natural distribution of the species.
Other considerations	Intensity of survey, availability of access, growth form type, recorded flowering times, cryptic nature of species

Flora likelihood of occurrence assessment

Family	Taxon	Status		Description (WA Herbarium 1998–)	Efficacy of field survey	Likelihood of occurrence	Source
		EPBC Act	WC Act /DPaW				
Aizoaceae	<i>Tetragonia coronata</i>		P3	Decumbent annual, herb. Fl. yellow, Jul. Red clay loam. Calcrete outcrops.	Medium	Unlikely – the species has been recorded within 20 km of the survey area, but no suitable habitat occurs.	NM, WAHERB
Amaranthaceae	<i>Gomphrena pusilla</i>		P2	Slender branching annual, herb, to 0.2 m high. Fl. white, Mar to Apr or Jun. Fine beach sand. Behind foredune, on limestone.	High	Unlikely – the species has been recorded within 20 km of the survey area, but no suitable habitat occurs.	NM, TPFL, WAHERB
Asteraceae	<i>Pterocaulon intermedium</i>		P3	Perennial shrub to 0.6 m high. Narrow stems wings, long peduncles. Fl. pink, Apr to Oct. Often in near coastal locations where it favours sandy swales or dunes. Also found in shrubland/ woodland on plains in sandy soils.	High	Unlikely – the species has been recorded within 20 km of the survey area and some suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, TPFL, WAHERB

Family	Taxon	Status		Description (WA Herbarium 1998–)	Efficacy of field survey	Likelihood of occurrence	Source
		EPBC Act	WC Act /DPaW				
Asteraceae	<i>Thespidium basiflorum</i>		P1	Densely tufted, multi-stemmed perennial, herb, to 0.2 m high. Fl. green, May to Aug. Sandy soils. Creeks.	Medium	Unlikely – the species has been recorded within 20 km of the survey area, but no creeks or drainage areas were recorded within the survey area.	NM, WAHERB
Convolvulaceae	<i>Jacquemontia</i> sp. Broome (A.A. Mitchell 3028)		P1	Disturbed Pindan.	High	Unlikely – the species has been recorded within 20 km of the survey area and some suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, WAHERB
Convolvulaceae	<i>Polymeria distigma</i>		P3	Sandy soils in pindan, cracking clays, rangelands, road verges and disturbed areas. Endemic to WA, found from the Kimberley to Pilbara. Range spans approximately 230 km in the Pilbara (230,000 ha).	Medium	Unlikely – the species has been recorded within 20 km of the survey area and some suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM
Convolvulaceae	<i>Polymeria</i> sp. Broome (K.F. Kenneally 9759)		P1	Trailing perennial. Sands or sand-loam/silt soils.	Medium	Known – this species was recorded in the survey area during the field survey.	DPaW Broome
Fabaceae	<i>Acacia monticola</i> x <i>tumida</i> var. <i>kulparn</i>		P3	Shrub to 2.5 m high with pseudo minni ritchi bark. Likely to represent a hybrid between <i>A. monticola</i> and <i>A. tumida</i> var. <i>pilbarensis</i> . Sandplains, ?Pindan.	High	Unlikely – the species has been recorded within 20 km of the survey area and suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, WAHERB
Fabaceae	<i>Glycine pindanica</i>		P3	Prostrate or scrambling perennial, herb or climber. Fl. pink/blue-purple, Feb to Mar or Jun. Pindan soils.	High	Unlikely – the species has been recorded within 20 km of the survey area and suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, TPFL, WAHERB

Family	Taxon	Status		Description (WA Herbarium 1998—)	Efficacy of field survey	Likelihood of occurrence	Source
		EPBC Act	WC Act /DPaW				
Goodeniaceae	<i>Goodenia byrnesii</i>		P3	Prostrate to decumbent herb, stems to 30 cm. Fl. yellow, Jan to Feb. Sand. Edge of creek.	Medium	Unlikely – the species has been recorded within 20 km of the survey area, but no creeks or drainage areas were recorded within the survey area.	NM, TPFL, WAHERB
Malvaceae	<i>Keraudrenia exastia</i>	CR	T	Erect, compact, multi-stemmed shrub, 0.7-0.9 m high. Fl. purple, Apr to Dec. Red sand in pindan. Coastal survey area, relict desert dune swale	High	Unlikely – the species has been recorded within 20 km of the survey area, but the survey area does not occur in a costal location or dune swale. This species is not cryptic.	NM, EPBC PMST, TPFL, WAHERB
Malvaceae	<i>Keraudrenia katatona</i>		P3	Erect, compact, multi-stemmed shrub, to 1 m high, grey leaved. Fl. purple, Mar to Aug. Red sand. Desert dunes in pindan, ranges, disturbed areas.	High	Unlikely – the species has been recorded within 20 km of the survey area and some suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, TPFL, WAHERB
Myrtaceae	<i>Corymbia paractia</i>		P1	Tree (often several-stemmed), 4-6(-12) m high, bark smooth, white, shedding in thin scales. Fl. white, Apr to May or Oct to Dec. Skeletal soils. In transition zone between coastal beach dunes & red pindan soils.	High	Possible – the species has been previously recorded within the survey area and suitable habitat occurs. This species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, WAHERB
Myrtaceae	<i>Eucalyptus ceracea</i>		T	Tree (mallee, sometimes), 3-6 m high, bark fibrous-flaky. Fl. orange, Jun to Nov. Skeletal sandy soils. Sandstone ridges & scree slopes.	High	Unlikely – the species has been recorded within 20 km of the survey area, but no suitable habitat occurs. This species is not cryptic.	NM

Family	Taxon	Status		Description (WA Herbarium 1998–)	Efficacy of field survey	Likelihood of occurrence	Source
		EPBC Act	WC Act /DPaW				
Myrtaceae	<i>Eugenia reinwardtiana</i>		P1	Shrub or tree, 3-8 m high. Fl. white, Jun. Along watercourses.	High	Unlikely – the species has been recorded within 20 km of the survey area, but no creeks or drainage areas were recorded within the survey area. This species is not cryptic.	NM
Phyllanthaceae	<i>Phyllanthus eremicus</i>		P3	Woody shrub to 0.5 m high. Fl. green/yellow, May to Aug. Grows on rocky outcrops or on red sandplains with low shrubs of <i>Acacia</i> , <i>Grevillea</i> and <i>Hakea</i> (Barrett and Telford 2015).	High	Known – this species was recorded in the survey area during the field survey.	NM, WAHERB
Poaceae	<i>Triodia acutispicula</i>		P3	Tussock-forming resinous perennial, grass-like or herb, 0.5-1.5 m high, lemma bi-textured, glabrous, with transverse demarcation, spikelet terete. Fl. cream-brown, Jan to Apr. Sandy soils. River levees, pindan plains, rocky hillslopes & outcrops	High	Unlikely – the species has been recorded within 20 km of the survey area and suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, WAHERB
Poaceae	<i>Triodia caelestialis</i>		P3	Non-resinous, perennial grass. Differs from <i>T. acutispicula</i> in taller clumps, glabrous lemma, longer hairs at leaf orifice and longer ligule. Grows on sandstone ranges, outcrops in sands (Armstrong 2008).	High	Unlikely – the species has been recorded within 20 km of the survey area and suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	NM, WAHERB

Family	Taxon	Status		Description (WA Herbarium 1998—)	Efficacy of field survey	Likelihood of occurrence	Source
		EPBC Act	WC Act /DPaW				
Solanaceae	<i>Nicotiana heterantha</i>		P1	Decumbent, short-lived annual or perennial, herb, to 0.5 m high, forming low, spreading colonies. Fl. white-cream, Mar to Jun or Sep. Black clay. Seasonally wet flats.	Medium	Unlikely – the species has been recorded within 20 km of the survey area, but no suitable habitat occurs. Furthermore, no creeks or drainage areas were recorded within the survey area.	NM, TPFL, WAHERB
Stylidiaceae	<i>Stylidium pindanicum</i>		P3	Annual herb to c. 0.3 m high. Leaves slender, numerous, held in a terminal rosette. Fl. pink or mauve, May to Aug. Restricted to seasonally damp areas over pindan sands (Barrett <i>et al.</i> 2015)	Medium	Unlikely – the species has been recorded within 20 km of the survey area, but no suitable habitat occurs. Furthermore, no seasonally wet or drainage areas were recorded within the survey area.	NM, WAHERB
Combretaceae	<i>Terminalia kumpaja</i>		P3	Shrub or spreading tree to 6 m high. Narrow leaves and small flowers. Fl. white to cream, Jun to Nov. Restricted to red pindan sands (Barrett 2015).	High	Unlikely – the species has been recorded within 20 km of the survey area and suitable habitat occurs. However, this species is not cryptic and the survey area was sufficiently traversed during the field survey.	WAHERB

References

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- Barrett, RL 2015, Examining range disjunctions in Australian *Terminalia* (Combretaceae) with taxonomic revision of the *T. canescens* and *T. cunninghamii* species complexes, *Australian Systematic Botany*, vol. 28, pp 23-45.
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- Barrett, RL, Barrett, MD, Kenneally, KF and Lowrie, A 2015, Four new species of *Stylidium* (Stylidiaceae) from the Kimberley region of Western Australia, *Nuytsia*, vol. 26, pp 127-141.

Appendix E – Fauna data

Complete fauna species list for the survey area

Family	Genus	Species	Common Name	Status	Eco-logical (2011)	GHD (2016)
Birds						
Acanthizidae	<i>Smicromis</i>	<i>brevirostris</i>	Weebill			X
Accipitridae	<i>Accipiter</i>	<i>cirrocephalus</i>	Collared Sparrowhawk			X
Accipitridae	<i>Accipiter</i>	<i>fasciatus</i>	Brown Goshawk		X	
Accipitridae	<i>Aquila</i>	<i>morphnoides</i>	Little Eagle			X
Accipitridae	<i>Haliastur</i>	<i>indus</i>	Brahmany Kite		X	X
Accipitridae	<i>Haliastur</i>	<i>sphenurus</i>	Whistling Kite			X
Accipitridae	<i>Milvus</i>	<i>migrans</i>	Fork-tailed Kite			X
Accipitridae	<i>Pardion</i>	<i>haliaetus</i>	Osprey	S5, IA	X	X
Artamidae	<i>Artamus</i>	<i>cinereus</i>	Black-faced Woodswallow			X
Artamidae	<i>Artamus</i>	<i>personatus</i>	Masked Woodswallow			X
Artamidae	<i>Cracticus</i>	<i>nigrogularis</i>	Pied Butcherbird		X	X
Artamidae	<i>Cracticus</i>	<i>tibicen</i>	Australian Magpie			X
Cacatuidae	<i>Cacatua</i>	<i>s. sanguinea</i>	Little Corella		X	X
Cacatuidae	<i>Eolophus</i>	<i>roseicapillus</i>	Galah			X
Campephagidae	<i>Coracina</i>	<i>n. novaehollandiae</i>	Black-faced Cuckoo-Shrike		X	X
Campephagidae	<i>Lalage</i>	<i>sueurii</i>	White-winged Triller			X
Columbidae	<i>Geopelia</i>	<i>striata</i>	Peaceful Dove		X	X
Columbidae	<i>Geopelia</i>	<i>humeralis</i>	Bar-shouldered Dove			X
Columbidae	<i>Ocyphaps</i>	<i>lophotes</i>	Crested Pigeon			X
Coraciidae	<i>Eurystomus</i>	<i>orientalis</i>	Dollarbird			X
Corvidae	<i>Corvus</i>	<i>orru</i>	Torresian Crow			X
Cuculidae	<i>Centropus</i>	<i>p. phasianinus</i>	Pheasant Coucal		X	X
Estrildidae	<i>Poephila</i>	<i>acuticauda</i>	Long-tailed Finch			X
Estrildidae	<i>Poephila</i>	<i>p. personata</i>	Masked Finch		X	
Estrildidae	<i>Taeniopygia</i>	<i>bichenovii</i>	Double -barred Finch			X
Falconidae	<i>Falco</i>	<i>berigora berigora</i>	Brown Falcon			X
Falconidae	<i>Falco</i>	<i>longipennis murchisonianus</i>	Australian Hobby			X
Falconidae	<i>Falco</i>	<i>peregrinus</i>	Peregrine Falcon	S7		X

Family	Genus	Species	Common Name	Status	Eco-logical (2011)	GHD (2016)
Halcyonidae	<i>Dacelo</i>	<i>leachii leachii</i>	Blue-winged Kookaburra			X
Halcyonidae	<i>Todiramphus</i>	<i>sanctus</i>	Sacred Kingfisher			X
Maluridae	<i>Malurus</i>	<i>lamerti</i>	Variegated Fairy-wren			X
Maluridae	<i>Malurus</i>	<i>melanocephalus cruentatus</i>	Red-backed Fairy-wren			X
Meliphagidae	<i>Conopophila</i>	<i>rufogularis</i>	Rufous-throated Honeyeater			X
Meliphagidae	<i>Entomyzon</i>	<i>cyanotis</i>	Blue-faced Honeyeater			X
Meliphagidae	<i>Lichenostomus</i>	<i>unicolor</i>	White-gaped Honeyeater			X
Meliphagidae	<i>Lichenostomus</i>	<i>virescens</i>	Singing Honeyeater		X	X
Meliphagidae	<i>Lichmera</i>	<i>indistincta indistincta</i>	Brown Honeyeater		X	X
Meliphagidae	<i>Manorina</i>	<i>flavigula</i>	Yellow Throated Miner			X
Meliphagidae	<i>Melithreptus</i>	<i>gularis</i>	Black-chinned Honeyeater			X
Meliphagidae	<i>Philemon</i>	<i>argenteiceps</i>	Silver-crowned Frailbird			X
Meliphagidae	<i>Philemon</i>	<i>citreogularis citreogularis</i>	Little Friarbird		X	X
Meropidae	<i>Merops</i>	<i>ornatus</i>	Rainbow Bee-eater	S5, M	X	X
Monarchidae	<i>Grallina</i>	<i>cyanoleuca</i>	Magpie-lark		X	X
Monarchidae	<i>Myiagra</i>	<i>inquieta</i>	Restless Flycatcher			X
Nectariniidae	<i>Dicaeum</i>	<i>hirundinaceum</i>	Mistletoebird		X	X
Pachycephalidae	<i>Pachycephala</i>	<i>rufiventris</i>	Rufous Whistler			X
Pardalotidae	<i>Pardalotus</i>	<i>striatus</i>	Striated Pardalote			X
Petroicidae	<i>Microeca</i>	<i>flavigaster</i>	Lemon bellied Flycatcher			X
Pomatostomidae	<i>pomatostomus</i>	<i>temporalis</i>	Grey-crowned Babbler		X	X
Psittacidae	<i>Aprosmictus</i>	<i>erythropterus coccineopterus</i>	Red-winged Parrot		X	X
Psittacidae	<i>Psitteuteles</i>	<i>versicolor</i>	Varied Lorikeet			X
Psittacidae	<i>Trichoglossus</i>	<i>haematodus rubritorquis</i>	Red Collared Lorikeet		X	X
Ptilonorhynchidae	<i>Ptilonorhynchus</i>	<i>nuchalis nuchalis</i>	Great Bowerbird			X
Rhipiduridae	<i>Rhipidura</i>	<i>leucophrys</i>	Willie Wagtail			X
Threskiornithidae	<i>Threskiornis</i>	<i>molucca</i>	White Ibis			X
Amphibia						
Hylidae	<i>Cyclorana</i>	<i>australis</i>	Northern Snapping Frog		X	
Hylidae	<i>Cyclorana</i>	<i>longipes</i>	Long-footed Frog			X
Hylidae	<i>Litoria</i>	<i>caerulea</i>	Green Tree Frog		X	X

Family	Genus	Species	Common Name	Status	Eco-logical (2011)	GHD (2016)
Limnodynastidae	<i>Platyplectrum</i>	<i>ornatum</i>	Ornate Burrowing Frog		X	X
Mammals						
Canidae	<i>Canus</i>	<i>domesticus</i>	Dogs	int	X	X
Dasyuridae	<i>Planigale</i>	<i>ingrami</i>	Long-tailed Planigale			X
Emballonuridae	<i>Saccolaimus</i>	<i>flaviventris</i>	Yellow-bellied Sheath-tailed Bat			X
Felidae	<i>Felis</i>	<i>catus</i>	Feral Cat	int		X
Macropodidae	<i>Macropus</i>	<i>agilis</i>	Agile Wallaby		X	X
Molossidae	<i>Chaerephon</i>	<i>jobensis</i>	Northern Freetail Bat			X
Molossidae	<i>Ozimops</i>	<i>cobourgianus</i>	Little North-western Mastiff Bat	P1		X
Muridae	<i>Pseudomys</i>	<i>delicatus</i>	Delicate Mouse			X
Pteropodidae	<i>Pteropus</i>	<i>alecto</i>	Black Flying Fox		X	X
Phalangeridae	<i>Trichosurus</i>	<i>vulpecula arnhemensis</i>	Northern Brushtail Possum	S3		X
Vespertilionidae	<i>Chalinolobus</i>	<i>nigrogriseus</i>	Hoary Wattled Bat			X
Vespertilionidae	<i>Nyctophilus</i>	<i>arnhemensis/ geoffroyi</i>	Long-eared Bats			X
Vespertilionidae	<i>Scotorepens</i>	<i>greyii</i>	Little Broad-nosed Bat			X
Vespertilionidae	<i>Scotorepens</i>	<i>sanborni</i>	Northern Broad-nosed Bat			X
Reptiles						
Agamidae	<i>Amphibolurus</i>	<i>gilberti gilberti</i>	Gilberts Water Dragon		X	X
Agamidae	<i>Chlamydosaurus</i>	<i>kingii</i>	Friilled Lizard		X	X
Agamidae	<i>Diporiphora</i>	<i>pindan</i>	Pindan Dragon		X	X
Diplodactylidae	<i>Lucasium</i>	<i>stenodactylum</i>	Sandplain Gecko		X	X
Diplodactylidae	<i>Strophurus</i>	<i>ciliaris aberrans</i>	Northern Spiny-tailed Gecko		X	X
Elapidae	<i>Demansia</i>	<i>angusticeps</i>	Dampierlands Whipsnake			X
Elapidae	<i>Brachyuropsis</i>	<i>roperi</i>	Northern Shovel-nosed snake			X
Elapidae	<i>Pseudechis</i>	<i>australis</i>	Mulga Snake			X
Elapidae	<i>Pseudonaja</i>	<i>mengdeni</i>	Gwardar			X
Gekkonidae	<i>Amalosia</i>	<i>Amalosia rhombifer</i>	Zigzag Velvet Gecko			X

Family	Genus	Species	Common Name	Status	Eco-logical (2011)	GHD (2016)
Gekkonidae	<i>Gehyra</i>	<i>australis</i>	Northern Dtella		X	
Gekkonidae	<i>Gehyra</i>	<i>kimberleyi</i>	Robust Termiteria Gecko			X
Gekkonidae	<i>Gehyra</i>	<i>variegata</i>	Tree Dtella			X
Gekkonidae	<i>Heteronotia</i>	<i>binoei</i>	Bynoe's Gecko		X	X
Gekkonidae	<i>Hemidactylus</i>	<i>frennatus</i>	House Gecko	int		X
Scincidae	<i>Carlia</i>	<i>munda</i>	Striped Rainbow Skink		X	X
Scincidae	<i>Cryptoblephorus</i>	<i>tytthos</i>	Pygmy Snake-eyed Skink			X
Scincidae	<i>Ctenotus</i>	<i>inornatus</i>	Plain Ctenotus		X	X
Scincidae	<i>Erimascincus</i>	<i>isolepis</i>	Northern Bar-lipped Skink		X	X
Scincidae	<i>Lerista</i>	<i>griffini</i>	Griffin's Burrowing skink			X
Scincidae	<i>Menetia</i>	<i>greyii</i>	Common Dwarf Skink			X
Scincidae	<i>Tiliqua</i>	<i>multifasciata</i>	Central Blue-tongue			X
Scincidae	<i>Tiliqua</i>	<i>scincoides intermedia</i>	Northern Blue-tongue		X	X
Typhlopidae	<i>Anilius</i>	<i>diversus</i>	Northern Blindsnake			X
Varanidae	<i>Varanus</i>	<i>gouldii</i>	Gould's Monitor			X
Varanidae	<i>Varanus</i>	<i>panpotes panoptes</i>	Yellow-spotted Monitor			X

Key

Int- introduced

X identified Species

S3 – Schedule 3 (Vulnerable) under WC Act

S5 – Schedule 5 (Migratory Birds under international Agreement) under WC Act

S7 – Schedule 7 (other Special Protection) under WC Act

M – Marine under EPBC Act

IA – International Agreement under EPBC Act for Migratory Species

P1 – Priority 1 species under DPaW

Trapping summary nights 1-8

Common Name	Night 1 (11th Mar)				Night 2 (12th Mar)						Night 3 (13th Mar)				
	Site 1		Site 2	Site 3	Site 1	Site 2				Site 3	Site 1		Site 2		Site 3
Frogs	Trap	Act	Trap	Trap	Trap	Trap	Act	Night		Trap	Act	Trap	Act	Trap	Trap
Long-footed Frog															
Green Tree Frog															
Ornate Burrowing Frog													2P		
Mammals															
Dogs*		1						2							
Black Flying Fox															
Feral Cat*															
Agile Wallaby		2					3	1		3				1	
Delicate Mouse			2P												
Freetail or Sheath-tail Bat															
Hoary Wattled Bat															
Long-eared Bats															
Little North-western Mastiff Bat															
Little Broad-nosed Bat															
Northern Broad-nosed Bat															
Northern Brushtail Possum															
Long-tailed Planigale															
Reptiles															
Gilberts Water Dragon		2					3			3					
Friilled Lizard							1			1					
Pindan Dragon		1					1			1		1		1	
Sandplain Gecko								2							
Northern Spiny-tailed Gecko							1	8							
Dampierlands Whipsnake															
Northern Shovel-nosed snake	1P		2F			1F									
Mulga Snake													1P		
Gwardar														1	
Zigzag Velvet Gecko							1								
Robust Termitaria Gecko						1F	8	6							
Tree Dtella															
House Gecko*										1F					1F

	Night 1 (11th Mar)				Night 2 (12th Mar)				Night 3 (13th Mar)			
Bynoe's Gecko			1P2F			1P1F	1	3				
Striped Rainbow Skink		5	1P									
Pygmy Snake-eyed Skink												
Plain Ctenotus	3F	4	1P2F		5F	2E			2F	1	1F1E	1
Northern Bar-lipped Skink	2P2F	1	2P4F	2P1F	2P1F	2P2F			2P4F	2P3F	4	5P5F
Griffin's Burrowing skink	2P		2P1F		2P1F	4P			2P			7F
Common Dwarf Skink									1P			
Central Blue-tongue						1E						
Northern Blue-tongue		1					1		1C	1F		
Northern Blindsnake	1P				1P				1P	1P		
Gould's Monitor												

	Night 4 (14th Mar)				Night 5 (15th Mar)				Night 6 (16th Mar)				Night 7 (17th Mar)				Night 8		Total number
Common Name	Site 1	Site 2	Site 3		Site 1	Site 2	Site 3	Act	Site 1	Site 2	Site 3		Site 1	Site 2	Site 3		Site 2		
Frogs	Trap	Trap	Trap	Nig	Trap	Trap	Trap	Act	Trap	Trap	Trap	Bat	Trap	Trap	Bat	Trap	Nig	Trap	Trap
Long-footed Frog	1P																		1
Green Tree Frog				1															1
Ornate Burrowing Frog										1P									3
Mammals																			
Dogs*								1									2		6
Black Flying Fox				1															1
Feral Cat*								1								1A	1		3
Agile Wallaby								1											11
Delicate Mouse																			2
Freetail or Sheathail Bat												X			X				X
Hoary Wattled Bat												X			X				X
Long-eared Bats												X							X
Little North-western Mastiff Bat												X							X
Little Broad-nosed Bat												X			X				X

Northern Broad-nosed Bat																				X
Northern Brushtail Possum													1T							1
Long-tailed Planigale													1P							1
Reptiles																				
Gilberts Water Dragon							1													9
Friilled Lizard																				2
Pindan Dragon	1A						1													7
Sandplain Gecko																				2
Northern Spiny-tailed Gecko				8							1F						1			19
Dampierlands Whipsnake									1F							1F			1P3F	6
Northern Shovel-nosed snake						1F													1F	6
Mulga Snake							2F													3
Gwardar										1F										2
Zigzag Velvet Gecko				1																2
Robust Termiteria Gecko			3F	7	1F		2F				2F			2F		2F			1F	35
Tree Dtella										1F										1
House Gecko*																				2
Bynoe's Gecko		3F		2		2P2F				1P3F				6P2F				2F		32
Striped Rainbow Skink																1		1F		8
Pygmy Snake-eyed Skink																		1P		1
Plain Ctenotus	1F	2F			2F	1F1E	1	2F1C	1P			1F	2F1E		1E					40
Northern Bar-lipped Skink	5F	1F	3P3F		2F		2F	5			1P		1P	1F		4F	2			79
Griffin's Burrowing skink	2P1F	1P	2P		1P			1	2P	2P	4P			2P		1P				33
Common Dwarf Skink		1P												1P						3
Central Blue-tongue						1F														2

Northern Blue-tongue	1E	1P			1C	1C			1F1C										10
Northern Blindsnake			1P																5
Gould's Monitor					1E			1									1F		3

Key

Trap – Recorded via trapping program

Act – Recorded via active searches

Nig – Recorded via night searches

Bat – Recorded via bat detectors

A- Active individual, F – Funnel trap, P – Pit Trap, C – Cage Trap, E – Elliott Trap

Avian Surveys within the Survey area.

Family	Genus	Species	Common Name	Status	Survey 1	Survey 2	Survey 3	Survey 4	
					60 min	110 min	60 min	120 min	Total
Birds					11.3.16	12.3.16	16.3.16	17.3.16	
Acanthizidae	Smicronis	brevirostris	Weebill					7	7
Accipitridae	Accipiter	cirrocephalus	Collared Sparrowhawk					1	1
Accipitridae	Aquila	morphnoides	Little Eagle		1				1
Accipitridae	Haliastur	indus	Brahmany Kite			2		1	3
Accipitridae	Haliastur	sphenurus	Whistling Kite		1	1			2
Accipitridae	Milvus	migrans	Fork-tailed Kite		1			1	2
Accipitridae	Pardion	haliaetus	Osprey	S5, IA		1			1
Artamidae	Artamus	cinereus	Black-faced Woodswallow					8	8
Artamidae	Artamus	personatus	Masked Woodswallow			2			2
Artamidae	Cracticus	nigrogularis	Pied Butcherbird		1		1		2
Artamidae	Cracticus	tibicen	Australian Magpie				2		2
Cacatuidae	Cacatua	sanguinea sanguinea	Little Corella		20		4		24
Cacatuidae	Eolophus	roseicapillus	Galah				2		2
Campephagidae	Coracina	novaehollandiae novaehollandiae	Black-faced Cuckoo-Shrike		2	1	2	2	7
Campephagidae	Lalage	sueurii	White-winged Triller			1			1
Columbidae	Geopelia	striata	Peaceful Dove		4	2	1	2	9
Columbidae	Geopelia	humeralis	Bar-shouldered Dove		1		2		3
Columbidae	Ocyphaps	lophotes	Crested Pigeon		6		2	2	10
Coraciidae	Eurystomus	orientalis	Dollarbird		1	1		2	4
Corvidae	Corvus	orru	Torresian Crow		2			2	4
Cuculidae	Centropus	phasianinus phasianinus	Pheasant Coucal			1			1
Estrildidae	Poephila	acuticauda	Long-tailed Finch		4				4
Estrildidae	Taeniopygia	bichenovii	Double -barred Finch		2	6		2	10
Falconidae	Falco	berigora berigora	Brown Falcon				1		1
Falconidae	Falco	longipennis	Hobby Falcon		1				1
Falconidae	Falco	peregrinus	Peregrine Falcon	S7		1			1

Family	Genus	Species	Common Name	Status	Survey 1	Survey 2	Survey 3	Survey 4	
Halcyonidae	<i>Dacelo</i>	<i>leachii leachii</i>	Blue-winged Kookaburra		1	2			3
Halcyonidae	<i>Todiramphus</i>	<i>sanctus</i>	Sacred Kingfisher		1				1
Maluridae	<i>Malurus</i>	<i>lamberti</i>	Variegated Fairy-wren			2			2
Maluridae	<i>Malurus</i>	<i>melanocephalus cruentatus</i>	Red-backed Fairy-wren		4	4			8
Maluridae	<i>Manorina</i>	<i>flavigula</i>	Yellow Throated Miner		2				2
Meliphagidae	<i>Conopophila</i>	<i>rufogularis</i>	Rufous-throated Honeyeater					2	2
Meliphagidae	<i>Entomyzon</i>	<i>cyanotis</i>	Blue-faced Honeyeater		1				1
Meliphagidae	<i>Lichenostomus</i>	<i>unicolor</i>	White-gaped Honeyeater			1	1		2
Meliphagidae	<i>Lichenostomus</i>	<i>virescens</i>	Singing Honeyeater		2	1	2	2	7
Meliphagidae	<i>Lichmera</i>	<i>indistincta indistincta</i>	Brown Honeyeater		1	4	2		7
Meliphagidae	<i>Melithreptus</i>	<i>gularis</i>	Black-chinned Honeyeater					2	2
Meliphagidae	<i>Philemon</i>	<i>argenteiceps</i>	Silver-crowned Frailbird		2				2
Meliphagidae	<i>Philemon</i>	<i>citreogularis citreogularis</i>	Little Friarbird		8	6	5	12	31
Meropidae	<i>Merops</i>	<i>ornatus</i>	Rainbow Bee-eater	S5, M	2	1		2	5
Monarchidae	<i>Grallina</i>	<i>cyanoleuca</i>	Magpie-lark		4	2	2	2	10
Monarchidae	<i>Myiagra</i>	<i>inquieta</i>	Restless Flycatcher			1			1
Nectariniidae	<i>Dicaeum</i>	<i>hirundinaceum</i>	Mistletoebird		6	2	2	6	16
Pachycephalidae	<i>Pachycephala</i>	<i>rufiventris</i>	Rufous Whistler			1		1	2
Pardalotidae	<i>Pardalotus</i>	<i>striatus</i>	Striated Pardalote			2		1	3
Petroicidae	<i>Microeca</i>	<i>flavigaster</i>	Lemon bellied Flycatcher			1			1
Pomatostomidae	<i>pomatostomus</i>	<i>temporalis</i>	Grey-crowned Babbler		4		2	4	10
Psittacidae	<i>Aprosmictus</i>	<i>erythropterus coccineopterus</i>	Red-winged Parrot		4	8	6	8	26
Psittacidae	<i>Trichoglossus</i>	<i>haematodus rubritorquis</i>	Red Collared Lorikeet		6	4	2	6	18
Psittacidae	<i>Psitteuteles</i>	<i>versicolor</i>	Varied Lorikeet		3				3
Ptilonorhynchidae	<i>Ptilonorhynchus</i>	<i>nuchalis nuchalis</i>	Great Bowerbird		1		2	2	5
Rhipiduridae	<i>Rhipidura</i>	<i>leucophrys</i>	Willie Wagtail			1		1	2
Threskiornithidae	<i>Threskiornis</i>	<i>molucca</i>	White Ibis		4	1			5

Key

S5 – Schedule 5 (Migratory Birds under international Agreement) under WC Act

S7 – Schedule 7 (other Special Protection) under WC Act

IA – International Agreement under EPBC Act for Migratory Species

M – Marine under EPBC Act

Fauna Likelihood of Occurrence

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
Birds							
<i>Falco hypoleucos</i> (Grey Falcon)	VU	-	-	Y	-	The Grey Falcon inhabits lightly timbered country, especially stony plains and lightly timbered acacia scrub. This species is considered scarce to rare and is usually found singularly or sometimes in pairs (Morcombe 2004). In Pilbara and Southern Kimberley WA, the grey falcon is very rare. The distribution of the Grey Falcon is centred on inland drainage systems, where it frequents timbered lowland plains, particularly acacia shrublands cross by tree-lined watercourses. It also hunts in treeless areas and frequents tussock grassland and open woodland, especially in winter, but it generally avoids deserts.	<u>Likely- opportunistic use</u> <u>Habitat:</u> Habitat is available for this species in Pindan Shrublands. <u>Records</u> Numerous records in WA and several individuals have been recorded in Broome with the most recent in 2002.
<i>Rostratula benghalensis subsp. australis</i> (Australian Painted Snipe)	EN	EN	-	Y	Y	The Australian Painted Snipe is rarely seen as it is extremely secretive, keeping to dense vegetation of swamps, emerging only in subdued light of dawn and dusk. The preferred habitat of this species includes surrounds and shallows of wetlands that are well vegetated with dense low cover (Morcombe 2004).	<u>Unlikely</u> <u>Habitat:</u> No habitat is present on site for this species to utilise. <u>Records</u> Numerous records in the Broome region both south and east. Several individuals have been recorded on the Roebuck Plains (associated with Roebuck Bay) with the most recent in 2004.
<i>Tyto novaehollandiae subsp. kimberli</i> (Masked Owl)	P1	V	-	-	Y	The distribution of the northern sub-species of the Masked Owl is poorly known, however it is thought to occur in three subpopulations including the Kimberley, Northern Territory and Cape York. In the Kimberley region, the species occurs from Yampi Sound north-east to Cambridge Gulf, including Windjana Gorge and Augustus Island. The Masked Owl inhabits a variety of habitats from riparian forest, rainforest, open forest, Melaleuca swamps and the edges of mangroves, as well as along the margins of sugar cane fields (DotE 2014a).	<u>Unlikely</u> <u>Habitat:</u> Limited habitat is present on site for this species to utilise and the species is not known to occur in the area. <u>Records</u> No records are present in the Broome region the species is known from the Kimberley bioregion.

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
<i>Erythrotriorchis radiatus</i> (Red Goshawk)	V	V	-	-	Y	The Red Goshawk occurs in coastal and sub-coastal areas in wooded and forested lands of tropical and warm-temperate Australia (Marchant & Higgins 1993). Riverine forests are also used frequently (Debus 1991, 1993). Such habitats typically support high bird numbers and biodiversity, especially medium to large species which the goshawk requires for prey. The Red Goshawk nests in large trees, frequently the tallest and most massive in a tall stand, and nest trees are invariably within one km of permanent water (Aumann & Baker-Gabb 1991; Debus & Czechura 1988b).	Unlikely <u>Habitat:</u> Limited habitat is present on site for this species to utilise and the species is not known to occur in the area. <u>Records</u> No records are present in the Broome region the species is known from the Kimberley bioregion.
<i>Falco peregrinus subsp. macropus</i> (Australian Peregrine Falcon)	SP, S7	-	-	Y	-	The Peregrine Falcon is uncommon but wide-ranging across Australia. Habitat is extremely diverse, from rainforest to arid scrub, from coastal heath to alpine. The Peregrine Falcon nests primarily on ledges of cliffs, shallow tree hollows, and ledges of building in cities (Morcombe 2004).	Known- opportunistic use <u>Habitat:</u> Habitat is available for this species in Pindan Shrublands. <u>Records</u> Numerous records in the Broome area with records documented regularly, the last being in 2009. One individual was recorded on site.
<i>Gallinago megala</i> (Swinhoe's Snipe)	IA, S5	-	-	Y	-	Swinhoe's Snipe breeds in central and southern Siberia. Few definite records exist for Swinhoe's Snipe in Australia. The species has been recorded in the north between the Kimberley Divide and Cape York Peninsula. In Western Australia the species has been recorded in Pilbara, the Kimberley region, Mount Goldsworthy, Mount Blaize and in the north-west regions around the Mitchell Plateau. Habitat specific to Australia includes the dense clumps of grass and rushes round the edges of fresh and brackish wetlands. This includes swamps, billabongs, river pools, small streams and sewage ponds. They are also found in drying claypans and inundated plains pitted with crab holes.	Unlikely <u>Habitat:</u> No habitat is present on site for this species to utilise. <u>Records</u> Numerous records in the Broome region. Several individuals have been recorded in the northern area of Roebuck Bay and on the Roebuck Plains (associated with Roebuck Bay) with the most recent in 2009.

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
<i>Gallinago stenura</i> (Pin-tailed Snipe)	IA, S5	-	-	Y	-	The species distribution within Australia is not well understood. There are confirmed records from NSW, south-west Western Australia, Pilbara and the Top End. In NSW a single banded bird was reported near West Wyalong. In Western Australia the species was reported at Pilbara, Port Headland, Myaree Pool, Maitland River and near Karratha. In the Broome area the species is known from Roebuck Bay. The Pin-tailed Snipe has also been reported on the Cocos-Keeling Islands as well as Christmas Island. During non-breeding period the Pin-tailed Snipe occurs most often in or at the edges of shallow freshwater swamps, ponds and lakes with emergent, sparse to dense cover of grass/sedge or other vegetation. The species is also found in drier, more open wetlands such as claypans in more arid parts of species' range. It is also commonly seen at sewage ponds; not normally in saline or inter-tidal wetlands.	Unlikely <u>Habitat:</u> No habitat is present on site for this species to utilise. <u>Records</u> Two records in coastal Broome region. Individuals have been recorded in the northern area of Roebuck Bay with the most recent in 2004.
<i>Elanus scriptus</i> (Letter-winged Kite)	P4	-	-	Y	-	The letter-winged kite is a conspicuous raptor with a core range in central Australia. The adult is a small and graceful, predominantly pale grey and white, bird with black shoulders and red eyes. Breeding is eruptive in response to population booms of the Long-haired Rat during good times. The letter-winged Kite is able to achieve a sudden population increase and during this time disperses in search of resources. The species is rarely recorded in Western Australia but has been seen in the Carnarvon, northern Deserts and Kimberley region during a population boom.	Unlikely- may occasionally have opportunistic use <u>Habitat:</u> Habitat is available for this species in Pindan Shrublands. <u>Records</u> Very few records in WA, however two individuals have been recorded in Broome in 1994.
<i>Erythrura gouldiae</i> (Gouldian Finch)	P4	EN	-	Y	Y	The Gouldian Finch inhabits open woodlands that are dominated by <i>Eucalyptus</i> trees and support a ground cover of <i>Sorghum</i> and other grasses (Boekel 1980b). The critical components of suitable core habitat for the Gouldian Finch appear to be the presence of favoured annual and perennial grasses (especially <i>Sorghum</i>), a nearby source of surface water and, in the breeding season, unburnt hollow-bearing <i>Eucalyptus</i> trees (especially <i>E. tintinnans</i> , <i>E. brevifolia</i> and <i>E.</i>	Unlikely- may occasionally have opportunistic use <u>Habitat:</u> Habitat is available for this species in Pindan Shrublands however no water sources are present. <u>Records</u>

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
						<i>leucophloia</i>) (Higgins <i>et al.</i> 2006a).	Two very old records are preserved in the Western Australian Museum from a Broome location however no recent records are present. In 2010 a small flock was recorded at County Downs Station on Cape Leveque.
<i>Ixobrychus flavicollis</i> subsp. <i>australis</i> (Australian Black Bittern)	P1	-	-	Y	-	The Black Bittern has a wide distribution, from the southern NSW north to Cape York and along the entire northern coast to the Kimberley region. The species also occurs in the south-western corner of Western Australia (Marchant & Higgins 1990). The Australian Black Bittern occurs in diverse wetlands, estuarine and littoral and requires dense water-edge vegetation, even if only a narrow fringe. Habitats also include dense surrounds of freshwater springs and billabongs, and tidal reaches of creeks and rivers (Morcombe 2004)."	Unlikely <u>Habitat:</u> No habitat is present on site for this species to utilise. <u>Records</u> Numerous records in the Kimberley region with only one record from Broome. This record is from 1999 and was recorded within the Roebuck Plains east of the survey area.
<i>Ixobrychus minutus</i> (Little Bittern)	P4	-	-	Y	-	This secretive bird species occurs in the north-east of the Kimberley, across to the Northern Territory. The Little Bittern tends to inhabit freshwater swamps, lakes and rivers with dense reedbeds, tall sedges and well-vegetated margins, rarely emerging into the open (Morcombe, 2003). It can also occur in brackish-saline mangroves, salt marsh and coastal lagoons. The Little Bittern camouflages itself by freezing in pose to mimic the narrow, vertical shape and colour of reeds (Morcombe, 2003). The species breeds mainly between October and January in Australia. It breeds singly or occasionally in small loose groups in favourable areas. The nest is constructed from reeds and twigs and is generally placed near open pools in thick emergent vegetation close to the surface of the water. The Little Bittern feeds on insects, fish and amphibians. This species is threatened by habitat degradation and loss through direct destruction, pollution and hydrological changes.	Unlikely <u>Habitat:</u> No habitat is present on site for this species to utilise. <u>Records</u> Scattered records in the Kimberley region with only two records from Broome. These records are from 1900 and 2001 and from within the Coconut Wells wetlands north of Broome.
<i>Merops ornatus</i> (Rainbow Bee-eater)	IA, S5	M	-	Y	Y	The Rainbow Bee-eater occurs mainly in open forests and woodlands, shrublands, and in various cleared or	Known- both breeding habitat and foraging

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
						<p>semi-cleared habitats, including farmland and areas of human habitation (Higgins 1999). It usually occurs in open, cleared or lightly-timbered areas that are often, but not always, located in close proximity to permanent water (Badman 1979; Boekel 1976; Fry 1984; Roberts 1979; Storr 1984a, 1984b, 1985a in DotE 2015). It also occurs in inland and coastal sand dune systems, and in mangroves in northern Australia, and has been recorded in various other habitat types including heathland, sedgeland, vine forest and vine thicket, and on beaches (Higgins 1999).</p> <p>The movement patterns of the Rainbow Bee-eater are complex, and are not fully understood. Populations that breed in southern Australia are migratory. After breeding, they move north and remain there for the duration of the Australian winter. However, populations that breed in northern Australia are considered to be resident, and in many northern localities the Rainbow Bee-eater is present throughout the year (Emison <i>et al.</i> 1987; Lane 1963; Morris <i>et al.</i> 1981; Saunders & Ingram 1995; Serventy 1948; Serventy & Whittell 1976; Terrill & Rix 1950 in DotE 2015).</p>	<p><u>Habitat:</u> Habitat is available for this species in both Woodlands and Pindan Shrublands.</p> <p><u>Records</u> Numerous records in the Broome area with records documented regularly, the last being in 2016. During this survey the species was recorded at several locations around the site.</p>
<i>Polytelis alexandrae</i> (Princess Parrot)	P4	V	-	Y	Y	<p>The Princess Parrot inhabits sand dunes and sand flats in the arid zone of western and central Australia. It occurs in open savanna woodlands and shrublands that usually consist of scattered stands of <i>Eucalyptus</i> (including <i>E. gongylocarpa</i>, <i>E. chippendalei</i> and mallee species), <i>Casuarina</i> or <i>Allocasuarina</i> trees; an understorey of shrubs such as <i>Acacia</i> (especially <i>A. aneura</i>), <i>Cassia</i>, <i>Eremophila</i>, <i>Grevillea</i>, <i>Hakea</i> and <i>Senna</i>; and a ground cover dominated by <i>Triodia</i> species (Allen 1987; Baxter & Henderson 2000;). It also frequents <i>Eucalyptus</i> or <i>Allocasuarina</i> trees in riverine or littoral areas (Carter 1993b).</p>	<p><u>Unlikely- possible vagrant with occasional opportunistic use</u></p> <p><u>Habitat:</u> Habitat is available for this species in both Woodlands and Pindan Shrublands.</p> <p><u>Records</u> Very few records in WA, with most records being from the central desert areas. One record is from Broome town however this record is dubious and potentially an escaped aviary bird.</p>
<i>Ardea ibis</i>	IA, S5	MIT	-	Y	Y	<p>The Cattle Egret occurs in tropical and temperate grasslands, wooded lands and terrestrial wetlands. It</p>	<p><u>Unlikely- may occasionally have opportunistic use</u></p>

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
(Cattle Egret)						has occasionally been seen in arid and semi-arid regions however this is extremely rare. High numbers have been observed in moist, low-lying poorly drained pastures with an abundance of high grass; it avoids low grass pastures. It uses predominately shallow, open and fresh wetlands including meadows and swamps with low emergent vegetation and abundant aquatic flora. They have sometimes been observed in swamps with tall emergent vegetation (Marchant & Higgins 1990).	<p><u>Habitat:</u> Limited habitat is available for this species.</p> <p><u>Records</u> Numerous records in the Kimberley region with scattered records from Broome. Most records are associated to Roebuck Bay and the Roebuck Plains east of the survey area.</p>
<i>Ardea modesta</i> (Eastern Great Egret)	IA, S5	MIT	-	Y	Y	The Eastern Great Egret has been reported in a wide range of wetland habitats (for example inland and coastal, freshwater and saline, permanent and ephemeral, open and vegetated, large and small, natural and artificial). These include swamps and marshes; margins of rivers and lakes; damp or flooded grasslands, pastures or agricultural lands; reservoirs; sewage treatment ponds; drainage channels; salt pans and salt lakes; salt marshes; estuarine mudflats, tidal streams; mangrove swamps; coastal lagoons; and offshore reefs. The Eastern Great Egret may retreat to permanent wetlands or coastal areas when other wetlands are dry (for example, during drought). This may occur annually in some regions with regular wet and dry seasons or erratically where the availability of wetland habitat is also erratic (Marchant & Higgins 1990).	<p>Unlikely</p> <p><u>Habitat:</u> No wetland habitat is available for this species.</p> <p><u>Records</u> Numerous records in the Kimberley region with scattered records from Broome. Most records are associated to Roebuck Bay, Willies Creek, Coconut well wetland and the Roebuck Plains east of the survey area.</p>
<i>Plegadis falcinellus</i> (Glossy Ibis)	IA, S5	-	-	Y	-	The Glossy Ibis' preferred habitat for foraging and breeding are fresh water marshes at the edges of lakes and rivers, lagoons, flood-plains, wet meadows, swamps, reservoirs, sewage ponds, rice-fields and cultivated areas under irrigation. The species is occasionally found in coastal locations such as estuaries, deltas, saltmarshes and coastal lagoons. Within Australia, the largest contiguous areas of prime habitat are in inland and northern floodplain areas (Marchant & Higgins 1990).	<p>Unlikely</p> <p><u>Habitat:</u> No wetland habitat is available for this species.</p> <p><u>Records</u> Numerous records in the Kimberley region with scattered records from Broome. Most records are associated to Roebuck Bay, Willies Creek and the Roebuck Plains east of the survey area.</p>

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
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<i>Cecropis daurica</i> (Red-rumped Swallow)	IA, S5	MIT	-	-	Y	The Red-rumped Swallow is a small member of the swallow family. It breeds in open hilly country of temperate southern Europe and Asia from Portugal and Spain to Japan, India and tropical Africa. They winter in Africa or India and are vagrants to Christmas Island and northern Australia. The species prefers to hunt for flying insects over open plains.	Highly Unlikely <u>Habitat:</u> Limited habitat is available for this species. <u>Records</u> No records from Broome.
<i>Cuculus saturatus subsp optatus</i> (Oriental Cuckoo)	IA, S5	MIT	-	Y	Y	The Oriental Cuckoo is a vagrant to Australia visiting much of Northern Australia and the east coast. A solitary species that prefers dense foliage in rain forests, monsoonal thickets, vine scrub, riverine vegetation forests and paperbark swamps (Morcombe 2004). This species tends to be uncommon.	Unlikely- possible vagrant with occasional opportunistic use <u>Habitat:</u> Limited habitat is available for this species. <u>Records</u> No records from Broome.
<i>Glareola maldivarum</i> (Oriental Pratincole)	IA, S5	-	-	Y	-	In non-breeding grounds in Australia, the Oriental Pratincole usually inhabits open plains, floodplains or short grassland (including farmland or airstrips), often with extensive bare areas. They often occur near terrestrial wetlands, such as billabongs, lakes or creeks, and artificial wetlands such as reservoirs, salt works and sewage farms, especially around the margins. The species also occurs along the coast, inhabiting beaches, mudflats and islands, or around coastal lagoons (Lloyd and Lloyd 1991).	Unlikely <u>Habitat:</u> No grass or open plain habitat is available for this species. <u>Records</u> Numerous records in the Kimberley region with scattered records from Broome. Most records are associated to Roebuck Bay, Willies Creek and the Roebuck Plains east of the survey area.
<i>Hirundapus caudacutus</i> (White-throated Needletail)	IA, S5	-	-	Y	-	White-throated Needletails are a non-breeding migrant to Australia. The species migrates from its breeding grounds in the northern hemisphere in about October each year and leave somewhere between May and August. Typically the species is known from good numbers across eastern Australia however the species has been observed in the Broome area. White-throated Needletails are mostly an aerial species however they are known to roost in tree. Feeding is undertaken on the wing and primarily consists of flying insects, such as termites, ants,	Unlikely- non-breeding, occasional seasonal visitor with occasionally opportunistic use <u>Habitat:</u> Limited habitat is available for this species. <u>Records</u> One record from Broome in 2000. No other records in WA.

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
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						beetles and flies (Birdlife Australia 2016).	
<i>Apus pacificus</i> (Fork-tailed Swift)	IA, S5	-	-	Y	-	In south-west WA there are sparsely scattered records along the south coast, ranging from the Eyre Bird Observatory and west to Denmark. They are widespread in coastal and sub-coastal areas between Augusta and Carnarvon, including some on nearshore and offshore islands. This species is almost exclusively aerial, flying less than 1 m to at least 300 m above ground. This species is considered rare in the south-west region (DSEWPac 2013)	<u>Unlikely- may occasionally have opportunistic use</u> <u>Habitat:</u> Limited habitat is available due to this species being exclusively aerial. <u>Records</u> Numerous records from around Broome however mostly associated to the Roebuck Plains.
<i>Hirundo rustica</i> (Barn Swallow)	IA, S5	MiT	-	Y	Y	In Australia, the Barn Swallow is recorded in open country in coastal lowlands, often near water, towns and cities. Birds are often sighted perched on overhead wires, and also in or over freshwater wetlands, paperbark Melaleuca woodland, mesophyll shrub thickets and tussock grassland.	<u>Unlikely- may occasionally have opportunistic use</u> <u>Habitat:</u> Limited habitat is available due no water bodies or wetlands present in the area. <u>Records</u> Numerous records from around Broome however mostly associated to the Roebuck Plains, Willies Creek and Broome town ship.
<i>Motacilla cinerea</i> (Grey Wagtail)	IA, S5	MiT	-	-	Y	Like the Yellow Wagtail the Grey is a migratory species that regularly visits northern Australia particularly the area from Broome to Darwin (Morcombe 2004). The species prefers coastal habitat near to water where it prefers to forage. However the species has been recorded further inland feeding on plains (Morcombe 2004).	<u>Unlikely- non-breeding seasonal visitor, may occasionally have opportunistic use</u> <u>Habitat:</u> Limited habitat is available due no water bodies, plains or wetlands present in the area. <u>Records</u> No records from Broome.
<i>Motacilla flava</i> (Yellow Wagtail)	IA, S5	MiT	-	Y	Y	A migratory species that regularly visits northern Australia particularly the area from Broome to Darwin (Morcombe 2004). The species prefers coastal habitat near to water where it prefers to forage. However the	<u>Unlikely- non-breeding seasonal visitor, may occasionally have opportunistic use</u>

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
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						species has been recorded further inland feeding on plains (Morcombe 2004).	<u>Habitat:</u> Limited habitat is available due no water bodies, plains or wetlands present in the area. <u>Records</u> Two records from Broome, 2002 and 2003.
Osprey (<i>Pandion haliaetus</i>)	IA, S5	MIT			Y	The Osprey occur in littoral and coastal habitats and terrestrial wetlands of tropical and temperate Australia and offshore islands. They are mostly found in coastal areas but occasionally travel inland along major rivers, particularly in northern Australia. They require extensive areas of open fresh, brackish or saline water for foraging (Marchant & Higgins 1993). They frequent a variety of wetland habitats including inshore waters, reefs, bays, coastal cliffs, beaches, estuaries, mangrove swamps, broad rivers, reservoirs and large lakes and waterholes. They exhibit a preference for coastal cliffs and elevated islands in some parts of their range, but may also occur on low sandy, muddy or rocky shores and over coral cays.	<u>Known- opportunistic use</u> <u>Habitat:</u> Habitat is not typical for this species as it requires a marine environment to persist. <u>Records</u> Numerous records along the Broome coastline with records documented regularly, the last being in 2015. One individual was recorded utilising light pole alongside the survey area. The habitat in the survey area is not considered typical for this species. Utilising the light poles would be for loafing only.
Mammals							
<i>Hydromys chrysogaster</i> (Water-rat)	P4	-	-	Y	-	The Water Rat lives in the vicinity of permanent bodies of fresh or brackish water, from sub-alpine streams to lakes and farm dams, and on sheltered coastal beaches, mangroves and offshore islands. It can travel considerable distance overland and is an occasional vagrant to temporary waters. Water Rat's dens are made at the end of tunnels in banks and occasionally in logs (Van Dyck and Strahan 2008).	<u>Unlikely</u> <u>Habitat:</u> No wetland or riverine or estuarine habitat is available for this species. <u>Records</u> One record from Broome in 1971. No other records in the region.
<i>Trichosurus vulpecula arnhemensis</i> (Northern Brushtail Possum)	V		X	Y		<i>Trichosurus vulpecula arnhemensis</i> is a sub species of the Common Brushtail Possum (<i>Trichosurus vulpecula vulpecula</i>), with its most distinguishing feature being its geographic range and in Western Australia and a smaller tail length. In Western Australia the subspecies is known from the Kimberley	<u>Known- both breeding habitat and foraging</u> <u>Habitat:</u> Habitat is available for this species in both Woodlands and Pindan Shrublands.

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
						and Pilbara regions and is also found on Barrow Island (Nowak, 1999). The Northern Brushtail Possum is able to live in a variety of habitats, including residential areas, vine thickets, forests, woodlands and areas without trees that offer caves and burrows for shelter (such as those on Barrow Island). Typically the species is a nocturnal and solitary however the Northern Brushtail Possum has been known to partake in den sharing and to have a certain amount of tolerance for other individuals (Kerle, 1991). Males may occupy a territory of up to 4 hectares and females, up to 2 ha (Ganslosser, 1990).	<u>Records</u> Numerous records in the Broome area and township with records documented regularly, the last being in 2016. Tracks of this species were recorded during the field survey.
<i>Macrotis lagotis</i> (Bilby)	V	V	-	Y	Y	The Greater Bilby distribution in Western Australia is restricted to the north, including the Pilbara, Sandy, Gibson Desert and Dampier Peninsular. The Greater Bilby usually spends the daytime in burrows, often built against termite mounds, spinifex hummock or shrubs (Van Dyck and Strahan 2008). Extant population of the Greater Bilby occur in a variety of habitats, usually on landforms with level to low slope topography and light to medium soils. It occupies three major vegetation types; open tussock grassland on uplands and hills, mulga woodland/shrubland growing on ridges and rises, and hummock grassland in plains and alluvial areas. Laterite and rock feature substrates are an important part of Greater Bilby habitat. These habitat support shrub species, such as <i>Acacia</i> and <i>dodonaea</i> , which have root-dwelling larvae that provide a constant food source for the Greater Bilby. After dark they leave their burrows to feed and populations are known to move long distances when current habitat ranges become unsuitable. Bilbies are largely solitary, widely dispersed and found in low numbers. The current occurrence of the Greater Bilby is strongly associated with higher rainfall and temperatures, which promote areas of higher plant and food production. The Greater Bilby may also prefer these conditions as higher rainfall and temperatures are not well tolerated	<u>Unlikely</u> <u>Habitat:</u> Habitat is available for this species in Pindan Shrublands, however the site is in town and has regular disturbances from locals and feral animals. Although the site is typical habitat the likelihood of their presence is low and the species was not recorded during the surveys. <u>Records</u> Numerous records in the Broome area with records documented regularly, the last being in 2016.

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
						by foxes (Pavey 2006; Southgate <i>et al.</i> 2007).	
<i>Mesembriomys macrurus</i> (Golden-backed Tree-rat)	P4	-	-	Y	-	The Golden-backed Tree Rat is recorded utilising habitats in the Kimberley as rainforest patches on volcanic, lateritic, sandstone and floodplain surfaces, Eucalypt-dominated woodlands over tussock or hummock grasslands on volcanic hill country. Lateritic uplands (with <i>Livistona sp.</i>), Black soil plains (with <i>Pandanus sp.</i>), Rugged sandstone screes and coastal beaches adjacent to the above communities or mangroves (Palmer <i>et al.</i> 2003).	Unlikely <u>Habitat:</u> Habitat is present on site for this species to utilise. <u>Records</u> Three records from 1895 located north of Broome town site at a site called watershed. No other records are from this area with the next closest record in Derby. The species is primarily known to occur in the north-western Kimberley region.
<i>Saccolaimus saccolaimus subsp. nudicluniatus</i> (Bare-rumped Sheathtail Bat)	-	CR	-	-	Y	The bare-rumped sheathtail bat is a large insectivorous bat. The fur is dark red-brown to almost black, with white speckles, and this fur doesn't extend to the rump. This species has a wide distribution from India through south-eastern Asia to the Solomon Islands, and including northern and eastern Australia. The north-eastern Australian populations are described as the subspecies <i>S. s. nudicluniatus</i> . This is a high-flying insectivorous bat. Specimens have been collected from open Pandanus woodland, eucalypt tall open forests and coastal lowlands, including eucalypt woodlands and rainforests (Churchill 1998, Duncan <i>et al.</i> 1999). It roosts in tree hollows and caves (Duncan <i>et al.</i> 1999).	Unlikely <u>Habitat:</u> This species is not known from the region although some habitat is present for the species. <u>Records</u> This species is only known from two populations in the Northern Territory and Queensland. The species prefers heavily wooded areas where it shelters in tree hollows (Churchill 1998).
<i>Ozimops cobourgiensis</i> (Little North-western Mastiff Bat)	P1	-	X	Y		The Little North-western Mastiff Bat is known from 12 locations in Western Australia (DPaW 2007–) and four in the Northern Territory, and within this distribution it is restricted to a few localised habitats, and can appear to be locally common because it aggregates. In Western Australia, this species inhabits mangrove stands, and has been recorded roosting in hollows and or crevices in mangroves (van Dyck <i>et al.</i> 2013). There are records of the Little North-western Mastiff Bat from mangroves near Cape Leveque and on the	Known- opportunistic use foraging habitat only <u>Habitat:</u> No roosting habitat available for this species, however the habitat maybe utilised as foraging. <u>Records</u> Numerous records in the Broome area and township with records documented regularly, the

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
						Dampier Peninsula.	last being in 2016. This species was record via bat detection.
<i>Wyulda squamicaudata</i> (Scaly-tailed Possum)	P3	-	-	Y	-	The scaly-tailed possum is only found in north-western Australia in the Kimberley region. The species is monotypic in its genus, it is sometimes known simply by its genus — the Wyulda. The possum has a limited range and is found in high rainfall coastal regions of the north Kimberley between Yampi Sound and Kalumburu, as well as further inland in the east Kimberley at Emma Gorge and near the Bungle Bungles. Populations also inhabit Bigge Island and Boongaree Island of the northwest coast. The preferred habitat of this animal is sandstone based woodlands where it can shelter in rock piles and fissures and feed in the trees at night (Van Dyck <i>et al.</i> 2003).	Unlikely <u>Habitat:</u> No habitat is present on site for this species to utilise (ie rock and woodlands in association). <u>Records</u> One record (1970) located at Broome town site however the descriptive location of this record is from the Shire of Broome which means the location is general and likely incorrect. All other records of the species are from the north-west Kimberley, Kununurra or Bungle Bungles
<i>Xeromys myoides</i> (Water Mouse)	-	VU	-	-	Y	Although the water mouse had been documented in three distinct locations (Northern Territory, central south Queensland, south-east Queensland) they require similar habitat including mangroves and the associated saltmarsh, sedgeland, clay pans, heathlands and freshwater wetlands. The water mouse creates nests which are important for breeding and refuge from high tide and predators. The Water Mouse constructs five types of nests: free-standing, termitarium-like mound nests or mounds at the base of mangrove trees (e.g. <i>Avicennia marina</i>), mound nests on small elevated 'islands' within the tidal zone, mound nests or holes in supralittoral banks; nests inside hollow tree trunks, and nests in spoil heaps created as a result of human activity (Van Dyck & Gynther 2003; Van Dyck <i>et al.</i> 2003).	Highly Unlikely <u>Habitat:</u> No habitat is available for this species. <u>Records</u> No records from Broome.
Reptiles							
<i>Ctenotus angusticeps</i> (Airlie Island Ctenotus)	V	V	-	Y	Y	This species was formerly known from only two widely separated localities in Western Australia: Airlie Island, off the north-west coast and Roebuck Bay. On Airlie Island it inhabits Acacia shrublands, coastal spinifex	Highly Unlikely <u>Habitat:</u>

Species	Status		Desktop Search			Ecology and habitat	Likelihood of occurrence
	WC Act	EPBC Act	Add	NM	PMST		
						and tussock grasses. On the mainland, the species generally inhabits samphire in the intertidal zone along mangrove margins, however, subtle differences in vegetation/topography exist among sites where the species has been recorded. Since 2012, targeted survey have found that the species ranges from Karratha to Broome adjacent to mangrove areas.	No habitat is available for this species. <u>Records</u> Numerous records from around Broome however mostly associated to the Roebuck Bay and Willies Creek.
<i>Lerista separanda</i> (Dampierland Plain Slider)	P2	-	-	Y	-	<i>Lerista separanda</i> is known from sandy areas of south-western Kimberley coast, between Kimbleton and Nita Downs Station (Wilson and Swan 2010). Dampierland Plain Slider is known from the Broome area primarily from the coastal dunes and adjoining environment.	Likely <u>Habitat:</u> Habitat is available for this species, particularly the areas closest to the coastal dunes. <u>Records</u> Numerous records from around Broome however mostly associated coastal dunes.
<i>Simoselaps minimus</i> (Dampierland Burrowing Snake)	P2	-	-	Y	-	Dampierland Burrowing Snake is known from sandy areas of south-western Kimberley coast, on the Dampierlands Peninsular (Wilson and Swan 2010). Dampierland Burrowing Snake is known from the Broome area primarily from the coastal dunes and adjoining environment.	Likely <u>Habitat:</u> Habitat is available for this species. <u>Records</u> Numerous records from around Broome however mostly associated coastal dunes.

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Dilby Plot data from Cable Beach Road East

Key

- 1 = Evidence present (1/2)
- 2 = Medium amount of evidence (3/5)
- 3 = Lots of evidence (>5)
- 1 = Evidence on road

d = diggings, b = burrow
1 = Fresh evidence (within 2 nights)
M = Medium age (3/7 nights)
o = Old evidence (> 1 week)

Dilby presence/absence score: 0= No recorded evidence, 1= possible evidence but not confirmed, 2= Evidence present but not active, 3= Active area with good evidence

Number of diggers/animals/dogs/juveniles

Track age: 1 1-2 days, 2 3-7 days, 3 >7 days
abund: 1=few, 2=med, 3=lots

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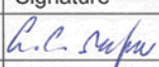

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Document Status

Revision	Author	Reviewer		Approved for Issue		
		Name	Signature	Name	Signature	Date
Rev0	J Tindiglia G Gaikhorst	A Napier C Grabham		D Farrar		07/07/2016

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September 2019

Broome Homemaker Centre, Cable Beach Road East,
Broome

Prepared For: Nyamba Buru
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Structure Plan Transport
Impact Assessment
Report

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DOCUMENT ISSUE AUTHORISATION

Issue	Rev	Date	Description	Prepared By	Checked By	Approved By
0	0	19/09/2019	Draft Report	CHS	DNV	DNV
1	0	26/09/2019	Final Report	CHS	DNV	DNV

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Project: Broome Homemaker Centre



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1. INTRODUCTION

1.1 BACKGROUND

Nyamba Buru Yawuru Ltd is a not for profit company owned by the Yawuru native title holders and is tasked with generating income from the Yawuru's capital assets. One of these assets is Lot 3082 (102) Cable Beach Road East in Broome. The site is approximately 33 hectares (Ha) in size, located approximately 4km to the west of the Broome Chinatown and 3km north of Broome Port. The site wraps around the western end of the Broome Airport.

There are plans to relocate Broome Airport but the timing for this is at best very long term. Donald Veal Consultants (DVC) understands that until the airport is relocated the residential component of the development is not possible due to noise restrictions. Nyamba Buru Yawuru has therefore commissioned DVC to prepare this Transport Impact Assessment in support of a Structure Plan amendment for a 7 Ha portion of the site to contain a mixture of retail and commercial developments.

The development of this 7 Ha portion will be divided into 3 stages to be completed within the next 10-15 years.

1.2 SCOPE OF THIS REPORT

The structure and scope of this Transport Impact Assessment is in accordance with the WAPC's Transport Impact Assessment Guidelines (August 2016).

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2. EXISTING SITE CONDITIONS

2.1 LOCATION

The development site lies to the north east of the Gubinge Road / Cable Beach Road East intersection. The general locality is shown in **Figure 2.1**, with the site location shown in more detail in **Figure 2.2**.

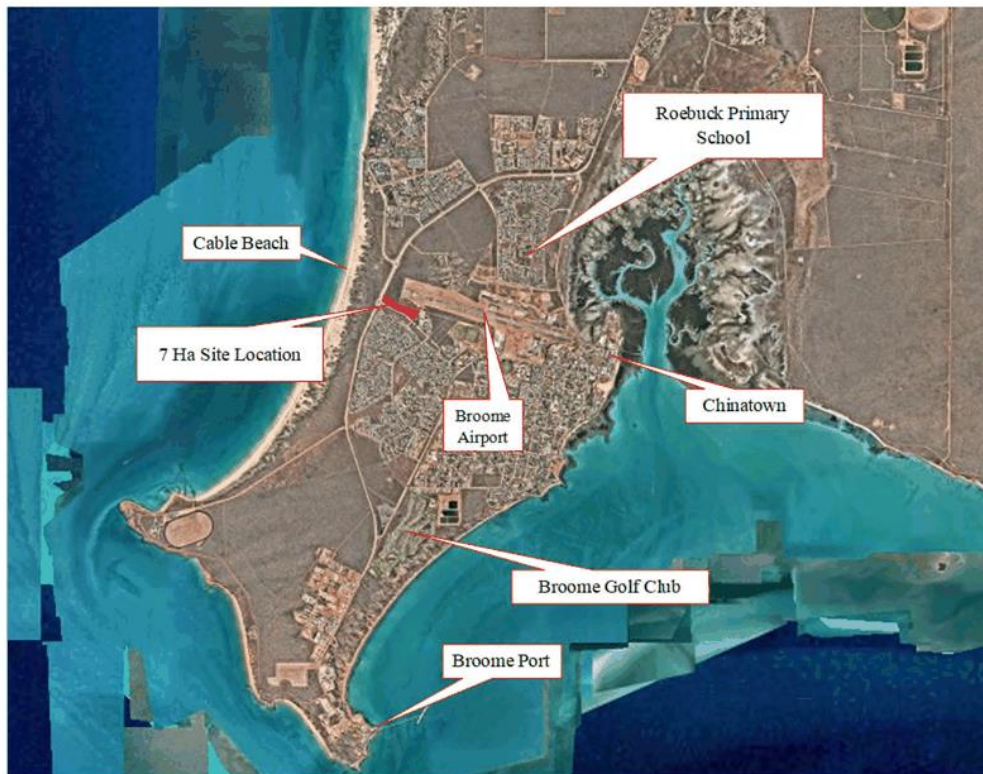


Figure 2.1: General Locality Plan. Source: Nearmap

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Figure 2.2: Site Location. Source: Nearmap

2.2 CURRENT LAND USES

The site is currently undeveloped. Immediately to the east of the site is the North Regional TAFE. To the south and on the other side of Cable Beach Road East is the residential suburb of Cable Beach. Northeast of and adjacent to the site is Broome Airport, while immediately to the west is Gubinge Road and Cable Beach itself a further 500m west.

2.3 EXISTING SITE ACCESS

There is currently no formal access to the site.

2.4 ADJACENT ROAD NETWORK

The road network adjacent to the site comprises Gubinge Road to the west and Cable Beach Road East to the south.

Gubinge Road is constructed as a 4-lane, dual carriageway road and links the main arterial road into Broome to the Broome Port. It is located on the western side of the Broome 'peninsula' and most major intersections along it are controlled by roundabouts, including the intersections with Cable Beach Road East and Cable Beach Road West. The posted speed limit on Gubinge Road is 70km/h.

Cable Beach Road East and Cable Beach Road West are connected by a short section of Gubinge Road and link the resort and residential areas to the north west with the main business areas in east Broome. Cable Beach Road East is currently constructed as a single carriageway, two-way road within a 65m

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wide road reserve. Intersections along Cable Beach Road East are controlled by a combination of give-ways and roundabouts. It also has a posted speed limit of 70km/h

Gubinge Road is classified as a Primary Distributor in the Main Roads WA (MRWA) road hierarchy as shown in **Figure 2.3**. It is managed by MRWA and is part of the Restricted Access Vehicles (RAV) network for all categories of Tri-drive vehicles. Cable Beach Road East is classified as a Local Distributor in the MRWA road hierarchy but is not part of the RAV network.



Figure 2.3: MRWA Road Hierarchy

2.5 EXISTING TRAFFIC VOLUMES

The traffic count information for the adjacent road network as shown in **Table 2.1** and **Figure 2.4** combines data supplied by the Shire of Broome (see **Appendix A**) with some sourced from the MRWA Traffic Map.

Location	Source and Date	5-Day Average PM Peak Hr 16:00-17:00	7-Day Average PM Peak Hr 16:00-17:00	Saturday Peak Hour	Average Weekday Traffic
Cable Beach Rd East (east of Reid Rd)	Shire of Broome August 2015	975 vph	857 vph	929 vph	10,422 vpd
Cable Beach Rd East (east of Charles Rd)	MRWA Traffic Map 2018	528 vph	523 vph	n/a	5,540 vpd
Gubinge Rd (south of Murray Rd)	MRWA Traffic Map 2015	543 vph	483 vph	n/a	5,898 vpd
Frederick St (west of Herbert St)	MRWA Traffic Map 2018	1,420 vph	1,193 vph	n/a	15,056 vpd
Reid Rd (south of De Marchi Rd)	MRWA Traffic Map 2018	249 vph	220 vph	n/a	2,666 vpd

Table 2.1: Traffic Count Data

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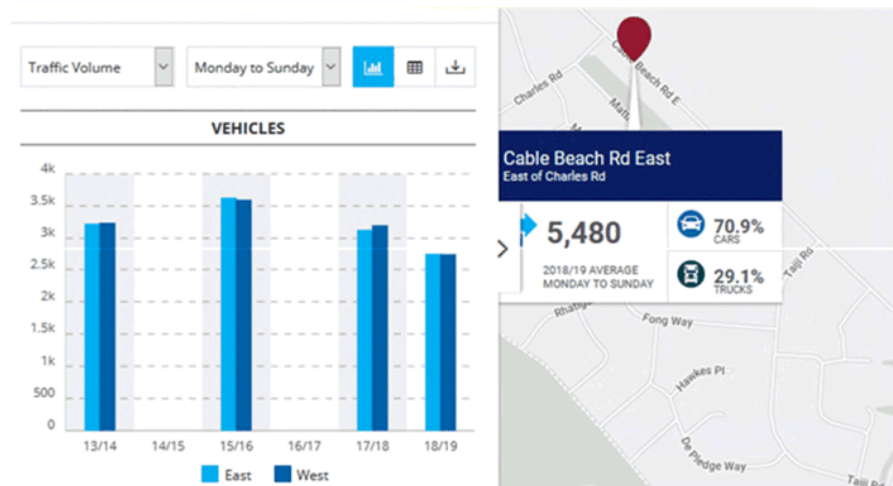


Figure 2.4: Traffic Count Data. Source: MRWA Traffic Map

2.6 CRASH HISTORY

A search of the MRWA CARS database along the length of Cable Beach Road East showed thirteen crashes in the 5-year recording period, from 2014 to 2018 inclusive (see Appendix B). Of the thirteen crashes, ten occurred at intersections and only three midblock. There were no fatalities and only one instance requiring medical treatment, with the remainder being mainly major property damage only (PDO). The location, cause and severity of the crashes is summarised in **Table 2.2**.

Location	Type of Crash	Severity
Intersection of Port Drive/ Cable Beach Road East	4 x Rear End	3 x PDO Major 1 x Medical
Midblock	3 x Rear End	3 x PDO Major
Intersection of Reid Road/Cable Beach Road East	2 x Rear End 1 x Hit Object 1 x Side	2 x PDO Minor 1 x PDO Major 1 x PDO Minor
Intersection of Charles Road/ Cable Beach Road east	1 x Rear End	1 x PDO Major
Intersection of Gubinge Road/ Cable Beach Road East	1 x Rear End	1 x PDO Major

Table 2.2: Crash History Summary

2.7 PLANNED CHANGES TO THE ROAD NETWORK

There are no known imminent changes planned for the road network in this vicinity.

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3. PROPOSED DEVELOPMENT

3.1 GENERAL

The proposed development consists of three separate stages as described in **Table 3.1**.

Stage	Description	Gross Building Area (GBA) m ² – (unless otherwise stated)
Stage 1: 0-5 years	Major Hardware	7,522
Stage 1 Total		7,522
Stage 2: 5-10 years	Commercial Retail e.g. Harvey Norman	1,500
	Commercial Retail e.g. JB HiFi	600
	Tyre and Muffler Store	500
	Car Wash	350 (6 Bays)
	Service Station & Convenience Store	380 (plus 8 bays)
	Fast Food Outlet	380
	Showrooms	2,500
Stage 2 Total		5,830
Stage 3: 10-15 years	Showrooms	6,500
	Stage 3 Total	6,500
All Stages Total		19,852

Table 3.1: Proposed Staging of Land Uses Development

Figure 3.1 shows the general layout of the proposed development and indicative access arrangements.

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Figure 3.1: Proposed Development Layout Source: urbanplan

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3.2 PUBLIC ACCESS ARRANGEMENTS

Three public accesses are proposed off Cable Beach Road East are shown in **Figure 3.1**. Access A to the west of the site provides left-in, left-out and right-out access to the Bunnings carpark. Right-in turns are not proposed here as westbound vehicles will enter at Access B.

Access B is the main entry point to the development and is connected to a service road along the eastern side of the Bunnings car park. All turning movements would be permitted at the Access B intersection.

Accesses A and B would be constructed in Stage 1.

In the very long-term future, the Access B road may link to future residential development to the north of this development and west of the airport (once it has been relocated). It is important that this road and Access B are able to cater for the future residential demand, although no analysis has been made in this report.

Access C would provide the easternmost access to the development and would allow all turning movements. It is envisaged that Access C be constructed when Stage 2 is developed.

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4. TRAFFIC AND TRANSPORT ANALYSIS

4.1 TRIP GENERATION

The trip generation assessment was based on rates from the WAPC Transport Impact Assessment Guidelines, Volume 5, Table 1, and Trip Generation Manual, 8th Edition, Institution of Transportation Engineers, USA (2003). Bunnings Group Limited has also provided trip making characteristics used for the development of its Maddington store in Perth, which have also been used. The trip generation rates provided are different for each of the components of the Bunnings store, i.e. main warehouse, outdoor nursery, bagged goods and building materials. In the absence of detailed floor areas, a weighted average trip rate has been applied to the proposed Broome store.

The Bunnings store would be the largest trip generator at the site. Trip generation rates for Bunnings on a Saturday are almost double those for the weekday pm peak hour. The traffic counts provided by the Shire of Broome show that the Saturday am peak hour (11:00am to 12:00 midday) is almost as high as the weekday pm peak hour. While the Saturday peak hour may not be the busiest for some of the other land uses e.g. the fast food outlet, because of the presence of Bunnings, the Saturday peak has been adopted as the critical peak hour. There is likely to be a significant level of trip sharing between the various land uses of the development i.e. trips to Bunnings might also be combined with a visit to the fast food outlet, or a trip to an electrical goods retailer might also involve a visit to Bunnings. This combining of trips has not been taken into account and trip generation has been considered only in isolation for each land use. For these reasons DVC considers this to be a worst-case scenario.

The trip generation for the site is summarised in **Table 4.1**. The table shows that Stage 1 is expected to generate about 173 inbound trips and about 154 outbound trips during the Saturday peak hour. Similarly, Stage 2 will generate an additional 279 inbound and 289 outbound trips during the same period. The Stage 3 showrooms will generate a further 130 trips inbound and a similar number outbound.

The WAPC Transport Impact Assessment Guidelines Volume 5 identify that not all trips attracted to the development will be new to the surrounding road network. The guidelines identify three categories of trips namely, pass-by, diverted and new trips. Pass-by trips are those that simply turn in to the development before continuing their trip. Good examples of these are service stations and fast food outlets.

For the purposes of this assessment DVC has assumed that 20% of trips attracted to the development will be pass-by trips. Table 4.1 identifies that the development over all stages will attract some 583 inbound trips in the peak hour. Pass-by trips are assumed to be 20% of this i.e. 116 trips and have been subtracted from the background traffic volumes in the intersection analysis.

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Stage	Land Use	Site Area (Ha)	Development	Units	WAPC Classification	Trip Generation Rate (per 100m ² GFA)		Trips	
Stage 1	Hardware*	2.17	7522	m ²	Non-food retail	In	Out	In	Out
						2.31	2.05	173	154
						Total		173	154
Stage 2	Retail e.g. Harvey Norman		1500	m ²	Non-food retail	2	2	30	30
	Retail e.g. JB HiFi	1.379	600	m ²	Non-food retail	2	2	12	12
	Showrooms		2500	m ²	Non-food retail	2	2	50	50
	Tyre		500	m ²	Commercial	0.40	1.60	2	8
	Carwash	0.886	350	m ²	Commercial	0.40	1.60	1	6
	Service Stn & Convenience Store		8	Browsers**	Special	13.40	13.40	107	107
	Fast Food		380	m2***	Special	20.00	20.00	76	76
			5830				Total		279
Stage 3	Showrooms	1.686	6500	m ²	Non-food retail	2	2	130	130
						Total		130	130

Table 4.1: Trip Generation Data

Key:
* As provided by Bunnings for Cannington
** Based on ITE Rate
*** See TIA Vol 5 WAPC Guidelines Part B Derivation of Technical Data

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4.2 TRIP DISTRIBUTION

Trip distribution identifies where trips to and from the proposed development might originate. DVC has discussed this with the Shire of Broome and agreed that a reasonable assumption for the trip distribution is as follows:

- Traffic from the eastern and southern suburbs of Broome approaching from the eastern end of Cable Beach Road East = **50%**
- Traffic from the northern suburbs including Bilingurr /Djugun/Resort area approaching from western end of Cable Beach Road East = **45%**
- Traffic from south along Gubinge Road = **5%**

4.3 INTERSECTION ANALYSIS

Analysis of the three intersection accesses to the site off Cable Beach Road East was undertaken using the computer software SIDRA Intersection 6.1.

SIDRA is a commonly used intersection modelling tool in the field of traffic engineering. Outputs for four standard measures of operation performance can be obtained, being Degree of Saturation (DoS), Average Delay, Queue Length, and Level of Service (LoS).

Degree of Saturation is a measure of how much physical capacity is being used with reference to the full capability of the particular movement, approach, or overall intersection. A DoS of 1.0 equates to full theoretical capacity although in some instances this level is exceeded in practice. SIDRA uses maximum acceptable DoS of 0.90 for signalised intersections for its Design Life analysis. Design engineers typically set a maximum DoS threshold of 0.95 for new intersection layouts or modifications.

Average Delay reports the average delay per vehicle in seconds experienced by all vehicles in a particular lane, approach, or for the intersection as a whole. For severely congested intersections the average delay begins to climb exponentially.

Queue Length measures the length of approach queues. In this document we have reported queue length in terms of the length of queue at the 95th percentile (the maximum queue length that will not be exceeded for 95 percent of the time). Queue lengths provide a useful indication of the impact of signals on network performance. It also enables the traffic engineer to consider the likely impact of queues blocking back and impacting on upstream intersections and accesses.

Level of Service is a combined appreciation of queuing incidence and delay time incurred, producing an alphanumeric ranking of A through F. A Loss of A indicates an excellent level of service whereby driver delay is at a minimum and they clear the intersection at each change of signals or soon after arrival with little if any queuing. Values of B through D are acceptable in normal traffic conditions. Whilst values of E and F are typically considered undesirable, within central business district areas with



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significant vehicular and pedestrian numbers, corresponding delays/queues are unavoidable and hence, are generally accepted by road users.

4.4 MODELLED SCENARIOS AND SIDRA INPUTS

It is proposed that the site be developed in three stages starting with western end of the site. The opening years of each of the three stages was assumed as follows:

- Stage 1 Opening – 2021;
- Stage 2 Opening – 2026; and
- Stage 3 Opening – 2031.

For traffic testing purposes the following scenarios have been tested:

- Scenario 1: 2026 Background Traffic + Stage 1;
- Scenario 2: 2031 Background Traffic + Stage 1 + Stage 2 + Stage 3.

Recent traffic modelling (Jacobs 2016) suggested that traffic on Cable Beach Road East could grow up to 500% between 2016 and 2031. Recent traffic counts however indicated that there has been a decrease in traffic over the last 3 years. This disparity was discussed with the Shire of Broome and it was agreed that a more realistic growth rate of 1.5% per annum compounded would be appropriate for forecasting and has been adopted in this report for background traffic growth on Cable Beach Road East.

Access to the site would be via the three access points described in section 3.2. Access A, as shown on **Figure 3.1**, is proposed as the westernmost access and is assumed to have a left-in turn, a left-out turn and a right-out turn from the development. A right-in turn to the access is assumed unnecessary as all development traffic would use Access B instead. Access B, the central access, is assumed to cater for all turning movements. Accesses A and B would be constructed for Stage 1 of the development. Access C, the easternmost Access, is assumed to accommodate all turning movements with construction occurring as part of the Stage 2 works.

Turning volumes at each of these accesses were forecast based on the assumed distribution and traffic generation. The turning volumes used in the SIDRA analysis are shown in Appendix A.

4.5 SIDRA RESULTS

The initial SIDRA analyses assume that a turning pocket would be introduced for right-turn traffic off Cable Beach Road East (the do-minimum network option, see **Figure 4.1**) at Access B.

The critical Level of Service (LoS) for each intersection for each scenario is shown in **Table 4.2** for the Do-minimum network. Full SIDRA results for each Scenario and each intersection, including the turning movements are contained in **Appendix C**. The results indicate that for Stage 1 of the development at 2026 the Accesses at A and B operate well with the critical delay 17seconds at Access B. The WAPC



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guideline threshold for priority intersections is <35secs average delay per vehicle on the non-priority leg.

The results for all Accesses are forecast to operate well at the 2031 scenario with the right-turn out turning movement at Accesses B and C experiencing delays of about 30seconds.

Table 4.2: SIDRA Analysis Results - Do Minimum Network Option

Scenario (Year)												
	Access A				Access B				Access C			
	DoS	Delay	QL	LoS	DoS	Delay	QL	LoS	DoS	Delay	QL	LoS
1 (2026)	0.08	13	2	B	0.16	17	4	C	N/A	N/A	N/A	N/A
2 (2031)	0.29	29	7	D	0.51	33	16	D	0.69	30	32	D

Note: DoS = Degree of Saturation Delay = Critical Average Delay in sec/veh

QL = 95% queue length in metres LoS = Level of Service

DVC notes that this modelling likely to be conservative (overestimates traffic demand and delays) as the modelled scenarios represent a worst case situation where no trip-sharing has been accounted for.

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Figure 4.1: Intersection Configuration Assumptions

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4.6 SERVICE VEHICLES

Service access to the development is proposed as follows:

Stage 1 – Service vehicles (potentially including B-doubles) are likely to enter via Access B and enter the rear service road to the north of the Bunnings building in anti-clockwise direction. Vehicles could exit using the service lane to the west of the building and exit eastbound onto Cable Beach Road East just before Access A.

Stage 2 – Service vehicles will be able to enter via Access B or Access C. A service road is located between the rear of the buildings and the airport fence line and is connected to the Access B road and the Access C road.

Stage 3 – Service vehicles to Stage 3 buildings will enter via Access C and enter a service road to the north of the building footprint. There is adequate space provided behind the buildings for vehicles to turn without having to reverse.

DVC has reviewed the exit of service vehicles onto Cable Beach Road East and considers it safe and capable of accommodating the swept paths of B-doubles, which can be contained within the verge. Under this arrangement, and if larger service vehicles such as B-doubles are used by Bunnings for deliveries, it will be necessary to reclassify or obtain dispensation to use Cable Beach Road East as part of the Restricted Access Vehicle (RAV) network.

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5. CAR PARKING

5.1 PARKING REQUIREMENT

The parking provision rates shown in the Shire of Broome's Town Planning Scheme 6 result in the parking bay requirements shown in **Table 5.1**.

A final parking design is not part of this Structure Plan. However, DVC has seen preliminary concept parking layouts for the development which show adequate parking supply and are included in **Table 5.1**. DVC is confident that adequate parking can be provided in future. It is however, important at the more detailed development application stage that parking is provided in accordance with the town planning scheme and that the parking layout meets the relevant Australian Standards.

TPS6 also specifies the number of bicycle parking places to be provided for each land use. Parking for bicycles has not been shown in **Figure 3.1** but can readily be accommodated for on site. DVC notes that given the 'bulky goods' nature of the proposed development it is not expected that cycling will be a major transport mode for shoppers although it may be used by some staff members.

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Table 5.1: Parking bay requirements

Land Use	Rate	Quantity	No. Parking bays required	No. Parking bays provided
Warehouse	1 bay per 50m ² of NLA	7522m ² GFA	150	272
Motor Vehicle Repairs	1 bay per 30m ² sales area and 1 bay per service bay	Assume 60m ² sales and 4 service bays	10	195
Carwash	Na			
Service Station	1 bay per employee and 1 bay per 20m ² NLA	Assume 1 employee and 380m ² GLA	20	
Fast Food Outlet	1 bay per employee and 2 bays per 2m ² counter area	Assume 6 employees and 10m ² counter space	16	
Bulky Goods Showroom	1 bay per 50m ² of NLA	1500m ² GLA	30	
Electronic Goods Retail	1 bay per 20m ² NLA	600m ² GLA	30	
Showroom (Stage 2)	1 bay per 50m ² of NLA	2500m ² GLA	50	
Showroom (Stage 3)	1 bay per 50m ² of NLA	6500m ² GLA	130	
Total			436	673

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6. SUSTAINABLE TRANSPORT

6.1 PEDESTRIANS AND CYCLISTS

There is currently a 2m wide footpath which extends all the way from the Chinatown in the east, past the subject site and then north to the residential and resort areas. The path runs on the northern side of Cable Beach Road East and on the eastern side of Gubinge Road adjacent to the site. The proposed development is unlikely to attract a high number of pedestrians and cyclists due to the nature of the shops (eg hardware and bulky goods). However, the existing footpath is an excellent facility and DVC considers that it would more than adequately provide for the needs of the proposed development.

Logical pathway links into the development should be established off Cable Beach Road East frontage at both the eastern and western end of the site.

6.2 PUBLIC TRANSPORT

The Broome Explorer (Be) is a scheduled bus service in Broome which operates along Cable Beach Road East as shown in **Figure 6.1**. The route joins the Cable Beach resort area to Chinatown and a little further south to the water Park and site of the old Jetty.

The service has a frequency of 1 bus per hour in each direction between approximately 7:23am and 6:45pm. Bus stops 16, 17, 28 and 29 are directly opposite the proposed development site on Cable Beach Road East. DVC assumes that the service is mainly intended as a tourist service as it links key tourist areas. However, it also has some catchment of local residential areas and may offer a limited 'commuter' role, in a town which is largely car centric.



Figure 6.1: Broome Explorer Bus Route and Stops. Source: Broome Explorer Bus web site.

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



7. SUMMARY AND CONCLUSION

7.1 SUMMARY

DVC has prepared this Transport Impact Assessment report to support the Structure Plan Application being made to the Shire of Broome on behalf of Nyamba Buru Yawuru regarding the retail and commercial development of Lot 3082 Cable Beach Road East in Broome.

The proposed development consists of a Bunnings store, a tyre store, a carwash, a service station, a fast food outlet, a bulky goods retailer, an electrical goods retailer and two large bulky goods showrooms. It is proposed that the developed is divided into 3 stages starting with the Bunnings store, the tyre store and carwash, the service station and fast food outlet. Stage 1 is likely to start immediately with Stage 2 adding further retail space following 5-years later and Stage 3 adding further capacity a further 5-years after that.

Based on published trip generation rates it is estimated that all stages of the development would generate some 1,150 Saturday peak hour trips. However, given the likely level of trip sharing between the land uses, this represents a worst-case scenario.

The site would be serviced by three public accesses off Cable Beach Road East. Access B will be the main access point and will permit all turning movements. Access C also permits all turning movements but will not attract as much traffic as Access B. Access A will not require a right turn in to the development off Cable Beach Road East.

The parking provision rates shown in the Shire of Broome's Town Planning Scheme No. 6 result in a minimum requirement for 436 parking bays. A concept parking layout indicates that over 600 bays could be provided. Parking should conform to the town planning scheme requirement in future development applications.

Access for service vehicles will be provided via Accesses B and C. If larger delivery vehicles are used then Cable Beach Road East will need to be included in the RAV network for Broome.

There is an excellent bicycle and pedestrian path network adjacent to the site which links the resort areas to the old Broome area to the east. Given the generally bulky goods nature of the proposed development it is unlikely that cycling or walking will be popular modes of transport to the site, although the fast food outlet and electrical goods retailer may attract some such customers. Employees may also choose to cycle or walk to and from the site. Good links into the development are therefore recommended.

7.2 CONCLUSION

The results of this study show that the development can be accommodated with the proposed accesses off Cable Beach Road East at the 2031 horizon. Service vehicle access can be accommodated but must be designed at the detailed stage so as not to affect the Gubinge Road roundabout or development accesses. DVC therefore supports the structure plan application in terms of the forecast transport impact of the proposal.

Client: Nyamba Buru Yawuru

Project: Broome Homemaker Centre



APPENDIX A: CRASH HISTORY DATA

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre

DVC
DONALD VEAL
CONSULTANTS

Detailed Crash History

Road	Road Name	SLK	Way	Time Dist	Inaccess	Date	Day	Time	Severity	Cash No.	Type	Light Cond	Road Cond	Speed Limit	Traffic Control	Road Feature	Road Alignment	Speed Factor	Misc Nature	Location	PLM	Unit	Unit Type	Fm Dr	To Dr	Via/Fd Move	First Object Hit	Second Object Hit	Third Impact Point
01	01010 Cable Beach Rd West		S	0.80	CABLE BEACH RD WEST RLY (194463)	2014	Sunday	1345	POO Major	20147	Intersection	Daylight Dry			Give Way Sign	Roundabout	Curve			Ht Objct	On Left Veight Off Curve: Bend In Dgl	Coding	Utility	N - S	CAB LE Avoid Animal CH RD WES	S - CAB : To Saving as Diab			
01010	Cable Beach Rd West																												
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Z724 Broome Homemaker Centre TIA

21

September 2019

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



Detailed Crash History

[illegible]

Z724 Broome Homemaker Centre TIA

22

September 2019

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



Detailed Crash History

00102	Cable Beach Rd	0.07 S	0.07		01/06/2016	Wednesday	1430	Major	2016143096	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	W		Major	40396				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.07 S	0.07		01/06/2016	Wednesday	1430	Major	2016143096	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	W		Major	40396				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.11 S	0.11		31/07/2015	Friday	1545	Major	20152015304	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2015	F		Major	53304				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.11 S	0.11		31/07/2015	Friday	1545	Major	20152015304	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2015	F		Major	53304				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.31 S	0.31		05/09/2015	Sunday	0955	Major	20152015305	Motorcycle	Daylight	Dry	No Sign	33: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	33: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2015	S		Major	30505				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.31 S	0.31		05/09/2015	Sunday	0955	Major	20152015305	Motorcycle	Daylight	Dry	No Sign	33: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	33: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2015	S		Major	30505				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		12/07/2014	Sunday	1245	Major	201420147241	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2014	S		Major	7241				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane				Not Out			Down Lane			Of Control		
00102	Cable Beach Rd	0.69 S	0.69		09/07/2016	Sunday	1415	Major	201620160152	Motorcycle	Daylight	Dry	No Sign	31: Same	On Cuspy	Colliding	Motorcycle	Stright	Rear End	On Cuspy	31: Same	Colliding	Motorcycle	N	Stright	Rear
22	East				2016	S		Major	00152				Or Control	Down Lane												

Z724 Broome Homemaker Centre TIA

23

September 2019

Detailed Crash History

[illegible]

Z724 Broome Homemaker Centre TIA

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September 2019

Client: Nyamba Buru Yawuru

Project: Broome Homemaker Centre



APPENDIX B: SHIRE OF BROOME TRAFFIC COUNT DATA

Z724 Broome Homemaker Centre TIA

25

September 2019

Client: Nyamba Buru Yawuru

Project: Broome Homemaker Centre

**Weekly Vehicle Counts (Virtual Week)**

VirtWeeklyVehicle-244

Site: 001_000222_000560.0.0E

Description: Cable Beach Road East 130m Southeast of Reid Road C#1

Filter time: 0:00 Saturday, 1 August 2015 => 7:42 Thursday, 13 August 2015

Scheme: Vehicle classification (AustRoads94)

Filter: CIs(1 2 3 4 5 6 7 8 9 10 11 12) Dir(NESW) Sp(10,160) Headway(>0) Span(0 - 100)

	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Averages 1 - 5	1 - 7
Hour									
0000-0100	26.0	27.0	36.0	21.5	22.0	58.0	70.5	27.0	38.5
0100-0200	10.5	6.5	13.5	16.0	19.0	29.5	37.0	12.4	18.8
0200-0300	4.0	8.0	12.0	9.5	15.0	15.0	21.0	9.1	11.8
0300-0400	11.0	10.0	8.5	13.5	26.0	21.0	29.0	12.4	16.3
0400-0500	21.5	23.0	32.5	22.0	25.0	20.0	23.0	25.0	23.9
0500-0600	89.5	92.0	100.0	99.5	104.0	54.0	42.0	96.2	81.4
0600-0700	230.0	232.5	247.5	252.0	251.0	125.0	103.0	246.3	205.6
0700-0800	633.0	604.5	607.0	467.5	633.0	305.0	206.5	584.1	483.1
0800-0900	656.0	613.0	645.5	632.0	641.0	585.5	395.0	637.8	588.6
0900-1000	684.5	662.5	660.0	611.0	678.0	828.5	541.5	662.9	670.3
1000-1100	761.5	735.5	697.0	699.0	731.0	928.5	758.5	727.3	766.0
1100-1200	746.5	753.5	749.0	708.0	774.0	921.5	754.5	747.5	777.7
1200-1300	863.5	808.5	826.0	735.0	842.0	904.5	720.0	821.6	818.5
1300-1400	761.5	788.0	736.0	718.0	773.0	792.5	679.0	757.8	750.6
1400-1500	861.5	793.5	840.5	848.0	878.0	737.5	634.0	839.6	788.3
1500-1600	852.0	790.0	831.0	824.0	869.0	694.0	622.0	829.9	772.6
1600-1700	984.0	893.5	1067.0	996.0	915.0	683.5	563.0	975.0	857.8
1700-1800	887.5	858.0	956.0	852.0	912.0	674.5	534.5	895.9	798.8
1800-1900	617.0	642.0	600.0	668.0	612.0	491.5	510.5	624.8	583.5
1900-2000	318.0	322.5	324.0	352.0	374.0	362.5	264.0	331.9	325.7
2000-2100	189.5	233.5	262.0	214.0	267.0	247.0	287.5	231.4	243.3
2100-2200	129.5	184.0	178.5	166.0	228.0	233.5	157.0	172.3	179.9
2200-2300	75.5	106.0	103.5	102.0	167.0	171.5	107.0	104.9	116.3
2300-2400	38.5	59.5	43.0	38.0	77.0	102.5	63.5	49.6	60.8
Totals									
0700-1900	9308.5	8942.5	9215.0	8758.5	9258.0	8548.0	6919.0	9104.0	8655.6
0600-2200	10195.5	9916.0	10227.0	9742.5	10378.0	9516.0	7730.5	10085.8	9610.1
0600-0000	10309.5	10081.5	10373.5	9882.5	10622.0	9790.0	7901.0	10240.3	9787.2
0000-0000	10472.0	10248.0	10577.0	10064.5	10833.0	9987.5	8123.5	10422.5	9978.0
AM Peak	1000	1100	1100	1100	1100	1000	1000		
	761.5	753.5	749.0	708.0	774.0	928.5	758.5		
PM Peak	1600	1600	1600	1600	1600	1200	1200		
	984.0	893.5	1067.0	996.0	915.0	904.5	720.0		

* - No data.

Client: Nyamba Buru Yawuru

Project: Broome Homemaker Centre



APPENDIX C: SIDRA DATA

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



MOVEMENT SUMMARY

Site: 101 [Access A Scenario 1 Final]

Access B

Stop (Two-Way)

Movement Performance - Vehicles											
Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Dep. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
East RoadName											
5	T1	420	6.0	0.224	0.0	LOS A	0.0	0.0	0.00	0.00	60.0
Approach											
		420	6.0	0.224	0.0	NA	0.0	0.0	0.00	0.00	60.0
North RoadName											
7	L2	40	2.0	0.032	4.2	LOS A	0.1	0.9	0.34	0.54	51.7
9	R2	28	2.0	0.077	13.3	LOS B	0.3	1.9	0.67	1.00	30.4
Approach											
		68	2.0	0.077	8.0	LOS A	0.3	1.9	0.48	0.73	44.3
West RoadName											
10	L2	68	2.0	0.037	5.6	LOS A	0.0	0.0	0.00	0.53	41.5
11	T1	274	6.0	0.146	0.0	LOS A	0.0	0.0	0.00	0.00	60.0
Approach											
		342	5.2	0.146	1.1	NA	0.0	0.0	0.00	0.11	57.8
All Vehicles											
		831	5.3	0.224	1.1	NA	0.3	1.9	0.04	0.10	58.0

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



MOVEMENT SUMMARY

Site: 101 [Access A Scenario 2 Final]

Access B

Stop (Two-Way)

Movement Performance - Vehicles											
Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Deq. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
East RoadName											
5	T1	623	6.0	0.332	0.0	LOS A	0.0	0.0	0.00	0.00	59.9
Approach		623	6.0	0.332	0.0	NA	0.0	0.0	0.00	0.00	59.9
North RoadName											
7	L2	40	2.0	0.040	5.1	LOS A	0.1	1.1	0.46	0.62	50.7
9	R2	49	2.0	0.290	29.4	LOS D	1.0	7.2	0.88	1.03	19.7
Approach		89	2.0	0.290	18.6	LOS C	1.0	7.2	0.69	0.85	32.6
West RoadName											
10	L2	66	2.0	0.037	5.6	LOS A	0.0	0.0	0.00	0.53	41.5
11	T1	464	6.0	0.247	0.0	LOS A	0.0	0.0	0.00	0.00	59.9
Approach		533	5.5	0.247	0.7	NA	0.0	0.0	0.00	0.07	56.6
All Vehicles		1245	5.5	0.332	1.7	NA	1.0	7.2	0.05	0.09	57.4

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).

Vehicle movement LOS values are based on average delay per movement.

Minor Road Approach LOS values are based on average delay for all vehicle movements.

NA, Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.

SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.

Gap-Acceptance Capacity: SIDRA Standard (Akcelik M3D).

HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



MOVEMENT SUMMARY

Site: 101 [Access B Scenario 1 Final]

Access B

Stop (Two-Way)

Movement Performance - Vehicles											
Mov ID	OD Mov	Demand Flows Total veh/h	HV %	Deg Satn w/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles veh	Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
East RoadName											
5	T1	339	6.0	0.181	0.0	LOS A	0.0	0.0	0.00	0.00	60.0
6	R2	92	2.0	0.065	6.4	LOS A	0.3	2.1	0.36	0.59	49.4
Approach											
		431	5.1	0.181	1.4	NA	0.3	2.1	0.08	0.12	57.4
North RoadName											
7	L2	41	2.0	0.040	6.7	LOS A	0.1	1.0	0.33	0.57	50.6
9	R2	53	2.0	0.156	17.3	LOS C	0.6	4.0	0.70	1.00	34.7
Approach											
		94	2.0	0.156	12.6	LOS B	0.6	4.0	0.54	0.81	42.4
West RoadName											
10	L2	23	2.0	0.013	5.6	LOS A	0.0	0.0	0.00	0.53	48.8
11	T1	252	6.0	0.134	0.0	LOS A	0.0	0.0	0.00	0.00	60.0
Approach											
		275	5.7	0.134	0.5	NA	0.0	0.0	0.00	0.04	59.3
All Vehicles											
		799	5.0	0.181	2.4	NA	0.6	4.0	0.10	0.18	56.1

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akcelik MSD).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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September 2019

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



MOVEMENT SUMMARY

Site: 101 [Access B Scenario 2 Final]

Access B

Stop (Two-Way)

Movement Performance - Vehicles											
Mov ID	OD Mov	Demand Flow Total veh/h	Flow HV %	Deq. Satn v/c	Average Delay sec	Level of Service	95% Buff of Queue Vehicles veh	Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
East RoadName											
5	T1	465	6.0	0.248	0.0	LOS A	0.0	0.0	0.00	0.00	59.9
6	R2	164	2.0	0.119	6.5	LOS A	0.5	3.9	0.38	0.61	49.3
Approach											
		629	5.0	0.248	1.7	NA	0.5	3.9	0.10	0.16	56.8
North RoadName											
7	L2	117	2.0	0.116	6.9	LOS A	0.4	3.1	0.36	0.61	50.5
9	R2	105	2.0	0.510	33.1	LOS D	2.2	16.0	0.89	1.11	25.5
Approach											
		222	2.0	0.510	19.3	LOS C	2.2	16.0	0.61	0.84	37.9
West RoadName											
10	L2	96	2.0	0.052	5.6	LOS A	0.0	0.0	0.00	0.53	48.8
11	T1	267	6.0	0.142	0.0	LOS A	0.0	0.0	0.00	0.00	60.0
Approach											
		363	4.9	0.142	1.5	NA	0.0	0.0	0.00	0.14	57.6
All Vehicles											
		1215	4.4	0.510	4.9	NA	2.2	16.0	0.16	0.28	52.8

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akpeik MSD).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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September 2019

Client: Nyamba Buru Yawuru
Project: Broome Homemaker Centre



MOVEMENT SUMMARY

Site: 101 [Access C Scenario 2 Final]

Access B

Stop (Two-Way)

Movement Performance - Vehicles											
Mov ID	OD Mov	Total veh/h	Demand Flows HV %	Deq. Satn v/c	Average Delay sec	Level of Service	95% Back of Queue Vehicles	Distance m	Prop. Queued	Effective Stop Rate per veh	Average Speed km/h
East Roadname											
5	T1	486	6.0	0.401	1.7	LOS A	2.3	17.1	0.38	0.18	55.5
6	R2	142	2.0	0.401	9.3	LOS A	2.3	17.1	0.38	0.18	52.5
Approach											
		628	5.1	0.401	3.4	NA	2.3	17.1	0.38	0.18	54.8
North Roadname											
7	L2	144	2.0	0.693	17.1	LOS C	4.5	32.1	0.75	1.26	36.6
9	R2	144	2.0	0.693	29.8	LOS D	4.5	32.1	0.75	1.26	30.2
Approach											
		288	2.0	0.693	23.4	LOS C	4.5	32.1	0.75	1.26	35.0
West Roadname											
10	L2	142	2.0	0.282	5.6	LOS A	0.0	0.0	0.00	0.16	52.6
11	T1	384	6.0	0.282	0.0	LOS A	0.0	0.0	0.00	0.16	57.8
Approach											
		526	4.9	0.282	1.5	NA	0.0	0.0	0.00	0.16	56.8
All Vehicles											
		1443	4.4	0.693	6.7	NA	4.5	32.1	0.32	0.39	50.5

Site Level of Service (LOS) Method: Delay (SIDRA). Site LOS Method is specified in the Parameter Settings dialog (Site tab).
Vehicle movement LOS values are based on average delay per movement.
Minor Road Approach LOS values are based on average delay for all vehicle movements.
NA: Intersection LOS and Major Road Approach LOS values are Not Applicable for two-way sign control since the average delay is not a good LOS measure due to zero delays associated with major road movements.
SIDRA Standard Delay Model is used. Control Delay includes Geometric Delay.
Gap-Acceptance Capacity: SIDRA Standard (Akçelik, M3D).
HV (%) values are calculated for All Movement Classes of All Heavy Vehicle Model Designation.

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September 2019



**BUSHFIRE MANAGEMENT PLAN
STRUCTURE PLAN AREA
For Part of Lot 3082
Cable Beach Road East**

October 2019



**BUSHFIRE MANAGEMENT PLAN
STRUCTURE PLAN AREA
For Part of Lot 3082
Cable Beach Road East**

October 2019

**BUSHFIRE MANAGEMENT PLAN
STRUCTURE PLAN AREA
For Part of Lot 3082
Cable Beach Road East**

October 2019

By urbanplan and Ecosystems Solutions

On behalf of Nyamba Buru Yawuru

Approved by:

Signed / Date :

Position:

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1. INTRODUCTION

urbanplan has prepared a

On behalf of Nyamba Buru Yawuru (NBY) urbanplan has prepared a BAL Assessment as input to this Bushfire Management Plan (BMP) for part of Lot 3082 (102) Cable Beach Road East, Broome, to assist facilitation of a structure plan for the proposed service commercial uses. The structure plan proposal is in three stages. At this juncture, the known components of the structure plan commence with a stage one Bunnings Homemaker Centre to be constructed is in steel fabrication to an industrial standard. In accordance with clause 6.3 (a) (ii) of SPP 3.7, Pre-development and Post-development BAL Contour Maps have been created for the 'known development' only of Stage One.

This BMP commences with a Bushfire Attack Level Assessment, undertaken on 1 October 2019, of the vegetation in its current state. This site-specific method applies bushfire management requirements in accordance with *Guidelines for Planning in Bushfire Prone Areas*. urbanplan has sought the input of a qualified Level 3 Practitioner, **Ecosystems Solutions**, to oversee performance principle management measures of the BMP. Accordingly, urbanplan proposes where necessary suitable alternative bushfire management approaches in order to balance the effective management outcomes to be undertaken by NBY with future management to be undertaken by that organisation.

1.1 DESCRIPTION OF PROPOSED STRUCTURE PLAN

1.1.1 PROPOSED STRUCTURE PLAN TO SUPPORT SERVICE COMMERCIAL

Part of Lot 3082 (102) Cable Beach Road East, Broome is held in Freehold title by Nyamba Buru Yawuru (NBY) a not for profit company owned by the Yawuru native title holders through their corporate group structure.

The subject site has frontage to Cable Beach Road East, abuts the Broome Airport to the north east and the Broome TAFE to the east.

No access can be gained to the subject site from Gubinge Road.

1.1.2 STAGE ONE SERVICE COMMERCIAL HOME MAKER CENTRE

The structure plan proposes to facilitate steel constructed, large format retail warehouse outlets including a fast food outlets, car wash, and tyre service centre and showroom warehouse uses.

There is no known detail for the subsequent stages. However, conceptual future land uses occur in three notional sites ranging in size from 8,860m² to 1.686 hectares with access only from Cable Beach Rd East. The current staging plan commences with Bunnings Homemaker Centre subsequently allowing for two stages of development over 15 years with a view to leasing sites to commercial tenants, however this will be governed by market demand.

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2. ENVIRONMENTAL CONSIDERATIONS

There is one Environmentally Sensitive Area (ESA) that intersects the survey area. However, this was not considered representative of any Commonwealth or State listed Threatened or Priority Ecological Communities, other significant vegetation as defined by the EPA (2004a) nor considered to be growing in association with watercourses or wetlands. Accordingly, no Department of Parks and Wildlife (DPAW) conservation reserves or estate intersects the survey area.

The ESA is likely aligned with the Roebuck Bay mudflats Threatened Ecological Community and is common to the entirety of Broome and the surrounding area.

2.1.1 FLORA

No flora taxa listed under the Environment Protection and Biodiversity Conservation Act 1999 or Wildlife Conservation Act 1950 were recorded within the survey area, however, three Department of Parks and Wildlife Priority listed flora taxa, *Polymeria* sp. Broome (K.F. Kenneally 9759) (Priority 1), *Aphyllodium parvifolium* (Priority 1) and *Phyllanthus eremicus* (Priority 3) were recorded.

2.1.2 FAUNA

Eight fauna species of conservation significance were recorded or are likely to occur in the survey area: Northern Brushtail Possum (*Trichosurus vulpecula arnhemensis*), Rainbow Bee-eater (*Merops ornatus*), Peregrine Falcon (*Falco peregrinus*), Osprey (*Pandion haliaetus*), Little North-western Mastiff Bat (*Ozimops cobourgiensis*), Grey Falcon (*Falco hypoleucos*), Dampierlands Slider (*Lerista separanda*) and Dampierland Burrowing Snake (*Simoselaps minimus*).

Of the fauna species listed above the Peregrine Falcon, Osprey, Little North-western Mastiff Bat and Grey Falcon are likely to utilise the survey area opportunistically. The survey area is unlikely to provide breeding habitat for any of these species, therefore the habitat within the survey is not considered important habitat for these species. The remaining species, the Rainbow Bee-eater, Northern Brushtail Possum, Dampierlands Slider and Dampierlands Burrowing Snake may persist in the survey area and utilise the habitat in the Broome peninsula for foraging and/or breeding.

The Level 2 Flora and Fauna environmental assessment by GHD is at Annex 4.

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3. BUSHFIRE HAZARD ASSESSMENT

3.1 OVERVIEW

To commence the assessment, **urbanplan** undertook a rigorous Bushfire Attack Level Method 1 BAL assessment to gauge the vegetation structure and fuel layers immediately adjacent part Lot 3082. This was later used to inform the nature and extent of the proposed management.

With reference to AS3959 - 2018, the following vegetation classifications are identified:

- Class A Forest (low closed forest of 80% coverage with dense Scrub understorey and trees to 10 metres),
- Class D Scrub (continuous horizontal and vertical vegetation structure greater than two metres in height) and
- Low threat excluded vegetation plot (within Broome Airport runway).

The FDI 80 rating was applied against the vegetation classifications in a BAL contour map to inform the standard of building construction. Initial results of the vegetation in its current state indicate a significant fire threat that will require separation and improved serviceable access to effect the steel industrial construction standards.

3.2 VEGETATION CLASSIFICATION

Vegetation within 100 metres of the subject site, part of Lot 3082, was classified in accordance with clause 2.2.3 and Table 2.3 of AS 3959-2018 as undertaken on 1 October 2019. Two BAL Contour Maps have been created: Pre-development BAL Contour Map and a Post-development BAL Contour Map. Each distinguishable vegetation plot with potential to determine the Bushfire Attack Level is identified below; those plots that are excluded are highlighted on the Pre-development BAL Contour Map.

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Photo ID:	1a	Plot:	A
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
<p>Low closed savannah forest with trees to 10 metres and 80% coverage over dense scrub understorey characterised by a continuous horizontal and vertical vegetation structure greater than two metres in height (refer Table 2.3 of AS3959-2018).</p>			

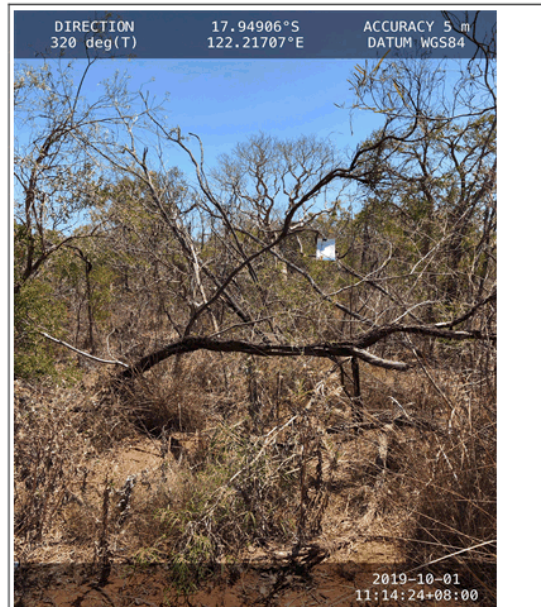


Photo ID:	1a	Plot:	B
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
<p>As Above</p>			



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Photo ID:	1a	Plot:	C
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			

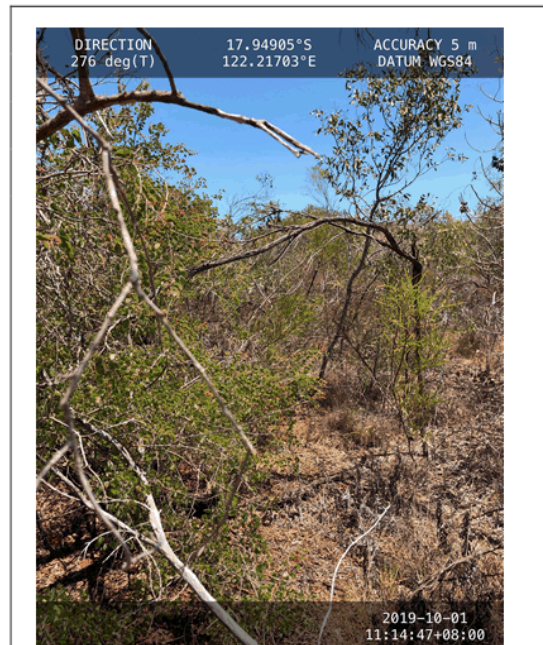


Photo ID:	1b	Plot:	A
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
<p>Low closed savannah forest with trees to 10 metres and 80% coverage over dense scrub understorey characterised by a continuous horizontal and vertical vegetation structure greater than two metres in height (refer Table 2.3 of AS3959-2018).</p>			



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Photo ID:	1b	Plot:	B
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
As above			



Photo ID:	1b	Plot:	C
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
As above			



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Photo ID:	1c	Plot:	A
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
<p>Low closed savannah forest with trees to 10 metres and 80% coverage over dense scrub understorey characterised by a continuous horizontal and vertical vegetation structure greater than two metres in height (refer Table 2.3 of AS3959-2018).</p>			



Photo ID:	1c	Plot:	B
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
<p>As Above</p>			



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Photo ID:	1c	Plot:	C
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
As above			



Photo ID:	1d	Plot:	A
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
Low closed savannah forest with trees to 10 metres and 80% coverage over dense scrub understorey characterised by a continuous horizontal and vertical vegetation structure greater than two metres in height (refer Table 2.3 of AS3959-2018).			



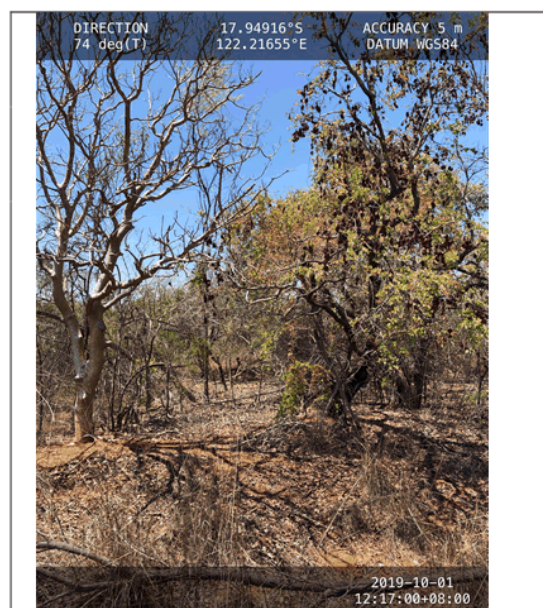
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Photo ID:	1d	Plot:	B
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
As above			



Photo ID:	1d	Plot:	C
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
As above			



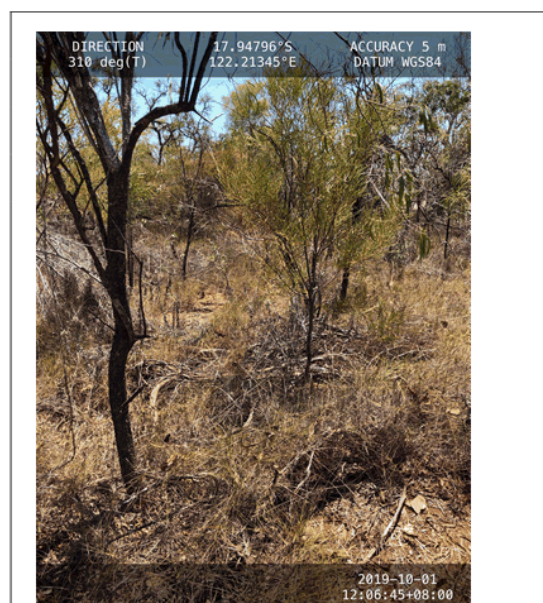
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Photo ID:	2	Plot:	A
Vegetation Classification or Exclusion Clause			
Class D Scrub			
Description/ Justification for Classification			
<p>Scrub characterised with a continuous horizontal and vertical vegetation structure greater than two metres in height.</p>			



Photo ID:	2	Plot:	B
Vegetation Classification or Exclusion Clause			
Class D Scrub			
Description/ Justification for Classification			
<p>As above</p>			



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Photo ID:	2	Plot:	C
Vegetation Classification or Exclusion Clause			
Class D Scrub			
Description/ Justification for Classification			
As above			



Photo ID:	2	Plot:	D
Vegetation Classification or Exclusion Clause			
Class D Scrub			
Description/ Justification for Classification			
As above			



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Photo ID:	3	Plot:	A
Vegetation Classification or Exclusion Clause			
Excluded as Cleared			
Description/ Justification for Classification			
Excluded as non-vegetated area used as Airport runway under 2.2.3.2 (e)			

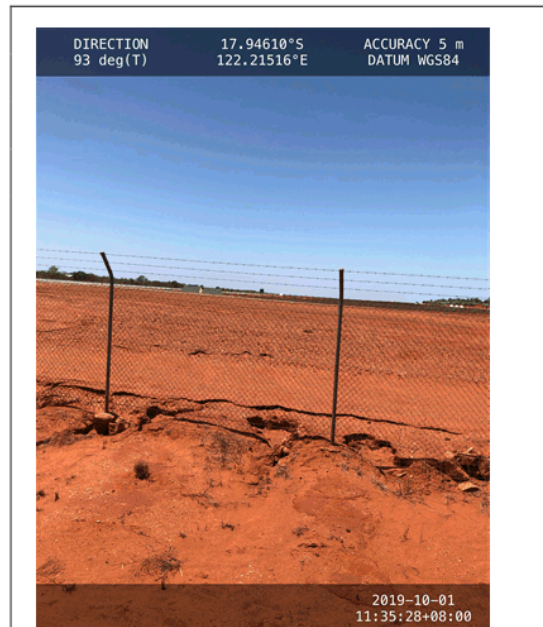


Photo ID:	4	Plot:	A
Vegetation Classification or Exclusion Clause			
Class D Scrub			
Description/ Justification for Classification			
Scrub characterised with a continuous horizontal and vertical vegetation structure greater than two metres in height.			



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Photo ID:	4	Plot:	B
Vegetation Classification or Exclusion Clause			
Class D Scrub			
Description/ Justification for Classification			
As above			

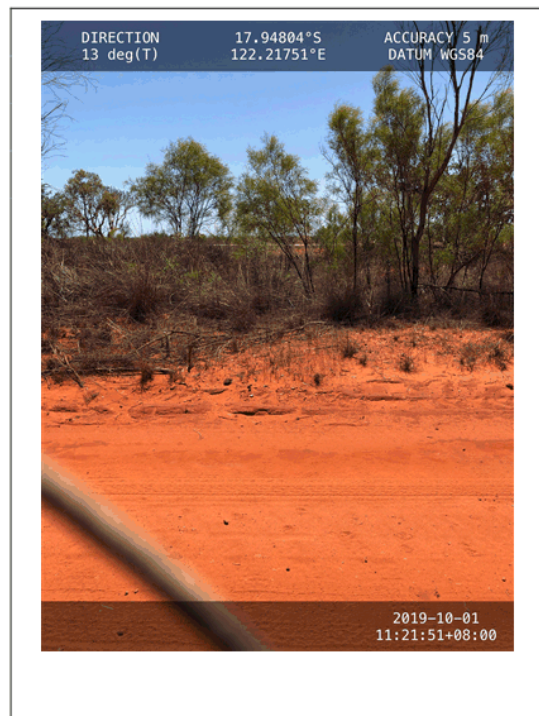
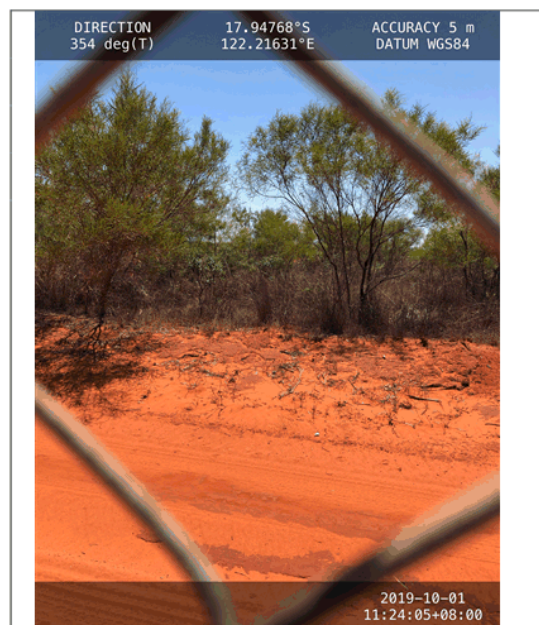


Photo ID:	4	Plot:	C
Vegetation Classification or Exclusion Clause			
Class D Scrub			
Description/ Justification for Classification			
As above			



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plan

nby structure plan part of lot 3082
bmp

Photo ID:	5	Plot:	A
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
<p>Low closed savannah forest with trees to 10 metres and 80% coverage over dense scrub understorey characterised by a continuous horizontal and vertical vegetation structure greater than two metres in height (refer Table 2.3 of AS3959-2018).</p>			



Photo ID:	5	Plot:	B
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
<p>As above</p>			



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Photo ID:	5	Plot:	C
Vegetation Classification or Exclusion Clause			
Class A Forest			
Description/ Justification for Classification			
As above			



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3.3 BUSHFIRE ASSESSMENT RESULT

Vegetation of the service commercial on part of Lot 3082 was classified as either Savannah Forest or Scrub in accordance with clause 2.2.3 of AS 3959-2018. Pindan country scrub vegetation is characterised with a continuous horizontal and vertical vegetation structure greater than two metres in height with sections of trees greater than 10 metres in height. Each distinguishable vegetation plot with potential to determine the Bushfire Attack Level is identified below in its current vegetated state and highlighted on the BAL Contour Map.

Table 1: Method 1 Determination

Plot	Applied Vegetation Classification	Effective Slope Under the Classified Vegetation (degrees)	Separation Distance to Structure Plan (metres)	BAL Contour
1	Class A Forest (Savannah)	Flat	0	BAL FZ
2	Class D Scrub	Flat	25	BAL 19
3	Managed as Cleared Runway	Flat	40	Excluded
4	Class D Scrub	Flat	5	BAL FZ
5	Class A Forest (Savannah)	Flat	8	BAL FZ

3.3.1 BAL CONTOUR PLAN

The Pre-development BAL Contour Map at Annex 1 represents contours devised for the vegetation in its current state. It shows subject site being part of Lot 3082 with a focus on the known development only for the proposed Stage One Bunnings development. To achieve a nominal BAL 29 rating at completion of development of Stage One Service Commercial will require an additional 12 metre separation between the proposed building and vegetation to be undertaken as part of site preparation and serviceable vehicle access routes. This 12 metre separation is shown on the Bushfire Management Plan at Annex 3.

A representation of the Post-development BAL Contour Map at Annex 2 is given on Table 2 that estimates the maximum BAL rating for the known development of stage one recognising separation of the steel constructed buildings from classified vegetation.

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Table 2 Highest estimated BAL rating in Stage One

Structure Plan Stage	Highest BAL Rating
1	BAL-29

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4. BUSHFIRE PROTECTION CRITERIA AND MANAGEMENT

This section addresses the relevant aspects of the *Guidelines for Planning in Bushfire Prone Areas* (Version 1.3, December 2018) and applies the bushfire protection criteria (Appendix 4): siting and design, vehicle access and water supply and references the Bushfire Guidance BMP Check List (Appendix 5). The following tabular analysis provides recommended approaches to bushfire management. This tabular analyses and the approach to bushfire management demonstrates that bushfire protection criteria can be achieved through various management measures to achieve a BAL Rating.

Bushfire protection criteria	Method of Compliance	Proposed bushfire management actions
	Acceptable solutions	
Element 1: Location	A1.1 Development location The strategic planning proposal is located in an area that is or will, on completion, be subject to either a moderate or low bushfire hazard level, or BAL-29 or below.	Land is suitable for intensification because it is demonstrated a bushfire rating of BAL 29 or less can be achieved for the service commercial structure plan area, comprising industrial standard steel construction, for part of Lot 3082. As shown in the Bushfire Management Plan.

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Element 2: Siting and design	A2.1 Asset Protection Zone <p>Every habitable building is surrounded by, and every proposed lot can achieve, an APZ depicted on submitted plans, which meets the following requirements:</p> <ul style="list-style-type: none"> •Width: Measured from any external wall or supporting post or column of the proposed building, and of sufficient size to ensure the potential radiant heat impact of a bushfire does not exceed 29kW/m² (BAL-29) in all circumstances. •Location: the APZ should be contained solely within the boundaries of the lot on which the building is situated, except in instances where the neighbouring lot or lots will be managed in a low-fuel state on an ongoing basis, in perpetuity. •Management: the APZ is managed in accordance with the requirements of 'Standards for Asset Protection Zones'. 	<p>An Asset Protection Zone is provided:</p> <ul style="list-style-type: none"> • along the road reserves as created by drainage swales, • by access and parking to Stage One, • by separating vegetation with a 10 metre wide serviceable access route around the entire boundary of part of Lot 3082, • Removal of vegetation to provide a 20 metre separation from classified vegetation and the stage one building to achieve an APZ.
Element 3: Vehicular access To accord with Table 6 of the Guidelines below	A3.1 Two access routes <p>Two different vehicular access routes are provided, both of which connect to the public road network, provide safe access and egress to two different destinations and are available to all residents/the public at all times and under all weather conditions.</p>	<p>Three constructed public access routes are available from Cable Beach Road East and Gubinge Road</p>
	A3.2 Public road <p>A public road is to meet the requirements in Table 6, Column 1 (Figure 1).</p>	<p>Two public roads with frontage to Lot 3082 comply with public Road specifications and link to an internal public road within part of Lot 3082 and will be constructed to meet the requirements of the Guidelines by the Developer.</p>

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	<p>A3.3 Cul-de-sac (including a dead-end-road) Where no alternative exists (i.e. the lot layout already exists, demonstration required):</p> <ul style="list-style-type: none"> •Requirements in Table 6, Column 2 (Figure 1); •Maximum length: 200 m (if public emergency access is provided between cul-de-sac heads maximum length can be increased to 600 m provided no more than eight lots are serviced and the emergency access way is no more than 600 m); and •Turn-around area requirements, including a minimum 17.5 metre diameter head. 	Not Applicable
	<p>A3.4 Battle-axe</p>	None applied
	<p>A3.5 Private driveway longer than 50 m.</p>	None applied
	<p>A3.6 Emergency access way Where no alternative exists (demonstration required), an emergency access way is to be provided as an alternative link to a public road during emergencies:</p> <ul style="list-style-type: none"> •Requirements in Table 6, Column 4 (Figure 1); •No further than 600 m from a public road; •Provided as right of way or public access easement in gross to ensure accessibility to the public and fire services during an emergency; and •Must be signposted. 	Proposed Emergency Access Way is provided from an existing Djagwan Road from Gubinge Road and another from Cable Beach Road East.
	<p>A3.7 Fire service access routes (perimeter roads)</p>	Fire Service Access routes are to occur within and around whole of the boundary of the service commercial area part of Lot 3082 to achieve standards of Table 6 of the Guidelines. The FSA along the northern boundary of part Lot 3082 is to be the 10 metres in width.

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	A3.8 Firebreak width Lots greater than 0.5 ha must have an internal perimeter firebreak of a minimum width of 3 m or to the level as prescribed in the local firebreak notice issued by the local government.	An internal 4 metres fire break to perimeter of Lot 3082.
Element 4: Water	A4.1 Reticulated areas The subdivision, development or land use is provided with a reticulated water supply in accordance with the specifications of the relevant water supply authority and Department of Fire and Emergency Services.	As per standard water reticulation requirements The Site will be reticulated. Reticulated water will be supplied in accordance with the Water Corporation's No. 63 Water Reticulation Standard. Fire hydrants supplied to roads within Stage One subdivision to Water Corporation requirements.
	A4.2 Non-reticulated areas	None applied
	A4.3 Individual lots within non-reticulated areas (Only for use if creating 1 additional lot and cannot be applied cumulatively)	Note applicable.

TECHNICAL REQUIREMENTS	1 Public road	2 Cul-de-sac	3 Private driveway	4 Emergency access way	5 Fire service access routes
Minimum trafficable surface (m)	6*	6	4	6*	6*
Horizontal clearance (m)	6	6	6	6	6
Vertical clearance (m)	4.5	N/A	4.5	4.5	4.5
Maximum grade <50 metres	1 in 10	1 in 10	1 in 10	1 in 10	1 in 10
Minimum weight capacity (t)	15	15	15	15	15
Maximum crossfall	1 in 33	1 in 33	1 in 33	1 in 33	1 in 33
Curves minimum inner radius (m)	8.5	8.5	8.5	8.5	8.5
*Refer to E3.2 Public roads: Trafficable surface					

Figure 1: Vehicular access requirements (Guidelines for Planning in Bushfire Prone Areas Table 6)

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Additional Management Actions

Construct a 10 metre wide compacted aggregate serviceable access way around the entire periphery of the structure plan area as defined by the boundary of part of Lot 3082 in accordance with Table 6 of the Guidelines for Planning in Bushfire Prone Areas.

Implementation Responsibilities

The responsibility of implementation of this Bushfire Management Plan essentially lies with Nyamba Buru Yawuru in unison with the stage one proponent

No.	Action	Implementation	Timing	On-going Maintenance	Timing	Check Box
1	Establish the Asset Protection Zone (APZ) to Stage One of part of Lot 3082.	NBY Stage One Proponent/ Wesfarmers	Prior to Building Clearance	NBY	In-perpetuity	
2	Construct vehicular access routes within the Stage One and to boundary of Structure Plan area (part of Lot 3082) to the required surface condition and clearances in the BMP as per Table 6 of the Guidelines.	NBY	Prior to Building Clearance	NBY	In-perpetuity	
3	Removal of vegetation to provide a 20 metre separation from classified vegetation and the stage one building to achieve an APZ as per Element 2 of the guidelines.	NBY Stage One Proponent/ Wesfarmers	Prior to Building Clearance	NBY	In-perpetuity	
4	As per standard water reticulation requirements The Site will be reticulated. Reticulated water will be supplied in accordance with the Water Corporation's No. 63 Water Reticulation Standard. Fire hydrants supplied to Water Corporation requirements to the length of Stage One of the southern subdivision road boundary.	Stage One Proponent/ Wesfarmers	Prior to Building Clearance	NBY	Before Hand-over	

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4.1 PERFORMANCE BASED SOLUTIONS

The Site assessment was conducted in accordance with AS 3959-2018 simplified procedure (Method 1). The Proposal meets all the compliance requirements for the four Bushfire Protection Criteria Elements. There are no performance-based solutions proposed.

4.2 SUMMARY OF THE ASSESSMENT OUTCOMES

This plan provides acceptable solutions and responses to the performance criteria outlined in the *Guidelines for Planning in Bushfire Prone Areas* (WAPC, Dec 2017).

The layout of the structure plan for part of Lot 3082 is such that no structure will be exposed to a radiant heat flux in excess of 29kW/m^2 (BAL-29) provided the management as outlined in this Plan is adopted; as individual specifications for the proposed steel constructed service commercial units is known, reassessment of the bushfire ratings may be required.

4.3 CERTIFICATION BY BUSHFIRE CONSULTANT

The signatory declares that all elements of the Bushfire Management Plan meets the requirements of State Planning Policy 3.7.

Signature: _____ Date: _____

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ANNEX 1

Pre-Development BAL Contour Map

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bmp

urban plan | design development



Legend

- Subject Site
- Stage One Potential Footprint
- 100m Assessment Area
- Plot Classified Vegetation
- Photo of plot with transect of effective slope beneath vegetation plot

BAL FZ
BAL 40
BAL 29
BAL 19
BAL 12.5

Vegetation Classification

- Plot 1 A Forest
- Plot 2 D Scrub
- Plot 3 Excluded Scrub
- Plot 4 D Scrub
- Plot 5 A Forest

**BAL Contour Plan: Pre Development Service Commercial
Structure Plan - Known Development**
Part of Lot 3082 Cable Beach Road East, Broome

Scale 1: 5,000 (A3)
0 20 40 200

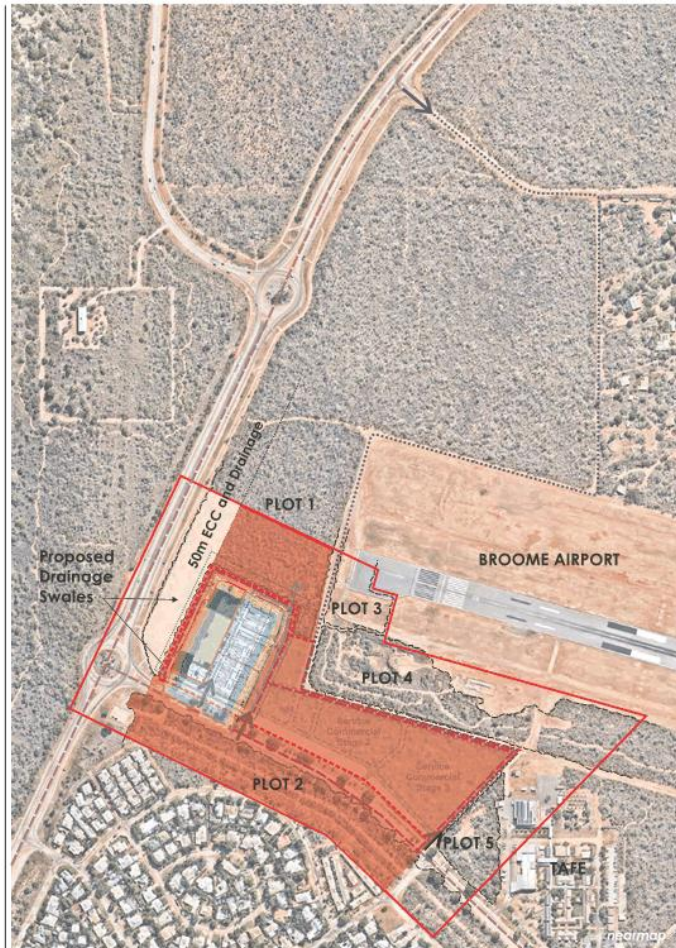
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ANNEX 2

Post-Development BAL Contour Map

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urban plan | design
development



Legend

- | | | |
|--|--------------------------------|----------|
| ← Emergency Access Way | --- Subject Site Boundary | BAL FZ |
| --- Fire Service Access Routes (10m wide) | --- Building Footprint | BAL 40 |
| ← Internal Public Road | --- 100m Assessment Area | BAL 29 |
| ← Three Access Routes | --- Plot Classified Vegetation | BAL 19 |
| Vegetation Separation = 12m | | BAL 12.5 |
| Drainage Swales (managed in perpetuity by Broome Shire) | | |
| Removal of vegetation to provide 20m plus APZ to comply with Element 2 | | |
| Hydrants to No.63 Standard | | |

**BAL Contour: Post Development Stage One Service Commercial
Structure Plan - Known Development**

Part of Lot 3082 Cable Beach Road East, Broome



Scale 1: 5,000 (A3)

0 20 40 200

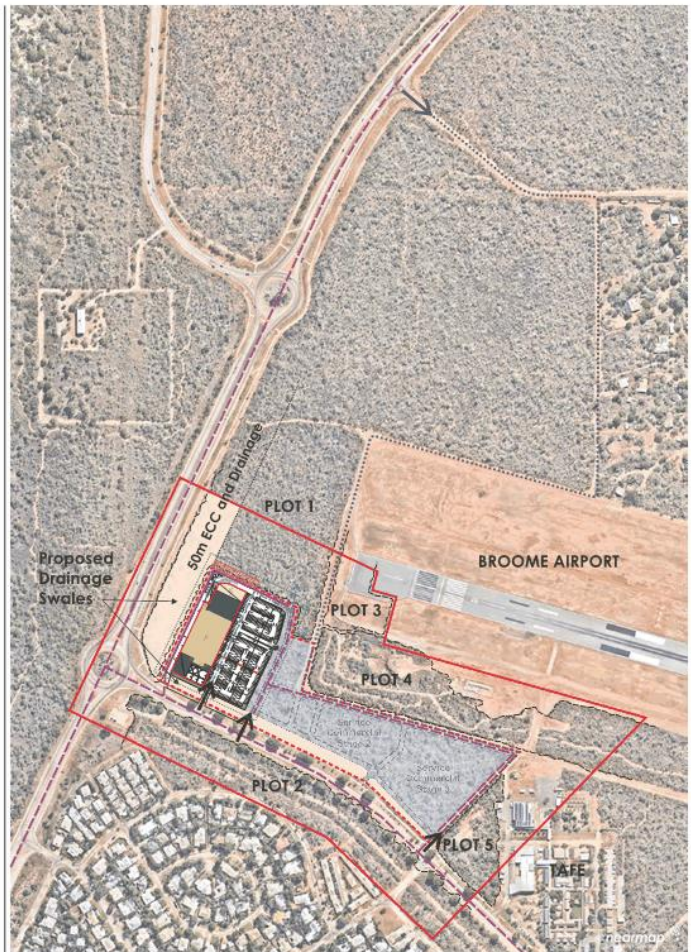
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ANNEX 3

Bushfire Management and Actions Plan

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urban plan | design
development



- | | |
|---|--|
| <p>Legend</p> <ul style="list-style-type: none"> ← Emergency Access Way — Fire Service Access Routes (10m wide) ← Internal Public Road ← Three Access Routes Vegetation Separation = 12m Drainage Swales (managed in perpetuity by Broome Shire) Removal of vegetation to provide 20m plus APZ to comply with Element 2 • Hydrants to No.63 Standard | <p>Legend</p> <ul style="list-style-type: none"> --- Subject Site Boundary Building Footprint 100m Assessment Area Plot Classified Vegetation |
|---|--|

Bushfire Management Plan and Actions
Part of Lot 3082 Cable Beach Road East, Broome

Scale 1: 5,000(A3)
0 20 40 60

urban
plan

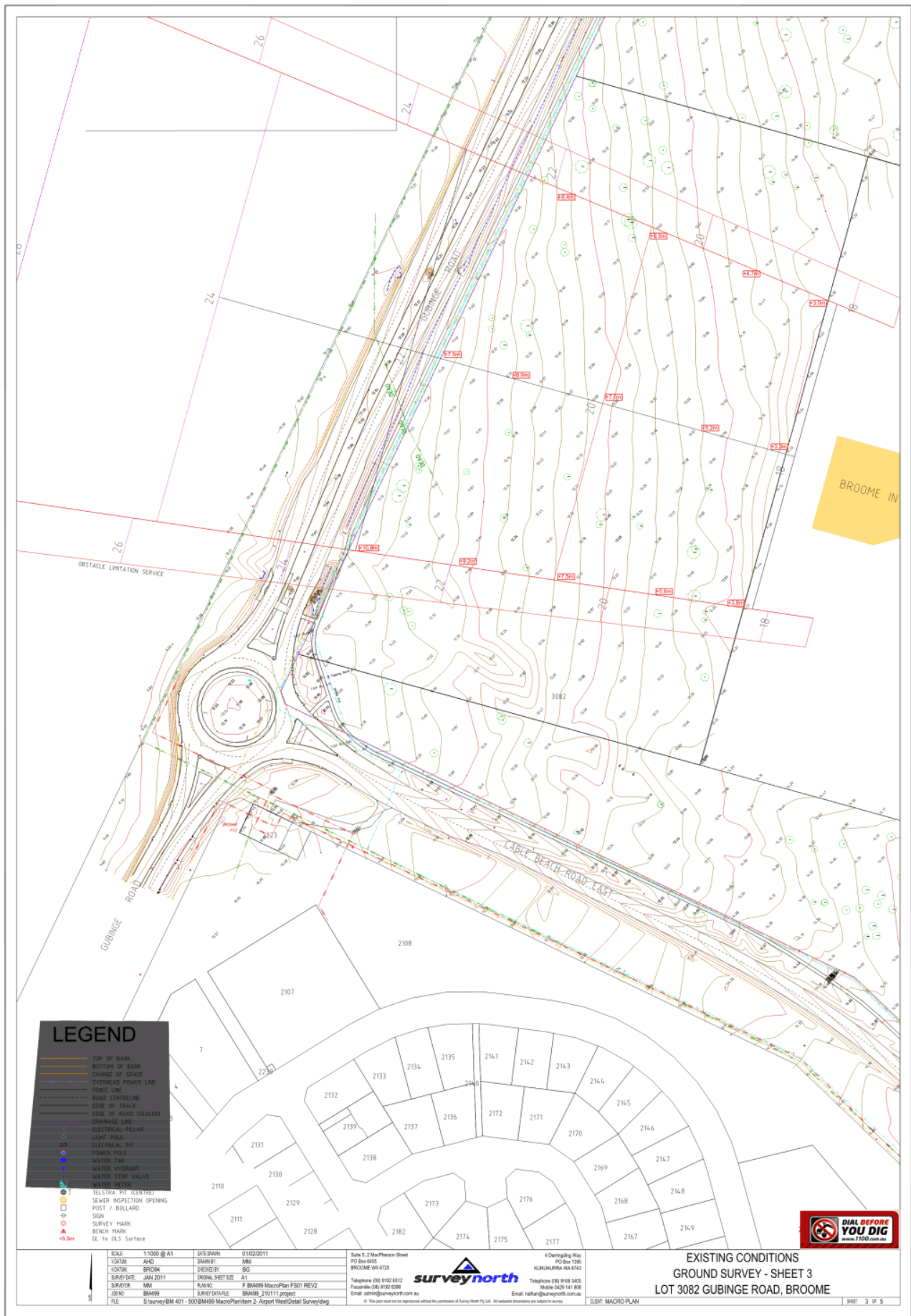
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ANNEX 4

GHD Level 2 Flora and Fauna Assessment

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9.2.2 ADOPTION OF PROPOSED AMENDMENT NO.10 TO LOCAL PLANNING SCHEME NO.6

LOCATION/ADDRESS:	Lot 3 Hopton Street, Lot 4 & Lot 5 Robinson Street, Broome
APPLICANT:	West Coast Plan
FILE:	LPS6/10
AUTHOR:	Planning Officer
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Chief Executive Officer
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	24 October 2019

SUMMARY:

At the Ordinary Meeting of Council held 27 June 2019, Council resolved to initiate Scheme Amendment No.10 to Local Planning Scheme No. 6 for the purpose of public advertising.

The amendment proposes to rezone Lot 3 Hopton Street and Lots 4 & 5 Robinson Street from Residential zone with a residential density coding of R10 to Mixed Use zone.

The amendment was advertised for 42 days from 22 August 2019 to 3 October 2019, thus satisfying the required 42 days advertising period pursuant to regulation 47(4) of the *Planning and Development (Local Planning Schemes) Regulations 2015*.

One submission was received during the advertising period.

It is recommended that Council consider and support the proposed amendment.

BACKGROUNDPrevious Considerations

OMC 27 June 2019

Item 9.2.3

At the Ordinary Council Meeting on the 27 June 2019, Council considered a request to initiate Scheme Amendment No. 10 and made the following resolution:

COUNCIL RESOLUTION:
(REPORT RECOMMENDATION)

Moved: Cr D Male

Seconded: Cr C Mitchell

That Council:

1. **Pursuant to section 75 of the Planning and Development Act 2005, amends the Shire of Broome Local Planning Scheme No. 6 for the purposes of public advertising by:**
 - a) **Amending the Scheme Maps by rezoning Lot 3 Hopton Street and Lots 4 and 5 Robinson Street from Residential (R10) to Mixed Use.**
2. **Determines that the amendment is a standard amendment under the provisions of the Planning and Development (Local Planning Schemes) Regulations 2015 for the following reasons:**
 - a) **It is consistent with the Shire's Local Planning Strategy;**
 - b) **It will have minimal impact on land in the scheme area; and**

c) It will not result in any significant environmental, social, economic or governance impacts on the land in the scheme area.

- 3. Requests that the Chief Executive Officer forward this resolution and the amendment documentation to the Environmental Protection Authority pursuant to section 81 of the Planning and Development Act 2005; and**
- 4. Subject to the advice of the Environmental Protection Authority under section 48A of the Environmental Protection Act 1986 that the amendment is not subject to formal environmental assessment, requests that the Chief Executive Officer advertise the amendment for 42 days as per the Planning and Development (Local Planning Schemes) Regulations 2015.**

CARRIED UNANIMOUSLY 7/0

Site and Surrounds

The land subject to Scheme Amendment No. 10 includes three lots (Lot 3 Hopton Street and Lots 4 & 5 Robinson Street) currently zoned Residential R10. Each of the three lots currently have single storey dwellings and are 844sqm, 764sqm and 803sqm respectively, in area. The subject lots are bound by Hopton and Robinson Streets, with the Robinson Street lots fronting onto the Town Beach reserve. All three lots are defined under the Old Broome Development Strategy (**OBDS**) as Area D, outlining the lots are envisioned to be for 'Mixed Use Tourist Residential' purposes. A location plan is included in **Attachment 1**.

The amendment seeks to rezone three Residential R10 lots to Mixed Use zone. It is also proposed to amend the existing Scheme Maps through the removal of the R10 designation, therefore the application residential density coding for the totality of the scheme amendment will be R40.

COMMENT

In accordance with the resolution of Council at the June 2019 Ordinary Meeting, the Scheme Amendment was forwarded to the Environmental Protection Authority which advised that the amendment did not need to be assessed under the Environmental Protection Act 1986. The amendment was then advertised for the required 42 days and is now being presented to Council for adoption.

An assessment has been undertaken to determine the suitability of the rezoning in the context of the broader planning framework. This is set out under the headings below.

Shire of Broome Local Planning Strategy

The Local Planning Strategy was endorsed in August 2014 and provides for the long-term use, development and conservation of land within the Shire of Broome through zones, reserves and other designations depicted on the Local Planning Strategy Maps.

Some of the zones, reservations and other designations in the Local Planning Strategy are already reflected in LPS6. However, where there is an inconsistency between the Local Planning Strategy and the Local Planning Scheme, a scheme amendment is required.

The land subject of this amendment is identified entirely as Mixed Use within the Local Planning Strategy, and hence, a scheme amendment is required to rezone Lot 3 Hopton Street, and Lots 4 & 5 Robinson Street from Residential R10 to Mixed Use. This will ensure further consistency between the Local Planning Strategy and LPS 6.

The Local Planning Strategy outlines that the predominant land uses associated with the Mixed Use zoning are to include offices, medium density residential (R40) and tourist accommodation. However, it also notes that in certain locations a lower density of R10 is considered appropriate to preserve the historic character of the area. This provision is not considered to be applicable to the subject land as while the land is zoned Residential R10, it is not located within the Special Character Area under the OBDS.

The Local Planning Strategy outlines that any future rezoning from 'Residential' to 'Mixed Use' is to be consistent with the Shire's Local Commercial Strategy, noting that additional information is required to support rezoning, including a commercial needs analysis.

In October 2017 Council adopted the Local Commercial Strategy. This is an informing document for the future Local Planning Strategy and outlines that the current planning framework provides adequate zoned land to accommodate the growth in retail and commercial floorspace demand, excluding supermarket floorspace. Given that the current planning framework makes provision for the proposed rezoning of the lots from Residential to Mixed Use, it is considered that the rezoning satisfies the requirements for the rezoning to be consistent with the Local Commercial Strategy.

A commercial floor space analysis was undertaken to inform the Old Broome Development Strategy adopted by Council in 2014. This sets out the planning direction for Old Broome and identifies that scheme amendments within Area D to up-code existing 'Residential' zoned land to a maximum density of R40 may be supported if it can be demonstrated that such a rezoning will not adversely affect the existing character of the area. The impact upon surrounding character is explored in more detail below.

Local Planning Scheme No.6

Lot 3 Hopton Street and Lots 4 & 5 Robinson Street are zoned Residential R10 under Local Planning Scheme No. 6 (**LPS6**). The proposed scheme amendment would rezone the subject lots from Residential R10 to Mixed Use zone, removing the current residential density coding as part of the process.

- Rezoning of Residential R10 lots to Mixed Use

The rezoning of the subject lots from Residential R10 to Mixed Use would require any future development to comply with Clause 3.34 – Development within the Mixed Use zone of LPS6. The rezoning of such sites would seek to increase the development potential of the lots, which may have adverse impacts upon the adjoining properties, though given the long-term intent of the area, and the desired Mixed Use zoning, and as outlined in the Strategy and OBDS, it is considered that any such impacts would likely be minimal.

Old Broome Development Strategy

The OBDS, adopted by Council in October 2014, outlines the medium – long term planning directions for Old Broome over the next 10 – 15 years, a similar timeframe to that contemplated in the Local Planning Strategy.

The OBDS sets out the following vision statement for Old Broome:

Old Broome will be a vibrant, accessible and equitable mixed use precinct meeting the needs of residents and visitors through development that is respectful of the rich cultural heritage and natural environment.

The subject lots are located within Area D - Mixed Use Tourist / Residential in the OBDS, which sets out a number of actions, including to support Scheme Amendments within Area D to up-code existing 'Residential' zoned land to a maximum density of R40 if it can be demonstrated that such a rezoning will not adversely affect the existing character of the area.

As identified in the assessment of the LPS6, the land itself is not included within the Old Broome Special Character Area, and rezoning residential zoned lots is a logical evolution of the existing Mixed Use zone, identified under the Local Planning Strategy. Future land uses and design responses within the subject land can be adequately addressed through a planning application, having regard to the provisions of LPS6 and the OBDS.

Conclusion

The amendment is consistent with the strategic planning framework. The public consultation has been performed and no objections were received. One submission was received from the Water Corporation advising that the zoning changes do not appear to impact on the Water Corporation and that reticulated water and sewerage services are available to the lots.

As the amendment is consistent with the local planning framework and the public advertising period did not raise any further planning considerations, it is therefore recommended that Council support the amendment. The resolution of Council will be forwarded to Western Australian Planning Commission for determination.

CONSULTATION

At the Ordinary Meeting of Council held on 27 June 2019, Council resolved to advertise Scheme Amendment No.10.

Prior to advertising, the application was referred to the Environmental Protection Authority (**EPA**) in accordance with Section 81 of the *Planning and Development Act 2005*. The EPA determined that the proposed scheme amendment should not be assessed under Part IV Division 3 of the *Environmental Protection Act 1986*.

The amendment was then advertised for 42 days from 22 August 2019 to 3 October 2019, thus satisfying the required 42 days advertising period pursuant to regulation 47(4) of the *Planning and Development (Local Planning Schemes) Regulations 2015*.

Advertising consisted of:

- Publication of a public notice in a locally circulating newspaper (Broome Advertiser);
- Display of a copy of the notice in the Shire administration office and on the Shire website;
- Display of a copy of the scheme amendment documentation for public inspection, including notification to any Public Authority the Shire considers will be affected by the amendment; and
- Providing the notice to any landowners within a 100m radius of the subject land as well as key stakeholders, including Horizon Power, Water Corporation, Department of Planning Lands and Heritage and Environmental Protection Authority.

The Shire received one submission during the 42 day advertisement period. The submission was from the Water Corporation who advise that the zoning changes do not appear to

impact on the Water Corporation and that reticulated water and sewerage services are available to the lots.

STATUTORY ENVIRONMENT

Planning and Development Act 2005 - Sect 84

84. Advertising proposed scheme or amendment

After compliance with sections 81 and 82, a local planning scheme prepared or adopted, or an amendment to a local planning scheme prepared or adopted, by a local government, is to be advertised for public inspection in accordance with the regulations.

Planning and Development Regulations 2015

34. Terms used

standard amendment means any of the following amendments to a local planning scheme —

- (a) an amendment relating to a zone or reserve that is consistent with the objectives identified in the scheme for that zone or reserve;
- (b) an amendment that is consistent with a local planning strategy for the scheme that has been endorsed by the Commission;
- (c) an amendment to the scheme so that it is consistent with a region planning scheme that applies to the scheme area, other than an amendment that is a basic amendment;
- (d) an amendment to the scheme map that is consistent with a structure plan, activity centre plan or local development plan that has been approved under the scheme for the land to which the amendment relates if the scheme does not currently include zones of all the types that are outlined in the plan;
- (e) an amendment that would have minimal impact on land in the scheme area that is not the subject of the amendment;
- (f) an amendment that does not result in any significant environmental, social, economic or governance impacts on land in the scheme area;
- (g) any other amendment that is not a complex or basic amendment.

35. Resolution to prepare or adopt amendment to local planning scheme

- (1) A resolution of a local government to prepare or adopt an amendment to a local planning scheme must be in a form approved by the Commission.

Note: Section 75 of the Act provides for a local government to amend a local planning scheme or adopt an amendment to a local planning scheme proposed by all or any of the owners of land in the scheme area.

- (2) A resolution must —
 - (a) specify whether, in the opinion of the local government, the amendment is a complex amendment, a standard amendment or a basic amendment; and
 - (b) include an explanation of the reason for the local government forming that opinion.
- (3) An amendment to a local planning scheme must be accompanied by all documents necessary to convey the intent and reasons for the amendment.

47. Advertisement of standard amendment

- (1) Subject to sections 81 and 82 of the Act, if a local government resolves under regulation 35(1) to prepare a standard amendment to a local planning scheme or to adopt a standard amendment to a local planning scheme proposed by the owner of land in the scheme area, the local government must, as soon as is reasonably practicable, prepare a notice in a form approved by the Commission giving details of –
 - (a) the purpose of the amendment; and
 - (b) where the amendment may be inspected; and
 - (c) to whom and during what period submissions in respect of the amendment may be made.
- (2) On completion of the preparation of the notice, the local government must advertise the standard amendment to a local planning scheme as follows –
 - (a) publish the notice in a newspaper circulating in the scheme area;
 - (b) display a copy of the notice in the offices of the local government for the period for making submissions set out in the notice;
 - (c) give a copy of the notice to each public authority that the local government considers is likely to be affected by the amendment;
 - (d) publish a copy of the notice and the amendment on the website of the local government;
 - (e) advertise the scheme as directed by the Commission and in any other way the local government considers appropriate.
- (3) The local government must ensure that the standard amendment to the local planning scheme is made available for inspection by the public during office hours at the office of the local government.
- (4) The period for submissions set out in a notice must be not less than a period of 42 days commencing on the day on which the notice is published in a newspaper circulating in the scheme area.

50. Consideration of submissions on standard amendments

- (1) In this regulation — consideration period, in relation to a standard amendment to a local planning scheme, means the period ending on the latest of the following days —
 - (a) the day that is 60 days after the end of the submission period for the amendment;
 - (b) the day that is 21 days after the receipt of a statement in respect of the amendment delivered under section 48F(2)(a) of the EP Act;
 - (c) the day that is 21 days after the receipt of a statement in respect of the amendment delivered under section 48G(3) of the EP Act if that statement is in response to a request by the local government made under section 48G(1) of the EP Act before the later of the days set out in paragraphs (a) and (b);
 - (d) a day approved by the Commission; submission period, in relation to a standard amendment to a local planning scheme, means the period for making submissions specified in the notice in respect of the amendment referred to in regulation 47(1).
- (2) The local government —
 - (a) must consider all submissions in relation to a standard amendment to a local planning scheme lodged with the local government within the submission period; and

- (b) *may, at the discretion of the local government, consider submissions in relation to the amendment lodged after the end of the submission period but before the end of the consideration period.*
- (3) *Before the end of the consideration period for a standard amendment to a local planning scheme, or a later date approved by the Commission, the local government must pass a resolution —*
 - (a) *to support the amendment without modification; or*
 - (b) *to support the amendment with proposed modifications to address issues raised in the submissions; or*
 - (c) *not to support the amendment.*
- (4) *If no submissions have been received within the submission period, the resolution referred to in subregulation (3) must be passed as soon as is reasonably practicable after the end of the submission period.*

POLICY IMPLICATIONS

Nil.

FINANCIAL IMPLICATIONS

All costs associated with undertaking the scheme amendment, including advertising costs and staff time, were met by the applicant.

RISK

It is considered that potential risks from future development can be mitigated through a suitable design and will be explored through the development application process.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Accessible and safe community spaces

A healthy and safe environment

Our Place Goal – Help to protect the nature and built environment and cultural heritage of Broome whilst recognising the unique sense of the place:

Realistic and sustainable land use strategies for the Shire within state and national frameworks and in consultation with the community

A built environment that reflects tropical climate design principles and

A natural environment for the benefit and enjoyment of current and future generations

A preserved, historical and cultural heritage of Broome

Retention and expansion of Broome's iconic tourism assets and reputation

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population:

Affordable land for residential, industrial, commercial and community use

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

Effective community engagement

VOTING REQUIREMENTS

Simple Majority

COUNCIL RESOLUTION:
(REPORT RECOMMENDATION)

Moved: Cr C Mitchell

Seconded: Cr B Rudeforth

That Council:

- 1. Pursuant to regulation 50 (3) (a) of the Planning and Development (Local Planning Schemes) Regulations 2015 supports Amendment No. 10 to Local Planning Scheme No.6 to rezone Lot 3 Hopton Street and Lots 4 & 5 Robinson Street from Residential zone with a residential density coding of R10 to Mixed Use zone.***
- 2. Forwards the amendment documentation to the Western Australian Planning Commission and the Minister for Planning in accordance with regulation 53 (1) of the Planning and Development (Local Planning Schemes) Regulations 2015.***

CARRIED 6/1

Attachments

1. Scheme Amendment No.10 Report
2. Location Plan



LOCAL PLANNING SCHEME No. 6

Amendment No. 10

Planning and Development Act 2005

RESOLUTION TO AMEND LOCAL PLANNING SCHEME

SHIRE OF BROOME

LOCAL PLANNING SCHEME NO. 6 - AMENDMENT NO. 10

RESOLVED that the local government pursuant to section 75 of the *Planning and Development Act 2005*, amend the above local planning scheme by:

Rezoning Lot 3 (No. 3) Hopton Street, Lot 4 (No. 84) and Lot 5 (No. 86) Robinson Street, Broome from "Residential R10" to "Mixed Use" and amending the Scheme Map accordingly.

The Amendment is a standard amendment under the provisions of the *Planning and Development (Local Planning Schemes) Regulations 2015* for the following reason(s):

1. It is consistent with the objectives of the Mixed Use zone set out in Local Planning Scheme No. 6.
2. It is consistent with the Shire of Broome Local Planning Strategy, which was endorsed by the WAPC in August 2014.
3. It is consistent with the Mixed Use Tourist/Residential purpose as identified for the sites under the Old Broome Development Strategy.



Date of Council Resolution.....

.....
(Chief Executive Officer)

Dated this day of 20.....



SHIRE OF BROOME
LOCAL PLANNING SCHEME NO 6 - AMENDMENT NO. 10
SCHEME AMENDMENT REPORT

SCHEME AMENDMENT REPORT

INTRODUCTION

This report has been prepared on behalf of the owners to support the rezoning of Lot 3 (No. 3) Hopton Street and Lots 4 (No. 84) and 5 (No. 86) Robinson Street, Broome from its current 'Residential R10' zoning to a 'Mixed Use' zoning.

The report provides consideration of each of the relevant planning controls guiding land use and development proposals for the three subject sites and discussion demonstrating how the proposed amendment is consistent with the aims, objectives and principles of those planning controls.

SITE DETAIL

Title and Ownership

The proposed rezoning area consists of three properties, being:

Lot 3 (No. 3) Hopton Street: Area 845m², Diagram 097150, Volume 2161, Folio 13
Owner: Emily K Hutchinson and Michael D Hutchinson

Lot 4 (No. 84) Robinson Street: Area 765m², Diagram 097150, Volume 2161, Folio 14
Owner: Citrine Nominees Pty Ltd

Lot 5 (No. 86) Robinson Street: Area 804m², Diagram 097150, Volume 2161, Folio 15
Owner: Anthony J Hutchinson

A 5m wide parallel easement (Section 27A) for sewer, in favour of the Water Corporation, runs within the rear boundary of Lot 4 and side boundary of Lot 5 finishing 3m within Lot 3 providing a sewer connection to that lot.

Site Land Use

Lot 3 Hopton contains a single storey residence of fibro wall and steel roof construction in an established treed garden.

Lot 4 Robinson contains a single storey residence of brick wall and iron roof construction in an established treed garden.

Lot 5 Robinson contains a single storey residence of Colorbond wall and roof construction in an established treed garden.

Site Context

To the west, Lot 332 (No. 5) Hopton contains a recently built "Broome style" bungalow on an original Old Broome Lot, with a shed/garage at the rear.



On the north side of Hopton Street are single residential houses.

To the east is the Town Beach Reserve and Pioneer Cemetery.

To the south is Lot 30 (No. 88) Robinson street a mostly vacant sparsely treed property containing remnants of an old house.

The combined site is opposite the Town Beach Reserve a highly visited location by local residents and tourists. The Town Beach Reserve hosts the very popular weekly night markets on Thursday nights from June until September and the Staircase to the Moon markets bimonthly from March to May and in October. The Reserve also hosts the Annual Dragon Boat Regatta in August. A boat ramp, jetty and kiosk exists within the reserve

PROPOSED SCHEME AMENDMENT

The purpose of the amendment is to rezone Lot 3 Hopton and Lots 4 and 5 Robinson Street, Broome from "Residential R10" to "Mixed Use". All three lots lie adjacent to each other and create a clearly defined geometric precinct.

The proposed 'Mixed Use' zone will facilitate the development of mixed-use development on each of the lots comprising group or multiple residential dwellings to an R40 density incorporating commercial tenancies fronting the street at ground level. The following commercial uses are envisaged; art gallery, tourist booking office, food market, mini brewery with dining/al fresco and wellness centre day spa, although final commercial uses will be determined at development application stage.

PLANNING CONTROLS – JUSTIFICATION AND ASSESSMENT

The following considers each of the statutory and strategic planning controls that are relevant to guiding the consideration of planning proposals on the subject sites and provides justification demonstrating how the proposed amendment is consistent with the Shire's intended development for the land.

Local Planning Scheme No. 6

Local Planning Scheme No. 6 (**LPS6**) provides a list of aims of the Scheme and those aims that are relevant to the proposed amendment site are listed below and justification follows on how the proposed amendment is consistent with each 'aim'.

1.6.1 Place

(f) Safeguarding and enhancing the character and amenity of the built environment and urban spaces of the Scheme Area.

The proposed zoning of Mixed Use will enhance the amenity of the built environment by facilitating the development of mixed use in accordance with the intentions of the Old Broome Planning Strategy for the subject sites

1.6.2 People

(b) Supporting a diverse range of housing choice for a varied residential population, to establish and maintain community identity and high levels of amenity.



The proposed zoning of Mixed Use will facilitate new development of group or multiple style housing allowing for a varied provision of accommodation type and bringing in new population close to the Town Beach active centre and Seaview local centre.

1.6.3 Prosperity

(a) Assisting employment and economic growth and providing opportunities for the establishment of businesses.

(b) Providing a range of tourist facilities and accommodation and protecting strategically important tourist sites.

The proposed zoning of Mixed Use will facilitate new small businesses in the form of the retail/commercial establishments to be developed as part of a 'mixed use' development as required under LPS6 and the OBDS. These commercial uses will provide a synergy to the tourist attraction of town beach and help strengthen it as a tourist destination all year round and provide new residents close to the Seaview local centre.

1.6.4 Infrastructure

(a) Ensuring timely and sufficient supply of serviced and suitable land for housing, employment, economic activities, community facilities, recreation and open space.

The proposed zoning of Mixed Use will facilitate the development of housing within Old Broome achieving more efficient use of public utilities and together with the commercial uses will provide a new population base, employment opportunities and economic growth to support the ongoing active centre of Town Beach and Seaview local centre. Development facilitated by the amendment is considered to be very timely given the current Stage 1 works and intended future works for the Town Beach Reserve (discussed in detail under the Old Broome Development Strategy below) and help consolidate it as an ongoing active (tourist) centre.

1.6.5 Sustainability

(a) Providing for the sustainable use and development of land.

The proposed zoning of Mixed Use will facilitate the development into group or multiple housing and commercial use over land that is currently arguably underutilised given its prominent position opposite the tourist destination and active centre of Town Beach and 400m catchment of Seaview local centre. The increase in density from R10 to R40 will make more efficient and sustainable use of existing services.

Mixed Use Zone

The proposed zoning for the sites is 'Mixed Use'. LPS6 under Clause 3.6 provides the purpose and objectives for the Mixed Use zone. The following discussion demonstrates how the proposed rezoning of the subject sites to Mixed Use will achieve the 'purpose' and 'objectives' for the Mixed Use zone.

"3.6.1 The purpose of the Mixed Use zone is to provide for residential, tourist, offices and other compatible uses which complement the mixed use character of the zone.

Control will be exercised over the nature of commercial uses and their site layout and design in order to minimise potential conflict with residential uses to ensure that designs respond to the key natural and built features of the area and responds to the local context in terms of bulk and scale. In



particular a high level of visual amenity, security and privacy is to be ensured while noise disturbance will be minimised."

The general 'purpose' of the Mixed Use zone and need for the commercial uses of any new development facilitated by the rezoning to minimise potential conflict and its design being sympathetic to the existing residences and residential built form is acknowledged by the owners of the subject three properties. The owners will be cognisant of addressing the visual amenity, security and privacy factors of the commercial components in their respective development applications.

It is intended that the commercial uses be limited to tenancies on the ground floor fronting Hopton Street and Robinson Street with a zero lot setback, in accordance with the Old Broome Development Strategy objectives (discussed under Old Broome Development Strategy heading below). Given the sites location there is considered to be limited potential impact to residents in terms of bulk and scale in the local context given that the land opposite the potential commercial uses is the Town Beach Reserve and the other private land adjoining to the south or north also lie within the same strategic use of Mixed Use Tourist/Residential (discussed under Local Planning Strategy and OBDS, below). While some R10 properties exist adjoining the subject site, the local built context also includes R50 and R30 developments and the Town Beach Caravan Park. The 'local character' of the immediate area is not solely defined by R10 density development but rather a mix of varied land uses including single residences, group dwellings, caravan park, open space, museum etc.

3.6.2 The "objectives of the Mixed Use Zone are to:

(a) encourage a range of land uses, particularly office and tourist uses which support the functions of the nearby Town Centre Zone but which do not detract from the Town Centre Zone's role as the principal centre for retail and commercial activity; and

(b) encourage development in accordance with relevant development strategies and design guidelines."

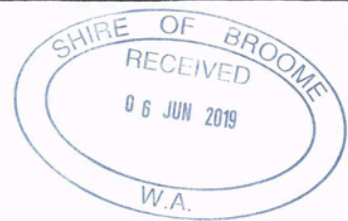
Redevelopment of the sites will take the form of group or multiple housing to a maximum R40 density with commercial tenancies of a tourist nature in compliance with allowable uses under the Mixed Use zone. The commercial uses will be limited in floor space and are intended to be of a tourist nature and accordingly the scale and type of commercial use will not detract from, or compete with, the role of Chinatown as Broome's 'town centre'. The intended development will be designed in consideration of the objectives of the Old Broome Planning Strategy, as discussed below, and any relevant design guidelines.

The proposed rezoning to 'mixed use' is considered to align with the purpose and objectives of the mixed use zone under LPS6.

Local Planning Strategy

Broome's Local Planning Strategy was adopted in 2014 and was prepared in accordance with the former Town Planning Regulations 1967 (now replaced by the Planning and Development [Local Planning Schemes] Regulations 2015) and:

- sets out the long term planning directions for the whole of Shire of Broome;
- applies State and regional planning policies; and
- provides the rationale for the zones and other provisions of the planning scheme for the Shire.



Broome's Local Planning Strategy provides the following broad objectives, relevant to the proposed rezoning:

"To facilitate the development of Broome as the principal centre in the Kimberley to grow into a liveable regional city of between 25,000 and 35,000 permanent residents by around 2030 (WA Tomorrow 2012).

To create a sustainable and diverse Townsite which provides for high levels of employment and economic growth."

The rezoning of the subject sites to Mixed Use will facilitate development with a mix of residential and commercial land use consistent with the objectives.

The Local Planning Strategy under Existing and Future Retail and Commercial Areas (Figure 9) identifies the sites for "mixed use" and being within the 400m catchment of the existing "local centre site" of Seaview Shopping Centre on Robinson Street (opposite Saville Street).

The Local Planning Scheme identifies a number of precincts within the Broome Townsite, the subject sites are located within Precinct 2 (Old Broome) where the objective is to:

"Establish Precinct 2 as a 'Mixed Use' area consisting of residential, tourist, and office uses in an open form of development that recognises the historic character of the area."

and the Guidelines for Precinct 2 are to:

"Prepare Development Strategies which consider the integration of retail, mixed use development and tourism and recreational values of the precinct; and

Implement the Development Strategies and design guidelines where necessary."

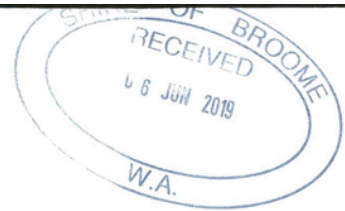
The proposed rezoning to 'Mixed Use' is consistent with the Local Planning Strategy's objective for the sites.

The Shire has subsequently prepared a Local Commercial Strategy (2017) and Old Broome Development Strategy (2014) which provides more refined guidance to the intentions and requirements for 'mixed use' proposals within Precinct 2 Old Broome, which are addressed under respective headings below.

Local Commercial Strategy (2017)

The Local Commercial Strategy indicates that based on population forecasts of long term residents coupled with the larger service population (including regional residents and tourists) "suggests a total additional demand for around 31,000sqm of additional retail floorspace and 9,000sqm of additional office floorspace by 2031." The Local Commercial Strategy identifies the sites as being within the 'mixed use' area.

The Local Commercial Strategy is cognisant of the Old Broome Development Strategy and its purpose of formulating "a 'vision' for Old Broome, identifying several precincts with defined



development objectives and land use permissibility assumptions." but is silent on dealing with proposed mixed use area of Precinct 2 as defined in the Old Broome Development Strategy.

The Local Commercial Strategy identifies the Seaview shopping centre as an existing 'local centre' and for it to continue with that level of function into the long-term future and provides as a strategy for the centre to *"encourage tourist related retailing"*. The subject sites lie within the 400m catchment of the Seaview local centre. The Strategy includes a recommendation for investigating the centre to be strengthened by tourist related services.

Given the requirement under LPS6 for mixed use developments having to incorporate commercial tenancies at the street frontage(s) the total commercial floorspace area facilitated by the eventual development will be relatively minor. Such minor addition of floorspace is considered to be consistent with the objectives for the ongoing function of the Seaview centre continuing its role as a 'local centre'. The planning framework clearly identifies the sites for 'mixed use' and given the intention for tourist related services to be incorporated into the commercial tenancies it is considered that this satisfies the requirements for the rezoning to be consistent with the Local Commercial Strategy.

Old Broome Development Strategy (2014)

The Old Broome Development Strategy (OBDS) was prepared in response to the Local Planning Strategy which seeks *"preparation of development strategies and/or design guidelines for the precincts in which substantial development or redevelopment is anticipated."* The OBDS covers Precinct 2 "Old Broome" as defined under the Local Planning Strategy and it also incorporates a Concept Plan for the Town Beach and Conti Foreshore Area.

The OBDS was adopted as a Local Planning Policy and as such provides the main strategic planning guidance for land use and development consideration within 'Old Broome'.

The OBDS identifies eight distinct 'land use areas', the subject sites lie within "Area D – Mixed Use Tourism/Residential".

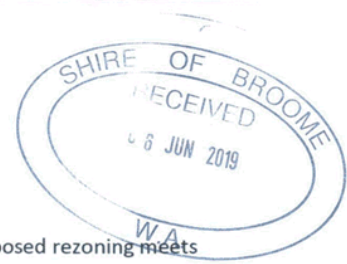
The OBDS provides the following general qualification for considering rezoning applications within 'Old Broome'

"The Shire will only support proposals within Old Broome that seek to vary the provisions of LPS6 or rezone the land if it is satisfied that the proposal is timely and supports realisation of the long term objectives for the area."

and two other specific relevant qualifications in respect to considering rezoning applications for 'mixed use' within Area D, being:

"4 Support Scheme Amendments for lots with frontage to the streets identified on the Strategy Plan as 'priority active frontages' only when the zoning is 'Mixed Use'."

8 Clause 4.32.3(b) of LPS6, which prohibits new residential development unless it is located above or behind an existing or new commercial development on site, shall apply only to lots with frontage along streets shown in the Strategy Plan as 'Priority Active Frontages'."



The following provides argument and discussion to demonstrate that the proposed rezoning meets the rezoning qualifications of the OBDS:

The proposed zoning of 'Mixed Use' over the land is consistent with the intentions for Area D – Mixed Use Tourism/Residential, within which the land lies.

Lots 4 and 5 Robinson Street are identified as 'priority active frontage' properties in the OBDS and the Mixed Use zoning will facilitate the realisation of this long term intention.

Lot 3 Hopton Street whilst not located on a 'priority active frontage' will be developed as a mixed-use site and accordingly will be consistent with the long term intentions for the site under Area D of the OBDS.

The proposed amendment is considered timely as the mixed use development facilitated by the rezoning will add new population and tourist related commercial uses to help support the long term objectives for Town Beach as an active tourist based centre and Seaview as a local shopping centre. It is noted that works are already underway to create a new revetment wall featuring grassed terraces to create a new vantage point for residents and tourists to witness the Staircase to the Moon. The commercial tenancies will also add a synergy to the Staircase markets and weekly on-season markets held at Town Beach as well as assisting the vitality of the Town Beach as an active centre throughout the year.

The OBDS provides a detailed list of 'Preferred Uses' incorporating both residential based and commercial based land uses, as well as a list of 'Not Preferred Uses' and 'Inappropriate Uses' to highlight the land use intentions for Area D. The proposed Mixed Use zoning will facilitate the development of group or multiple dwellings and commercial uses of a tourist nature or complementary to tourism which are all land uses included as 'Preferred Uses'.

The residential component will be built subject to Mixed Use provisions of the Residential Design Codes and the urban form principles as outlined in the OBDS and the (pending) Old Broome Design Guidelines if they are operating/adopted at the time of designing the development. The 'Broome style' vernacular will be adopted in the building design, such design will limit any impact to the existing R10 residential areas.

Private land surrounding all three sides of the subject land is also designated within Area D Mixed Use Tourist/Residential. Therefore, all of the R10 sites adjoining are intended to be zoned Mixed Use or a residential density up to R40 in the long term.

It is contended that redevelopment of the subject sites to mixed use incorporating a residential density of up to R40 and commercial tenancies fronting Robinson Street will not materially impact the existing character of the local area as the area contains a mix of residential densities and a variety of land uses including caravan park, Seaview shopping centre, town beach reserve and museum.

The subject land is located outside of the Old Broome Special Character Area. The OBDS states that no density above R10 will be considered for the area designated Old Broome Special Character Area. Lot 3 Hopton Street's western boundary is situated over 120m from the Character Area boundary. Development facilitated by the proposed rezoning is considered not to have any impact given its location away from the Character Area.



The owners of each of the three lots are cognisant of, and will incorporate into their development designs, the requirement for the residential component to be located behind and/or above the commercial frontage and for the Robinson Street fronting commercial tenancies to be set at a nil street setback, so as to 'activate' the street.

The OBDS as a specific action under Urban Form (provision 4.7.4 [3]) seeks to "*investigate opportunities to activate the eastern side of Robinson Street adjacent to Town Beach through mixed use infill development*" which is public land (notated as Item 13 on Town Beach Conti Foreshore Concept Plan). The proposed amendment will facilitate the activation of the western side of Robinson Street which will provide a synergy to help support the activation of the eastern side and generally support vibrancy of Town Beach and eventually help provide a long term tourist pedestrian loop to Seaview shopping centre via the revetment wall pathway and activated Robinson Street.

The proposed amendment will not in anyway compromise the OBDS' long term objective of extending Hamersley Street south to link to an extended Hopton Street.

The proposed amendment will not in anyway compromise the vision, intentions and future upgrades as provided for under the Town Beach and the Conti Foreshore Concept Plan. The intended mixed use development over the subject sites will provide additional population and commercial uses to assist the ongoing vibrancy and vitality of Town Beach and the various community and tourist events it hosts.

The proposed rezoning of the sites to 'Mixed Use' is considered timely and will help support the long term objectives and intentions for the sites, Area D, Town Beach and Seaview local centre, as sought by the OBDS.

SUMMARY AND CONCLUSION

The proposed amendment has been demonstrated to:

- meet with the aims and objectives of each of the planning controls and accordingly presents a sound case for achieving orderly and proper planning;
- be a timely proposal given the works currently progressing to revitalise the Town Beach foreshore;
- meet with the aims and objectives for the Mixed Use zone under LPS6;
- be consistent with Mixed Use intentions as identified for the sites under the Local Planning Strategy;
- be consistent with the intentions as identified for the sites under the Local Commercial Strategy;
- be consistent with Mixed Use Tourist/Residential identification for the sites under the OBDS;
- facilitate development that will activate the Robinson Street frontages consistent with objectives for Robinson Street under the OBDS; and
- be a timely rezoning to provide additional population and commercial activity to support the long term revitalisation of Town Beach and environs, particularly as Stage 1 works are currently progressing.

Given the above, there is compelling argument provided in favour of the rezoning and accordingly the Shire's support to the proposed rezoning to 'Mixed Use' over Lot 3 Hopton Street and Lots 4 and 5 Robinson Street is sought.



SHIRE OF BROOME



EXISTING SCHEME MAP



DECEMBER 2018

LOCAL PLANNING
SCHEME NO.6

AMENDMENT NO. 10



PROPOSED SCHEME AMENDMENT MAP

LEGEND	
LOCAL SCHEME RESERVES	
	PARKS, RECREATION AND DRAINAGE
	PUBLIC PURPOSES - DEPARTMENT OF ENVIRONMENT AND CONSERVATION
LOCAL SCHEME ZONES	
	MIXED USE
	RESIDENTIAL
	SPECIAL USE - CARAVAN PARK
OTHER CATEGORIES	
	WATERBODIES





■ Subject Site

9.3

OUR PROSPERITY



PRIORITY STATEMENT

Our region has grown significantly over the past years in terms of population, economy and industry – this will continue! Balancing ecological sustainability with economic growth and retaining the 'look and feel' of Broome and its environs are an ongoing challenge for the region. Encouraging appropriate investment and business development opportunities to ensure a strong, diverse economic base is essential for community prosperity and the success of our future generations.

Focusing on developing clear pathways linking education with employment for our youth and the community at large is essential as we aim to retain our local people and continue to build a skilled and highly motivated workforce.

Business and Industry partnerships must be fostered to ensure sustainable economic growth is achieved, along with the provision of affordable and equitable services and infrastructure. Ensuring development meets community needs and legislative requirements whilst creating close community relationships and enhancing our understanding of local heritage and cultural issues will continue to be a major focus. The built environment must contribute to the economy, long term viability of the region and provide a quality lifestyle for all.

Chairperson.....Date.....

There are no reports in this section.

OUR ORGANISATION



PRIORITY STATEMENT

Council will strive to create an environment where local governance is delivered in an open and accountable manner; where we provide leadership to the region in such areas as planning and financial management; where the community has the opportunity to contribute to the Council's decision making thereby fostering ownership of strategies and initiatives.

In delivering open, accountable and inclusive governance, we will be ever mindful that we operate within a highly regulated environment that requires a high level of compliance.

Council will strive to be the conduit between the other spheres of government and the community, translating State and Federal law, policy and practice into customer focussed, on ground service delivery that support's Broome's unique lifestyle.

The Region is experiencing significant change with Council dedicated to sound governance, effective leadership and innovation, and high quality services. Building organisational capacity is a priority with a commitment to delivering services to the community in a sustainable, effective and accountable way.

9.4.1 COUNCIL MEETING DATES 2020

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	AME01
AUTHOR:	Senior Administration and Governance Officer
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	6 November 2019

SUMMARY: This report requests Council consider the dates, times and locations of the Ordinary Meetings of Council, to be held in 2020.

The report recommends that Council adopts the proposed meeting dates and they be advertised as required under the *Local Government Act 1995*.

BACKGROUND*Previous Considerations*

Nil.

In accordance with Regulation 12(1) of the *Local Government (Administration) Regulations 1996*, local governments are to, at least once a year, provide local public notice of the date, time and location that their Ordinary Meetings of Council (OMC) are to be held within the next 12 months.

COMMENT

It is proposed that in 2020, OMC are held in the Shire of Broome Council Chambers at 5:00pm, on the last Thursday of every month except for January, November and December.

Since 2011, Council has had a recess in January to allow staff and Councillors time off over the Christmas and school holiday period.

An early December meeting date is proposed to coincide with the expected timing of an Annual Electors Meeting in mid-December, as well as to ensure that the meeting occurs prior to the school holidays and Christmas-New Year period.

The proposed November meeting date has also been brought forward a week to provide for a more even distribution of the Agenda preparation cycle and meeting dates towards the end of 2020.

Proposed dates are attached in Attachment 1 - 2020 Ordinary Meetings of Council Calendar below. The proposed dates take into consideration 2020 public holidays and WALGA's Local Government Week, scheduled 5 to 7 August 2020.

Community Meetings

Prior to 2017, one OMC was held each year at a major community within the Shire of Broome. However, Council resolved at the November 2016 OMC that no annual OMC would be held at a community in 2017. Instead it was proposed that the Shire President, Councillors and Shire officers would visit a major community annually, after necessary appointments and items for discussion had been arranged.

During the annual visit to communities in October 2018, Councillors agreed to facilitate community meetings once per year to discuss matters relevant to each community. It is intended that Councillors and senior staff will attend meetings with communities:

- on the Dampier Peninsula between April and May 2020
- with the Bidyadanga community between September and October 2020.

Meetings will be scheduled at a date and time suitable for each community.

CONSULTATION

Nil.

STATUTORY ENVIRONMENT

Local Government Act 1995

5.3. Ordinary and special council meetings

- (1) A council is to hold ordinary meetings and may hold special meetings.
- (2) Ordinary meetings are to be held not more than 3 months apart.
- (3) If a council fails to meet as required by subsection (2) the CEO is to notify the Minister of that failure.

5.25. Regulations about council and committee meetings and committees

- (1) Without limiting the generality of section 9.59, regulations may make provision in relation to:
 - (g) the giving of public notice of the date and agenda for council or committee meetings;

Local Government (Administration) Regulations 1996

12. Meetings, public notice of (Act s.5.25(1)(g))

- (1) At least once each year a local government is to give local public notice of the dates on which and the time and place at which —
 - (a) the ordinary council meetings; and
 - (b) the committee meetings that are required under the Act to be open to members of the public or that are proposed to be open to members of the public,are to be held in the next 12 months.
- (2) A local government is to give local public notice of any change to the date, time or place of a meeting referred to in sub-regulation (1).
- (3) Subject to sub-regulation (4), if a special meeting of a council is to be open to members of the public then the local government is to give local public notice of the date, time, place and purpose of the special meeting.
- (4) If a special meeting of a council is to be open to members of the public but, in the CEO's opinion, it is not practicable to give local public notice of

the matters referred to in subregulation (3), then the local government is to give public notice of the date, time, place and purpose of the special meeting in the manner and to the extent that, in the CEO's opinion, is practicable.

POLICY IMPLICATIONS

Nil.

FINANCIAL IMPLICATIONS

In accordance with regulation 12(1) of the *Local Government (Administration) Regulations 1996*, an advertisement of OMC dates for 2020 will be placed in the Broome Advertiser. The estimated cost for advertising the OMC dates has been included in the 2019/20 budget under.

RISK

The *Local Government (Administration) Regulations 1996* require a local government to at least once a year provide local public notice of the dates, time and place at which the OMC's are to be held in the next 12 months. The adoption and advertising of the 2020 OMC's will ensure compliance with the Regulations.

There is a low risk that that we will not achieve a quorum for Council meetings if OMC dates are not set as early as possible. Setting OMC dates early also allows other organisations to plan their business around these dates where they require a Council decision.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Effective communication

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

Effective community engagement

Improved systems, processes and compliance

VOTING REQUIREMENTS

Simple Majority

COUNCIL RESOLUTION: (REPORT RECOMMENDATION)

Moved: Cr C Mitchell

Seconded: Cr D Male

That Council:

- 1. Adopts the 2020 Council Meeting Schedule as presented, noting that all meetings will take place in the Council Chambers commencing at 5.00pm.**

2. ***Notes that in accordance with Regulation 12 of the Local Government (Administration) Regulations 1996, the Chief Executive Officer will provide local public notice of the 2020 Ordinary Council Meeting dates.***

CARRIED UNANIMOUSLY 7/0

Attachments

1. 2020 - Ordinary Meetings of Council Calendar

2020 - Ordinary Meetings of Council

January						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

February						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	

March						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

April						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

May						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

June						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

July						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		








August						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

October						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
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5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

November						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

December						
Mon	Tue	Wed	Thu	Fri	Sat	Sun
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

	Ordinary Council Meetings		Agenda Closed		WALGA LG Week
	Council Workshops/Agenda Forum		Agenda Published		
	Public Holidays		School Holidays		

9.4.2 ANNUAL REPORT 2018/2019

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	ADM42
AUTHOR:	Manager Governance, Strategy and Risk
CONTRIBUTOR/S:	Media and Promotions Officer
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	4 November 2019

SUMMARY:

The purpose of this report is for Council to consider accepting the 2018/19 Annual Report for the Shire of Broome and to set a date and time for the Annual General Meeting of Electors.

BACKGROUNDPrevious Considerations

OMC 17 October 2019

Item 12.1

Sections 5.53 and 5.54 of the *Local Government Act 1995* require the Shire to prepare an Annual Report for each financial year and present it to Council for acceptance by 31 December after that financial year.

Furthermore, section 5.27 of the *Local Government Act 1995* stipulates that a general meeting of electors is to be held once every financial year but not more than 56 days after the local government accepts the Annual Report for the previous financial year.

COMMENT

The Annual Report for 2018/19 has been prepared in accordance with section 5.53 of the *Local Government Act 1995* which lists the minimum content requirements.

This years Annual Report highlights the significant capital projects delivered and the many and varied services the Shire provides to the community of Broome.

Following acceptance by Council, the report will be made available to the public in preparation for the Annual Electors Meeting in December.

The 2018/19 Audited Annual Financial Report makes up a significant portion of the Annual Report. The Audit and Risk Committee (ARC) recommended that Council receive and adopt the 2018/19 Audited Annual Financial Report, incorporating the Audit Report and Management Report, at it's 15 October 2019 ARC meeting.

Council received and adopted the 2018/19 Audited Annual Financial Report at it's 17 October 2019 Ordinary Meeting of Council.

CONSULTATION

Consultation on the Annual Report will be undertaken through the presentation of the Report to the Annual General Meeting of Electors.

STATUTORY ENVIRONMENT

The statutory environment applicable to the Annual Report are sections 5.53, 5.54, 5.55 and 5.55A of the *Local Government Act 1995*. Section 5.54(1) requires Council to accept the annual report by Absolute Majority.

The convening of the Annual Electors meeting is governed by sections 5.27, 5.29 of the *Local Government Act 1995*. Section 5.29 requires that a minimum of 14 days local public notice is provided.

Local Government Act 1995

Division 5 – Annual reports and planning

5.53. Annual reports

- (1) The local government is to prepare an annual report for each financial year.
- (2) The annual report is to contain —
 - (a) a report from the mayor or president; and
 - (b) a report from the CEO; and
 - [(c), (d) deleted]
 - (e) an overview of the plan for the future of the district made in accordance with section 5.56, including major initiatives that are proposed to commence or to continue in the next financial year; and
 - (f) the financial report for the financial year; and
 - (g) such information as may be prescribed in relation to the payments made to employees; and
 - (h) the auditor's report prepared under section 7.9(1) or 7.12AD(1) for the financial year; and
 - (ha) a matter on which a report must be made under section 29(2) of the *Disability Services Act 1993*; and
 - (hb) details of entries made under section 5.121 during the financial year in the register of complaints, including —
 - (i) the number of complaints recorded in the register of complaints; and
 - (ii) how the recorded complaints were dealt with; and
 - (iii) any other details that the regulations may require; and
 - (i) such other information as may be prescribed.

[Section 5.53 amended by No. 44 of 1999 s. 28(3); No. 49 of 2004 s. 42(4) and (5); No. 1 of 2007 s. 6; No. 5 of 2017 s. 7(1).]

5.54 Acceptance of annual reports

- (1) Subject to subsection (2), the annual report for a financial year is to be accepted* by the local government no later than 31 December after that financial year.
*Absolute majority required.
- (2) If the auditor's report is not available in time for the annual report for a financial year to be accepted by 31 December after that financial year,

the annual report is to be accepted by the local government no later than 2 months after the auditor's report becomes available.

5.55 Notice of annual reports

The CEO is to give local public notice of the availability of the annual report as soon as practicable after the report has been accepted by the local government.

5.55A. Publication of annual reports

The CEO is to publish the annual report on the local government's official website within 14 days after the report has been accepted by the local government.

[Section 5.55A inserted by No. 5 of 2017 s. 8.]

5.56 Planning for the future

- (1) A local government is to plan for the future of the district.
- (2) A local government is to ensure that plans made under subsection (1) are in accordance with any regulations made about planning for the future of the district.

Division 2 – Council meetings, committees and their meetings and electors' meetings

Subdivision 4 – Electors' meetings

5.27 Electors' general meetings

- (1) A general meeting of the electors of a district is to be held once every financial year.
- (2) A general meeting is to be held on a day selected by the local government but not more than 56 days after the local government accepts the annual report for the previous financial year.
- (3) The matters to be discussed at general electors' meetings are to be those prescribed.

5.29. Convening electors' meetings

- (1) The CEO is to convene an electors' meeting by giving -
 - (a) at least 14 days' local public notice; and
 - (b) each council member at least 14 days' notice, of the date, time, place and purpose of the meeting.
- (2) The local public notice referred to in subsection (1)(a) is to be treated as having commenced at the time of publication of the notice under section 1.7(1)(a) and is to continue by way of exhibition under section 1.7(1)(b) and (c) until the meeting has been held.

Disability Services Act 1993

29. Report about disability access and inclusion plan

- (2) A local government or regional local government that has a disability access and inclusion plan must include in its annual report prepared under section 5.53 of the Local Government Act 1995 a report about the implementation of the plan.

State Records Commission Standard 2 – Record keeping Plans

Principle 6 – Compliance

Government organisations ensure their employees comply with the recordkeeping plan.

Rationale

An organisation and its employees must comply with the organisations recordkeeping plan.

Organisations should develop and implement strategies for ensuring that each employee is aware of the compliance responsibilities.

Minimum Compliance Requirements

The recordkeeping plan is to provide evidence to adduce that:

1. The efficiency and effectiveness of the organisation's recordkeeping systems is evaluated not less than once every 5 years.
2. The organisation conducts a recordkeeping training program.
3. The efficiency and effectiveness of the recordkeeping training program is reviewed from time to time.
4. The organisation's induction program addresses employee roles and responsibilities in regard to their compliance with the organisation's recordkeeping plan.
5. The organisation includes within its annual report an appropriate section that addresses points 1-4.

POLICY IMPLICATIONS

Nil.

FINANCIAL IMPLICATIONS

Printing and advertising costs have been provided for in the 2019/20 budget.

RISK

This is an annual recurring compliance obligation. Reputational damage may result should statutory timeframes not be met although consequence is minimal.

The Shire of Broome has an established history of being able to meet this compliance obligation.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Effective communication

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

Improved systems, processes and compliance

VOTING REQUIREMENTS

Absolute Majority

COUNCIL RESOLUTION: (REPORT RECOMMENDATION)

**Moved: Cr C Mitchell
That Council:**

Seconded: Cr D Male

- 1. Pursuant to section 5.54(1) of the Local Government Act 1995 accepts the Shire of Broome Annual Report for the 2018/19 financial year as presented.**
- 2. Pursuant to section 5.27 of the Local Government Act 1995 convenes an Annual Electors Meeting to be held on Thursday 12 December 2019 commencing at 4.00pm in the Council Chambers.**
- 3. Pursuant to section 5.29 of the Local Government Act 1995 requests that the Chief Executive Officer provide local public notice of the Annual Electors Meeting.**

CARRIED BY ABSOLUTE MAJORITY 7/0

Attachments

1. Annual Report 2018-19





WHAT IS THE ANNUAL REPORT?

Shire of 
Broome
people • place • prosperity

SHIRE OF BROOME

Cnr Weld and Haas Street
 Broome WA 6725
 PO Box 44 Broome 6725

Ph: 08 9191 3456
 Email: shire@broome.wa.gov.au
www.broome.wa.gov.au

As required by the Local Government Act 1995 and associated regulations the Annual Report for 2018/19 provides an overview of the operations, activities and major projects undertaken by the Shire for that period, and includes major initiatives proposed to commence or to continue in the next financial year.

The performance of the Council is assessed against the Vision, Mission, Strategic Goals, Outcomes and Strategies as set out in the Shire of Broome Strategic Community Plan 2018-2028 and the Actions contained in the Corporate Business Plan 2018-2022.

These plans provide strategic focus for elected members and the organisation and affirms our commitments to the community.

2



ACKNOWLEDGEMENT OF COUNTRY

WIRRIYA NGANGARAN LIYAN NYAMBA BURU YAWURU

WE HOPE YOU ARE FEELING GOOD IN OUR YAWURU COUNTRY

The Shire of Broome acknowledges the Yawuru people as the native title owners of the lands and waters in and around Rubibi (the town of Broome) together with all native title owners throughout the Shire.

We pay respect to the Elders, past, present and emerging, of the Yawuru people and extend that respect to all Aboriginal Australians living within the Shire of Broome.



OUR VISION & MISSION

OUR VISION

A thriving and friendly community that recognises our history and embraces cultural diversity and economic opportunity, while nurturing our unique natural and built environment.

OUR MISSION

To deliver affordable and quality Local Government services.

Photo: Cable Beach sunset



OUR VALUES

VALUES OF THE ORGANISATION ARE DEMONSTRATED THROUGH THE WAY EMPLOYEES BEHAVE, INTERACT AND THINK. DEFINING VALUES AND CLEARLY ARTICULATING WHAT THESE VALUES LOOK AND FEEL LIKE IS VERY IMPORTANT AND ARE THE BUILDING BLOCKS TO ENSURING A CONSISTENT CUSTOMER AND STAFF EXPERIENCE IS DELIVERED AT ALL TIMES. VALUES AND THE BEHAVIOUR THEY INFLUENCE ARE ALSO ESSENTIAL WHEN CREATING A STRONG AND WELL RESPECTED CORPORATE BRAND BOTH INTERNALLY AND EXTERNALLY.

COMMUNICATION

Actively consult, engage and communicate with, and on behalf of the community.

INTEGRITY

Be honest, equitable and ethical in all our dealings.

RESPECT

Recognise and respect the individual and unique requirements of all people, cultures and groups.

INNOVATION

Drive change through leadership and energy.

TRANSPARENCY

Be open and accountable in all our activities.

COURTESY

Provide courteous service and helpful solutions.

STATISTICS SNAPSHOT 2018/19



\$32,194,659

VALUE OF DEVELOPMENT
APPLICATIONS



\$17,098,987

VALUE OF APPROVED
BUILDING APPLICATIONS



69,055

VISITORS TO BROOME
PUBLIC LIBRARY



51,271

BRAC POOL
ENTRIES



11,770

TONNES OF MATERIAL
RECYCLED



6,506sqm

NEW FOOTPATHS



\$4,740

FOR JUNIOR SPORT THROUGH
KIDSPORT FUNDING



3,250

BROOME CIVIC CENTRE
AUDIENCE ATTENDEES



73

DEVELOPMENT
APPLICATIONS



36

NEW AUSTRALIAN
CITIZENS



14

NEW MUNICIPAL
INVENTORY LISTINGS



13

SURF RESCUES AT
CABLE BEACH

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PRESIDENT'S REPORT



HAROLD TRACEY
SHIRE PRESIDENT

WELCOME TO THE 2018/19 ANNUAL REPORT AT THE CONCLUSION OF A YEAR OF UNPRECEDENTED INVESTMENT IN THE FUTURE OF THE SHIRE OF BROOME. OUR VISION AS A COUNCIL IS FOR BROOME TO BE "A THRIVING AND FRIENDLY COMMUNITY THAT RECOGNISES OUR HISTORY AND EMBRACES CULTURAL DIVERSITY AND ECONOMIC OPPORTUNITY, WHILST NURTURING OUR NATURAL AND BUILT ENVIRONMENT".

To this end we've invested millions of dollars - along with much blood, sweat and tears - into underpinning the prosperity and sustainability of our community through an ambitious program of construction and community development.

In the past 12 months we've seen the Chinatown Revitalisation Project come to completion and along the way inject more than \$14 million into our town. This investment has allowed us to rejuvenate our town centre to be a more inviting and friendly streetscape that attracts more visitors and enhances their experience to the benefit of our local economy. We've created new attractions, expanded the town centre, provided grants to private enterprise, and investigated iconic long-term projects such as a Kimberley Centre for Culture, Art and Story. Preserving and amplifying our history and culture was a key focus and has been achieved through a swathe of public art and historical projects. At the conclusion of this we thank our project partners, the Broome community and particularly the traders and property owners of Chinatown for their collaboration and support.

Town Beach is a significant location for Broome people, with an important role in recreation, culture and heritage. Work here is now well underway to build on all of the precinct's existing strengths with a range of sub-projects to enhance the experience for our community and visitors. A new rock seawall has addressed the environmental and safety threat posed by the eroding cliffs, along with new terraces and a coastal footpath. Work is now underway on transforming the area into parkland and playgrounds that will be an exciting focal point for our community well into the future.

Planning for a new Broome Boating Facility is also progressing at a preferred location between the Broome Port and Entrance Point, with heritage surveys, engineering designs and concepts, and environmental studies all underway. Council is acutely aware of the importance of this project to our community, and while progress has been painstaking, we are committed to making safer recreational boating facilities a reality in Broome.

Underpinning all of this development is the new Broome Growth Plan that forms a blueprint for our town's economic future. This has been finalised and launched after several years of exhaustive research and consultation, and will now be implemented by a new peak economic development body.

All of these key projects have been funded in partnership with the State Government as the Shire continues to be diligent in decreasing the financial burden on our community by seeking funding through grants and other external sources. Council has also stood by its commitment to minimising increases in Shire Rates and for the coming year has achieved a balanced budget with a rise of 1.75 per cent - the equal-smallest increase in more than a decade.

Please take the time to read this Annual Report as it presents in greater detail all of these achievements and more. I would like to thank the Broome community for its cooperation and support during 2018/19, and look forward to leading our community into the coming year alongside a committed and talented Council and Shire of Broome staff.



SAM MASTROLEMBO
CHIEF EXECUTIVE OFFICER

CEO'S REPORT

IT'S WITH GREAT PRIDE THAT I REPORT ON THE PAST YEAR AS THE SHIRE OF BROOME HAS TAKEN SIGNIFICANT STRIDES IN MAKING OUR TOWN MORE LIVEABLE FOR OUR RESIDENTS AND MORE ATTRACTIVE FOR OUR VISITORS.

In 2018/19 we have celebrated the completion of a major construction project in the Chinatown Revitalisation Project and the commencement of the Town Beach Project that between them have injected many millions of dollars into our economy and are creating new assets to underpin our future. We also continue to make progress on a new Regional Resource Recovery Park and Broome Boating Facility.

However, at the same time as advancing these large-scale projects, we continue to focus on looking after the needs of our community and its wellbeing.

The Shire of Broome has adopted a new Sport and Recreation Plan that will guide the development of our facilities for the next 10 years. The plan was finalised after extensive consultation with the many sporting groups in our community and their feedback was vital to establishing priorities. Planning for the exciting new BRAC1 Youth Bike Precinct has also progressed to the point where construction will get underway early in 2019/20 for completion by the end of the year.

The Shire's Municipal Inventory and Heritage List has undergone a review that resulted in five new additions to the Heritage List to afford them greater protections, including our remarkable dinosaur footprint trackways, the Common Gate and the Lurujarri Heritage Trail, along with 14 new additions to the Municipal Inventory and the updating of details for four listings.

Among other new initiatives in 2018/19 was the introduction of a series of Community Picnics that brought together residents in their local neighbourhoods as a way of creating connections and ownership, and promoting community safety.

We launched the inaugural Chinatown Discovery Festival on the back of the Chinatown Revitalisation Project and following its success it is envisaged it will become an annual event celebrating the history and culture of our unique town centre and kickstarting the tourist season each year.

Our community facilities at the Broome Recreation and Aquatic Centre, Broome Public Library and the Broome Civic Centre also continue to provide a wide range of high-quality events, services and programs that resonate with our community.

In 2018/19 the Shire of Broome continued to enjoy a high profile and welcomed guests including His Excellency General the Honourable Sir Peter Cosgrove AK MC (Retd), Governor-General of the Commonwealth of Australia, and Her Excellency Lady Cosgrove; Republic of Singapore High Commissioner, His Excellency Kwok Fook Seng; Consul-General of Japan in Perth, Toro Suzuki; Australia Day 2019 Ambassador, Dr Robert Isaacs AM OAM PhD; and a delegation from our Japanese Sister City of Taiji including six exchange students, and accompanied by representatives of the Consulate of Japan in Perth.

All of these achievements and more are the result of a great deal of hard work and dedication from Councillors, staff and the community. I thank them all for their considerable efforts, and look forward to what we can achieve together in 2019/20.

ABOUT COUNCIL

THE COUNCIL OF THE SHIRE OF BROOME CONSISTS OF NINE ELECTED MEMBERS. COUNCILLORS ARE ELECTED FOR A FOUR-YEAR TERM, WITH HALF OF THEIR TERMS EXPIRING EVERY TWO YEARS. LOCAL GOVERNMENT ELECTIONS ARE CURRENTLY HELD ON THE THIRD SATURDAY IN OCTOBER EVERY TWO YEARS; THE NEXT ORDINARY ELECTION BEING 19 OCTOBER 2019.



**CR HAROLD
TRACEY**
SHIRE PRESIDENT
BROOME WARD
TERM: 2021



**CR MALA
FAIRBORN**
BROOME WARD
TERM: 2019



**CR CATHERINE
MARRIOTT**
BROOME WARD
TERM: 2021



**CR BRUCE
RUDEFORTH**
BROOME WARD
TERM: 2019



**CR PHILIP
MATSUMOTO**
DAMPIER WARD
TERM: 2021



CR DESIREE MALE
DEPUTY SHIRE
PRESIDENT
BROOME WARD
TERM: 2021



CR WARREN FRYER
BROOME WARD
RESIGNED 2019



**CR CHRIS
MITCHELL**
BROOME WARD
TERM: 2019



CR ELSTA FOY
DAMPIER WARD
TERM: 2019

COUNCILLOR MEETING ATTENDANCE

Council is the decision-making body of the Shire and usually meets on the last Thursday of every month, at 5pm.

The number of Council meetings held during the year ended 30 June 2019 and the numbers of those meetings attended by each Elected Member is as follows:

COUNCILLOR	ORDINARY COUNCIL (11)	SPECIAL COUNCIL (5)	ELECTORS' MEETING (1)	TOTAL (17)
Cr Harold Tracey (Shire President)	10	4	1	15
Cr Desiree Male (Deputy Shire President)	7	5	-	12
Cr Mala Fairborn	8	3	-	11
Cr Warren Fryer <i>*Resigned March 2019</i>	5	1	1	7
Cr Catherine Marriott	8	4	1	13
Cr Chris Mitchell	10	4	1	15
Cr Bruce Rudeforth Jnr	9	5	1	15
Cr Philip Matsumoto	8	4	1	13
Cr Elsta Foy	3	1	-	4



Photo: Broome Youth Advisory
Council workshop the Town
Beach Project

ABOUT BROOME

ORIGINALLY FOUNDED AS A PEARLING PORT OVER A HUNDRED YEARS AGO, BROOME NOW BOASTS A MULTICULTURAL POPULATION WITH KOEPANGER, MALAY, CHINESE, JAPANESE, EUROPEAN AND ABORIGINAL CULTURES ALL BLENDED TO CREATE A CAPTIVATINGLY FRIENDLY AND FLAMBOYANT PERSONALITY THAT IS THE HEART AND SOUL OF BROOME.

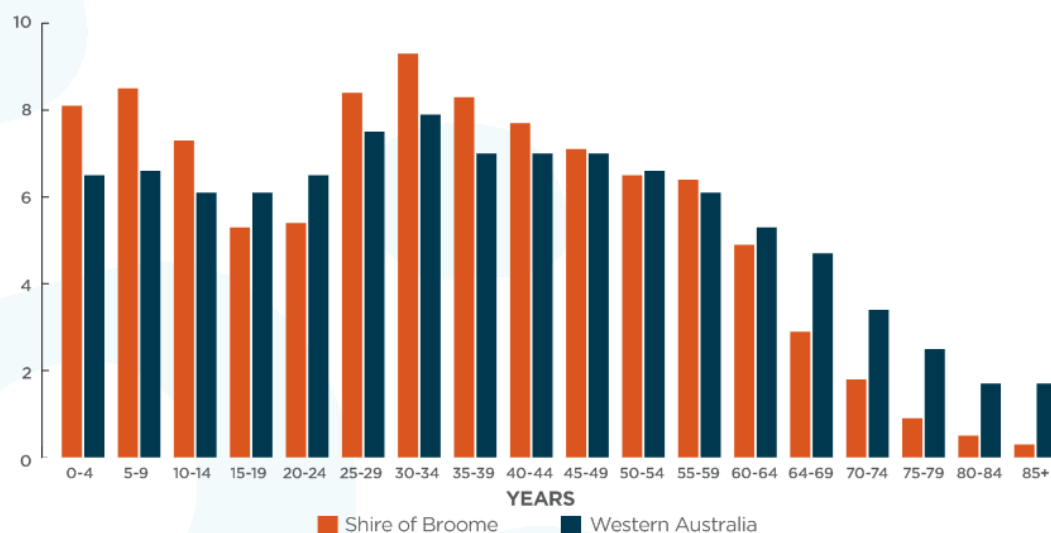
In recent years Broome has experienced substantial growth in the tourism sector, with the world famous Cable Beach being one of the many attractions. Fishing, agriculture, aquaculture, pastoral and off-shore exploration industries are also prominent in the Shire.

The Shire of Broome is located within the Kimberley region – an area that covers 423,517km² in the northern most part of Western Australia. There are some 226 Indigenous communities plus many outstations throughout the Kimberley along with pastoral properties and cattle stations.

There are 34 Indigenous languages spoken in the region with approximately 41.6% of the Kimberley population identifying themselves as Indigenous at the 2016 census (29.1% within the Shire of Broome).

With a population of approximately 16,200, the age demographic of the resident population illustrates the Shire of Broome has a high proportion of young families with more than 50% of the population being under 35 years of age and more than 80% being under 55 years of age.

% POPULATION BY AGE



ABOUT SHIRE OF BROOME

EXECUTIVE



SAM MASTROLEMBO
Chief Executive Officer

- Elected Member Support
- People and Culture
- Media and Promotions
- Special Projects
- Occupational Health and Safety



JAMES WATT
Director Corporate Services

- Administration
- Governance
- Finance
- Information Technology
- Information Management
- Customer Service
- Rates
- Integrated Strategic Planning



ANDREW GRAFFEN
Director Infrastructure

- Shire Facilities
- Engineering and Civil Operations
- Landscape and Open Space
- Asset Management
- Waste Services
- Works Administration



ANDRE STUYT
Director Development and Community

- Town Planning, Building and Environmental Health
- Community and Economic Development
- Rangers and Emergency Services





2018/19 YEAR IN REVIEW

THIS REPORT SUMMARISES THE SHIRE OF BROOME'S PROGRESS DURING THE 2018/19 FINANCIAL YEAR TOWARD ATTAINING THE GOALS, OUTCOMES AND STRATEGIES SET OUT IN THE SHIRE'S STRATEGIC COMMUNITY PLAN 2018-2028.

Photo: Christmas Trails in Chinatown

CHINATOWN REVITALISATION PROJECT STAGE ONE



CHINATOWN HAS BEEN THE CULTURAL AND COMMERCIAL HEART AND SOUL OF BROOME SINCE THE EARLIEST DAYS OF THE PEARLING INDUSTRY IN THE 1880S AND TODAY HAS DEVELOPED INTO AN ICONIC TOURISM DESTINATION.

The Chinatown Revitalisation Project was borne out of a desire to bring to life our community's aspirations to preserve the town's history, celebrate its culture and reinvigorate its economic development.

The Chinatown Revitalisation Project was delivered in partnership by the WA Government and the Shire of Broome in a unique place-based approach to urban renewal and an example of a local community working with government to identify needs and contribute towards its long-term success. A Financial Assistance Agreement between the WA Department of Primary Industries and Regional Development and the Shire of Broome provided for an investment of \$10.26 million to deliver the key projects. The Shire of Broome, Tourism WA and Landcorp allocated a further \$3.55 million, \$700,000 and \$435,000 for a total project spend of \$14.94 million.



The centrepiece of the Revitalisation completed in 2018/19 was a major upgrade of the streetscape in Carnarvon Street and Dampier Terrace to create an environment that welcomes visitors and brings life to the streets, with broadened walkways and decreased roads, more shade and seating, events infrastructure, enhanced street lighting, vibrant and cooling landscaping, and a suite of public art and historical information to bring Chinatown's colourful history to life. The Shire of Broome entered into a contract with Downer EDI Works to deliver this sub-project, with just over 70 per cent of work carried out by local contractors.

Construction of the Roebuck Bay Lookout has created a new attraction providing elevated views over the bay following the connection of Dampier Terrace and Frederick Street the previous year, with work undertaken by Broome contractor Roadline Civil Contractors. The project also included the installation of lighting, two significant Indigenous public art pieces and landscaping undertaken by the Shire as an in-kind contribution.

The Revitalisation also encompassed additional sub-projects including feasibility studies into long-term projects such as an iconic Kimberley Centre for Culture, Art and Story, grant funding to encourage and stimulate private investment, and a comprehensive program of activation initiatives to encourage.

ALL OF THIS WILL SERVE TO ATTRACT MORE PEOPLE TO BROOME'S TOWN CENTRE, MAKE THEM STAY LONGER AND PROVIDE THEM WITH A MUCH RICHER EXPERIENCE. THE BENEFITS OF THIS WILL THEN FLOW TO LOCAL RETAILERS, RESTAURANTS, BARS AND CAFES, AND IN TURN THE WIDER BROOME ECONOMY.





TOWN BEACH PROJECT

TOWN BEACH IS A SIGNIFICANT LOCATION FOR BROOME PEOPLE AND VISITORS TO THE TOWN, WITH AN IMPORTANT ROLE IN RECREATION, CULTURE AND HERITAGE THAT INCLUDES THE STAIRCASE TO THE MOON, A CHILDREN'S WATER PARK AND PLAYGROUND, NIGHT MARKETS, INDIGENOUS CULTURE, PIONEER CEMETERY, OLD JETTY SITE, CATALINA FLYING BOAT WRECKS AND THE BROOME HISTORICAL SOCIETY MUSEUM.

The Town Beach Project is building on these existing strengths with a range of sub-projects to enhance the experience for our community and our visitors. Additionally, the Town Beach Project addresses the significant environmental and safety threats posed by the eroding pindan cliffs.

MAJOR BENEFITS

- Building on the recreational, cultural and historical values of the area;
- Enhancing the appeal of the precinct for the community and tourists;
- Addressing threats posed by pindan cliff erosion;
- Boosting the local economy during construction;
- Ongoing economic development opportunities for nearby businesses, market stallholders and more.



The sub-projects in the Town Beach Project are drawn from the Old Broome Development Strategy, adopted by Council in 2014 after extensive consultation with the community and key stakeholders including Kimberley Ports, Yawuru Traditional Owners, the Broome Historical Society and Water Corporation.

In 2018/19 significant work has been undertaken including completion of the rock sea wall, grassed terraces, coastal footpath, internal road, and car and boat trailer parking, with work carried out by Broome firm Roadline Civil Contractors. Construction of new green space has started with completion scheduled for December 2019,

including a nature playground, youth precinct including half basketball court and scooter track, new markets space and a heritage precinct.

Stage One of the Town Beach Project has been made possible through funding from the WA Government (\$5.1 million) and Lotterywest (\$2.8 million). Additionally, the Shire has secured further funding from Lotterywest (\$1.7 million) to undertake Stage Two green space work (Lions Pioneer Park, Pioneer Cemetery and grassed area in front of café), shade structures for the jetty, public art and historical information.

OUR PEOPLE

REMOTE COMMUNITIES

The Shire has continued to proactively engage with the State Government's Regional Reform Unit which is overseeing the Municipal Services Upgrade Program in 10 remote Aboriginal communities across the Kimberley and Pilbara. Ardyaloon, Beagle Bay, Bidyadanga, Djarindjin and Lombadina are included from the Shire of Broome. To date audits of municipal services and land contamination have occurred across all 10 communities. Asbestos contamination remediation work is due to occur in the 2019 dry season, with about 1200m³ identified across the five communities in the Shire of Broome. A water service audit has also been undertaken in four of the 10 communities, including Bidyadanga, with a funding agreement executed for upgrades to water and wastewater infrastructure.

COMMUNICATION

EMERGENT TECHNOLOGY

To improve online interaction with the community, ratepayers and businesses, the Shire of Broome has continued the migration to a new web content management system. The project will take several years as manual and paper processes are converted to the online platform. Additionally, the Shire has continued its migration to cloud services, with investment in cloud-based infrastructure in place of on-site systems to better meet the needs of ratepayers and customers. The Shire also continues to develop its unified communications capabilities to reduce customer wait times and improve efficiency.

BROOME CIVIC CENTRE

The Broome Civic Centre is the Shire's premier performing arts and events facility and the Shire of Broome delivered more than 16 shows and events in 2018/19 for 3250 audience members. Development of audiences was supported by a Lotterywest Audience Engagement Grant which allowed a diverse range of events to occur at the venue, from a world-renowned concert pianist all the way through to Australian comedy stand-up legends.

Additionally the venue was utilised by non-profit organisations, private events, community organisations and commercial entities with highlights including end of year school concerts, balls, galas, seminars and weddings.

Key infrastructure was improved through the year to improve audience, patron and hirer enjoyment and usability. Dry bars, cocktail seating, music and lighting effects now activate the Pigram Garden Theatre before and after programmed shows, while a pole and draping system now allows for great adaptability of all the Broome Civic Centre spaces.



Photo: Shinju Matsuri Art Awards at Broome Civic Centre

OUR PEOPLE

SPORT AND RECREATION

The Shire of Broome Sport and Recreation Plan was adopted by Council in February 2019. It was developed following extensive consultation with sporting clubs and sets out the sport and recreation infrastructure priorities for the Shire for the next 10 years.

Shire sports facilities hosted regional sporting events and competitions throughout the year across most sports. Officers have sought opportunities for high level competition to come to Broome in the coming years and have provided

local events such as the BRAC 2 Beach Fun Run, Beach to Bay Virtual Swim and Dash & Splash duathlons for locals and visitors to participate in and remain active.

BRAC 1 YOUTH BIKE PRECINCT

The design for the mountain bike pump track component of the BRAC 1 Youth Bike Precinct was completed and released for tender, with construction anticipated to be completed by the end of 2019.



51,271

BRAC POOL ENTRIES
(casual, swim lessons, aqua)



37,673

CASUAL POOL ENTRIES



6,543

GROUP FITNESS



7,055

SWIM LESSONS ATTENDED



1,687

BOOKINGS FOR SQUASH COURTS



1,630

BASKETBALL SHOOT AROUNDS



520

PARTICIPANTS IN SOCIAL BADMINTON



792

SCHOOL HOLIDAY PROGRAM PARTICIPANTS



546

PARTICIPANTS IN BRAC EVENTS (Dash and Splash, BRAC 2 Beach, Beach 2 Bay)



13

RESCUES AT CABLE BEACH



20

BEACH CLOSURES FOR SHARKS, CROCS, JELLYFISH, FOG AND ROUGH CONDITIONS



172

MINOR FIRST AID AT CABLE BEACH



1

MAJOR FIRST AID AT CABLE BEACH



355

PREVENTATIVE ACTIONS (advising swimmers, surfers beach goers)



\$4,740

DISTRIBUTED TO JUNIOR SPORTING CLUBS THROUGH KIDSPORT FUNDING

OUR PEOPLE

HEALTHY AND SAFE ENVIRONMENT

POLICIES AND LOCAL PLANNING POLICIES

Local Planning Policies perform an important role in guiding development within the Shire of Broome. In 2018/19 the Shire finalised the preparation and adoption of a Local Planning Policy on Coastal Planning. The policy provides guidance on development controls for land subject to coastal inundation and coastal erosion. The Shire of Broome was also recognised for work undertaken in planning for coastal impacts at the 2019 National Australian Coastal Awards where the Shire was awarded the category of 'Planning and Management'.

CABLE BEACH LIFEGUARD SERVICE

The Shire continued to contract Surf Life Saving WA for lifeguard services at Cable Beach. Lifeguards maintained supervision for the dry season in the area fronting the Broome Surf Life Saving Club.

CITIZENSHIP



3

AUSTRALIAN CITIZENSHIP CEREMONIES



36

NEW AUSTRALIAN CITIZENS



18

COUNTRIES OF ORIGIN



Photo: Surf Life Saving WA lifeguards on Cable Beach



Photo: Craig Hamaguchi escorts Consul-General of Japan in Perth, Mr Toru Suzuki, at Broome's Japanese Cemetery

CIVIC EVENTS

The Shire of Broome hosted a range of Civic Events to welcome distinguished guests and to commemorate occasions of significance including:

- His Excellency General the Honourable Sir Peter Cosgrove AK MC (Retd), Governor-General of the Commonwealth of Australia, and Her Excellency Lady Cosgrove.
- Republic of Singapore High Commissioner, His Excellency Kwok Fook Seng.
- Consul-General of Japan in Perth, Mr Toro Suzuki.
- Departure of St Mary's College Principal, Michael Pepper.
- Australia Day 2019 Ambassador, Dr Robert Isaacs AM OAM PhD, and Community Citizen of the Year Awards presented to Michael Haji-Ali, Jazmin Shipway-Carr and Cable Beach Football Club.
- Japanese Sister City delegation, including six exchange students, and accompanied by representatives of the Consulate of Japan in Perth.

CHINATOWN DISCOVERY FESTIVAL 2019



\$600k

DISTRIBUTED
IN COMMUNITY
AND ECONOMIC
DEVELOPMENT GRANTS



14,000

VIEWS OF THE
STREETERS JETTY
SAND SCULPTURE



11

PICNICS TO BUILD A
SAFER COMMUNITY



8

INDIGENOUS PERFORMERS
AS PART OF THE 2019
RECONCILIATION FESTIVAL



800+

THONGS INSTALLED
AS PART OF THE
RECONCILIATION
COMMUNITY ART
PROJECT



14

PROGRAMMED
SHOWS AT THE BROOME
CIVIC CENTRE



69,055

VISITORS TO THE
BROOME LIBRARY



10,471

PRINTING, SCANNING
AND PHOTOCOPY
ENQUIRIES AT THE
BROOME LIBRARY



213

EVENT
APPROVALS

OUR PLACE

CABLE BEACH DEVELOPMENT STRATEGY

The business case established to test the viability of the Cable Beach Development Strategy Master Plan, including outlining the economic and social benefits to the Broome community, is underway to be completed by the end of 2019. Consultants were engaged by the Shire of Broome and the Department of Planning Lands and Heritage in 2018/19 to undertake coastal engineering, geotechnical, environmental and cultural heritage studies. The findings from these reports identified no fatal flaws and therefore the business case can progress.

Photo: Roebuck Bay Lookout



BROOME YOUTH WEEK COLOUR RUN



500

YOUNG PEOPLE



30

AGENCIES



16kg

HOLI POWDER

Photo: Youth Week Colour Run



OUR PLACE

INFRASTRUCTURE



DRAINAGE
OPEN DRAIN/SWALE

36.9km

PIPE DRAINAGE

16.8km



FOOTPATH
TOTAL LENGTH

113.2km

CONCRETE FOOTPATH
RENEWED

1,720m²

NEW CONCRETE
FOOTPATH INSTALLED

6,506m²



ROADS
TOTAL

570.7km

SEALED

286.2km

UNSEALED

284.5km

ASPHALT OVERLAY
FOR 2018/2019

11,568m²

BITUMEN RESEAL
FOR 2018/2019

36,210m²



PUBLIC OPEN SPACE
GRASSED AREAS

305,156.1m²

GARDEN BEDS

94,966m²

SPRINKLERS

3,200

RETIC LATERAL LINES

43km

RETIC MAIN LINES

12.6km

WATER TANKS

24

DRINK FOUNTAINS

24

RUBBISH BINS

188



LIGHTING
TOTAL

464

SPORTS LIGHTING
(HAYNES, MALE, BRAC)

231

CAR PARK

105

PUBLIC OPEN SPACE
TOTAL SOLAR

66

27

STREET LIGHTS

62



NATURAL ENVIRONMENT

COASTAL PARK GOVERNANCE

The Shire of Broome is a member of the Yawuru Park Council (YPC) along with the Yawuru Prescribed Body Corporate and the Department of Biodiversity, Conservation and Attractions (DBCA). In 2018/19 the YPC Working Group has developed management plans for the In-Town Conservation Estate and Intertidal Zone.

The Minyirr Buru (In-Town) Management Plan has been finalised, printed and was launched on 4 October 2018.

The Gunyian Buru (Intertidal Zone) Plan closed for public consultation on 28 June 2019 with 13 submissions received with 81 separate comments. The final plan will be prepared on the basis of submissions received and is due for completion in 2019/20.

The Yawuru Conservation Estate Recreation Master Plan is currently subject to annual review.

BROOME TOWNSITE SHORELINE MONITORING

The Shire secured grant funding through the Coastal Adaptation Protection Grants and teamed with Nyamba Buru Yawuru to undertake shoreline monitoring of the coastline. This partnership has enabled the Shire to build on the knowledge and experience of the Yawuru Country Managers, learning about the six seasons of Yawuru and how these seasons are defined by wind changes, tidal movements, storm activity and other factors that ultimately impact coastal erosion processes. This project has also enabled Yawuru Rangers to undertake Unmanned Aerial Vehicle surveys of the coast and complete beach transects. The results of the surveys were verified by an independent surveyor. 3D modelling of the coast will enable Shire officers to understand seasonal beach movements as well as longer term trends in coastal processes. It will enable the Shire and other coastal managers to understand the rate of erosion of pindan cliffs, which would inform upgrade and relation of key coastal infrastructure.

OUR PLACE

BUILT ENVIRONMENT

MUNICIPAL INVENTORY AND HERITAGE LIST

The Shire's Municipal Inventory and Heritage List were reviewed. The review kicked off with the adoption of a community engagement plan and initiation of the first round of public consultation where the public could nominate new places or request amendments to existing place listings. The Shire then sought advice from a heritage consultant on the proposed nominations and modifications. At the conclusion of the review of the modifications, a second round of public consultation was undertaken where the Shire received 64 submissions. The updated Municipal Inventory and Heritage List was adopted at the June 2019 Council meeting and resulted in the following modifications:

- 14 new places in the Municipal Inventory;
- Updated details for four existing place listings;
- Amendments to the executive summary to update the actions undertaken as part of this review; and
- Administrative adjustments to reflect updated terminology in planning documents (change reference to "Town Planning Scheme" to "the Local Planning Scheme").

STATE REFORMS

In 2018/19 a number of reforms/amendments were foreshadowed and comments have been provided by the Shire. These include the following:

- **Planning reform green paper** - The Minister for Planning commissioned an independent review of the planning system to identify ways to make it more efficient, open and understandable. The Shire prepared a submission which was adopted at the Ordinary Meeting of Council in July 2018;
- **Aboriginal Heritage Act 1972 Review** - Phase two consultations commenced in March 2019 and stakeholder workshops were held in Broome on 3 April 2019 and 14 May 2019 which Shire officers attended. The Shire prepared a submission on phase 2 of the consultation which was endorsed at the Ordinary Meeting of Council in May 2019;
- **Inquiry into Short Stay Accommodation** - The Economics and Industry Standing Committee called for submissions to an inquiry into short-stay accommodation in WA. Council endorsed a submission on the Inquiry at the Ordinary Meeting of Council in December 2018.

DEVELOPMENT DETERMINATIONS

Planning Services assessed and determined the following:

- 73 x Development Applications;
- 3 x Public Works referrals;
- 8 x Section 40 Liquor Applications;
- 4 x Subdivision/Amalgamation Applications;
- 6 x Outdoor Dining Permits.

The total value of Development Applications approved this financial year amounts to \$32,194,659. This is an increase of \$14 million or 43 per cent from the previous financial year. The average processing days for planning approvals was 23.4 days.



Photo: Hunter St upgrade



OUR PROSPERITY

Photo: Catalinas boat ramp improvements

FACILITIES

BROOME SAFE BOATING FACILITY

Work has continued to deliver a business case for a safe boat launching facility. In February 2019 following fatal flaws being found at Reddell Beach site, a decision was made by the Broome Boat Harbour Advisory Group to prefer a site south-east of Entrance Point, where co-location with the Kimberley Marine Support Base would be possible. Road access for the community facilities in the Entrance Point precinct have been the focus of the Broome Boating Facility Technical Working Group, comprised of partner agencies and consultant engineers.

Guided by the Broome Boat Harbour Advisory Group's decision for early engagement, desktop and site heritage surveys were undertaken by a consultant archaeologist with Yawuru Heritage Advisory Group members in March 2019. A Heritage Survey Report delivered in early June 2019 found that not enough was known about the projects across the Entrance Point precinct and the Heritage Advisory Group was unable to provide formal clearance for the Broome Boating Facility until further engagement took place. Broader community engagement on the concept design of the Broome Boating Facility, including further engagement with the Yawuru Heritage Advisory Group, is due to take place from September to December 2019.

OUR PROSPERITY

BUILDING SERVICES

BUILDING APPROVALS

There has been a reduction of 38 building applications approved in 2018/19 compared to the previous year. The total value of building works approved this financial year is \$17,098,987.

BUILDING PERMITS ISSUED	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Single Dwellings	240	113	91	78	23	31	20
Group Dwellings	17	2	0	0	0	0	0
Additions	17	21	24	14	13	16	3
Outbuildings	72	94	99	126	93	74	72
Commercial	29	29	17	24	19	17	26
Industrial	4	8	2	3	0	2	1
Pools	84	90	86	89	73	48	32
Tourist	3	3	0	1	0	1	0
Fences	63	43	49	25	32	33	31
Public Nature	9	4	5	4	2	3	2
Demolition	17	7	16	5	5	6	6
TOTAL	562	417	389	369	265	231	193

KIMBERLEY REGION

The WALGA Kimberley Zone and Kimberley Regional Collaborative Group met eight times in 2018/19 in Perth, Kununurra, Darwin, Derby and twice in Broome, and via video conference. A delegation also visited Canberra in February 2019 to lobby for key Kimberley projects and particularly the upgrade of the Tanami Road in the Shire of Halls Creek. Other key initiatives and issues included reducing alcohol-related harm and improving waste management practices across the Kimberley.

PARTNERSHIPS

The Shire of Broome has partnered with Nirrumbuk on a number of initiatives to change the way the Shire delivers services. The Shire has recently begun a traineeship program with two Aboriginal school leavers to make participants work-ready and give real-life work experience. The Shire has also integrated two work-for-the-dole participants into the workforce who are partnering with work teams in the Parks and Gardens Department.

BROOME GROWTH PLAN

The Broome Growth Plan has been finalised and endorsed by the WA Minister for Regional Development. The Broome Future Alliance has been tasked with implementing the plan and the Shire has allocated funds toward providing executive services to the group.

Broome Growth Plan

LAUNCH OF THE BROOME GROWTH PLAN

A BLUEPRINT FOR OUR TOWN'S ECONOMIC FUTURE DEVELOPED IN PARTNERSHIP WITH YAWURU, LANDCORP AND THE KIMBERLEY DEVELOPMENT COMMISSION

WASTE AND RECYCLING

RECYCLING



1,275

TONNES OF
STEEL



4,843

TONNES OF
CONCRETE



3,959

TONNES OF GREENWASTE
AND TIMBER



420

TONNES OF
GLASS



180

TONNES OF MIXED
RECYCLABLES
LIKE PLASTIC AND
CARDBOARD



11

TONNES OF
TYRES



20

TONNES OF
E-WASTE



15

TONNES OF
BATTERIES

KERBSIDE RECYCLING COLLECTION



1,056

TONNES



133,890

COLLECTIONS

TOTAL RECYCLING



11,770

TONNES

LANDFILL

KERBSIDE WASTE COLLECTION



5,900

TONNES



310,208

COLLECTIONS

TOTAL LANDFILL



20,000

TONNES

OUR ORGANISATION

FINANCE

OPERATIONS

Improvements to processing of invoices including moving to electronic invoice processing from December 2018 has reduced the average number of Days Payable Outstanding from 44 days in 2017/18 to 38 days in 2018/19. Further process improvements are being made across the finance and payroll areas.

The Shire of Broome was represented in the *Local Government Act 1995 and Local Government (Financial Management) Regulations 1996* review in May 2019. The Shire of Broome submission proved consistent with other local governments and echoed by various finance professional organisations servicing the local government sector.

RATES

Annual rates for 6851 properties were issued on time resulting in timely collection of the Shire's most significant revenue source, with \$17.6 million (78.5 per cent) of the \$22.4 million rates collected by the month of first instalment due date at the end of August 2018.

The GRV Vacant rating category introduced in 2018/19 resulted in a fairer and more equitable rate categorisation of properties where the predominant use is non-use regardless of whether zoned residential, commercial or tourism.



Photo: Broome Growth Plan launch



OUR ORGANISATION

Photo: Recycling in Broome

INFORMATION TECHNOLOGY

ICT STRATEGIC PLAN

Planned upgrades to the Shire audio visual (AV) systems have been carried out, including refreshing AV systems in Council Chambers by updating speakers and displays, and introducing a hearing assistance system to improve access and inclusion at Council meetings. Other activities completed as part of the ICT Strategic Plan included replacing the Shire's public and staff Wi-Fi system and developing the Unified Communications System to improve efficiency and customer satisfaction.

The number of CCTV cameras in the Broome town site was increased to support community safety and protect the community and their assets. Cameras were added in recognised crime hotspots and have successfully reduced antisocial behaviour and crime in those areas.

COMPLIANCE

REGISTER OF COMPLAINTS

During the period 1 July 2018 to 30 June 2019 no breach or complaint was registered under Part 5, Division 9 of the *Local Government Act 1995*.

FREEDOM OF INFORMATION

The Shire of Broome is subject to the provisions of the *Freedom of Information (FOI) Act 1992*.

The Shire processed 6 Freedom of Information requests in 2018-2019.

The Shire has reviewed its Information Statement document as required under the Act. For further information on the Freedom of Information process, visit <http://www.broome.wa.gov.au/About-Council/Governance/Freedom-of-Information>

STATE RECORDS ACT 2000

The Shire's Recordkeeping plan 2014 was approved by the State Records Commission (SRC) in March 2014. An updated Recordkeeping Plan was lodged with the SRC in March 2019. This plan details the goals and strategies for recordkeeping within the Shire of Broome and demonstrates the Shire's commitment to accurate and compliant recordkeeping practices in accordance with the *State Records Act 2000*. The SRC has

acknowledged receipt of the Shire of Broome's updated plan, advising that the Plan will be lodged for approval with the SRC in August 2019.

RISK MANAGEMENT

RISK MANAGEMENT STRATEGY AND PROCEDURES

The Shire has developed Risk Management Strategies and Procedures to align with best practice, Australian standards AS/NZS ISO 31000:2018, and provide clear definitions of risk assessment criteria, measures of likelihood, risk acceptance criteria and control ratings. The Shire's risk management practices are intended to formally assess and document the commitment and objectives regarding managing uncertainty that may impact the Shire's strategies, goals or objectives as outlined in the Strategic Community Plan and Corporate Business Plan of Council.

The Shire manages Risk Management through the Risk Management Technical Advisory Group which reports to Council bi-annually. Achievements in 2018/19 include adopting an updated Purchasing Policy; implementing process mapping software; developing processes and procedure across the organisation; an internal staff survey and reviewing the Shire's Communication Strategy.

OUR ORGANISATION

EMPLOYEE REMUNERATION

Salary Range \$	2018/2019
100,000 - 109,999	18
110,000 - 119,999	11
120,000 - 129,999	4
130,000 - 139,999	
140,000 - 149,999	2
150,000 - 159,999	1
160,000 - 269,999	1
GRAND TOTAL	37

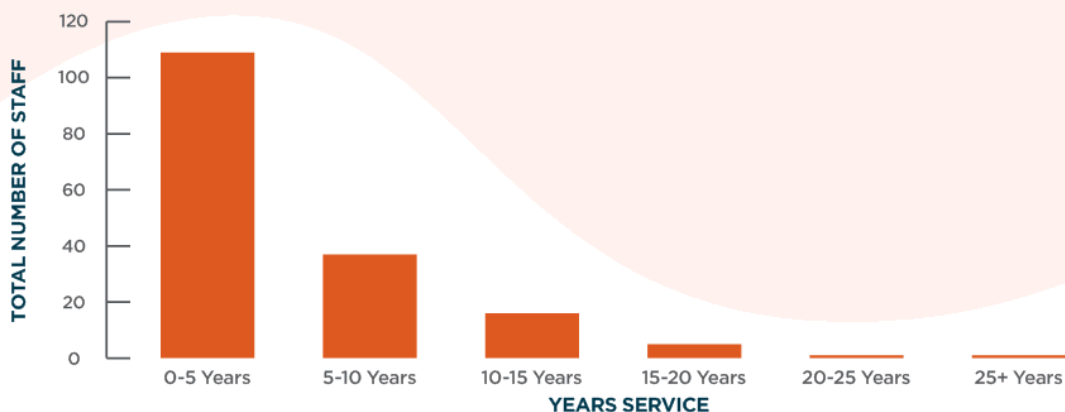
In accordance with the Local Government (Administration) Regulations 19B, the Shire of Broome is required to disclose in bands of \$10,000 the number of employees entitled to an annual salary package of \$100,000 or more.

EMPLOYEES

Gender	Casual	Full time	Part Time	Grand Total
Female	22	40	10	72
Male	10	85	2	97
TOTAL	32	125	12	169

Directorate	Casual	Full time	Part Time	Grand Total
CEO	-	6	1	7
Community & Development	27	34	8	69
Corporate	2	22	2	26
Infrastructure	3	63	1	67
TOTAL	32	125	12	169

YEARS OF SERVICE



EMPLOYEE AGE

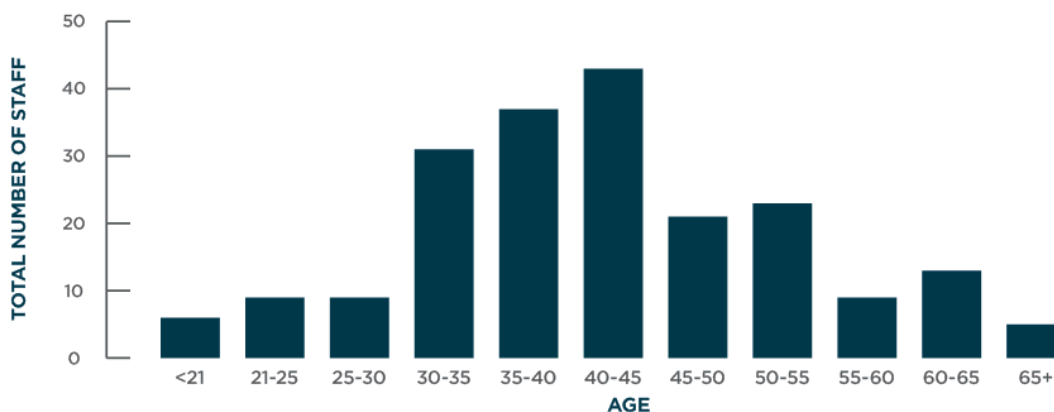




Photo: Chinatown Revitalisation Project



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STATEMENT BY THE CHIEF EXECUTIVE OFFICER

SHIRE OF BROOME
FINANCIAL REPORT
FOR THE YEAR ENDED 30TH JUNE 2019

*Local Government Act 1995
Local Government (Financial Management) Regulations 1996*

STATEMENT BY CHIEF EXECUTIVE OFFICER

The attached financial report of the Shire of Broome for the financial year ended 30 June 2019 is based on proper accounts and records to present fairly the financial position of the Shire of Broome at 30 June 2019 and the results of the operations for the financial year then ended in accordance with the Local Government Act 1995 and, to the extent that they are not inconsistent with the Act, the Australian Accounting Standards.

Signed on the 6th day of October 2019



Chief Executive Officer

SAM MASTROLUCCHI

Name of Chief Executive Officer



STATEMENT OF COMPREHENSIVE INCOME BY NATURE OR TYPE

FOR THE YEAR ENDED 30 JUNE 2019

	NOTE	2019 Actual \$	2019 Budget \$	2018 Actual \$
Revenue				
Rates	22(a)	22,392,626	22,376,649	21,931,509
Operating grants, subsidies and contributions	2(a)	3,978,224	6,365,944	3,884,342
Fees and charges	2(a)	9,908,218	11,092,800	10,743,949
Interest earnings	2(a)	1,476,449	1,121,872	1,304,843
Other revenue	2(a)	1,621,900	1,259,156	988,593
		<u>39,377,417</u>	<u>42,216,421</u>	<u>38,853,236</u>
Expenses				
Employee costs		(14,832,097)	(16,731,079)	(15,637,962)
Materials and contracts		(13,223,815)	(13,132,829)	(9,300,554)
Utility charges		(1,882,925)	(2,002,962)	(1,844,152)
Depreciation on non-current assets	11(c)	(10,021,199)	(9,667,682)	(12,933,560)
Interest expenses	2(b)	(92,802)	(92,755)	(118,981)
Insurance expenses		(657,408)	(657,174)	(630,726)
Other expenditure		(2,613,860)	(3,144,792)	(2,700,647)
		<u>(43,324,106)</u>	<u>(45,429,273)</u>	<u>(43,166,582)</u>
		<u>(3,946,689)</u>	<u>(3,212,852)</u>	<u>(4,313,346)</u>
Non-operating grants, subsidies and contributions	2(a)	12,577,669	13,782,824	7,023,995
Profit on asset disposals	11(a)	7,273	1,170	12,860
(Loss) on asset disposals	11(a)	(21,881)	(80,223)	(309,999)
		<u>12,563,061</u>	<u>13,703,771</u>	<u>6,726,856</u>
Net result for the period		8,616,372	10,490,919	2,413,510
Other comprehensive income				
<i>Items that will not be reclassified subsequently to profit or loss</i>				
Changes in asset revaluation surplus	12	0	0	(20,829,964)
Total other comprehensive income for the period		0	0	(20,829,964)
Total comprehensive income for the period		8,616,372	10,490,919	(18,416,454)

This statement is to be read in conjunction with the accompanying notes.



STATEMENT OF COMPREHENSIVE INCOME BY PROGRAM

FOR THE YEAR ENDED 30 JUNE 2019

	NOTE	2019 Actual \$	2019 Budget \$	2018 Actual \$
Revenue				
Governance	2(a)	614,432	399,596	22,907
General purpose funding		24,703,828	23,715,361	24,218,955
Law, order, public safety		128,540	138,743	186,974
Health		197,486	189,761	208,293
Education and welfare		24,000	90,000	15,000
Housing		716,548	622,164	585,062
Community amenities		6,421,517	7,597,727	7,164,053
Recreation and culture		1,340,966	1,473,656	1,644,971
Transport		1,682,022	2,641,520	1,448,213
Economic services		1,033,114	3,103,330	1,082,586
Other property and services		2,514,964	2,244,563	2,276,222
		<u>39,377,417</u>	<u>42,216,421</u>	<u>38,853,236</u>
Expenses				
Governance	2(b)	(2,481,720)	(2,707,164)	(2,002,679)
General purpose funding		(404,056)	(446,696)	(307,300)
Law, order, public safety		(1,049,151)	(1,015,237)	(1,401,211)
Health		(745,364)	(788,573)	(742,073)
Education and welfare		(587,946)	(737,232)	(580,039)
Housing		(860,897)	(751,394)	(742,808)
Community amenities		(8,162,850)	(9,257,846)	(8,483,658)
Recreation and culture		(11,413,945)	(12,232,552)	(10,565,703)
Transport		(12,345,614)	(10,851,832)	(12,759,452)
Economic services		(2,856,083)	(4,264,199)	(3,054,017)
Other property and services		(2,323,678)	(2,283,793)	(2,408,661)
		<u>(43,231,304)</u>	<u>(45,336,518)</u>	<u>(43,047,601)</u>
Finance Costs				
Recreation and culture	2(b)	(91,836)	(92,755)	(118,981)
Economic services		(966)	0	0
		<u>(92,802)</u>	<u>(92,755)</u>	<u>(118,981)</u>
		<u>(3,946,689)</u>	<u>(3,212,852)</u>	<u>(4,313,346)</u>
Non-operating grants, subsidies and contributions				
Non-operating grants, subsidies and contributions	2(a)	12,577,669	13,782,824	7,023,995
Profit on disposal of assets	11(a)	7,273	1,170	12,860
(Loss) on disposal of assets	11(a)	(21,881)	(80,223)	(309,999)
		<u>12,563,061</u>	<u>13,703,771</u>	<u>6,726,856</u>
Net result for the period		<u>8,616,372</u>	<u>10,490,919</u>	<u>2,413,510</u>
Other comprehensive income				
<i>Items that will not be reclassified subsequently to profit or loss</i>				
Changes in asset revaluation surplus	12	0	0	(20,829,964)
Total other comprehensive income for the period		<u>0</u>	<u>0</u>	<u>(20,829,964)</u>
Total comprehensive income for the period		<u>8,616,372</u>	<u>10,490,919</u>	<u>(18,416,454)</u>

This statement is to be read in conjunction with the accompanying notes.



STATEMENT OF FINANCIAL POSITION

FOR THE YEAR ENDED 30 JUNE 2019

	NOTE	2019 \$	2018 \$
CURRENT ASSETS			
Cash and cash equivalents	3	42,169,411	45,133,347
Trade receivables	5	2,807,518	2,305,430
Inventories	6	49,463	34,015
Other assets	7	350,640	149,285
TOTAL CURRENT ASSETS		45,377,032	47,622,077
NON-CURRENT ASSETS			
Trade receivables	5	32,159	17,430
Other financial assets	8	87,586	0
Property, plant and equipment	9	87,045,403	88,508,984
Infrastructure	10	294,728,403	278,788,414
TOTAL NON-CURRENT ASSETS		381,893,551	367,314,828
TOTAL ASSETS		427,270,583	414,936,905
CURRENT LIABILITIES			
Trade and other payables	13	7,495,460	4,606,710
Borrowings	14(a)	739,456	619,827
Employee related provisions	15	1,955,626	2,214,146
TOTAL CURRENT LIABILITIES		10,190,542	7,440,683
NON-CURRENT LIABILITIES			
Borrowings	14(a)	2,659,956	1,699,411
Employee related provisions	15	475,965	469,063
TOTAL NON-CURRENT LIABILITIES		3,135,921	2,168,474
TOTAL LIABILITIES		13,326,463	9,609,157
NET ASSETS		413,944,120	405,327,748
EQUITY			
Retained surplus		127,524,101	116,134,519
Reserves - cash backed	4	35,273,696	38,046,906
Revaluation surplus	12	251,146,323	251,146,323
TOTAL EQUITY		413,944,120	405,327,748

This statement is to be read in conjunction with the accompanying notes.



STATEMENT OF CHANGES IN EQUITY

FOR THE YEAR ENDED 30 JUNE 2019

	NOTE	RETAINED SURPLUS	RESERVES CASH BACKED	REVALUATION SURPLUS	TOTAL EQUITY
		\$	\$	\$	\$
Balance as at 1 July 2017		120,385,478	31,382,437	271,976,287	423,744,202
Comprehensive income					
Net result for the period		2,413,510	0	0	2,413,510
Other comprehensive income	12	0	0	(20,829,964)	(20,829,964)
Total comprehensive income		2,413,510	0	(20,829,964)	(18,416,454)
Transfers from/(to) reserves		(6,664,469)	6,664,469	0	0
Balance as at 30 June 2018		116,134,519	38,046,906	251,146,323	405,327,748
Comprehensive income					
Net result for the period		8,616,372	0	0	8,616,372
Total comprehensive income		8,616,372	0	0	8,616,372
Transfers from/(to) reserves		2,773,210	(2,773,210)	0	0
Balance as at 30 June 2019		127,524,101	35,273,696	251,146,323	413,944,120

This statement is to be read in conjunction with the accompanying notes.

STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED 30 JUNE 2019

	NOTE	2019 Actual \$	2019 Budget \$	2018 Actual \$
CASH FLOWS FROM OPERATING ACTIVITIES				
Receipts				
Rates		22,284,359	22,360,273	22,141,540
Operating grants, subsidies and contributions		2,299,955	6,345,984	2,872,489
Fees and charges		9,908,218	11,092,800	10,871,793
Interest received		1,476,449	1,121,872	1,304,843
Goods and services tax received		1,269,719	0	2,991,537
Other revenue		1,534,314	1,259,156	1,047,668
		<u>38,773,014</u>	<u>42,180,085</u>	<u>41,229,870</u>
Payments				
Employee costs		(15,068,488)	(16,678,338)	(15,424,327)
Materials and contracts		(6,685,019)	(13,417,528)	(8,523,582)
Utility charges		(1,882,925)	(2,002,962)	(1,769,449)
Interest expenses		(31,301)	(92,755)	(119,839)
Insurance paid		(657,408)	(657,174)	(630,726)
Goods and services tax paid		(3,943,577)	0	(3,098,829)
Other expenditure		(2,613,860)	(3,144,792)	(2,700,647)
		<u>(30,882,578)</u>	<u>(35,993,549)</u>	<u>(32,267,399)</u>
Net cash provided by (used in) operating activities	16	<u>7,890,436</u>	<u>6,186,536</u>	<u>8,962,471</u>
CASH FLOWS FROM INVESTING ACTIVITIES				
Payments for purchase of property, plant & equipment		(2,199,719)	(4,265,801)	(3,178,496)
Payments for construction of infrastructure		(22,385,310)	(23,669,561)	(5,067,817)
Non-operating grants, subsidies and contributions		12,577,669	13,782,824	7,023,995
Proceeds from sale of property, plant & equipment		72,814	238,000	379,552
Net cash provided by (used in) investment activities		<u>(11,934,546)</u>	<u>(13,914,538)</u>	<u>(842,766)</u>
CASH FLOWS FROM FINANCING ACTIVITIES				
Repayment of borrowings		(619,826)	(619,827)	(592,742)
Proceeds from new borrowings		1,700,000	1,700,000	0
Net cash provided by (used in) financing activities		<u>1,080,174</u>	<u>1,080,173</u>	<u>(592,742)</u>
Net increase (decrease) in cash held		<u>(2,963,936)</u>	<u>(6,647,829)</u>	<u>7,526,963</u>
Cash at beginning of year		<u>45,133,347</u>	<u>39,593,284</u>	<u>37,606,384</u>
Cash and cash equivalents at the end of the year	16	<u>42,169,411</u>	<u>32,945,455</u>	<u>45,133,347</u>

This statement is to be read in conjunction with the accompanying notes.

RATE SETTING STATEMENT

FOR THE YEAR ENDED 30 JUNE 2019

	NOTE	2019 Actual \$	2019 Budget \$	2018 Actual \$
OPERATING ACTIVITIES				
Net current assets at start of financial year - surplus/(deficit)	23 (b)	4,346,500	3,763,179	3,606,464
		4,346,500	3,763,179	3,606,464
Revenue from operating activities (excluding rates)				
Governance		614,432	399,596	22,907
General purpose funding		2,311,202	1,338,712	2,287,446
Law, order, public safety		128,540	138,743	186,974
Health		197,486	189,761	208,293
Education and welfare		24,000	90,000	19,770
Housing		716,548	622,164	585,062
Community amenities		6,421,517	7,598,727	7,164,053
Recreation and culture		1,340,966	1,473,656	1,644,971
Transport		1,682,022	2,641,520	1,448,213
Economic services		1,033,114	3,103,330	1,082,865
Other property and services		2,522,237	2,244,733	2,284,033
		16,992,064	19,840,942	16,934,587
Expenditure from operating activities				
Governance		(2,481,720)	(2,707,164)	(2,005,502)
General purpose funding		(404,056)	(446,696)	(307,300)
Law, order, public safety		(1,055,516)	(1,022,337)	(1,410,163)
Health		(745,364)	(788,573)	(745,194)
Education and welfare		(587,946)	(737,232)	(580,039)
Housing		(860,897)	(751,394)	(742,808)
Community amenities		(8,173,819)	(9,276,019)	(8,483,658)
Recreation and culture		(11,505,781)	(12,329,557)	(10,684,684)
Transport		(12,345,614)	(10,851,832)	(12,759,452)
Economic services		(2,857,049)	(4,264,199)	(3,054,017)
Other property and services		(2,328,225)	(2,334,493)	(2,703,764)
		(43,345,987)	(45,509,496)	(43,476,581)
Non-cash amounts excluded from operating activities	23(a)	9,840,185	9,746,735	13,450,498
Amount attributable to operating activities		(12,167,238)	(12,158,640)	(9,485,032)
INVESTING ACTIVITIES				
Non-operating grants, subsidies and contributions		12,577,669	13,782,824	7,023,995
Proceeds from disposal of assets	11(a)	72,814	238,000	379,552
Purchase of property, plant and equipment	9(a)	(2,199,719)	(4,265,801)	(3,178,496)
Purchase and construction of infrastructure	10(a)	(22,385,310)	(23,669,561)	(5,067,817)
Amount attributable to investing activities		(11,934,546)	(13,914,538)	(842,766)
FINANCING ACTIVITIES				
Repayment of borrowings	14(b)	(619,826)	(619,827)	(592,742)
Proceeds from borrowings	14(c)	1,700,000	1,700,000	0
Transfers to reserves (restricted assets)	4	(7,113,415)	(4,289,032)	(6,974,332)
Transfers from reserves (restricted assets)	4	9,886,625	6,905,388	2,309,863
Amount attributable to financing activities		3,853,384	3,696,529	(7,257,211)
Surplus/(deficit) before imposition of general rates		(20,248,400)	(22,376,649)	(17,585,009)
Total amount raised from general rates	22	22,392,626	22,376,649	21,931,509
Surplus/(deficit) after imposition of general rates	23(b)	2,144,226	0	4,346,500

This statement is to be read in conjunction with the accompanying notes.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

1. BASIS OF PREPARATION

The financial report comprises general purpose financial statements which have been prepared in accordance with Australian Accounting Standards (as they apply to local governments and not-for-profit entities) and interpretations of the Australian Accounting Standards Board, and the *Local Government Act 1995* and accompanying regulations.

The *Local Government (Financial Management) Regulations 1996* take precedence over Australian Accounting Standards. Regulation 16 prohibits a local government from recognising as assets Crown land that is a public thoroughfare, such as land under roads, and land not owned by but under the control or management of the local government, unless it is a golf course, showground, racecourse or recreational facility of State or regional significance. Consequently, some assets, including land under roads acquired on or after 1 July 2008, have not been recognised in this financial report. This is not in accordance with the requirements of AASB 1051 *Land Under Roads* paragraph 15 and AASB 116 *Property, Plant and Equipment* paragraph 7.

Accounting policies which have been adopted in the preparation of this financial report have been consistently applied unless stated otherwise. Except for cash flow and rate setting information, the report has been prepared on the accrual basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and liabilities.

CRITICAL ACCOUNTING ESTIMATES

The preparation of a financial report in conformity with Australian Accounting Standards requires management to make judgements, estimates and assumptions that effect the application of policies and reported amounts of assets and liabilities, income and expenses.

The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances; the results of which form the basis of making the judgements about carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates.

THE LOCAL GOVERNMENT REPORTING ENTITY

All funds through which the Shire controls resources to carry on its functions have been included in the financial statements forming part of this financial report.

In the process of reporting on the local government as a single unit, all transactions and balances between those funds (for example, loans and transfers between funds) have been eliminated.

All monies held in the Trust Fund are excluded from the financial statements. A separate statement of those monies appears at Note 25 to these financial statements.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

2. REVENUE AND EXPENSES

(a) Revenue

Grant Revenue

Grants, subsidies and contributions are included as both operating and non-operating revenues in the Statement of Comprehensive Income:

	2019 Actual \$	2019 Budget \$	2018 Actual \$
Operating grants, subsidies and contributions			
Governance	231,880	340,000	8,186
General purpose funding	1,903,512	900,904	1,837,256
Health	0	2,000	2,198
Education and welfare	24,000	90,000	15,000
Community amenities	66,671	10,000	5,000
Recreation and culture	112,540	213,530	372,598
Transport	1,512,818	2,501,380	1,287,446
Economic services	50,000	2,221,360	167,356
Other property and services	76,803	86,770	189,302
	3,978,224	6,365,944	3,884,342
Non-operating grants, subsidies and contributions			
Law, order, public safety	0	1,200,000	0
Community amenities	200,000	0	255,000
Recreation and culture	5,229,229	8,084,638	194,933
Transport	2,937,562	1,868,192	1,498,892
Economic services	4,118,408	2,629,994	4,950,000
Other property and services	92,470	0	125,170
	12,577,669	13,782,824	7,023,995
Total grants, subsidies and contributions	16,555,893	20,148,768	10,908,337

SIGNIFICANT ACCOUNTING POLICIES

Grants, donations and other contributions

Grants, donations and other contributions are recognised as revenues when the local government obtains control over the assets comprising the contributions.

Where contributions recognised as revenues during the reporting period were obtained on the condition that they be expended in a particular manner or used over

Grants, donations and other contributions (Continued)

a particular period, and those conditions were undischarged as at the reporting date, the nature of and amounts pertaining to those undischarged conditions are disclosed in Note 21. That note also discloses the amount of contributions recognised as revenues in a previous reporting period which were obtained in respect of the local government's operations for the current reporting period.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

2. REVENUE AND EXPENSES (Continued)

(a) Revenue (Continued)	2019	2019	2018
	Actual	Budget	Actual
	\$	\$	\$
Other revenue			
Reimbursements and recoveries	1,604,115	1,238,656	940,674
Other	17,785	20,500	47,919
	<u>1,621,900</u>	<u>1,259,156</u>	<u>988,593</u>
Fees and Charges			
General purpose funding	91,370	0	72,683
Law, order, public safety	77,234	80,500	159,633
Health	194,460	102,948	203,114
Education and welfare	0	187,761	0
Housing	716,548	620,814	582,673
Community amenities	5,825,122	7,180,095	6,715,597
Recreation and culture	1,115,995	1,159,666	1,168,998
Transport	3,564	25,000	25,603
Economic services	910,772	745,886	769,708
Other property and services	973,153	990,130	1,045,940
	<u>9,908,218</u>	<u>11,092,800</u>	<u>10,743,949</u>
There were no changes during the year to the amount of the fees or charges detailed in the original budget.			
Interest earnings			
Reserve accounts interest	951,628	685,860	783,428
Rates instalment and penalty interest (refer Note 22(c))	315,438	280,000	283,215
Other interest earnings	209,383	156,012	238,200
	<u>1,476,449</u>	<u>1,121,872</u>	<u>1,304,843</u>
(b) Expenses			
Auditors remuneration			
- Audit of the Annual Financial Report	59,000	30,000	28,102
- Other services	3,700	21,500	5,769
	<u>62,700</u>	<u>51,500</u>	<u>33,871</u>
Interest expenses (finance costs)			
Borrowings (refer Note 14(b))	92,802	92,755	118,981
	<u>92,802</u>	<u>92,755</u>	<u>118,981</u>

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

3. CASH AND CASH EQUIVALENTS

	NOTE	2019 \$	2018 \$
Cash at bank and on hand		42,169,411	45,133,347
		42,169,411	45,133,347
Comprises:			
- Unrestricted cash and cash equivalents		6,135,600	7,086,441
- Restricted cash and cash equivalents		36,033,811	38,046,906
		42,169,411	45,133,347
The following restrictions have been imposed by regulations or other externally imposed requirements:			
Reserve accounts			
Reserves cash backed - Leave Reserve	4	1,051,077	1,592,185
Reserves cash backed - Restricted Cash	4	712,179	5,045,885
Reserves cash backed - Community Sponsorship	4	61,744	84,449
Reserves cash backed - EDL Sponsorship	4	145,188	182,370
Reserves cash backed - Road Reserve	4	2,061,646	2,764,619
Reserves cash backed - Public Art Reserve	4	167,571	162,747
Reserves cash backed - Carpark Reserve	4	533,886	485,090
Reserves cash backed - Footpath Reserve	4	2,179,884	2,338,141
Reserves cash backed - BRAC (Leisure Centre) Reserve	4	98,488	54,376
Reserves cash backed - Public Open Space	4	3,385,685	2,300,553
Reserves cash backed - Drainage reserve	4	1,693,989	1,839,820
Reserves cash backed - Plant	4	2,026,247	1,559,839
Reserves cash backed - Buildings	4	2,647,091	3,451,747
Reserves cash backed - Refuse Site Reserve	4	3,259,028	3,377,488
Reserves cash backed - Regional Resource Recovery Park Reserve	4	14,243,536	12,190,279
Reserves cash backed - IT & Equipment	4	518,998	432,473
Reserves cash backed - Kimberley Zone	4	487,459	184,845
		35,273,696	38,046,906
Other restricted cash and cash equivalents			
Bonds and deposits held	25	760,115	0
Total restricted cash and cash equivalents		36,033,811	38,046,906

SIGNIFICANT ACCOUNTING POLICIES

Cash and cash equivalents

Cash and cash equivalents include cash on hand, cash at bank, deposits available on demand with banks and other short term highly liquid investments with original maturities of three months or less that are readily convertible to known amounts of cash

Cash and cash equivalents (Continued)

and which are subject to an insignificant risk of changes in value and bank overdrafts. Bank overdrafts are reported as short term borrowings in current liabilities in the statement of financial position.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

4. RESERVES - CASH BACKED

	2019 Opening Balance	2019 Actual Transfer	2019 Actual Closing Balance	2019 Budget Opening	2019 Budget Transfer	2019 Budget Closing	2018 Actual Opening	2018 Actual Transfer	2018 Actual Closing
(a) Reserves cash backed - Leave Reserve	1,592,185	47,197	1,639,382	1,592,185	33,108	1,625,293	1,592,185	33,108	1,625,293
(b) Reserves cash backed - Restricted Cash	5,045,885	0	5,045,885	5,045,885	0	5,045,885	5,045,885	0	5,045,885
(c) Reserves cash backed - Community Sponsorship	84,449	2,503	86,952	84,449	1,152	85,601	84,449	1,152	85,601
(d) Reserves cash backed - EDL Sponsorship	182,370	5,400	187,770	182,370	2,064	184,434	182,370	2,064	184,434
(e) Reserves cash backed - Road Reserve	2,764,619	1,132,385	3,897,004	2,764,619	333,319	3,097,938	2,764,619	333,319	3,097,938
(f) Reserves cash backed - Public Art Reserve	162,747	4,824	167,571	162,747	3,816	166,563	162,747	3,816	166,563
(g) Reserves cash backed - Carpark Reserve	485,090	40,796	525,886	485,090	45,912	531,002	485,090	45,912	531,002
(h) Reserves cash backed - BRAC (Leisure Centre) Reserve	2,338,141	354,701	2,692,842	2,338,141	307,968	2,646,109	2,338,141	307,968	2,646,109
(i) Reserves cash backed - Public Open Space	2,300,553	1,353,132	3,653,685	2,300,553	1,260	3,601,813	2,300,553	1,260	3,601,813
(j) Reserves cash backed - Drainage Reserve	1,839,820	78,489	1,918,309	1,839,820	108,753	1,948,573	1,839,820	108,753	1,948,573
(k) Reserves cash backed - Plant	1,559,839	468,408	2,028,247	1,559,839	364,500	1,924,339	1,559,839	364,500	1,924,339
(l) Reserves cash backed - Buildings	3,451,747	570,637	4,022,384	3,451,747	260,387	3,711,960	3,451,747	260,387	3,711,960
(m) Reserves cash backed - Refuse Site Reserve	3,377,488	242,108	3,619,596	3,377,488	58,836	3,436,324	3,377,488	58,836	3,436,324
(n) Reserves cash backed - Regional Resource Recovery Park Reserve	12,190,279	2,200,413	14,390,692	12,190,279	9,497,710	21,687,989	12,190,279	9,497,710	21,687,989
(o) Reserves cash backed - IT & Equipment	432,473	86,828	519,301	432,473	54,669	487,142	432,473	54,669	487,142
(p) Reserves cash backed - Kimberley Zone	184,645	465,728	650,373	184,645	19,860	204,505	184,645	19,860	204,505
(q) Reserves cash backed - Kimberley Zone	38,040,906	7,113,415	45,154,321	38,040,906	4,289,032	42,329,838	38,040,906	4,289,032	42,329,838

All of the reserve accounts are supported by money held in financial institutions and match the amount shown as restricted cash in Note 3 to this financial report.

In accordance with Council resolutions in relation to each reserve account, the purpose for which the reserves are set aside and their anticipated date of use are as follows:

Name of Reserve	Anticipated date of use	Purpose of the reserve
(a) Reserves cash backed - Leave Reserve	Ongoing	To be used to fund annual and long service leave requirements.
(b) Reserves cash backed - Restricted Cash	Ongoing	To be used for unspent grant, contribution and loan funds.
(c) Reserves cash backed - Community Sponsorship	Ongoing	To hold funds remaining as at 30 June after allocation of both Annual and Ad-hoc sponsorships and external donations to be spent on both annual and ad-hoc sponsorships in accordance with the Community Sponsorship Program Policy.
(d) Reserves cash backed - EDL Sponsorship	Ongoing	To hold funds to be spent on community projects as approved by Energy Development Limited.
(e) Reserves cash backed - Road Reserve	Ongoing	To be used for renewal, upgrade or new streets and roads.
(f) Reserves cash backed - Public Art Reserve	Ongoing	To hold funds set aside annually to fund future public art projects and initiatives within the Shire.
(g) Reserves cash backed - Carpark Reserve	Ongoing	To be used for renewal, upgrade or new carparks. Typically funds are from "Cash In Lieu" payments from developers.
(h) Reserves cash backed - Footpath Reserve	Ongoing	To be used for renewal, upgrade or new footpaths. Typically, funds are from contributions made by developers.
(i) Reserves cash backed - BRAC (Leisure Centre) Reserve	Ongoing	To be used for the construction of recreation infrastructure and facilities.
(j) Reserves cash backed - Public Open Space	Ongoing	To be used for renewal, upgrade, replacement or new public open space facilities and garden areas associated with buildings and other freely accessible public recreational facilities. Any contributions from developers are held in Trust.
(k) Reserves cash backed - Drainage Reserve	Ongoing	To be used for the renewal, upgrade or construction of drainage services. Typically funds are from contributions made by developers.
(l) Reserves cash backed - Plant	Ongoing	To be used for the renewal, upgrade or purchase of new mobile plant and engineering equipment.
(m) Reserves cash backed - Buildings	Ongoing	To be used for renewal, upgrade, replacement or new building construction and associated infrastructure.
(n) Reserves cash backed - Refuse Site Reserve	Ongoing	To be used for the current and future costs of maintaining and closing the refuse site in accordance with operational needs and environmental guidelines.
(o) Reserves cash backed - Regional Resource Recovery Park Reserve	Ongoing	To hold funds set aside annually and over a year and operational profit generated from refuse site business unit to fund: i) The future construction of a new facility; ii) The future subsequent and ongoing costs of maintaining the site in accordance with operational requirements and environmental guidelines; or iii) The costs of future rehabilitation of the site.
(p) Reserves cash backed - IT & Equipment	Ongoing	To be used for renewal, upgrade or new office equipment, IT hardware and software.
(q) Reserves cash backed - Kimberley Zone	Ongoing	To hold funds set aside annually to fund future projects and initiatives for the Kimberley Zone of WALGA and/or Regional Collaborative Groups.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

5. TRADE RECEIVABLES

Current

Rates receivable	
Sundry receivables	
GST receivable	
Other current receivables	
Allowance for impairment - rates	
Allowance for impairment - sundry debtors	

Non-current

Pensioner's rates and ESL deferred	
------------------------------------	--

2019	2018
\$	\$
917,077	794,223
883,293	903,729
490,250	292,871
735,818	445,231
(135,992)	(106,676)
(82,728)	(23,948)
2,807,518	2,305,430
32,159	17,430
32,159	17,430

SIGNIFICANT ACCOUNTING POLICIES

Trade and other receivables

Trade and other receivables include amounts due from ratepayers for unpaid rates and service charges and other amounts due from third parties for goods sold and services performed in the ordinary course of business.

Trade receivables are recognised at original invoice amount less any allowances for uncollectible amounts (i.e. impairment). The carrying amount of net trade receivables is equivalent to fair value as it is due for settlement within 30 days.

Impairment and risk exposure

Information about the impairment of trade receivables and their exposure to credit risk and interest rate risk can be found in Note 24.

Previous accounting policy: Impairment of trade receivables

In the prior year, the impairment of trade receivables was assessed based on the incurred loss model. Individual receivables which were known to be uncollectible were written off by reducing the carrying amount directly. The other receivables were assessed collectively to determine whether there was objective evidence that an impairment had been incurred but not yet identified. For these receivables the estimated impairment losses were recognised in a separate provision for impairment.

Classification and subsequent measurement

Receivables expected to be collected within 12 months of the end of the reporting period are classified as current assets. All other receivables are classified as non-current assets.

Trade receivables are held with the objective to collect the contractual cashflows and therefore measures them subsequently at amortised cost using the effective interest rate method.

Due to the short term nature of current receivables, their carrying amount is considered to be the same as their fair value. Non-current receivables are indexed to inflation, any difference between the face value and fair value is considered immaterial.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

6. INVENTORIES

Current

Fuel and materials

BRAC Stock

	2019	2018
	\$	\$
	42,118	28,554
	7,345	5,461
	<u>49,463</u>	<u>34,015</u>

The following movements in inventories occurred during the year:

Carrying amount at 1 July

Inventories expensed during the year

Additions to inventory

Carrying amount at 30 June

	34,015	36,645
	0	(2,630)
	15,448	0
	<u>49,463</u>	<u>34,015</u>

SIGNIFICANT ACCOUNTING POLICIES

General

Inventories are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

7. OTHER ASSETS

Other current assets

Bonds and deposits held by others

Prepayments

2019	2018
\$	\$
47,159	48,978
303,481	100,307
350,640	149,285

SIGNIFICANT ACCOUNTING POLICIES

Other current assets

Other non-financial assets include prepayments which represent payments in advance of receipt of goods or services or that part of expenditure made in one accounting period covering a term extending beyond that period.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

8. OTHER FINANCIAL ASSETS

Non-current assets
Other financial assets

Financial assets at fair value through profit and loss

- Unlisted equity investments

Financial assets at fair value through profit and loss - LG Housing Trust

2019	2018
\$	\$
87,586	0
87,586	0
87,586	0
87,586	0

SIGNIFICANT ACCOUNTING POLICIES

Other financial assets at amortised cost

The Shire classifies financial assets at amortised cost if both of the following criteria are met:

- the asset is held within a business model whose objective is to collect the contractual cashflows, and
- the contractual terms give rise to cash flows that are solely payments of principal and interest.

Financial assets at fair value through profit and loss

The Shire classifies the following financial assets at fair value through profit and loss:

- debt investments which do not qualify for measurement at either amortised cost or fair value through other comprehensive income,
- equity investments which the Shire has not elected to recognise fair value gains and losses through other comprehensive income.

Impairment and risk

Information regarding impairment and exposure to risk can be found at Note 24.

SIGNIFICANT ACCOUNTING POLICIES (Continued)

Previous accounting policy: available for sale financial assets

Available-for-sale financial assets were non-derivative financial assets that were either not suitable to be classified as other categories of financial assets due to their nature, or they are designated as such by management. They comprise investments in the equity of other entities where there is neither a fixed maturity nor fixed or determinable payments.

Previous accounting policy: Loans and receivables

Non-derivative financial assets with fixed or determinable payments that were not quoted in an active market and are solely payments of principal and interest were classified as loans and receivables and are subsequently measured at amortised cost, using the effective interest rate method.

Refer to Note 26 for explanations regarding the change in accounting policy and reclassification of available for sale financial assets to financial assets at fair value through profit and loss.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

9. PROPERTY, PLANT AND EQUIPMENT

(a) Movements in Carrying Amounts

Movement in the carrying amounts of each class of property, plant and equipment between the beginning and the end of the current financial year.

	Land - freehold land	Land - vested in and under the control of Council	Total land	Buildings - non- specialised	Total buildings	Total land and buildings	Furniture and equipment	Plant and equipment	Work in Progress - Buildings	Work in Progress - Furniture & Equipment	Total property, plant and equipment
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Balance at 1 July 2017	2,690,000	16,076,532	18,766,532	59,693,769	78,450,301	78,450,301	792,760	9,804,778	192,224	125,170	89,365,233
Additions	340,192	0	340,192	772,358	1,112,550	1,112,550	455,376	1,457,261	153,309	0	3,178,496
(Disposals)	0	0	0	0	0	0	0	0	(162,853)	0	(676,691)
Depreciation (expense)	0	0	0	(1,733,104)	(1,733,104)	(1,733,104)	(157,139)	(1,467,811)	0	0	(3,358,054)
Transfers	0	0	0	1,734	1,734	1,734	125,170	0	(1,734)	(125,170)	0
Carrying amount at 30 June 2018	3,020,192	16,076,532	19,096,724	58,734,757	58,734,757	77,831,481	1,216,167	9,280,390	180,946	0	88,508,984
Comprises:											
Gross carrying amount at 30 June 2018	3,020,192	16,076,532	19,096,724	60,467,861	79,584,585	79,584,585	1,373,306	11,533,464	180,946	0	92,652,301
Accumulated depreciation at 30 June 2018	0	0	0	(1,733,104)	(1,733,104)	(1,733,104)	(157,139)	(2,253,074)	0	0	(4,143,317)
Carrying amount at 30 June 2018	3,020,192	16,076,532	19,096,724	58,734,757	58,734,757	77,831,481	1,216,167	9,280,390	180,946	0	88,508,984
Additions	0	0	0	1,033,256	1,033,256	1,033,256	347,111	272,434	546,918	0	2,196,719
(Disposals)	0	0	0	0	0	0	0	0	0	0	(87,422)
Depreciation (expense)	0	0	0	(1,757,765)	(1,757,765)	(1,757,765)	(308,224)	(1,508,899)	0	0	(3,575,878)
Transfers	0	0	0	180,946	180,946	180,946	0	0	(180,946)	0	0
Carrying amount at 30 June 2019	3,020,192	16,076,532	19,096,724	58,191,204	58,191,204	77,287,928	1,254,054	7,956,503	546,918	0	87,045,403
Comprises:											
Gross carrying amount at 30 June 2019	3,020,192	16,076,532	19,096,724	61,882,062	80,778,796	80,778,796	1,720,417	11,846,148	546,918	0	94,692,269
Accumulated depreciation at 30 June 2019	0	0	0	(3,490,858)	(3,490,858)	(3,490,858)	(466,363)	(3,689,645)	0	0	(7,646,866)
Carrying amount at 30 June 2019	3,020,192	16,076,532	19,096,724	58,191,204	58,191,204	77,287,928	1,254,054	7,956,503	546,918	0	87,045,403

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

9. PROPERTY, PLANT AND EQUIPMENT (Continued)

(b) Fair Value Measurements

Asset Class	Fair Value Hierarchy	Valuation Technique	Basis of Valuation	Date of Last Valuation	Inputs Used
Land and buildings					
Land - freehold land	2	Market approach using recent observable market data for similar properties	Independent registered valuer	June 2017	Sales comparisons (level 2 inputs)
Land - vested in and under the control of Council	3	Improvements to land valued using cost approach using depreciated replacement cost	Management valuation	June 2017	At cost
Buildings - non-specialised	3	Market approach using recent observable market data for similar properties	Independent registered valuer	June 2017	Sales comparisons per lettable area (level 2 inputs), depreciated replacement cost per unit area and estimated useful life (Level 3 inputs)
Furniture and equipment	3	Market approach using recent observable market data for similar assets	Management valuation	June 2017	Market price per item, adjusted for condition and comparability
Plant and equipment	3	Market Approach using recent observable market data for similar assets	Management valuation	June 2016	Current replacement cost (market price per item) and condition assessment (level 2 inputs), residual values & estimated useful life (Level 3 inputs)

Level 3 inputs are based on assumptions with regards to future values and patterns of consumption utilising current information. If the basis of these assumptions were varied, they have the potential to result in a significantly higher or lower fair value measurement.

During the period there were no changes in the valuation techniques used by the local government to determine the fair value of property, plant and equipment using either level 2 or level 3 inputs.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

10. INFRASTRUCTURE

(a) Movements in Carrying Amounts

Movement in the carrying amounts of each class of infrastructure between the beginning and the end of the current financial year.

	Recreation Areas	Drainage	Recreation Areas	Infrastructure Others	Works in Progress - Roads, Footpaths and Bridges	Works in Progress - Drainage	Works in Progress - Infrastructure	Works in Progress - Other Recreation Areas	Total Infrastructure
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Balance at 1 July 2017	227,642,202	29,298,022	40,283,285	3,023,999	930,821	0	982,504	0	304,126,027
Additions	1,530,183	274,523	22,235	212,850	1,939,238	425,669	423,642	68,968	5,007,817
Revaluation increments / (decrements) transferred to revaluation surplus	(32,251,034)	8,351,254	(8,686,809)	1,831,837	0	0	0	0	(20,825,964)
Depreciation (expense)	(8,508,709)	(1,012,540)	(1,123,186)	(660,699)	0	0	0	0	(9,275,506)
Transfers	884,875	0	259,018	(884,875)	0	0	(259,018)	0	0
Carrying amount at 30 June 2018	199,624,517	36,821,259	32,495,503	4,646,895	1,994,984	425,669	1,147,528	68,968	278,789,414
Comprises:									
Gross carrying amount at 30 June 2018	237,035,322	36,821,259	32,495,503	4,646,895	1,994,984	425,669	1,147,528	68,968	325,199,219
Accumulated depreciation at 30 June 2018	(46,410,805)	0	0	0	0	0	0	0	(46,410,805)
Carrying amount at 30 June 2018	199,624,517	36,821,259	32,495,503	4,646,895	1,994,984	425,669	1,147,528	68,968	278,789,414
Additions	12,399,300	2,315,740	49,882	983,829	375,257	64,898	5,000,486	715,916	22,385,310
Depreciation (expense)	(3,416,487)	(860,969)	(983,552)	(373,777)	0	0	0	0	(6,445,321)
Transfers	1,984,983	0	425,669	(1,473,388)	(1,984,983)	(425,669)	(1,473,388)	0	0
Carrying amount at 30 June 2019	201,588,333	38,276,030	32,287,479	6,414,470	375,258	64,000	5,000,486	782,884	294,728,403
Comprises:									
Gross carrying amount at 30 June 2019	251,445,605	38,136,989	32,371,031	6,784,322	375,258	64,000	5,000,486	782,884	347,594,529
Accumulated depreciation at 30 June 2019	(49,857,272)	(860,959)	(883,552)	(373,777)	0	0	0	0	(52,985,128)
Carrying amount at 30 June 2019	201,588,333	38,276,030	32,287,479	6,414,470	375,258	64,000	5,000,486	782,884	294,728,403

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

10. INFRASTRUCTURE (Continued)

(b) Fair Value Measurements

Asset Class	Fair Value Hierarchy	Valuation Technique	Basis of Valuation	Date of Last Valuation	Inputs Used
Roads	3	Cost approach using depreciated replacement cost	Management valuation	June 2018	Construction costs and current condition (Level 2), residual values and remaining useful life assessments (Level 3) inputs
Footpaths, Carparks & Bridges	3	Cost approach using depreciated replacement cost	Management valuation	June 2018	Construction costs and current condition (Level 2), residual values and remaining useful life assessments (Level 3) inputs
Drainage	3	Cost approach using depreciated replacement cost	Management valuation	June 2018	Construction costs and current condition (Level 2), residual values and remaining useful life assessments (Level 3) inputs
Recreation Areas	3	Cost approach using depreciated replacement cost	Management valuation	June 2018	Construction costs and current condition (Level 2), residual values and remaining useful life assessments (Level 3) inputs
Infrastructure Others	3	Cost approach using depreciated replacement cost	Management valuation	June 2018	Construction costs and current condition (Level 2), residual values and remaining useful life assessments (Level 3) inputs

Level 3 inputs are based on assumptions with regards to future values and patterns of consumption utilising current information. If the basis of these assumptions were varied, they have the potential to result in a significantly higher or lower fair value measurement.

During the period there were no changes in the valuation techniques used to determine the fair value of infrastructure using level 3 inputs.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

11. PROPERTY, PLANT AND EQUIPMENT (INCLUDING INFRASTRUCTURE)

SIGNIFICANT ACCOUNTING POLICIES

Fixed assets

Each class of fixed assets within either plant and equipment or infrastructure, is carried at cost or fair value as indicated less, where applicable, any accumulated depreciation and impairment losses.

Initial recognition and measurement between mandatory revaluation dates

All assets are initially recognised at cost where the fair value of the asset at date of acquisition is equal to or above \$5,000. All assets are subsequently revalued in accordance with the mandatory measurement framework.

In relation to this initial measurement, cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. For assets acquired at no cost or for nominal consideration, cost is determined as fair value at the date of acquisition. The cost of non-current assets constructed by the Shire includes the cost of all materials used in construction, direct labour on the project and an appropriate proportion of variable and fixed overheads.

Individual assets acquired between initial recognition and the next revaluation of the asset class in accordance with the mandatory measurement framework, are recognised at cost and disclosed as being at fair value as management believes cost approximates fair value. They are subject to subsequent revaluation at the next anniversary date in accordance with the mandatory measurement framework.

Revaluation

The fair value of fixed assets is determined at least every three years and no more than five years in accordance with the regulatory framework. At the end of each period the valuation is reviewed and where appropriate the fair value is updated to reflect current market conditions. This process is considered to be in accordance with *Local Government (Financial Management) Regulation 17A (2)* which requires property, plant and equipment to be shown at fair value.

Increases in the carrying amount arising on revaluation of assets are credited to a revaluation surplus in equity. Decreases that offset previous increases of the same class of asset are recognised against revaluation surplus directly in equity. All other decreases are recognised in profit or loss.

AUSTRALIAN ACCOUNTING STANDARDS - INCONSISTENCY

Land under control

In accordance with *Local Government (Financial Management) Regulation 16(a)(ii)*, the Shire was required to include as an asset (by 30 June 2013), Crown Land operated by the local government as a golf course, showground, racecourse or other sporting or recreational facility of State or Regional significance.

Upon initial recognition, these assets were recorded at cost in accordance with AASB 116. They were then classified as Land and revalued along with other land in accordance with the other policies detailed in this Note.

Land under roads

In Western Australia, all land under roads is Crown Land, the responsibility for managing which, is vested in the local government.

Effective as at 1 July 2008, Council elected not to recognise any value for land under roads acquired on or before 30 June 2008. This accords with the treatment available in *Australian Accounting Standard AASB 1051 Land Under Roads* and the fact *Local Government (Financial Management) Regulation 16(a)(i)* prohibits local governments from recognising such land as an asset.

In respect of land under roads acquired on or after 1 July 2008, as detailed above, *Local Government (Financial Management) Regulation 16(a)(i)* prohibits local governments from recognising such land as an asset.

Whilst such treatment is inconsistent with the requirements of AASB 1051, *Local Government (Financial Management) Regulation 4(2)* provides, in the event of such an inconsistency, the *Local Government (Financial Management) Regulations* prevail.

Consequently, any land under roads acquired on or after 1 July 2008 is not included as an asset of the Shire.

FOR THE YEAR ENDED 30 JUNE 2019

(a) Disposals of Assets

Plant and equipment
Work in Progress - Buildings

The following assets were disposed of during the year.

Plant and Equipment

(b) Fully Depreciated Assets in Use

The gross carrying value of assets held by the Shire which are currently in use yet fully depreciated are shown below.

Plant and equipment

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

11. PROPERTY, PLANT AND EQUIPMENT (INCLUDING INFRASTRUCTURE) (Continued)

(c) Depreciation	2019 Actual	2019 Budget	2018 Actual
	\$	\$	\$
Buildings - non-specialised	1,757,755	1,733,108	1,733,104
Furniture and equipment	309,224	157,140	157,139
Plant and equipment	1,508,899	1,441,134	1,467,811
Roads	3,416,467	4,211,131	6,589,709
Footpaths, Carparks & Bridges	860,969	0	1,012,540
Drainage	683,552	682,590	1,123,188
Recreation Areas	1,110,556	1,114,556	169,260
Infrastructure Others	373,777	328,023	680,809
	10,021,199	9,667,682	12,933,560

SIGNIFICANT ACCOUNTING POLICIES

Depreciation

The depreciable amount of all fixed assets including buildings but excluding freehold land and vested land, are depreciated on a straight-line basis over the individual asset's useful life from the time the asset is held ready for use. Leasehold improvements are depreciated over the shorter of either the unexpired period of the lease or the estimated useful life of the improvements.

The assets residual values and useful lives are reviewed, and adjusted if appropriate, at the end of each reporting period.

An asset's carrying amount is written down immediately to its recoverable amount if the asset's carrying amount is greater than its estimated recoverable amount.

Gains and losses on disposals are determined by comparing proceeds with the carrying amount. These gains and losses are included in the statement of comprehensive income in the period in which they arise.

Depreciation rates

Typical estimated useful lives for the different asset classes for the current and prior years are included in the table below:

Depreciation rates	Estimated Useful Life	Annual Dep'n Rate
Major depreciation periods used for each class of depreciable asset are:		
Vehicles (High Use 1 year replacement program)	4 years	25.00%
Ride on Mowers	5 years	20.00%
Cars & Light Vehicles (2 to 3 replacement program)	6.67 years	15.00%
Trucks Small 2-5 tonne	6.67 years	15.00%
Trucks Medium 6-12 tonne	8 years	12.50%
Trucks Heavy >12 tonne & Medium Plant	10 years	10.00%
Plant Heavy, Graders, Scrapers, Dozers, etc	12 years	8.33%
Plant Portable (regular use)	5 years	20.00%
Plant Other (low use and/or long life)	16 years	6.25%
Computer Equipment (hardware/software)	4 years	25.00%
Furniture & Equipment	10 years	10.00%
Building Plant & Air Conditioning	15 years	6.67%
Buildings	40 years	2.50%
Buildings - Long Life Structures Infrastructure Fixed:	50 years	2.00%
Formation & Earthworks (roads, reserves, landfill)	100 years	1.00%
Pavement (roads, car parks, reserves, landfill)	40 years	2.50%
Seals Asphalt	25 Years	4.00%
Seals Bitumen	15 Years	6.67%
Road Plant & Bus Shelters	20 years	5.00%
Bridges	80 years	1.25%
Drainage facilities	60 years	1.67%
Footpaths, Dust Use Paths	50 years	2.00%

Depreciation (Continued)

When an item of property, plant and equipment is revalued, any accumulated depreciation at the date of the revaluation is treated in one of the following ways:

(a) The gross carrying amount is adjusted in a manner that is consistent with the revaluation of the carrying amount of the asset. For example, the gross carrying amount may be restated by reference to observable market data or it may be restated proportionately to the change in the carrying amount. The accumulated depreciation at the date of the revaluation is adjusted to equal the difference between the gross carrying amount and the carrying amount of the asset after taking into account accumulated impairment losses; or

(b) Eliminated against the gross carrying amount of the asset and the net amount restated to the revalued amount of the asset.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

12. REVALUATION SURPLUS

	2019 Opening Balance	2019 Closing Balance	2018 Opening Balance	2018 Revaluation Increment	2018 Revaluation (Decrement)	Total Movement on Revaluation	2018 Closing Balance
Revaluation surplus - Land - freehold land	\$ 34,853,440	\$ 34,853,440	\$ 34,853,440	\$ 0	\$ 0	\$ 0	\$ 34,853,440
Revaluation surplus - Furniture and equipment	201,314	201,314	201,314	0	0	0	201,314
Revaluation surplus - Roads	148,062,212	148,062,212	180,313,246	0	(32,251,034)	(32,251,034)	148,062,212
Revaluation surplus - Footpaths, Carpark & Bridges	30,512,688	30,512,688	22,251,434	8,261,254	0	8,261,254	30,512,688
Revaluation surplus - Drainage	27,400,598	27,400,598	34,087,407	0	(6,686,809)	(6,686,809)	27,400,598
Revaluation surplus - Recreation Areas	8,014,788	8,014,788	0	8,014,788	0	8,014,788	8,014,788
Revaluation surplus - Infrastructure Others	2,101,283	2,101,283	269,446	1,831,837	0	1,831,837	2,101,283
	251,146,323	251,146,323	271,976,287	18,107,879	(38,937,843)	(20,829,964)	251,146,323

Movements on revaluation of property, plant and equipment (including infrastructure) are not able to be reliably attributed to a program as the assets were revalued by class as provided for by AASB 116 Aus 40.1.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

13. TRADE AND OTHER PAYABLES

Current

	2019 \$	2018 \$
Sundry creditors	5,101,744	2,705,671
Rates paid in advance	307,254	245,753
Accrued salaries and wages	473,218	444,752
ATO liabilities	0	13,239
Bonds and customer deposits	760,115	159,401
Accrued and other liabilities	853,129	1,037,894
	<u>7,495,460</u>	<u>4,606,710</u>

SIGNIFICANT ACCOUNTING POLICIES

Trade and other payables

Trade and other payables represent liabilities for goods and services provided to the Shire prior to the end of the financial year that are unpaid and arise when the Shire becomes obliged to make future payments in respect of the purchase of these goods and services. The amounts are unsecured, are recognised as a current liability and are normally paid within 30 days of recognition.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

14. INFORMATION ON BORROWINGS (Continued)

(c) New Borrowings - 2018/19

Particulars/Purpose	Institution	Loan Type	Term Years	Interest Rate %	Amount Borrowed		Amount (Used)		Total Interest & Charges	Actual Balance Unspent
					2019 Actual	2019 Budget	2019 Actual	2019 Budget		
Chinatown Revitalisation Project	WATC	Fixed-Term	10	1.89%	1,700,000	1,700,000	1,700,000	1,700,000	966	0
					1,700,000	1,700,000	1,700,000	1,700,000	966	0

	2019	2018
(d) Undrawn Borrowing Facilities	\$	\$
Credit Standby Arrangements		
Bank overdraft limit	700,000	700,000
Bank overdraft at balance date	0	0
Credit card limit	25,000	25,000
Credit card balance at balance date	(6,858)	0
Total amount of credit unused	718,142	725,000
Loan facilities		
Loan facilities - current	739,456	619,827
Loan facilities - non-current	2,659,956	1,699,411
Total facilities in use at balance date	3,399,412	2,319,238

SIGNIFICANT ACCOUNTING POLICIES

Financial liabilities

Financial liabilities are recognised at fair value when the Shire becomes a party to the contractual provisions to the instrument.

Non-derivative financial liabilities (excluding financial guarantees) are subsequently measured at amortised cost. Gains or losses are recognised in profit or loss.

Financial liabilities are derecognised where the related obligations are discharged, cancelled or expired. The difference between the carrying amount of the financial liability extinguished or transferred to another party and the fair value of the consideration paid, including the transfer of non-cash assets or liabilities assumed, is recognised in profit or loss.

Borrowing costs

Borrowing costs are recognised as an expense when incurred except where they are directly attributable to the acquisition, construction or production of a qualifying asset. Where this is the case, they are capitalised as part of the cost of the particular asset until such time as the asset is substantially ready for its intended use or sale.

Risk

Information regarding exposure to risk can be found at Note 24.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

15. EMPLOYEE RELATED PROVISIONS

Employee Related Provisions	Provision for Annual Leave	Provision for Long Service Leave	Total
	\$	\$	\$
Opening balance at 1 July 2018			
Current provisions	1,355,813	858,333	2,214,146
Non-current provisions	0	469,063	469,063
	1,355,813	1,327,396	2,683,209
Additional provision	0	158,931	158,931
Amounts used	(410,549)	0	(410,549)
Balance at 30 June 2019	945,264	1,486,327	2,431,591
Comprises			
Current	945,264	1,010,362	1,955,626
Non-current	0	475,965	475,965
	945,264	1,486,327	2,431,591
Amounts are expected to be settled on the following basis:	2019	2018	
Less than 12 months after the reporting date	\$ 1,380,514	\$ 1,091,024	
More than 12 months from reporting date	1,051,077	1,592,185	
	2,431,591	2,683,209	

Timing of the payment of current leave liabilities is difficult to determine as it is dependent on future decisions of employees. Expected settlement timings are based on information obtained from employees and historical leave trends and assumes no events will occur to impact on these historical trends.

SIGNIFICANT ACCOUNTING POLICIES

Employee benefits

Short-term employee benefits

Provision is made for the Shire's obligations for short-term employee benefits. Short-term employee benefits are benefits (other than termination benefits) that are expected to be settled wholly before 12 months after the end of the annual reporting period in which the employees render the related service, including wages, salaries and sick leave. Short-term employee benefits are measured at the (undiscounted) amounts expected to be paid when the obligation is settled.

The Shire's obligations for short-term employee benefits such as wages, salaries and sick leave are recognised as a part of current trade and other payables in the statement of financial position.

Other long-term employee benefits

The Shire's obligations for employees' annual leave and long service leave entitlements are recognised as provisions in the statement of financial position.

Long-term employee benefits are measured at the present value of the expected future payments to be made to employees. Expected future payments incorporate anticipated future wage and salary levels, durations of service and employee departures and are discounted at

Other long-term employee benefits (Continued)

rates determined by reference to market yields at the end of the reporting period on government bonds that have maturity dates that approximate the terms of the obligations. Any remeasurements for changes in assumptions of obligations for other long-term employee benefits are recognised in profit or loss in the periods in which the changes occur.

The Shire's obligations for long-term employee benefits are presented as non-current provisions in its statement of financial position, except where the Shire does not have an unconditional right to defer settlement for at least 12 months after the end of the reporting period, in which case the obligations are presented as current provisions.

Provisions

Provisions are recognised when the Shire has a present legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

Provisions are measured using the best estimate of the amounts required to settle the obligation at the end of the reporting period.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

16. NOTES TO THE STATEMENT OF CASH FLOWS

Reconciliation of Cash

For the purposes of the Statement of Cash Flows, cash includes cash and cash equivalents, net of outstanding bank overdrafts. Cash at the end of the reporting period is reconciled to the related items in the Statement of Financial Position as follows:

	2019 Actual	2019 Budget	2018 Actual
	\$	\$	\$
Cash and cash equivalents	42,169,411	32,945,455	45,133,347
Reconciliation of Net Cash Provided By Operating Activities to Net Result			
Net result	8,616,372	10,490,919	2,413,510
Non-cash flows in Net result:			
Depreciation	10,021,199	9,667,682	12,933,560
(Profit)/loss on sale of asset	14,608	79,053	297,139
Recognition of units in LG Housing Trust	(87,586)	0	0
Changes in assets and liabilities:			
(Increase)/decrease in receivables	(516,817)	(36,336)	(712,146)
(Increase)/decrease in other assets	(201,355)	0	(10,049)
(Increase)/decrease in inventories	(15,448)	0	2,630
Increase/(decrease) in payables	2,888,750	(265,066)	852,648
Increase/(decrease) in provisions	(251,618)	33,108	209,174
Grants contributions for the development of assets	(12,577,669)	(13,782,824)	(7,023,995)
Net cash from operating activities	7,890,436	6,186,536	8,962,471

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

17. TOTAL ASSETS CLASSIFIED BY FUNCTION AND ACTIVITY

	2019	2018
	\$	\$
Governance	632,650	367,216
General purpose funding	9,046,506	12,837,305
Law, order, public safety	484,314	536,302
Health	9,747	10,966
Housing	3,665,222	3,687,477
Community amenities	55,759,713	53,302,616
Recreation and culture	48,028,679	43,652,690
Transport	249,561,564	237,068,421
Economic services	6,684,086	7,294,156
Other property and services	39,788,362	38,284,610
Unallocated	13,609,740	17,895,146
	<u>427,270,583</u>	<u>414,936,905</u>

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

18. CONTINGENT LIABILITIES

The Shire is currently negotiating with Downer EDI Works (Downer) in relation to a number of variations for the Chinatown Revitalisation Project amounting to \$322,000. The Shire offered a full and final settlement of \$8,090,000, whereas Downer are willing to accept \$8,422,000.

Subsequent to 30 June 2019 but before the issue of this financial report, the negotiation remained on-going and the outcome of the matter cannot be estimated reliably. Additional expenses are estimated to be \$300,000 to \$400,000 if the matter is escalated to arbitration.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

19. CAPITAL AND LEASING COMMITMENTS

(a) Capital Expenditure Commitments

Contracted for:

	2019 \$	2018 \$
- capital expenditure projects	87,432	2,017,266
- plant & equipment purchases	332,641	0
	<u>420,073</u>	<u>2,017,266</u>

Payable:

- not later than one year	420,073	2,017,266
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(b) Operating Lease Commitments

Non-cancellable operating leases contracted for but not capitalised in the accounts.

Payable:

	2019 \$	2018 \$
- not later than one year	384,181	298,261
	<u>384,181</u>	<u>298,261</u>

SIGNIFICANT ACCOUNTING POLICIES

Leases

Leases of fixed assets where substantially all the risks and benefits incidental to the ownership of the asset, but not legal ownership, are transferred to the Shire, are classified as finance leases.

Finance leases are capitalised recording an asset and a liability at the lower of the fair value of the leased property or the present value of the minimum lease payments, including any guaranteed residual values. Lease payments are allocated between the reduction of the lease liability and the lease interest expense for the period.

Leases (Continued)

Leased assets are depreciated on a straight line basis over the shorter of their estimated useful lives or the lease term.

Lease payments for operating leases, where substantially all the risks and benefits remain with the lessor, are charged as expenses on a straight line basis over the lease term.

Lease incentives under operating leases are recognised as a liability and amortised on a straight line basis over the life of the lease term.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

20. RELATED PARTY TRANSACTIONS

Elected Members Remuneration

The following fees, expenses and allowances were paid to council members and/or the President.

	2019 Actual	2019 Budget	2018 Actual
	\$	\$	\$
Meeting Fees	156,817	161,130	161,455
President's allowance	47,045	47,045	47,045
Deputy President's allowance	11,761	11,761	11,761
Travelling expenses	46,407	53,450	49,210
Telecommunications allowance	30,625	31,500	31,500
	292,655	304,886	300,971

Key Management Personnel (KMP) Compensation Disclosure

The total of remuneration paid to KMP of the Shire during the year are as follows:

	2019 Actual	2018 Actual
	\$	\$
Short-term employee benefits	790,300	744,067
Post-employment benefits	80,181	94,851
Other long-term benefits	11,184	9,900
	881,665	848,818

Short-term employee benefits

These amounts include all salary, fringe benefits and cash bonuses awarded to KMP except for details in respect to fees and benefits paid to elected members which may be found above.

Post-employment benefits

These amounts are the current-year's estimated cost of providing for the Shire's superannuation contributions made during the year.

Other long-term benefits

These amounts represent long service benefits accruing during the year.

Termination benefits

These amounts represent termination benefits paid to KMP (Note: may or may not be applicable in any given year).

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

20. RELATED PARTY TRANSACTIONS (Continued)

Transactions with related parties

Transactions between related parties and the Shire are on normal commercial terms and conditions, no more favourable than those available to other parties, unless otherwise stated.

No outstanding balances or provisions for doubtful debts or guaranties exist in relation to related parties at year end.

The following transactions occurred with related parties:	2019	2018
	Actual	Actual
	\$	\$
Sale of goods and services	151,889	285,708
Purchase of goods and services	321,803	80,696

Related Parties

The Shire's main related parties are as follows:

i. Key management personnel

Any person(s) having authority and responsibility for planning, directing and controlling the activities of the entity, directly or indirectly, including any elected member, are considered key management personnel.

ii. Other Related Parties

The associate person of KMP was employed by the Shire under normal employment terms and conditions.

iii. Entities subject to significant influence by the Shire

An entity that has the power to participate in the financial and operating policy decisions of an entity, but does not have control over those policies, is an entity which holds significant influence. Significant influence may be gained by share ownership, statute or agreement.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

21. CONDITIONS OVER GRANTS/CONTRIBUTIONS

Grant/Contribution	Opening Balance ⁽¹⁾ 1/07/17	Received ⁽²⁾ 2017/18	Expended ⁽³⁾ 2017/18	Closing Balance ⁽¹⁾ 30/06/18	Received ⁽²⁾ 2018/19	Expended ⁽³⁾ 2018/19	Closing Balance 30/06/19
	\$	\$	\$	\$	\$	\$	\$
Governance							
Don't Zoom In Broome Project Grant	2,096	0	0	2,096	0	0	2,096
EDL sponsorship and spent	210,361	5,615	(33,605)	182,371	5,406	(42,589)	145,188
DLGC National Youth Week Grant	247	0	0	247	0	0	247
Midnight Basketball Contributions	0	6,546	0	6,546	0	(6,546)	0
Law, order, public safety							
FESA State Emergency Service & Volunteer Bush Fire Brigade Operational and Grant funding	17,093	0	0	17,093	0	0	17,093
Health							
Clean Up Aboriginal Communities Operational Grant	16,136	0	0	16,136	0	0	16,136
Department of Health - FIMMWA Mosquito Control Advisory Committee Funding for Mosquito control	6,974	0	(4,390)	2,584	0	(2,584)	0
Education and welfare							
Office of Crime Prevention Grant - Community Safety & Crime Prevention Plan & LGA Partnership Fund - Initiative Lighting Up Anne St Precinct	3,832	0	0	3,832	0	0	3,832
Department of Attorney-General - Hypernight Grant	2,500	0	0	2,500	0	0	2,500
Care of Families & Children Grants - Broome Itarants Strategy	9,507	0	0	9,507	0	0	9,507
Community amenities							
OTCAM Donation for Broome Cemetery Committee from Mollie Bean	150	0	0	150	0	0	150
Rangelands NRM Water Quality Monitoring Program - Protection of Environment	1,091	0	0	1,091	0	0	1,091
Landcorp Development Contributions Plan and Scheme Amendment	62,376	0	0	62,376	0	0	62,376
Regional Venue Programming & Business Development (Raise the Roof) Grant	0	160,000	0	160,000	0	(89,871)	70,129
Loan 193 Civic Centre redevelopment, Fredrick St Truck Drainage & BRAC upgrade	0	0	0	0	35,275	0	35,275
Recreation and culture							
Parks and Ovals Grants - Lions Club BBQ grant.	330	0	0	330	0	0	330
State Library of WA - Library Grant	4,555	7,600	(7,674)	3,881	0	(3,881)	0
Swimming Areas & Beaches - Entrance Point Jetty Planning Grant RBFS	38,300	0	0	38,300	0	0	38,300
Grant from Sport 4 All - Kidsport Grant	9,818	0	0	9,818	0	0	9,818
Landcorp Development Contribution BRAC aquatic upgrade	131,744	0	0	131,744	0	0	131,744
Transport							
Road Maintenance - Office Native Title Monell Park maintenance	229,330	0	(2,674)	226,656	0	(6,209)	220,447
Roads to Recovery Unspent Grant re Clementson St Upgrade Infra Stage 3	14,104	0	0	14,104	0	0	14,104
Roads to Recovery Unspent Grant re Unallocated	23,101	0	0	23,101	0	0	23,101
MRD Grant Remote Access Road Grant - (Broome - Cape Leveque Road)	1,006	0	0	1,006	0	0	1,006
Street Lighting Const Grant Undergrnd Power C/Town Upgrade	48	0	0	48	0	0	48
WALGA Grant Road Safety Activities	1,200	0	0	1,200	0	0	1,200
Black Spot Federal - Hamersley Napier	405,738	0	(405,738)	0	0	0	0
Crab Creek Road - Water Corporation contribution	129,897	0	(129,897)	0	0	0	0
Indigenous Access Roads Program Cape Leveque	0	235,667	(132,343)	103,324	0	(103,324)	0
Roads to Recovery - Hunter Street Stage 2	0	32,129	0	32,129	0	(32,129)	0
Economic services							
Tourism Grants - Visitors Center & Railway Line Project	50,000	0	0	50,000	0	0	50,000
Chinatown Revitalisation - Royalties for Regions	658,898	4,750,000	(1,814,010)	3,594,888	0	(3,594,888)	0
Chinatown Revitalisation - Tourism WA	133,000	267,000	0	400,000	0	(400,000)	0
Tourism WA - Black Waste Dump Point	23,880	0	(23,880)	0	0	0	0
Landcorp - Broome Growth Plan Partnership	0	100,356	(13,950)	86,406	0	(86,406)	0
Other property and services							
Rio Tinto Contribution Apprentice Incubation Programme	21,350	44,527	(24,228)	41,649	0	(40,000)	1,649
Total	2,208,062	5,608,840	(2,592,309)	5,225,113	40,681	(4,408,427)	857,367
Portion of unexpended grants/contributions held in Reserve Funds - Restricted Cash				2019	2018		
Portion of unexpended grants/contributions held in Reserve Funds - EDL Sponsorship				712,179	5,042,743		
				145,188	182,370		
				857,367	5,225,113		

Notes:

(1) - Grants/contributions recognised as revenue in a previous reporting period which were not expended at the close of the previous reporting period.

(2) - New grants/contributions which were recognised as revenues during the reporting period and which had not yet been fully expended in the manner specified by the contributor.

(3) - Grants/contributions which had been recognised as revenues in a previous reporting period or received in the current reporting period and which were expended in the current reporting period in the manner specified by the contributor.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

22. RATING INFORMATION

(a) Rates

RATE TYPE	Differential general rate / general rate									
	Rate in \$	Number of Properties	2018/19 Actual Rateable Value	2018/19 Actual Rate	2018/19 Actual Interim Rates	2018/19 Actual Total Revenue	2018/19 Budget Rate	2018/19 Budget Interim Rate	2018/19 Budget Total Revenue	2017/18 Actual Total Revenue
Gross rental valuations										
GRV - RESIDENTIAL	9.9283	4,849	123,703,016	12,228,847	22,526	12,251,373	12,234,305	50,000	12,284,305	11,970,979
GRV - RESIDENTIAL - VACANT	16.0727	138	3,965,250	394,239	(12,832)	381,407	374,857	0	374,857	377,214
GRV - COMMERCIAL	10.9568	579	52,078,568	5,945,303	20,909	5,966,212	5,917,153	0	5,917,153	5,794,809
GRV - TOURISM	15.2390	425	16,350,480	2,568,152	(4,691)	2,563,461	2,548,542	0	2,548,542	2,483,399
GRV - EXEMPT			0	0	0	0	0	0	0	(1,009)
Unimproved valuations										
UV - COMMERCIAL RURAL	3.1327	21	6,643,773	208,129	0	208,129	208,128	0	208,128	204,489
UV - MINING	12.5464	37	1,068,487	88,876	41,997	130,873	86,575	0	86,575	89,801
UV - RURAL	0.6687	53	17,486,000	116,929	0	116,929	116,927	0	116,927	113,523
Sub-Total		6,102	221,295,574	21,550,475	67,909	21,618,354	21,468,487	50,000	21,536,487	21,033,205
Minimum payment										
Gross rental valuations										
GRV - RESIDENTIAL	1.220	74	808,892	92,720	0	92,720	90,280	0	90,280	111,020
GRV - RESIDENTIAL - VACANT	1.220	198	1,341,340	223,260	0	223,260	241,560	0	241,560	236,680
GRV - COMMERCIAL	1.220	25	1,497,102	29,280	0	29,280	30,500	0	30,500	31,720
GRV - TOURISM	1.220	413	1,459,540	505,080	0	505,080	503,860	0	503,860	503,860
Unimproved valuations										
UV - COMMERCIAL RURAL	1.220	2	13,300	2,440	0	2,440	2,440	0	2,440	2,440
UV - MINING	500	29	40,908	14,500	0	14,500	14,500	0	14,500	15,000
UV - RURAL	1.220	4	191,300	4,880	0	4,880	4,880	0	4,880	4,880
Sub-Total		745	5,352,282	872,160	0	872,160	888,020	0	888,020	905,600
Discounts/concessions (refer Note 22(b))										
Total amount raised from general rate		6,847	228,647,856	22,422,635	67,909	22,490,514	22,374,507	50,000	22,424,507	21,938,805
Totals						(87,918)	(87,918)		(87,918)	(7,296)
						22,392,626	22,392,626		22,392,626	21,931,509
										21,931,509

SIGNIFICANT ACCOUNTING POLICIES

Rates
Control over assets acquired from rates is obtained at the commencement of the rating period or, where earlier, upon receipt of the rates.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

22. RATING INFORMATION (Continued)

(b) Discounts, Incentives, Concessions, & Write-offs

Waivers or Concessions

Rate or Fee and Charge to which the Waiver or Concession is Granted

Concession Type	Discount %	Discount \$	2019 Actual \$	2019 Budget \$	2018 Actual \$
General Rates					
Concession	8.585%		0	0	(976)
General Rates					
Concession	7.935%		0	0	(5,336)
General Rates					
Concession	7.815%		0	0	(982)
General Rates					
Charitable concession	90.00%		(17,947)	(17,947)	0
General Rates					
Charitable concession	50.00%		(3,369)	(3,369)	0
General Rates					
Charitable concession	37.00%		(11,626)	(11,626)	0
General Rates					
Charitable concession	50.00%		(4,602)	(4,602)	0
General Rates					
Charitable concession	50.00%		(1,384)	(1,384)	0
General Rates					
Charitable concession	50.00%		(1,103)	(1,103)	0
General Rates					
Charitable concession	50.00%		(1,239)	(1,239)	0
General Rates					
Charitable concession	50.00%		(1,103)	(1,103)	0
General Rates					
Charitable concession	50.00%		(1,000)	(1,000)	0
General Rates					
Charitable concession	50.00%		(1,000)	(1,000)	0
General Rates					
Charitable concession	50.00%		(1,278)	(1,278)	0
General Rates					
Charitable concession	50.00%		(1,103)	(1,103)	0
General Rates					
Charitable concession	50.00%		(1,103)	(1,103)	0
General Rates					
UV-GRV Phase In		(36,043)	(36,043)	0	0
General Rates					
Concession	100.00%		(8,546)	0	0
General Rates					
Concession	100.00%		(5,472)	0	0
General Rates					
			(97,918)	(47,855)	(7,296)

Rate or Fee and Charge to which the Waiver or Concession is Granted	Circumstances in which the Waiver or Concession is Granted and to whom it was available	Objects of the Waiver or Concession	Reasons for the Waiver or Concession
General Rates	Varying concessions to a charitable organisation (90%, 50%, 37%)		Concession offered because of the nature of the undertaking of the organisation providing social housing and affordable housing.
General Rates	Phasing in of impact of change in valuation from UV to GRV		To reduce the financial impact of change in methodology of valuation from UV to GRV.
General Rates	100% exemption to housing properties owned by University of WA to accommodate students undertaking placement in Broome		100% exemption in accordance with section 6.26(2)(j) of the Local Government Act 1995 and section 38 of the University of Western Australia Act 1911
General Rates	100% concession to property owned by an church with attached mailboxes.		Concession offered because of the nature of the undertaking of the organisation providing benefit to wider community.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

22. RATING INFORMATION (Continued)

(c) Interest Charges & Instalments

Instalment Options	Date Due	Instalment Plan	Instalment Plan	Unpaid Rates
		Admin Charge	Interest Rate	Interest Rate
		\$	%	%
Single full payment	23 Aug 2018	0.00	0.00%	11.00%
First instalment	23 Aug 2018	7.00	5.50%	11.00%
Second instalment	10 Jan 2019	7.00	5.50%	11.00%
First instalment	23 Aug 2018	7.00	5.50%	11.00%
Second instalment	25 Oct 2018	7.00	5.50%	11.00%
Third instalment	10 Jan 2019	7.00	5.50%	11.00%
Fourth instalment	14 Mar 2019	7.00	5.50%	11.00%

	2019 Actual	2019 Budget	2018 Actual
	\$	\$	\$
Interest on unpaid rates	183,904	150,000	150,320
Interest on instalment plan	131,534	130,000	132,895
Charges on instalment plan	58,540	42,000	40,978
Payment arrangement fee	32,830	38,500	7,505
	<u>406,808</u>	<u>360,500</u>	<u>331,698</u>

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

23. RATE SETTING STATEMENT INFORMATION

		2018/19 Budget	2018/19
	2018/19 (30 June 2019 Carried Forward)	(30 June 2019 Carried Forward)	(1 July 2018 Brought Forward)
Note	\$	\$	\$
(a) Non-cash amounts excluded from operating activities			
The following non-cash revenue or expenditure has been excluded from amounts attributable to operating activities within the Rate Setting Statement in accordance with <i>Financial Management Regulation 32</i> .			
Adjustments to operating activities			
Less: Profit on asset disposals	11(a)	(7,273)	(1,170)
Less: Movement in liabilities associated with restricted cash		(100,209)	0
Less: Non-cash gain on recognition of financial assets at fair value through profit or loss		(87,586)	0
Movement in pensioner deferred rates (non-current)		(14,729)	0
Movement in employee benefit provisions (non-current)		6,902	0
Add: Loss on disposal of assets	11(a)	21,881	80,223
Add: Depreciation on assets	11(c)	10,021,199	9,667,682
Non cash amounts excluded from operating activities		9,840,185	9,746,735
(b) Surplus/(deficit) after imposition of general rates			
The following current assets and liabilities have been excluded from the net current assets used in the Rate Setting Statement in accordance with <i>Financial Management Regulation 32</i> to agree to the surplus/(deficit) after imposition of general rates.			
Adjustments to net current assets as per balance sheet			
Less: Reserves - restricted cash	3	(35,273,696)	(30,499,558)
Less: Bonds and deposits held by others		(100,209)	0
Add: Borrowings	14(a)	739,456	835,202
Add: Liability not expected to be paid within 12 months		1,592,185	1,392,788
Total adjustments to net current assets as per balance sheet		(33,042,264)	(28,271,568)
Net current assets used in the Rate Setting Statement			
Total current assets		45,377,032	34,450,667
Less: Total current liabilities		(10,190,542)	(6,179,099)
Less: Total adjustments to net current assets		(33,042,264)	(28,271,568)
Net current assets used in the Rate Setting Statement		2,144,226	0

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

24. FINANCIAL RISK MANAGEMENT

This note explains the Shire's exposure to financial risks and how these risks could affect the Shire's future financial performance.

Risk	Exposure arising from	Measurement	Management
Market risk - interest rate	Long term borrowings at variable rates	Sensitivity analysis	Utilise fixed interest rate borrowings
Credit risk	Cash and cash equivalents, trade receivables, financial assets and debt investments	Aging analysis Credit analysis	Diversification of bank deposits, credit limits. Investment policy
Liquidity risk	Borrowings and other liabilities	Rolling cash flow forecasts	Availability of committed credit lines and borrowing facilities

The Shire does not engage in transactions expressed in foreign currencies and is therefore not subject to foreign currency risk.

Financial risk management is carried out by the CEO under policies approved by the Council. The CEO through Management identifies, evaluates and manages financial risks in close co-operation with the operating divisions. Council have approved the overall risk management policy and provide policies on specific areas such as investment policy.

(a) Interest rate risk

Cash and cash equivalents

The Shire's main interest rate risk arises from cash and cash equivalents with variable interest rates, which exposes the Shire to cash flow interest rate risk. Short term overdraft facilities also have variable interest rates however these are repaid within 12 months, reducing the risk level to minimal.

Excess cash and cash equivalents are invested in fixed interest rate term deposits which do not expose the Shire to cash flow interest rate risk. Cash and cash equivalents required for working capital are held in variable interest rate accounts and non-interest bearing accounts. Carrying amounts of cash and cash equivalents at the 30 June and the weighted average interest rate across all cash and cash equivalents and term deposits held disclosed as financial assets at amortised cost are reflected in the table below.

	Weighted Average Interest Rate	Carrying Amounts	Fixed Interest Rate	Variable Interest Rate	Non Interest Bearing
	%	\$	\$	\$	\$
2019					
Cash and cash equivalents	2.39%	42,169,411	0	42,169,411	0
2018					
Cash and cash equivalents	2.23%	45,133,347	0	45,133,347	0

Sensitivity

Profit or loss is sensitive to higher/lower interest income from cash and cash equivalents as a result of changes in interest rates.

	2019	2018
	\$	\$
Impact of a 1% movement in interest rates on profit and loss and equity*	421,694	451,333

* Holding all other variables constant

Borrowings

Borrowings are subject to interest rate risk - the risk that movements in interest rates could adversely affect funding costs.

The Shire manages this risk by borrowing long term and fixing the interest rate to the situation considered the most advantageous at the time of negotiation. The Shire does not consider there to be any interest rate risk in relation to borrowings. Details of interest rates applicable to each borrowing may be found at Note 14(b).

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

24. FINANCIAL RISK MANAGEMENT (Continued)

(b) Credit risk

Trade Receivables

The Shire's major receivables comprise rates annual charges and user fees and charges. The major risk associated with these receivables is credit risk – the risk that the debts may not be repaid. The Shire manages this risk by monitoring outstanding debt and employing debt recovery policies. It also encourages ratepayers to pay rates by the due date through incentives.

Credit risk on rates and annual charges is minimised by the ability of the Shire to recover these debts as a secured charge over the land, that is, the land can be sold to recover the debt. The Shire is also able to charge interest on overdue rates and annual charges at higher than market rates, which further encourages payment.

The level of outstanding receivables is reported to Council monthly and benchmarks are set and monitored for acceptable collection performance.

The Shire applies the AASB 9 simplified approach to measuring expected credit losses using a lifetime expected loss allowance for all trade receivables. To measure the expected credit losses, rates receivable are separated from other trade receivables due to the difference in payment terms and security for rates receivable.

The expected loss rates are based on the payment profiles of rates and fees and charges over a period of 36 months before 1 July 2018 or 1 July 2019 respectively and the corresponding historical losses experienced within this period. Historical credit loss rates are adjusted to reflect current and forward-looking information on macroeconomic factors such as the ability of ratepayers and residents to settle the receivables. Housing prices and unemployment rates have been identified as the most relevant factor in repayment rates, and accordingly adjustments are made to the expected credit loss rate based on these factors. There are no material receivables that have been subject to a re-negotiation of repayment terms.

The loss allowance as at 30 June 2019 and 1 July 2018 (on adoption of AASB 9) was determined as follows for rates receivable. Expected credit loss was forecasted on 30 June 2019 to the extent of unpaid rates where the associated properties cannot be readily disposed of to recover unpaid rates.

	Current	More than 1 year past due	More than 2 years past due	More than 3 years past due	Total
30 June 2019					
Rates receivable					
Expected credit loss	2.00%	5.00%	8.00%	10.00%	
Gross carrying amount	436,104	209,417	139,138	132,418	917,077
Loss allowance	8,722	10,471	11,131	105,668	135,992
01 July 2018					
Rates receivable					
Expected credit loss	2.00%	5.00%	8.00%	10.00%	
Gross carrying amount	313,250	209,417	139,138	132,418	794,223
Loss allowance	6,265	10,471	11,131	78,809	106,676

The loss allowance as at 30 June 2019 and 1 July 2018 (on adoption of AASB 9) was determined as follows for sundry receivables.

	Current	More than 30 days past due	More than 60 days past due	More than 90 days past due	Total
30 June 2019					
Sundry Receivables					
Expected credit loss	2.00%	5.00%	8.00%	10.00%	
Gross carrying amount	538,045	208,559	27,227	109,462	883,293
Loss allowance	10,761	10,428	2,178	56,361	82,728
01 July 2018					
Sundry Receivables					
Expected credit loss	2.00%	5.00%	8.00%	15.00%	
Gross carrying amount	604,763	205,207	19,725	74,034	903,729
Loss allowance	1,005	10,260	1,578	11,105	23,948

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

24. FINANCIAL RISK MANAGEMENT (Continued)

(c) Liquidity risk

Payables and borrowings

Payables and borrowings are both subject to liquidity risk – that is the risk that insufficient funds may be on hand to meet payment obligations as and when they fall due. The Shire manages this risk by monitoring its cash flow requirements and liquidity levels and maintaining an adequate cash buffer. Payment terms can be extended and overdraft facilities drawn upon if required and disclosed in Note 14(d).

The contractual undiscounted cash flows of the Shire's payables and borrowings are set out in the liquidity table below. Balances due within 12 months equal their carrying balances, as the impact of discounting is not significant.

	Due within 1 year	Due between 1 & 5 years	Due after 5 years	Total contractual cash flows	Carrying values
	\$	\$	\$	\$	\$
2019					
Payables	7,495,460	0	0	7,495,460	7,495,460
Borrowings	836,251	1,920,356	936,850	3,693,457	3,399,412
	8,331,711	1,920,356	936,850	11,188,917	10,894,872
2018					
Payables	4,606,710	0	0	4,606,710	4,606,710
Borrowings	712,581	1,819,755	0	2,532,336	2,319,238
	5,319,291	1,819,755	0	7,139,046	6,925,948

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

25. TRUST FUNDS

In previous years, bonds and deposits were held as trust monies. They are now included in Restricted Cash at Note 3 and shown as a current liability at Note 13.

Funds held at balance date which are required to be held in trust and which are not included in the financial statements are as follows:

	1 July 2018	Amounts Received	Amounts Paid	Reclassification to Restricted Cash	30 June 2019
	\$	\$	\$	\$	\$
Footpath Damage Deposits	32,276	108	0	(32,384)	0
Library Transient Borrower Deposits	69	0	0	(69)	0
Civic Centre Takings	3,654	26,356	(6,598)	(19,977)	3,435
Other General Purpose Deposits	8,493	127	0	(8,620)	0
BCITF Collection & Refund Deposits	819	3,703	(4,518)	(4)	0
Town Planning Related Bond Deposits	106,207	354	(4,124)	0	102,437
Cemetery Plot Reservation Deposits	35,794	4,153	0	(39,947)	0
Recreation Facility use Bond Deposits	49,295	77,895	(84,173)	(43,017)	0
Road & Footpath Facilities Bond Deposits	506,946	1,691	0	(508,637)	0
Capital Works Bond Deposits	3,060	10	0	(3,070)	0
Cash In Lieu Of Public Open Space	99,876	333	0	0	100,209
Bank Guarantee Deposits Received	46,431	100	0	(46,531)	0
BRB Levy	1,688	36,008	(12,586)	(10,274)	14,836
Unclaimed Monies	19,583	68	(17,491)	0	2,160
Contract Bonds & Retentions	0	55	(55)	0	0
Staff Rental Bonds	47,094	21,520	(23,892)	(44,532)	190
Key Deposits	2,545	508	0	(3,053)	0
Chinatown Revitalisation DRD Grant	4,017,955	32,766	(3,245,000)	0	805,721
	4,981,785	205,755	(3,398,437)	(760,115)	1,028,988

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

26. INITIAL APPLICATION OF AUSTRALIAN ACCOUNTING STANDARDS

During the current year, the Shire adopted all of the new and revised Australian Accounting Standards and Interpretations which were compiled, became mandatory and which were applicable to its operations.

Whilst many reflected consequential changes associated with the amendment of existing standards, the only new standard with material application is AASB 9 *Financial Instruments*.

AASB 9 Financial Instruments

AASB 9 *Financial Instruments* replaces AASB 139 *Financial Instruments: Recognition and Measurement* for annual reporting periods beginning on or after 1 January 2018, bringing together all three aspects of the accounting for financial instruments: classification and measurement; impairment; and hedge accounting.

The Shire applied AASB 9 prospectively, with an initial application date of 1 July 2018. The adoption of AASB 9 has resulted in changes in accounting policies. However, there were no adjustments to the amounts recognised in the financial statements. In accordance with AASB 9.7.2.15, the Shire has not restated the comparative information which continues to be reported under AASB 139. Differences arising from adoption have been recognised directly in accumulated surplus/(deficit).

The effect of adopting AASB 9 as at 1 July 2018 was, as follows:

	Adjustments	01 July 2018
		\$
Assets		
Trade receivables	(a),(b)	0
Total Assets		0
Total adjustments on Equity		
Accumulated surplus/(deficit)	(a),(b)	0
		0

The nature of these adjustments are described below:

(a) Classification and measurement

Under AASB 9, financial assets are subsequently measured at amortised cost, fair value through other comprehensive income (fair value through OCI) or fair value through profit or loss (fair value through P/L). The classification is based on two criteria: the Shire's business model for managing the assets; and whether the assets' contractual cash flows represent 'solely payments of principal and interest' on the principal amount outstanding.

The assessment of the Shire's business model was made as of the date of initial application, 1 July 2018. The assessment of whether contractual cash flows on financial assets are solely comprised of principal and interest was made based on the facts and circumstances as at the initial recognition of the assets.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

26. INITIAL APPLICATION OF AUSTRALIAN ACCOUNTING STANDARDS (Continued)

The classification and measurement requirements of AASB 9 did not have a significant impact on the Shire. The following are the changes in the classification of the Shire's financial assets:

- Trade receivables classified as Loans and receivables as at 30 June 2018 are held to collect contractual cash flows and give rise to cash flows representing solely payments of principal and interest. These are classified and measured as Financial assets at amortised cost beginning 1 July 2018.

- The Shire did not designate any financial assets at fair value through profit and loss.

In summary, upon the adoption of AASB 9, the Shire had the following required (or elected) reclassifications as at 1 July 2018:

AASB 139 category	AASB 139 value	AASB 9 category amortised cost	Fair value through OCI	Fair value through P/L
	\$	\$	\$	\$
Loans and receivables				
Trade receivables	1,567,328	1,567,328	0	0
	1,567,328	1,567,328	0	0

(b) Impairment

The adoption of AASB 9 has fundamentally changed the Shire's accounting for impairment losses for financial assets by replacing AASB 139's incurred loss approach with a forward-looking expected credit loss (ECL) approach. AASB 9 requires the Shire to recognise an allowance for ECLs for all financial assets not held at fair value through P/L.

Set out below is the reconciliation of the ending impairment allowances in accordance with AASB 139 to the opening loss allowances determined, in accordance with AASB 9:

	Impairment under AASB 139 as at 30 June 2018	Remeasurement	ECL under AASB 9 as at 01 July 2018
	\$	\$	\$
Loans and receivables under AASB 139 / Financial assets at amortised cost under AASB 9	130,624	0	130,624
	130,624	0	130,624

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

27. NEW ACCOUNTING STANDARDS AND INTERPRETATIONS FOR APPLICATION IN FUTURE YEARS

The AASB has issued a number of new and amended Accounting Standards and Interpretations that have mandatory application dates for future reporting periods, some of which are relevant to the Shire.

This note explains management's assessment of the new and amended pronouncements that are relevant to the Shire, the impact of the adoption of AASB 15 *Revenue from Contracts with Customers*, AASB 16 *Leases* and AASB 1058 *Income for Not-for-Profit Entities*. These standards are applicable to future reporting periods and have not yet been adopted.

(a) Revenue from Contracts with Customers

The Shire will adopt AASB 15 *Revenue from Contracts with Customers* (issued December 2014) on 1 July 2019 resulting in changes in accounting policies. In accordance with the transition provisions AASB 15, the Shire will adopt the new rules retrospectively with the cumulative effect of initially applying these rules recognised on 1 July 2019. In summary the following adjustments are expected to be made to the amounts recognised in the balance sheet at the date of initial application (1 July 2019):

	AASB 118 carrying amount		AASB 15 carrying amount
Note	30 June 2019	Reclassification	01 July 2019
	\$	\$	\$
Contract liabilities - current			
Unspent grants, contributions and reimbursements	0	857,367	857,367
Developer contributions	0	1,232,907	1,232,907
Contract liabilities non-current			
Developer contributions	0	325,635	325,635
Cash in lieu of parking	0	218,755	218,755
Adjustment to retained surplus from adoption of AASB 15	27(d)	0	(2,634,664)

(b) Leases

The Shire adopted AASB 16 prospectively from 1 July 2019 which resulted in changes in accounting policies. In accordance with the transition provisions of AASB 16, the Shire has applied this Standard to its leases prospectively, with any cumulative effect of initially applying AASB 16 recognised on 1 July 2019. In applying the AASB 16 under the specific transition provisions chosen, the Shire will not restate comparatives for prior reporting periods.

On adoption of AASB 16, the Shire will not recognise a right-of-use asset in relation to leases previously classified as operating leases under AASB 117 as all leases have a term of less than 12 months. Therefore the net impact on retained earnings on 1 July 2019 will be \$nil.

On adoption of AASB 16 *Leases* (issued February 2016), for leases which had previously been classified as 'operating leases' when applying AASB 117, the Shire is not required to make any adjustments on transition for leases for which the underlying asset is of low value. Assets for which the fair value as at the date of acquisition is under \$5,000 are not recognised as an asset in accordance with Financial Management Regulation 17A (5).

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

27. NEW ACCOUNTING STANDARDS AND INTERPRETATIONS FOR APPLICATION IN FUTURE YEARS (Continued)

(c) Income For Not-For-Profit Entities

The Shire will adopt AASB 1058 *Income for Not-for-Profit Entities* (issued December 2016) on 1 July 2019 which will not result in changes in accounting policies. In accordance with the transition provisions AASB 1058, the Shire will not adopt the new rules retrospectively with the cumulative effect of initially applying AASB 1058 recognised at 1 July 2019. Comparative information for prior reporting periods shall not be restated in accordance with AASB 1058 transition requirements.

In applying AASB 1058 retrospectively with the cumulative effect of initially applying the Standard on 1 July 2019 no change will occur to the following financial statement line items by application of AASB 1058 as compared to AASB 1004 Contributions before the change:

	AASB 1004 carrying amount		AASB 1058 carrying amount
Note	30 June 2019	Reclassification	01 July 2019
	\$	\$	\$
Trade and other payables	7,495,460	0	7,495,460

Prepaid rates are, until the taxable event for the rates has occurred, refundable at the request of the ratepayer. Therefore the rates received in advance give rise to a financial liability that is within the scope of AASB 9. In accordance with the Shire's current accounting policies, prepaid rates have been recognised as a liability as at 30 June 2019. Therefore, the initial application of AASB 1058 Income for Not-for-Profit Entities on 1 July 2019 will not have an impact on the recognition and classification of prepaid rates.

Assets that were acquired for consideration, that were significantly less than fair value principally to enable the Shire to further its objectives, may have been measured on initial recognition under other Australian Accounting Standards at a cost that was significantly less than fair value. Such assets are not required to be remeasured at fair value.

Volunteer Services in relation to Volunteer Fire Services will not be recognised in revenue and expenditure as the fair value of the services can't be reliably estimated.

(d) Impact of changes to Retained Surplus

The impact on the Shire of the changes as at 1 July 2019 is as follows:

	Note	Adjustments	2019
			\$
Retained surplus - 30 June 2019			127,524,101
Adjustment to retained surplus from adoption of AASB 15	27(a)	(2,634,664)	
Adjustment to retained surplus from adoption of AASB 16	27(b)	0	
Adjustment to retained surplus from adoption of AASB 1058	27(c)	0	(2,634,664)
Retained surplus - 01 July 2019			124,889,437

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

28. OTHER SIGNIFICANT ACCOUNTING POLICIES

a) Goods and services tax (GST)

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO).

Receivables and payables are stated inclusive of GST receivable or payable. The net amount of GST recoverable from, or payable to, the ATO is included with receivables or payables in the statement of financial position.

Cash flows are presented on a gross basis. The GST components of cash flows arising from investing or financing activities which are recoverable from, or payable to, the ATO are presented as operating cash flows.

b) Current and non-current classification

The asset or liability is classified as current if it is expected to be settled within the next 12 months, being the Shire's operational cycle. In the case of liabilities where the Shire does not have the unconditional right to defer settlement beyond 12 months, such as vested long service leave, the liability is classified as current even if not expected to be settled within the next 12 months. Inventories held for trading are classified as current or non-current based on the Shire's intentions to release for sale.

c) Rounding off figures

All figures shown in this annual financial report, other than a rate in the dollar, are rounded to the nearest dollar. Amounts are presented in Australian Dollars.

d) Comparative figures

Where required, comparative figures have been adjusted to conform with changes in presentation for the current financial year.

When the Shire applies an accounting policy retrospectively, makes a retrospective restatement or reclassifies items in its financial statements that has a material effect on the statement of financial position, an additional (third) statement of financial position as at the beginning of the preceding period in addition to the minimum comparative financial statements is presented.

e) Budget comparative figures

Unless otherwise stated, the budget comparative figures shown in this annual financial report relate to the original budget estimate for the relevant item of disclosure.

f) Superannuation

The Shire contributes to a number of Superannuation Funds on behalf of employees. All funds to which the Shire contributes are defined contribution plans.

g) Fair value of assets and liabilities

Fair value is the price that the Shire would receive to sell the asset or would have to pay to transfer a liability, in an orderly (i.e. unforced) transaction between independent, knowledgeable and willing market participants at the measurement date.

As fair value is a market-based measure, the closest equivalent observable market pricing information is used to determine fair value. Adjustments to market values may be made having regard to the characteristics of the specific asset or liability. The fair values of assets that are not traded in an active market are determined using one or more valuation techniques. Those valuation techniques maximise, to the extent possible, the use of observable market data.

To the extent possible, market information is extracted from either the principal market for the asset or liability (i.e. the market with the greatest volume and level of activity for the asset or liability) or, in the absence of such a market, the most advantageous market available to the entity at the end of the reporting period (i.e. the market that maximises the receipts from the sale of the asset after taking into account transaction costs and transport costs).

For non-financial assets, the fair value measurement also takes into account a market participant's ability to use the asset in its highest and best use or to sell it to another market participant that would use the asset in its highest and best use.

h) Fair value hierarchy

AASB 13 requires the disclosure of fair value information by level of the fair value hierarchy, which categorises fair value measurement into one of three possible levels based on the lowest level that an input that is significant to the measurement can be categorised into as follows:

Level 1

Measurements based on quoted prices (unadjusted) in active markets for identical assets or liabilities that the entity can access at the measurement date.

Level 2

Measurements based on inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly.

Level 3

Measurements based on unobservable inputs for the asset or liability.

The fair values of assets and liabilities that are not traded in an active market are determined using one or more valuation techniques. These valuation techniques maximise, to the extent possible, the use of observable market data. If all significant inputs required to measure fair value are observable, the asset or liability is included in Level 2. If one or more significant inputs are not based on observable market data, the asset or liability is included in Level 3.

Valuation techniques

The Shire selects a valuation technique that is appropriate in the circumstances and for which sufficient data is available to measure fair value. The availability of sufficient and relevant data primarily depends on the specific characteristics of the asset or liability being measured. The valuation techniques selected by the Shire are consistent with one or more of the following valuation approaches.

Market approach

Valuation techniques that use prices and other relevant information generated by market transactions for identical or similar assets or liabilities.

Income approach

Valuation techniques that convert estimated future cash flows or income and expenses into a single discounted present value.

Cost approach

Valuation techniques that reflect the current replacement cost of the service capacity of an asset.

Each valuation technique requires inputs that reflect the assumptions that buyers and sellers would use when pricing the asset or liability, including assumptions about risks. When selecting a valuation technique, the Shire gives priority to those techniques that maximise the use of observable inputs and minimise the use of unobservable inputs. Inputs that are developed using market data (such as publicly available information on actual transactions) and reflect the assumptions that buyers and sellers would generally use when pricing the asset or liability are considered observable, whereas inputs for which market data is not available and therefore are developed using the best information available about such assumptions are considered unobservable.

i) Impairment of assets

In accordance with Australian Accounting Standards the Shire's cash generating non-specialised assets, other than inventories, are assessed at each reporting date to determine whether there is any indication they may be impaired.

Where such an indication exists, an impairment test is carried out on the asset by comparing the recoverable amount of the asset, being the higher of the asset's fair value less costs to sell and value in use, to the asset's carrying amount.

Any excess of the asset's carrying amount over its recoverable amount is recognised immediately in profit or loss, unless the asset is carried at a revalued amount in accordance with another Standard (e.g. AASB 116) whereby any impairment loss of a revalued asset is treated as a revaluation decrease in accordance with that other Standard.

For non-cash generating specialised assets that are measured under the revaluation model, such as roads, drains, public buildings and the like, no annual assessment of impairment is required. Rather AASB 116.31 applies and revaluations need only be made with sufficient regulatory to ensure the carrying value does not differ materially from that which would be determined using fair value at the ends of the reporting period.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

29. ACTIVITIES/PROGRAMS

Shire operations as disclosed in these financial statements encompass the following service orientated activities/programs.

PROGRAM NAME AND OBJECTIVES

GOVERNANCE

To provide a decision making process for the efficient allocation of scarce resources.

ACTIVITIES

Administration and operation of facilities and services to members of council; other costs that relate to the tasks of assisting elected members and ratepayers on matters which do not concern specific council services.

GENERAL PURPOSE FUNDING

To collect revenue to allow provision of services.

Rates, general purpose government grants and interest revenue.

LAW, ORDER, PUBLIC SAFETY

To provide services to help ensure a safer and environmentally conscious community.

Supervision of various by-laws, fire prevention, emergency services and animal control.

HEALTH

To provide an operational framework for environmental and community health.

Food quality, eating house inspection, pest control and child health clinics.

EDUCATION AND WELFARE

To provide services to disadvantaged persons, the elderly, children and youth.

Facilities for senior citizens aged care, infant, day care centres, pre-school; assistance to play group and other community services and development activities.

HOUSING

To provide and maintain staff housing.

Provision of staff housing.

COMMUNITY AMENITIES

To provide services required by the community.

Rubbish collection services, tip operation, administration of the town planning scheme, maintenance of cemeteries, storm water drainage maintenance, sanitation maintenance and environmental protection.

RECREATION AND CULTURE

To establish and effectively manage infrastructure and resource which will help the social being of the community.

Operation/maintenance of halls, Broome Recreation and Aquatic Centre (BRAC), various parks and reserves, beaches, library, museum and other cultural activities.

TRANSPORT

To provide safe, effective and efficient transport services to the community.

Construction and maintenance of streets, roads, bridges, footpaths and street lighting.

ECONOMIC SERVICES

To help promote the Council's economic well being.

The regulation and provision of tourism facilities, area promotion and building control.

OTHER PROPERTY AND SERVICES

To monitor and control Council's overheads operating accounts.

Private works and provision of unclassified civic building facilities. General Administration support for Council's operations, allocated to other functions. Engineering, works and parks and gardens management, allocated to construction and maintenance jobs. Plant and depot operation and maintenance, allocated to construction and maintenance jobs.

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

FOR THE YEAR ENDED 30 JUNE 2019

30. FINANCIAL RATIOS

	2019 Actual	2018 Actual	2017 Actual
Current ratio	1.12	1.84	1.61
Asset consumption ratio	0.86	0.88	0.71
Asset renewal funding ratio	1.05	1.37	1.17
Asset sustainability ratio	1.50	0.22	0.66
Debt service cover ratio	8.63	11.86	8.50
Operating surplus ratio	(0.11)	(0.13)	(0.12)
Own source revenue coverage ratio	0.82	0.81	0.78

The above ratios are calculated as follows:

Current ratio	$\frac{\text{current assets minus restricted assets}}{\text{current liabilities minus liabilities associated with restricted assets}}$
Asset consumption ratio	$\frac{\text{depreciated replacement costs of depreciable assets}}{\text{current replacement cost of depreciable assets}}$
Asset renewal funding ratio	$\frac{\text{NPV of planned capital renewal over 10 years}}{\text{NPV of required capital expenditure over 10 years}}$
Asset sustainability ratio	$\frac{\text{capital renewal and replacement expenditure}}{\text{depreciation}}$
Debt service cover ratio	$\frac{\text{annual operating surplus before interest and depreciation}}{\text{principal and interest}}$
Operating surplus ratio	$\frac{\text{operating revenue minus operating expenses}}{\text{own source operating revenue}}$
Own source revenue coverage ratio	$\frac{\text{own source operating revenue}}{\text{operating expense}}$

TRANSMITTAL LETTER TO CEO

FOR THE YEAR ENDED 30 JUNE 2019



Our Ref: 8250

Mr Sam Mastrolembo
Chief Executive Officer
Shire of Broome
PO Box 44
BROOME WA 6725



7th Floor, Albert Facey House
469 Wellington Street, Perth

Mail to: Perth BC
PO Box 8489
PERTH WA 6849

Tel: (08) 6557 7500
Fax: (08) 6557 7600
Email: info@audit.wa.gov.au

Dear Mr Mastrolembo

ANNUAL FINANCIAL REPORT FOR THE YEAR ENDED 30 JUNE 2019

The Office has completed the audit of the annual financial report for your Shire. In accordance with section 7.12AD (2) of the *Local Government Act 1995*, we enclose the Auditor General's auditor's report, together with the audited annual financial report.

We have also forwarded the reports to the President and the Minister for Local Government, as required by the Act. You are required to publish the annual report, including the auditor's report and the audited financial report, on your Shire's official website within 14 days after the annual report has been accepted by your Council.

The result of the audit was satisfactory. Please note that the purpose of our audit was to express an opinion on the financial report. The audit included consideration of internal control relevant to the preparation of the financial report in order to design audit procedures that were appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of internal control.

An audit is not designed to identify all internal control deficiencies that may require management attention. It is possible that irregularities and deficiencies may have occurred and not been identified as a result of our audit.

This letter has been provided for the purposes of the Shire and the Minister for Local Government and may not be suitable for other purposes.

I would like to take this opportunity to thank you, the management and the staff of the Shire for their cooperation with the audit team during our audit.

Feel free to contact me on 6557 7525 if you would like to discuss these matters further.

Yours faithfully

KELLIE TONICH
SENIOR DIRECTOR
FINANCIAL AUDIT
9 October 2019

Attach

INDEPENDENT AUDIT REPORT

FOR THE YEAR ENDED 30 JUNE 2019



Auditor General

INDEPENDENT AUDITOR'S REPORT

To the Councillors of the Shire of Broome

Report on the Audit of the Financial Report

Opinion

I have audited the annual financial report of the Shire of Broome which comprises the Statement of Financial Position as at 30 June 2019, the Statement of Comprehensive Income by Nature or Type, Statement of Comprehensive Income by Program, Statement of Changes in Equity, Statement of Cash Flows and Rate Setting Statement for the year then ended, and notes comprising a summary of significant accounting policies and other explanatory information, and the Statement by the Chief Executive Officer.

In my opinion the annual financial report of the Shire of Broome:

- (i) is based on proper accounts and records; and
- (ii) fairly represents, in all material respects, the results of the operations of the Shire for the year ended 30 June 2019 and its financial position at the end of that period in accordance with the *Local Government Act 1995* (the Act) and, to the extent that they are not inconsistent with the Act, Australian Accounting Standards.

Basis for Opinion

I conducted my audit in accordance with Australian Auditing Standards. My responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Report* section of my report. I am independent of the Shire in accordance with the *Auditor General Act 2006* and the relevant ethical requirements of the Accounting Professional and Ethical Standards Board's APES 110 *Code of Ethics for Professional Accountants* (the Code) that are relevant to my audit of the financial report. I have also fulfilled my other ethical responsibilities in accordance with the Code. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

Emphasis of Matter – Basis of Accounting

I draw attention to Note 1 to the financial report, which describes the basis of accounting. The financial report has been prepared for the purpose of fulfilling the Shire's financial reporting responsibilities under the Act. Regulation 16 of the Local Government (Financial Management) Regulations 1996 (Regulations), does not allow a local government to recognise some categories of land, including land under roads, as assets in the annual financial report. My opinion is not modified in respect of this matter.

Responsibilities of the Chief Executive Officer and Council for the Financial Report

The Chief Executive Officer (CEO) of the Shire is responsible for the preparation and fair presentation of the annual financial report in accordance with the requirements of the Act, the Regulations and, to the extent that they are not inconsistent with the Act, Australian Accounting Standards. The CEO is also responsible for such internal control as the CEO determines is necessary to enable the preparation of a financial report that is free from material misstatement, whether due to fraud or error.

INDEPENDENT AUDIT REPORT

FOR THE YEAR ENDED 30 JUNE 2019

In preparing the financial report, the CEO is responsible for assessing the Shire's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the State government has made decisions affecting the continued existence of the Shire.

The Council is responsible for overseeing the Shire's financial reporting process.

Auditor's Responsibility for the Audit of the Financial Report

The objectives of my audit are to obtain reasonable assurance about whether the financial report as a whole is free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes my opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Australian Auditing Standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of the financial report.

As part of an audit in accordance with Australian Auditing Standards, I exercise professional judgment and maintain professional scepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial report, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Shire's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the CEO.
- Conclude on the appropriateness of the CEO's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Shire's ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial report or, if such disclosures are inadequate, to modify my opinion. My conclusions are based on the audit evidence obtained up to the date of my auditor's report, as we cannot predict future events or conditions that may have an impact.
- Evaluate the overall presentation, structure and content of the financial report, including the disclosures, and whether the financial report represents the underlying transactions and events in a manner that achieves fair presentation.

I communicate with the Council and the CEO regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

INDEPENDENT AUDIT REPORT

FOR THE YEAR ENDED 30 JUNE 2019

Report on Other Legal and Regulatory Requirements

In accordance with the Local Government (Audit) Regulations 1996 I report that:

- (i) In my opinion, the following material matter indicate significant adverse trends in the financial position of the Shire:
 - a. The Operating Surplus Ratio has been below the Department of Local Government, Sport and Cultural Industries standard for the past 3 years.
- (ii) All required information and explanations were obtained by me.
- (iii) All audit procedures were satisfactorily completed.
- (iv) In my opinion, the asset consumption ratio and the asset renewal funding ratio included in the annual financial report were supported by verifiable information and reasonable assumptions.

Other Matter

The financial report of the Shire for the year ended 30 June 2018 was audited by another auditor who expressed an unmodified opinion on that financial report. The financial ratios for 2017 and 2018 in Note 30 of the audited financial report were included in the supplementary information and/or audited financial report for those years.

Matters Relating to the Electronic Publication of the Audited Financial Report

This auditor's report relates to the annual financial report of the Shire of Broome for the year ended 30 June 2019 included on the Shire's website. The Shire's management is responsible for the integrity of the Shire's website. This audit does not provide assurance on the integrity of the Shire's website. The auditor's report refers only to the financial report described above. It does not provide an opinion on any other information which may have been hyperlinked to/from this financial report. If users of the financial report are concerned with the inherent risks arising from publication on a website, they are advised to refer to the hard copy of the audited financial report to confirm the information contained in this website version of the financial report.


PATRICK ARULSINGHAM
ACTING ASSISTANT AUDITOR GENERAL FINANCIAL AUDIT
Delegate of the Auditor General for Western Australia
Perth, Western Australia
9 October 2019





FEEDBACK

If you have a comment or questions
about the Annual Report here's
how to contact us

Web: www.broome.wa.gov.au

Email: shire@broome.wa.gov.au

Telephone: **08 9191 3456**

9.4.4 MONTHLY PAYMENT LISTING - OCTOBER 2019

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	FRE02
AUTHOR:	Coordinator Financial Operations
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	7 November 2019

SUMMARY: This report recommends that Council receives the list of payments made under delegated authority, as per the attachment to this report, for the month of October 2019.

COMMENT

The Chief Executive Officer (CEO) has delegated authority to make payments from the Municipal and Trust funds in accordance with budget allocations.

The Shire provides payments to suppliers by either Electronic Funds Transfer (EFT & BPAY), cheque, credit card or direct debit.

Attached is a list of all payments processed under delegated authority during the month of October 2019.

CONSULTATION

Nil.

STATUTORY ENVIRONMENT***Local Government (Financial Management) Regulations 1996***

13. *Payments from municipal fund or trust fund by CEO, CEO's duties as to etc.*
 - (1) *If the local government has delegated to the CEO the exercise of its power to make payments from the municipal fund or the trust fund, a list of accounts paid by the CEO is to be prepared each month showing for each account paid since the last such list was prepared —*
 - (a) *the payee's name;*
 - (b) *the amount of the payment; and*
 - (c) *the date of the payment; and*
 - (d) *sufficient information to identify the transaction.*
 - (2) *A list of accounts for approval to be paid is to be prepared each month showing —*
 - (a) *for each account which requires council authorisation in that month —*
 - (i) *the payee's name; and*
 - (ii) *the amount of the payment; and*
 - (iii) *sufficient information to identify the transaction; and*
 - (b) *the date of the meeting of the council to which the list is to be presented.*

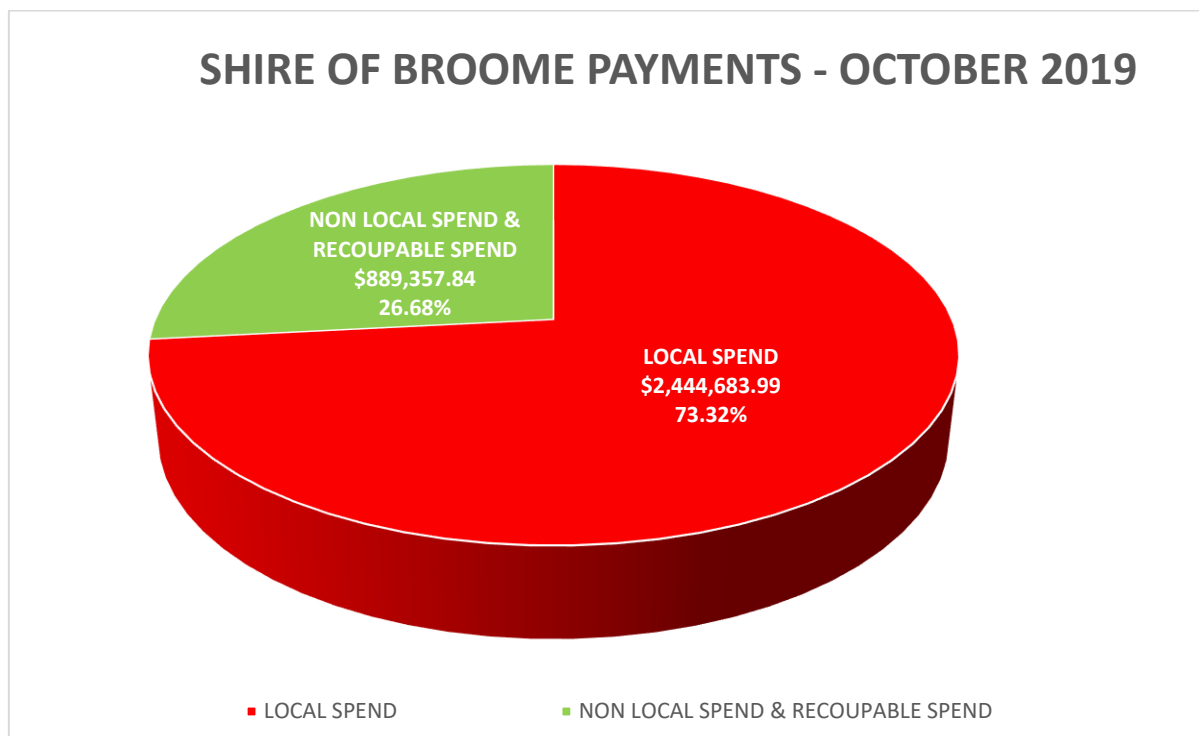
- (3) A list prepared under sub regulation (1) or (2) is to be —
- (a) presented to the council at the next ordinary meeting of the council after the list is prepared; and
 - (b) recorded in the minutes of that meeting.

POLICY IMPLICATIONS

Nil.

FINANCIAL IMPLICATIONS

List of payments made in accordance with budget and delegated authority. Payments can also be analysed as follows:



The above graph shows the percentage of local spend in comparison to non-local and recoupable spend for the month of October 2019 after \$1,157,058.54 in personnel payments, \$844,531.55 in utilities and other non-local sole suppliers have been excluded.

RISK

The risk of Council not adopting this report is extreme as this will result in non-compliance with Regulation 13 of the *Local Government (Financial Management) Regulations 1996*.

The likelihood of this ever occurring is rare due to the CEO's implementation of procedures to ensure payment details are disclosed to Council in a timely manner, as well as Procurement and Purchasing policies which ensure these payments are made in accordance with budget and delegated authority and comply with *Local Government (Financial Management) Regulations 1996*.

STRATEGIC IMPLICATIONS

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

An organisational culture that strives for service excellence

Responsible resource allocation

Effective community engagement

Improved systems, processes and compliance

VOTING REQUIREMENTS

Simple Majority

**COUNCIL RESOLUTION:
(REPORT RECOMMENDATION)**

Moved: Cr D Male

Seconded: Cr B Rudeforth

That Council:

- 1. Receives the list of payments made from the Municipal and Trust Accounts in October 2019 totalling \$5,335,631.92 (Attachment 1) in accordance with the requirements of Regulation 12 of the Local Government (Financial Management) Regulations 1996 covering:**
 - a. EFT Vouchers 53076 - 53534 totalling \$5,165,234.40;**
 - b. Municipal Cheque Vouchers 57615 – 57619 totalling \$1,390.65;**
 - c. Trust Cheque Vouchers 000 – 000 totalling \$0.00; and**
 - d. Credit Card Payments and Municipal Direct Debits DD27119.1 - DD27192.4 totalling \$169,006.87.**
- 2. Notes the local spend of \$2,444,683.99 included in the amount above, equating to 73.32% of total payments excluding personnel, utility and other external sole supplier costs.**

CARRIED UNANIMOUSLY 7/0

Attachments

1. Monthly Payment October 2019
2. Local Spend Payment Listing October 2019

Management Regulation 12.

Each payment must show on a list the payees name, the amount of the payment, the date of the payment and sufficient information to identify the transaction.

This report incorporates the Delegation of Authority (Administration Regulation 19)

PAYMENTS BY EFT & CHEQUE & FROM TRUST - OCTOBER 2019					
MUNICIPAL & TRUST ELECTRONIC TRANSFER - OCTOBER 2019					
EFT	Date	Name	Description	Amount	DEL AUTH
EFT53076	01/10/2019	BROOME FIRST NATIONAL REAL ESTATE	Staff rent- October Rent 2019	\$ 6,801.40	MFS
EFT53077	01/10/2019	HUTCHINSON REAL ESTATE	Staff rent- October Rent 2019	\$ 6,300.60	MFS
EFT53078	01/10/2019	KATHRYN KIMBER & GRANT ASTLES	Staff rent- October Rent 2019	\$ 2,824.40	MFS
EFT53079	01/10/2019	PRD NATIONWIDE	Staff rent- October Rent 2019	\$ 5,317.81	MFS
EFT53080	01/10/2019	RAY WHITE BROOME	Staff rent- October Rent 2019	\$ 7,852.03	MFS
EFT53081	01/10/2019	REALMARK BROOME	Staff rent- October Rent 2019	\$ 3,910.71	MFS
EFT53082	01/10/2019	RICHARD & SUSAN BARTLETT & THOMAS	Staff rent- October Rent 2019	\$ 2,607.14	MFS
EFT53083	01/10/2019	ROGER STUART HOCKEY	Staff rent- October Rent 2019	\$ 1,520.83	MFS
EFT53092	01/10/2019	BRUCE RUDEFORTH	Councillor sitting fee October 19	\$ 1,014.82	MFS
EFT53093	01/10/2019	CATHERINE AGNES FAIRLEY MARRIOTT	Councillor sitting fee October 19	\$ 507.41	MFS
EFT53094	01/10/2019	CHRISTOPHER RALPH MITCHELL	Councillor sitting fee October 19	\$ 1,014.82	MFS
EFT53095	01/10/2019	DESIREE MAGDOLNA MALE	Councillor sitting fee October 19	\$ 2,737.67	MFS
EFT53096	01/10/2019	ELSTA REGINA FOY	Councillor sitting fee October 19	\$ 1,747.75	MFS
EFT53097	01/10/2019	HAROLD NORMAN TRACEY	Councillor sitting fee October 19	\$ 6,202.16	MFS
EFT53098	01/10/2019	MALA PREM-OCEAN SKY FAIRBORN	Councillor sitting fee October 19	\$ 1,014.82	MFS
EFT53099	01/10/2019	PHILIP FRANCIS MATSUMOTO	Councillor sitting fee October 19	\$ 1,747.75	MFS
EFT53100	02/10/2019	ALLVOLTS POWER SOLUTIONS PTY LTD	Replacement battery- All Terrain Vehicle 4WD	\$ 174.83	MFS
EFT53101	02/10/2019	AUSRECORD PTY LTD	Tube clip bases- IT	\$ 99.00	MFS
EFT53102	02/10/2019	AUSTRALIAN RAMP AND ACCESS SOLUTIONS	Access Ramp- Shekki Lane	\$ 15,613.00	MFS
EFT53103	02/10/2019	AVERY AIRCONDITIONING PTY LTD	Replace squash aircon claim 3(RFQ19/16)- BRAC	\$ 16,498.67	MFS
EFT53104	02/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Consumables- BRAC	\$ 465.24	MFS
EFT53105	02/10/2019	BK SIGNS (HALLIDAY ENTERPRISES PTY LTD)	Temporary staff- Rangers	\$ 550.00	MFS
EFT53106	02/10/2019	BROOME BUILDERS PTY LTD	Install strikers to two doors- Library	\$ 230.00	MFS
EFT53107	02/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Various Hose and parts- Pave line Versa patch Asphalt	\$ 310.90	MFS
EFT53108	02/10/2019	BROOME SURF LIFE SAVING CLUB INC	Venue hire- Broome Family Christmas Event	\$ 2,000.00	MFS
EFT53109	02/10/2019	CABLE BEACH ELECTRICAL SERVICE	Install RCD's- Dakas Reserve	\$ 247.50	MFS
EFT53110	02/10/2019	CARPET PAINT & TILE CENTRE	Cement leveller- Tomarito Park	\$ 98.01	MFS
EFT53111	02/10/2019	CHE TOURING	Accommodation- Wendy Mathews performance	\$ 1,100.00	MFS
EFT53112	02/10/2019	CLEANAWAY INDUSTRIES PTY LTD (BROOME TOXFREE)	Waste collection (RFT14/01)- Kerbside Refuse Collection	\$ 103,073.55	MFS
EFT53113	02/10/2019	COAST & COUNTRY ELECTRICS	Electrical repairs- Bowling Club	\$ 572.00	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53114	02/10/2019	COATES HIRE OPERATIONS PTY LTD	Lighting tower hire- Festival & Events	\$ 214.75	MFS
EFT53115	02/10/2019	CUTTING EDGES REPLACEMENT PARTS PTY LTD	Grader blades- Various	\$ 1,317.19	MFS
EFT53116	02/10/2019	DEPARTMENT OF AGRICULTURE & FOOD	Quarantine- Nursery	\$ 67.50	MFS
EFT53117	02/10/2019	FIELD AIR CONDITIONING & AUTO ELECTRICAL PTY LTD	Repairs- Loader Komatsu	\$ 723.10	MFS
EFT53118	02/10/2019	HOLDFAST FLUID POWER NW PTY LTD	Hose and fittings- Pave line Versa patch Asphalt	\$ 153.02	MFS
EFT53119	02/10/2019	JAKO INDUSTRIES PTY LTD	Renew air-condition claim no.5 (RFT18/07)- KRO1	\$ 107,767.00	MFS
EFT53120	02/10/2019	KIMBERLEY GOLD PURE DRINKING WATER	Water cooler- Civic centre	\$ 132.00	MFS
EFT53121	02/10/2019	KIMBERLEY SIGNS & DESIGNS	Signs- BRAC	\$ 489.50	MFS
EFT53122	02/10/2019	KO CONTRACTING	Holding Lines at roundabouts- Lorikeet Drive	\$ 1,287.00	MFS
EFT53123	02/10/2019	KOOLJAMAN AT CAPE LEVEQUE	Accommodation- Health	\$ 339.00	MFS
EFT53124	02/10/2019	LGIS WA	Workforce risk forum- Organisational Training	\$ 209.00	MFS
EFT53125	02/10/2019	LO-GO APPOINTMENTS	Temporary staff- Health	\$ 5,342.04	MFS
EFT53126	02/10/2019	LOCAL HEALTH AUTHORITIES ANALYTICAL COMMITTEE	Analytical services- Health	\$ 4,295.38	MFS
EFT53127	02/10/2019	NYAMBA BURU YAWURU LTD	Consultant- Archaeological heritage survey	\$ 3,496.10	MFS
EFT53128	02/10/2019	OFFICE NATIONAL BROOME	Copy charges- IT	\$ 432.92	MFS
EFT53129	02/10/2019	RAECO	Trolley picture racks- Library	\$ 4,089.05	MFS
EFT53130	02/10/2019	ROADLINE CIVIL CONTRACTORS	Dry hire of multi roller- Youth Bike Recreation Area	\$ 1,925.00	MFS
EFT53131	02/10/2019	ROEBUCK BAY CLEANING	Cleaning- Johnny Chi Lane	\$ 165.00	MFS
EFT53132	02/10/2019	ROLE MODELS AND LEADERS T/A BROOME GIRLS ACADEMY	2018/19 Annual Community Sponsorship- Academy Awards BGA	\$ 2,750.00	MFS
EFT53133	02/10/2019	SECUREPAY PTY LTD	Web payments- Civic Centre	\$ 53.91	MFS
EFT53134	02/10/2019	ST CATHERINE'S COLLEGE INC.	Accommodation- Organisational Training	\$ 1,000.00	MFS
EFT53135	02/10/2019	TALIS CONSULTANTS	Consultants (RFQ18/03)- Wandrra damage assessment	\$ 4,339.50	MFS
EFT53136	02/10/2019	TANYA RANSOM	Purchase copies of CDs- Library	\$ 80.00	MFS
EFT53137	02/10/2019	TERRITORY RURAL BROOME	Chemicals- P&G	\$ 2,555.84	MFS
EFT53138	02/10/2019	THE FACTORY (AUSTRALIA) PTY LTD	Street light decorations 50% (RFQ19/73)- Christmas decorations	\$ 13,750.00	MFS
EFT53139	02/10/2019	THOMSON REUTERS (PROFESSIONAL) AUSTRALIA LTD	E Recruitment Solutions- IT	\$ 4,086.20	MFS
EFT53140	02/10/2019	TOTALLY WORKWEAR	PPE /Uniform- Waste Facility Operations	\$ 706.80	MFS
EFT53141	02/10/2019	UPTUYU ADVENTURES	Development Conference Oongkalkada Wilderness Camp	\$ 5,025.00	MFS
EFT53142	02/10/2019	WEST AUSTRALIAN NEWSPAPERS	Advertising- Media	\$ 3,642.00	MFS
EFT53143	02/10/2019	ANNETTE JOORIS	Study reimbursement- HR	\$ 146.40	MFS
EFT53144	02/10/2019	HORIZON POWER (ELECTRICITY USAGE)	Electricity Charges- Sibosado	\$ 6,367.45	MFS
EFT53145	02/10/2019	SALVATORE CONSTANTINO MASTROLEMBO	Reimbursement- Office of the CEO	\$ 222.48	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53147	03/10/2019	ALLVOLTS POWER SOLUTIONS PTY LTD	Truck Master- Water Truck Hino 500 Series	\$ 682.66	MFS
EFT53148	03/10/2019	AMPAC DEBT RECOVERY WA PTY LTD	Debt collection (RFQ17/48)- Rates and Sundry Debt Collection	\$ 16.50	MFS
EFT53149	03/10/2019	ANSER GROUP PTY LTD	Conduct lighting simulation- Short Street Roundabout	\$ 2,090.00	MFS
EFT53150	03/10/2019	ARTISTRALIA	Copyright for screening- Casablanca	\$ 165.00	MFS
EFT53151	03/10/2019	AVERY AIRCONDITIONING PTY LTD	Degassing of fridges- WMF	\$ 1,985.50	MFS
EFT53152	03/10/2019	BMT CONSTRUCTIONS	Construction work- BRAC	\$ 971.30	MFS
EFT53153	03/10/2019	BROOME DOCTORS PRACTICE PTY LTD	Pre-employment medical- Recruitment Expenses	\$ 1,379.00	MFS
EFT53154	03/10/2019	BROOME SMALL MAINTENANCE SERVICES	Install defib cabinet- Medland Pavilion	\$ 203.50	MFS
EFT53155	03/10/2019	BROOMES PARTIES WEDDINGS ANYTHING	Catering- Marnja Jarndu community event	\$ 425.00	MFS
EFT53156	03/10/2019	COAST & COUNTRY ELECTRICS	Rectification of wiring- BRAC oval lights	\$ 49,478.94	MFS
EFT53157	03/10/2019	COASTAL DISTRIBUTING & PROVEDORING (CDP)	Ice cream stock- BRAC	\$ 855.60	MFS
EFT53158	03/10/2019	COATES HIRE OPERATIONS PTY LTD	Equipment hire- BRAC	\$ 1,444.23	MFS
EFT53159	03/10/2019	DEPARTMENT OF AGRICULTURE & FOOD (DEPARTMENT OF PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT DPIRD) - AGRICULTURE DIVISION	Plant quarantine- Nursery	\$ 65.00	MFS
EFT53160	03/10/2019	EIGHTY MILE BEACH CARAVAN PARK	Accommodation- Health officers inspection	\$ 380.00	MFS
EFT53161	03/10/2019	FIRE & SAFETY SERVICES	Fire extinguishers- Depot	\$ 203.50	MFS
EFT53162	03/10/2019	FORPARK AUSTRALIA	Parts- Cable Beach	\$ 154.00	MFS
EFT53163	03/10/2019	GOOD EARTH GARDEN PRODUCTS PTY LTD	Potting mix- Nursery	\$ 709.50	MFS
EFT53164	03/10/2019	HART SPORT	Yoga program- BRAC	\$ 287.90	MFS
EFT53165	03/10/2019	HORIZON POWER (ELECTRICITY USAGE)	Electricity charges- BRAC	\$ 14,768.35	MFS
EFT53166	03/10/2019	KIMBERLEY FUEL & OIL SERVICES	Hydraulic Oil- Workshop	\$ 440.00	MFS
EFT53167	03/10/2019	KIMBERLEY SIGNS & DESIGNS	Pool signage- BRAC	\$ 258.50	MFS
EFT53168	03/10/2019	KIMBERLEY WASHROOM SERVICES	Washroom service- Various	\$ 800.00	MFS
EFT53169	03/10/2019	OFFICE NATIONAL BROOME	Copier charges- IT	\$ 377.55	MFS
EFT53170	03/10/2019	OPTEON PROPERTY GROUP PTY LTD	Valuation Services- New refuse site	\$ 9,350.00	MFS
EFT53171	03/10/2019	PEARL COAST GLASS & WINDOWS	Glass repairs- KRO1	\$ 1,078.00	MFS
EFT53172	03/10/2019	PRINTING IDEAS	Brochures- Chinatown	\$ 1,812.42	MFS
EFT53173	03/10/2019	PRITCHARD FRANCIS CONSULTING PTY LTD	Consultants- Kestrel Place Retaining Wall Design	\$ 1,061.50	MFS
EFT53174	03/10/2019	RM SURVEYS PTY LTD	Surveying- Jigal Drive	\$ 2,178.00	MFS
EFT53175	03/10/2019	ROADLINE CIVIL CONTRACTORS	Variation progress payment 8 (RFT18-05)- Town Beach Redevelopment	\$ 226,952.46	MFS
EFT53176	03/10/2019	SMS BROADCAST PTY LTD	SMS service- BRAC	\$ 660.00	MFS
EFT53177	03/10/2019	ST ANNE'S FLORIST	Flowers- HR	\$ 100.00	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53178	03/10/2019	SURF LIFE SAVING WESTERN AUSTRALIA	Lifeguard service (RFQ19-55)- Cable Beach	\$ 108,970.50	MFS
EFT53179	03/10/2019	TOTALLY WORKWEAR	Uniform- Protective Clothing & Equipment	\$ 3,861.95	MFS
EFT53180	03/10/2019	TROPICAL UPHOLSTERY	Repairs to beach wheelchair- BRAC	\$ 66.00	MFS
EFT53181	03/10/2019	VINYL CLENZ (DECKnicians)	Maintenance- Lookout	\$ 3,850.00	MFS
EFT53182	03/10/2019	WESTERN AUSTRALIAN GENEALOGICAL SOCIETY INC OPERATING AS FAMILYHISTORYWA	Institutional membership- Library	\$ 100.00	MFS
EFT53183	03/10/2019	WATER CORPORATION	Water usage & service charges- Shire various locations	\$ 37,711.57	MFS
EFT53184	03/10/2019	SHIRE OF BROOME	MONIES BEING RECEIVED FOR WATC Chinatown	\$ 806,529.30	MFS
EFT53185	04/10/2019	AVERY AIRCONDITIONING PTY LTD	Reactive maintenance repairs- Depot	\$ 657.25	MFS
EFT53186	04/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Oil- BRAC	\$ 308.65	MFS
EFT53187	04/10/2019	BROOME ALI WORKS	Repairs to storm water drain- Mangala Park	\$ 544.50	MFS
EFT53188	04/10/2019	BROOME BOLT SUPPLIES WA PTY LTD	Various nuts and bolts- Depot	\$ 180.40	MFS
EFT53189	04/10/2019	BROOME PROGRESSIVE SUPPLIES	Consumables- Civic Centre	\$ 177.88	MFS
EFT53190	04/10/2019	BROOME SCOOTERS PTY LTD (KIMBERLEY MOWERS & SPARES)	Repairs- TS800 Chainsaw	\$ 170.00	MFS
EFT53191	04/10/2019	CHE TOURING	Accommodation- Performance Production	\$ 1,280.40	MFS
EFT53192	04/10/2019	DANTHONIA DESIGNS	Broome entry sign (RFQ19/18)- Development & Community	\$ 15,944.50	MFS
EFT53193	04/10/2019	EAST TO WEST DATA & ELECTRICAL SERVICES	Genset maintenance- IT	\$ 177.10	MFS
EFT53194	04/10/2019	ELGAS LTD	15kg gas cylinder- Forklift	\$ 67.65	MFS
EFT53195	04/10/2019	FLOWERS ON SAVILLE STREET	Flowers- HR	\$ 100.00	MFS
EFT53196	04/10/2019	FORPARK AUSTRALIA	Toddler chain & link- Cable Beach	\$ 297.00	MFS
EFT53197	04/10/2019	LO-GO APPOINTMENTS	Temporary staff- Health	\$ 5,045.26	MFS
EFT53198	04/10/2019	NORTH WEST COAST SECURITY	Security- Various	\$ 15,202.00	MFS
EFT53199	04/10/2019	NORTH WEST LOCKSMITHS	Re key the kitchen door- KRO 2	\$ 125.00	MFS
EFT53200	04/10/2019	NORTH WEST STRATA SERVICES	Levies staff housing- A305686	\$ 604.00	MFS
EFT53201	04/10/2019	NYAMBA BURU YAWURU LTD	Stage 2 Fees Interp and Artwork (RFQ18/55)- Town Beach	\$ 3,513.40	MFS
EFT53202	04/10/2019	PERFEKT PTY LTD	Veeam annual basic maintenance renewal- IT	\$ 5,966.68	MFS
EFT53203	04/10/2019	PMK WELDING & METAL FABRICATION	Pre punch 30 panels- Chinatown	\$ 1,039.50	MFS
EFT53204	04/10/2019	POOL WISDOM	Chemicals (RFQ19/63)- BRAC	\$ 1,568.24	MFS
EFT53205	04/10/2019	SECURITY & TECHNOLOGY SERVICES - NORWEST	CCTV works- Chinatown	\$ 6,674.36	MFS
EFT53206	04/10/2019	TELSTRA	Phone charges- Rangers	\$ 105.00	MFS
EFT53207	04/10/2019	TERRITORY RURAL BROOME	Sprinkler gear drive- P&G	\$ 1,536.00	MFS
EFT53208	04/10/2019	TONON LEGAL PTY LTD (T/A DANIELA TONON LEGAL	Legal fee- New Refuse Site	\$ 2,970.00	MFS
EFT53209	04/10/2019	TOTALLY WORKWEAR	Uniform- Rangers	\$ 2,445.00	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53210	04/10/2019	WA HINO	Coolant- Hino	\$ 714.74	MFS
EFT53211	04/10/2019	WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION (WALGA)	Subscriptions- Office of the CEO	\$ 46,177.69	MFS
EFT53212	04/10/2019	WOOLWORTHS GROUP LIMITED (96000235)	Water SOB staff- Cape Leveque Road	\$ 27.57	MFS
EFT53213	04/10/2019	ANDRE PAUL STUYT	Reimbursement Kimberley Economic Forum- Development & Community	\$ 163.56	MFS
EFT53214	04/10/2019	MIRANDA JOHNSTONE	Late Night Ball referee PCYC- Community	\$ 100.00	MFS
EFT53215	04/10/2019	ROADLINE CIVIL CONTRACTORS	Road formation(RFT18/02)- Infrastructure	\$ 14,049.76	MFS
EFT53216	07/10/2019	MAJOR MOTORS PTY LTD	Crew truck (RFQ19/35)- Vehicle & Mob Plant Renewal	\$ 162,233.70	MFS
EFT53217	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 700.00	MFS
EFT53218	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 118,301.46	MFS
EFT53219	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 406.04	MFS
EFT53220	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 450.00	MFS
EFT53221	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 236.90	MFS
EFT53222	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 415.00	MFS
EFT53223	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 302.92	MFS
EFT53224	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 263.16	MFS
EFT53225	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 200.00	MFS
EFT53226	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 800.00	MFS
EFT53227	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 382.39	MFS
EFT53228	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 403.19	MFS
EFT53229	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 550.00	MFS
EFT53230	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 848.70	MFS
EFT53231	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 580.00	MFS
EFT53232	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 660.00	MFS
EFT53233	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,751.80	MFS
EFT53234	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 19.40	MFS
EFT53235	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 343,106.00	MFS
EFT53236	10/10/2019	SALRAY & WAGES	Payroll S & W	\$ 11,877.75	MFS
EFT53237	11/10/2019	ANDRE PAUL STUYT	Deed payment	\$ 31,207.22	MFS
EFT53238	14/10/2019	BUILDING COMMISSION - INC BCITF DEPARTMENT OF COMMERCE	BSL SEPTEMBER 2019	\$ 7,286.91	MFS
EFT53239	14/10/2019	SHIRE OF BROOME	BSL COMMISSION SEPTEMBER 2019	\$ 150.00	MFS
EFT53240	16/10/2019	GO BEYOND BROOME	Rates refund for assessment A303882	\$ 1,758.20	MFS
EFT53241	16/10/2019	ST MARYS COLLEGE - SECONDARY	Sponsorship Taji Cultural Exchange Program- Community	\$ 5,500.00	MFS
EFT53242	16/10/2019	TRACEY LEIGH TERVENSKI	Refund membership- BRAC	\$ 245.00	MFS
EFT53243	16/10/2019	WILLIAM JOHN PEASLEY	Rates refund for assessment A118910	\$ 134.44	MFS
EFT53244	16/10/2019	COLES SUPERMARKETS - CHINATOWN, S324	Consumables- Community Development	\$ 932.66	MFS
EFT53245	17/10/2019	A-LIST ENTERTAINMENT	Refund ticket sales for Ross Noble- Civic Centre	\$ 19,298.20	MFS
EFT53246	17/10/2019	ACCESS ICON PTY LTD	Cover Non-Traf- Cable Beach	\$ 484.00	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53247	17/10/2019	ACOR CONSULTANTS (WA) PTY LTD	Consultants (RFQ18/68)- Chinatown Revitalisation Project	\$ 7,222.47	MFS
EFT53248	17/10/2019	AUSTRALIA POST	Postage charges- Admin office	\$ 2,432.84	MFS
EFT53249	17/10/2019	BROOME SMALL MAINTENANCE SERVICES	Repairs- Haas St Office	\$ 296.50	MFS
EFT53250	17/10/2019	BUDGET CAR & TRUCK RENTAL	Car hire- Organisational Training	\$ 306.90	MFS
EFT53251	17/10/2019	BULLDOGS ELECTRICAL & MAINTENANCE	Repairs to fuel pumps- Depot	\$ 143.00	MFS
EFT53252	17/10/2019	Brendan Smith Consulting Pty Ltd	Consultants (RFQ18/56)- Chinatown Revitalisation Project	\$ 11,343.75	MFS
EFT53253	17/10/2019	CARPET PAINT & TILE CENTRE	Pool repairs- BRAC	\$ 320.00	MFS
EFT53254	17/10/2019	COAST & COUNTRY ELECTRICS	Final claim (RFQ19/41)- BRAC	\$ 15,388.87	MFS
EFT53255	17/10/2019	ENVISIONWARE	Maintenance renewal- IT	\$ 541.04	MFS
EFT53256	17/10/2019	HERBERT SMITH FREEHILLS	Consultants- Camel Leases	\$ 1,297.27	MFS
EFT53257	17/10/2019	HIT PRODUCTIONS PTY LTD	Final show payment 25%- Civic Centre	\$ 4,125.00	MFS
EFT53258	17/10/2019	HORIZON POWER (ELECTRICITY USAGE)	Electricity charges- Works	\$ 77,839.19	MFS
EFT53259	17/10/2019	INSTITUTE OF PUBLIC WORKS ENGINEERING AUSTRALIA LTD	Subscription- IT	\$ 814.00	MFS
EFT53260	17/10/2019	KIMBERLEY BOOKSHOP	Books- Library	\$ 172.80	MFS
EFT53261	17/10/2019	KIMBERLEY TRUSS (NORTRUSS (NT) PTY LTD)	Rollomatic lam chain bar- Chainsaws	\$ 91.54	MFS
EFT53262	17/10/2019	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	Registration- Organisational Training	\$ 2,140.00	MFS
EFT53263	17/10/2019	M P ROGERS & ASSOCIATES PTY LTD	Consultants- Town Beach Jetty Designs	\$ 16,336.08	MFS
EFT53264	17/10/2019	MARKETFORCE	Advertising- Election Expenses	\$ 744.76	MFS
EFT53265	17/10/2019	MICRO PRODUCTS AUSTRALIA	Equipment- Rangers Equipment- Rangers	\$ 894.50	MFS
EFT53266	17/10/2019	NAJA BUSINESS CONSULTING SERVICES	Consultants- Wastewater Treatment Plant Relocation	\$ 4,221.25	MFS
EFT53267	17/10/2019	NORTH WEST COAST SECURITY	Security for wedding- Civic Centre	\$ 605.00	MFS
EFT53268	17/10/2019	NORTH WEST LOCKSMITHS	Bilock keys- WMF	\$ 162.00	MFS
EFT53269	17/10/2019	OASIS EATERY	Consumables- General Meeting & CEO15	\$ 54.00	MFS
EFT53270	17/10/2019	PEARL COAST GLASS & WINDOWS	Glass repairs- KRO1	\$ 4,024.66	MFS
EFT53271	17/10/2019	PINDAN PRINTING	Membership cards- Library	\$ 369.60	MFS
EFT53272	17/10/2019	PMK WELDING & METAL FABRICATION	Tail gate hinge repairs- Hino FG 500 Series	\$ 835.64	MFS
EFT53273	17/10/2019	POOL WISDOM	Chlorine (RFQ19-63)- BRAC	\$ 1,709.84	MFS
EFT53274	17/10/2019	REGIONAL CAPITALS AUSTRALIA	Membership 19-20- Regional Capitals Australia	\$ 8,800.00	MFS
EFT53275	17/10/2019	ROADLINE CIVIL CONTRACTORS	Green Space Project claim 5 (RFT18-09)- Town Beach	\$ 588,683.67	MFS
EFT53276	17/10/2019	ROEBUCK BAY WORKING GROUP	Travel assistance- CEO Adhoc sponsorship	\$ 990.00	MFS
EFT53277	17/10/2019	SPORTSPOWER BROOME	Equipment- BRAC Group Fitness Program	\$ 1,322.50	MFS
EFT53278	17/10/2019	TERRY PATTERSON BUILDER (DEVERE CORPORATION PTY LTD)	Replace gas struts- Beach lifeguard trailer	\$ 220.00	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53280	17/10/2019	UNISITE PTY LTD	Furniture- Cable Beach Reserve	\$ 2,392.50	MFS
EFT53281	17/10/2019	URBAN DEVELOPMENT INSTITUTE OF AUSTRALIA WA DIVISION INC	Subscriptions- UDIA National Awards	\$ 1,210.00	MFS
EFT53282	17/10/2019	VANDERFIELD PTY LTD	Fuel cooler- P&G	\$ 486.16	MFS
EFT53283	17/10/2019	AAAA BETTA SWIFT WINDSCREENS	Windscreen replacement- Holden Colorado	\$ 132.00	MFS
EFT53284	17/10/2019	ABLE ELECTRICAL (WA) PTY LTD	Rewire lights- Sam Su Lane	\$ 1,914.00	MFS
EFT53285	17/10/2019	BK SIGNS (HALLIDAY ENTERPRISES PTY LTD)	Ali removable signs- Rangers Equipment	\$ 1,287.00	MFS
EFT53286	17/10/2019	BROOME ALI WORKS	Fabricate bull bar pipe holding bracket- Holden Colorado	\$ 1,470.28	MFS
EFT53287	17/10/2019	BROOME DOCTORS PRACTICE PTY LTD	Pre-employment medical- Recruitment Expenses	\$ 1,003.00	MFS
EFT53288	17/10/2019	BROOME FURNISHINGS	Coffee table- Building	\$ 289.00	MFS
EFT53289	17/10/2019	BROOME VETERINARY HOSPITAL	Veterinary costs- Rangers	\$ 6,540.75	MFS
EFT53290	17/10/2019	CARDNO (WA) PTY LTD	Additional Hydrodynamic Modelling (RFQ18/39)- Short St-Paspaley Carnarvon Street	\$ 4,098.05	MFS
EFT53291	17/10/2019	COATES HIRE OPERATIONS PTY LTD	Equipment hire- Town Beach	\$ 312.46	MFS
EFT53292	17/10/2019	FOOTPRINT CLEANING (FORMERLY REGIONAL ASSET MANAGEMENT SERVICES)	Cleaning- Various	\$ 43,822.70	MFS
EFT53293	17/10/2019	FUEL TRANS AUSTRALIA PTY LTD T/A RECHARGE PETROLEUM (BP BROOME CENTRAL)	Unleaded bulk drum- Depot	\$ 735.54	MFS
EFT53294	17/10/2019	G. BISHOPS TRANSPORT SERVICES PTY LTD	Freight- Depot	\$ 1,256.22	MFS
EFT53295	17/10/2019	GALVINS PLUMBING PLUS	Time flow cartridge- Cable Beach	\$ 266.40	MFS
EFT53296	17/10/2019	HORIZON POWER (ELECTRICITY USAGE)	Electricity charges- P&G	\$ 3,872.47	MFS
EFT53297	17/10/2019	MCCORRY BROWN EARTHMOVING PTY LTD	Drainage (RFQ19/57)- Male Oval Carpark	\$ 313,635.87	MFS
EFT53298	17/10/2019	NATUREWORKS PTY LTD	Final payment (RFQ19/59)- Town Beach Redevelopment	\$ 11,574.00	MFS
EFT53299	17/10/2019	PRINTING IDEAS	Prospectus- Chinatown	\$ 39.05	MFS
EFT53300	17/10/2019	SGS AUSTRALIA PTY LTD	Annual sample fees- Analytical Expenses	\$ 352.00	MFS
EFT53301	17/10/2019	STATE LIBRARY OF WA	Better Beginnings program- Library	\$ 1,556.50	MFS
EFT53302	17/10/2019	TAMMY TANSLEY CONSULTING	Books- Enterprise Agreements Made Easy	\$ 60.00	MFS
EFT53303	17/10/2019	TNT AUSTRALIA PTY LTD T/AS TNT EXPRESS	Freight- Health	\$ 1,310.05	MFS
EFT53304	17/10/2019	TOTALLY WORKWEAR	Uniforms- HR	\$ 284.00	MFS
EFT53305	18/10/2019	TELSTRA	Phone charges- Shire various departments	\$ 7,444.36	MFS
EFT53306	18/10/2019	ACURIX NETWORKS PTY LTD	Subscriptions- Library	\$ 436.70	MFS
EFT53307	18/10/2019	BOC LIMITED	Cylinder rental- BRAC	\$ 142.43	MFS
EFT53308	18/10/2019	BP AUSTRALIA PTY LTD - FUEL	Bulk diesel- Depot	\$ 18,674.18	MFS
EFT53309	18/10/2019	BROOME BOLT SUPPLIES WA PTY LTD	Pure epoxy injection- Depot	\$ 339.90	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53310	18/10/2019	BROOME BUILDERS PTY LTD	Repairs to the foot bridge- Cable Beach	\$ 1,634.00	MFS
EFT53311	18/10/2019	BROOME CLARK POOLS & SPAS BROOME	Pool Equipment- BRAC	\$ 160.12	MFS
EFT53312	18/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Service- Hino 300 Series	\$ 3,038.15	MFS
EFT53313	18/10/2019	BROOME POWDERCOATING	Sandblasting & powder coating tree guards- Town Beach	\$ 5,940.00	MFS
EFT53314	18/10/2019	BROOME PROGRESSIVE SUPPLIES	Milk- Admin building	\$ 31.64	MFS
EFT53315	18/10/2019	BROOME TOWING & SALVAGE	Abandoned vehicle towing- Rangers	\$ 176.00	MFS
EFT53316	18/10/2019	BROOME CRETE	Concrete- Old Broome	\$ 1,719.30	MFS
EFT53317	18/10/2019	BT EQUIPMENT PTY LTD	Parts- Compactor Bomag	\$ 1,213.17	MFS
EFT53318	18/10/2019	DFP RECRUITMENT (PINDAN LABOUR SOLUTIONS PTY LTD)	Temporary staff- IT	\$ 9,395.10	MFS
EFT53319	18/10/2019	EAST TO WEST DATA & ELECTRICAL SERVICES	Street lighting (RFQ19/71)- Various locations	\$ 35,823.70	MFS
EFT53320	18/10/2019	HAFELE AUSTRALIA PTY LTD	Table parts- Library	\$ 138.31	MFS
EFT53321	18/10/2019	IT VISION	Conference- IT Vision	\$ 1,207.80	MFS
EFT53322	18/10/2019	J BLACKWOOD & SON T/AS BLACKWOODS	Spit water hose and gun assembly- Depot	\$ 1,054.69	MFS
EFT53323	18/10/2019	JASON SIGNMAKERS	Design and manufacture signs- Cape Leveque Road	\$ 3,696.00	MFS
EFT53324	18/10/2019	KIMBERLEY CAMPING & OUTBACK SUPPLIES	Mosquito head net- Depot	\$ 31.27	MFS
EFT53325	18/10/2019	KIMBERLEY GOLD PURE DRINKING WATER	Water- WMF	\$ 341.00	MFS
EFT53326	18/10/2019	KIMBERLEY SIGNS & DESIGNS	Signage- BRAC	\$ 85.80	MFS
EFT53327	18/10/2019	OFFICE NATIONAL BROOME	Stationary order- Library	\$ 569.93	MFS
EFT53328	18/10/2019	OPTEON PROPERTY GROUP PTY LTD	Undertake rental valuation- KRO2	\$ 1,980.00	MFS
EFT53329	18/10/2019	WA HINO	Parts- Hino 2628 medium 500 series	\$ 6,960.75	MFS
EFT53330	18/10/2019	WATER CORPORATION	Ablution- Town Beach Redevelopment	\$ 534.36	MFS
EFT53331	18/10/2019	WATERCHOICE (AUST) PTY LTD	5 Stage reverse osmosis water filtration system- BRAC	\$ 487.60	MFS
EFT53332	23/10/2019	3E CONSULTING ENGINEERS PTY LTD (THE TRUSTEE FOR THE 3E TRUST)	Lighting design- Old Broome Road	\$ 3,520.00	MFS
EFT53333	23/10/2019	AGUNYA LTD	Refurbishment- Community Safety Projects	\$ 1,100.00	MFS
EFT53334	23/10/2019	BEST KIMBERLEY COMPUTING	Copier charges C7785- Admin office	\$ 6,156.40	MFS
EFT53335	23/10/2019	BROOME MOTORS	Service- Isuzu MUX 4x4 SUV	\$ 1,429.11	MFS
EFT53336	23/10/2019	BROOME PLUMBING & GAS	System check and flush- Haynes Oval Pavilion	\$ 125.00	MFS
EFT53337	23/10/2019	CLEANAWAY INDUSTRIES PTY LTD (BROOME TOXFREE)	Waste collection- Various	\$ 4,823.29	MFS
EFT53338	23/10/2019	COAST & COUNTRY ELECTRICS	Change halogen globes to LED- Haas St Office	\$ 4,650.60	MFS
EFT53339	23/10/2019	COASTAL DISTRIBUTING & PROVEDORING (CDP)	Ice cream stock- BRAC	\$ 1,606.06	MFS
EFT53340	23/10/2019	COCA COLA AMATIL (HOLDINGS) LTD	Consumables- BRAC	\$ 5,228.10	MFS
EFT53341	23/10/2019	DARWIN PLANT WHOLESALERS	Plants- P&G	\$ 2,254.18	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53342	23/10/2019	DIGGA WEST & EARTHPARTS WA (KEBO CONSOLIDATED P/L)	Hitch frame- Toro Mini Track Loader TX 1000	\$ 616.00	MFS
EFT53343	23/10/2019	FREEDOM FAIRIES	Face painting- Community Development Strategy	\$ 825.00	MFS
EFT53344	23/10/2019	IT VISION	Annual license fee- IT Vision Software System	\$ 114,827.98	MFS
EFT53345	23/10/2019	KIMBERLEY GOLD PURE DRINKING WATER	Water- WMF	\$ 543.00	MFS
EFT53346	23/10/2019	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	Membership- HR	\$ 531.00	MFS
EFT53347	23/10/2019	MERCURE HOTEL - PERTH	Accommodation- Executive Travel & Accommodation	\$ 544.00	MFS
EFT53348	23/10/2019	MOMAR AUSTRALIA PTY LTD	Consumables- Depot	\$ 991.93	MFS
EFT53349	23/10/2019	NEXON ASIA PACIFIC PTY LTD	Phone charges- Various	\$ 3,878.05	MFS
EFT53350	23/10/2019	PACE ENTERTAINMENT GROUP PTY LTD	Ticket sales- A Taste of Ireland	\$ 18,108.00	MFS
EFT53351	23/10/2019	PATERSON GROUP ARCHITECTS PTY LTD	Architectural amendments- BRAC	\$ 1,540.00	MFS
EFT53352	23/10/2019	ROADLINE CIVIL CONTRACTORS	Hire of Komatsu loader- Town Beach Reserve Upgrade	\$ 2,200.00	MFS
EFT53353	23/10/2019	ROEBUCK TREE SERVICE	Tree maintenance- Old Broome	\$ 2,400.00	MFS
EFT53354	23/10/2019	ROSMECH SALES & SERVICE PTY LTD	Sock, Water Tank- Rosmech Mistral Road Sweeper	\$ 304.81	MFS
EFT53355	23/10/2019	SAI GLOBAL LIMITED (SUBSCRIPTIONS)	Sustainable Procurement Standard- Governance	\$ 227.79	MFS
EFT53356	23/10/2019	SEAT ADVISOR PTY LTD	Ticket sale commission- Civic Centre	\$ 199.16	MFS
EFT53357	23/10/2019	SECUREPAY PTY LTD	Web payments- Civic Centre	\$ 29.67	MFS
EFT53358	23/10/2019	SECURITY & TECHNOLOGY SERVICES - NORWEST	Supply and install access card readers- Library	\$ 8,998.65	MFS
EFT53359	23/10/2019	SPORTSTG PTY LIMITED	Online services- BRAC	\$ 2,849.00	MFS
EFT53360	23/10/2019	STRATAGREEN (FORMERLY GREENWAY ENTERPRISES)	Stake cards- Nursery	\$ 82.25	MFS
EFT53361	23/10/2019	STREETER & MALE PTY LTD	Newspaper- Library	\$ 188.15	MFS
EFT53362	23/10/2019	SURF LIFE SAVING WESTERN AUSTRALIA	Life guard service Oct 19- Cable Beach	\$ 36,323.50	MFS
EFT53363	23/10/2019	SURFMET PTY LTD T/A KIMBERLEY SOILS LABORATORY	Compaction testing- Youth Bike Recreation Area	\$ 1,023.00	MFS
EFT53364	23/10/2019	TERRITORY RURAL BROOME	Consumables- Cape Leveque Road	\$ 1,588.81	MFS
EFT53365	23/10/2019	TERRY PATTERSON BUILDER (DEVERE CORPORATION PTY LTD)	Light pole maintenance- Haynes Oval	\$ 1,947.00	MFS
EFT53366	23/10/2019	THINK WATER BROOME	Parts- P&G	\$ 5,467.63	MFS
EFT53367	23/10/2019	TNT AUSTRALIA PTY LTD T/AS TNT EXPRESS	Freight- Health	\$ 406.50	MFS
EFT53368	23/10/2019	TOTALLY WORKWEAR	Polarized safety glasses- Depot	\$ 3,078.20	MFS
EFT53369	23/10/2019	VIVA ENERGY AUSTRALIA	Fuel cards- Various	\$ 654.64	MFS
EFT53370	23/10/2019	WEST AUSTRALIAN NEWSPAPERS	Advertising- Office of the CEO	\$ 4,032.00	MFS
EFT53371	23/10/2019	WEST COAST ON HOLD	Monthly message on hold- Promotions	\$ 69.00	MFS
EFT53372	24/10/2019	BROOME FIRST NATIONAL REAL ESTATE	Staff rent- November Rent 2019	\$ 6,114.83	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53373	24/10/2019	HUTCHINSON REAL ESTATE	Staff rent- November Rent 2019	\$ 6,300.60	MFS
EFT53374	24/10/2019	KATHRYN KIMBER & GRANT ASTLES	Staff rent- November Rent 2019	\$ 2,824.40	MFS
EFT53375	24/10/2019	PRD NATIONWIDE	Staff rent- November Rent 2019	\$ 5,091.66	MFS
EFT53376	24/10/2019	RAY WHITE BROOME	Staff rent- November Rent 2019	\$ 5,475.00	MFS
EFT53377	24/10/2019	REALMARK BROOME	Staff rent- November Rent 2019	\$ 3,910.71	MFS
EFT53378	24/10/2019	RICHARD & SUSAN BARTLETT & THOMAS	Staff rent- November Rent 2019	\$ 2,607.14	MFS
EFT53379	24/10/2019	ROGER STUART HOCKEY	Staff rent- November Rent 2019	\$ 1,520.83	MFS
EFT53380	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 700.00	MFS
EFT53381	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 141,572.66	MFS
EFT53382	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 406.04	MFS
EFT53383	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 450.00	MFS
EFT53384	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 415.00	MFS
EFT53385	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 302.92	MFS
EFT53386	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 263.16	MFS
EFT53387	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 200.00	MFS
EFT53388	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 400.00	MFS
EFT53389	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 382.39	MFS
EFT53390	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 550.00	MFS
EFT53391	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 13,505.97	MFS
EFT53392	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 848.70	MFS
EFT53393	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 560.00	MFS
EFT53394	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 660.00	MFS
EFT53395	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,097.76	MFS
EFT53396	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 19.40	MFS
EFT53397	24/10/2019	SALRAY & WAGES	Payroll S & W	\$ 352,468.51	MFS
EFT53398	24/10/2019	MITRO ENTERPRISES	Bond refund- Civic Centre	\$ 1,100.00	MFS
EFT53399	24/10/2019	A-LIST ENTERTAINMENT	Bond refund- Civic Centre	\$ 1,000.00	MFS
EFT53400	24/10/2019	ALVIN SANTIAGO	Refund swimming lessons- BRAC	\$ 135.00	MFS
EFT53401	24/10/2019	DENISE BAINBRIDGE	Reimbursement morning tea- BRAC	\$ 48.40	MFS
EFT53402	24/10/2019	HOUSING DEPARTMENT OF COMMUNITIES	Rates refund for assessment A100480	\$ 1,826.10	MFS
EFT53403	24/10/2019	IAN CHESTER	Reimbursement postage- BRAC	\$ 14.20	MFS
EFT53404	24/10/2019	BUNNINGS BROOME	Makita 3 piece combo kit- Depot	\$ 2,466.86	MFS
EFT53405	25/10/2019	COLES SUPERMARKETS - CHINATOWN, S324	Consumables- Broome Vibes Event	\$ 1,068.05	MFS
EFT53406	25/10/2019	ACOR CONSULTANTS (WA) PTY LTD	Consultants (RFQ18/68)- Chinatown Revitalisation Project	\$ 26,292.21	MFS
EFT53407	25/10/2019	ALLPEST (BROOME PEST CONTROL)	Pest control- BRAC	\$ 66.00	MFS
EFT53408	25/10/2019	ASK WASTE MANAGEMENT PTY LTD	Consultancy- Buckley's Rd Closure Upgrade	\$ 10,102.40	MFS
EFT53409	25/10/2019	BROOME BOAT SHOP	Generator- P&G	\$ 1,800.00	MFS
EFT53410	25/10/2019	BROOME CLARK POOLS & SPAS BROOME	Monthly pool service- Staff housing	\$ 182.38	MFS
EFT53411	25/10/2019	BROOME PROGRESSIVE SUPPLIES	Consumables- BRAC	\$ 983.70	MFS
EFT53412	25/10/2019	BROOME SMALL ENGINE SERVICES	Diagnose and fix small plant- Pressure cleaner	\$ 505.18	MFS
EFT53413	25/10/2019	BROOME SMALL MAINTENANCE SERVICES	Maintenance- KRO1	\$ 300.00	MFS
EFT53414	25/10/2019	BROOME TOWING & SALVAGE	Abandoned vehicle towing- Rangers	\$ 880.00	MFS
EFT53415	25/10/2019	BROOME CRETE	Concrete blocks- WMF	\$ 5,322.57	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53416	25/10/2019	BT EQUIPMENT PTY LTD	Oil cooler- Compactor Bomag	\$ 2,611.51	MFS
EFT53417	25/10/2019	CABLE BEACH ELECTRICAL SERVICE	Switchboard repairs- Depot	\$ 1,314.50	MFS
EFT53418	25/10/2019	CABLE BEACH TYRE SERVICE PTY LTD (GOODYEAR AUTOCARE BROOME)	Tyres- John Deere 672G Grader	\$ 3,722.50	MFS
EFT53419	25/10/2019	CLARK EQUIPMENT SALES PTY LTD	Parts- Bobcat T650 Compact Tract Loader	\$ 2,605.02	MFS
EFT53420	25/10/2019	CLEANAWAY INDUSTRIES PTY LTD (BROOME TOXFREE)	Recycling collection (RFT14/01)- Kerbside Recycling Collection	\$ 99,805.65	MFS
EFT53421	25/10/2019	EVENTPRO SOFTWARE	Software license- IT	\$ 1,177.98	MFS
EFT53422	25/10/2019	FIELD AIR CONDITIONING & AUTO ELECTRICAL PTY LTD	Back up alarm- Rosmech Mistral Road Sweeper	\$ 89.45	MFS
EFT53423	25/10/2019	FULTON HOGAN INDUSTRIES PTY LTD / PIONEER ROAD SERVICES	Ezstreet asphalt- P&G	\$ 3,590.40	MFS
EFT53424	25/10/2019	GLASS CO KIMBERLEY (FORMALLY KIMBERLEY GLASS SERVICE)	Replacement glass- Town Beach Cafe	\$ 1,839.20	MFS
EFT53425	25/10/2019	GOOD EARTH GARDEN PRODUCTS PTY LTD	Potting mix- Town Beach Reserve Upgrade	\$ 709.50	MFS
EFT53426	25/10/2019	GREAT NORTHERN LOGISTICS PTY LTD	Septic waste collection- Gantheaume Point Ablutions	\$ 568.50	MFS
EFT53427	25/10/2019	HORIZON POWER (ELECTRICITY USAGE)	Electricity charges- BRAC	\$ 3,905.69	MFS
EFT53428	25/10/2019	INDUSTRIAL AUTOMATION GROUP	Floodlight system (RFQ19/38)- BRAC	\$ 8,124.71	MFS
EFT53429	25/10/2019	J BLACKWOOD & SON T/AS BLACKWOODS	Welder Transmig- Depot	\$ 1,277.64	MFS
EFT53430	25/10/2019	JOSH BYRNE & ASSOCIATES	Technical Advice (RFQ19/04)- Town Beach Redevelopment	\$ 2,334.75	MFS
EFT53431	25/10/2019	KARRATHA ASPHALT	Asphalt (RFT19/06)- Youth Bike Recreation Area	\$ 8,768.50	MFS
EFT53432	25/10/2019	KENNARDS HIRE	Mini Excavator hire- Various Footpath Renewal	\$ 1,436.50	MFS
EFT53433	25/10/2019	KO CONTRACTING	Hatch line mark- Shire Carpark	\$ 1,105.50	MFS
EFT53434	25/10/2019	LAIRD TRAN STUDIO	Additional design services- Surf Life Saving Club	\$ 2,085.05	MFS
EFT53435	25/10/2019	LANDMARK ENGINEERING & DESIGN PTY LTD TRADING AS EXTERIA, AND MODUS	Supply ablution block- Town Beach Redevelopment	\$ 65,034.20	MFS
EFT53436	25/10/2019	MCLEODS BARRISTERS & SOLICITORS	Infringement notice review- Legal expenses	\$ 700.72	MFS
EFT53437	25/10/2019	MCMULLEN NOLAN GROUP PTY LTD (MNG)	Cemetery Plot Setout- Engineering	\$ 319.00	MFS
EFT53438	25/10/2019	MIRACLE RECREATION EQUIPMENT	Equipment- Dakas Street Reserve	\$ 9,163.00	MFS
EFT53439	25/10/2019	OFFICE NATIONAL BROOME	Cartridge replacement- Depot	\$ 739.11	MFS
EFT53440	25/10/2019	PIVOTAL (LEADING EDGE COMPUTERS)	WIFI(RFQ19-11)- Chinatown project	\$ 54,223.40	MFS
EFT53441	25/10/2019	QUIC DIG PTY LTD	Supply labour and equipment- Dampier Tce	\$ 632.50	MFS
EFT53442	25/10/2019	SPINIFEX HOTEL	Accommodation- Kimberley Economic Forum	\$ 200.00	MFS
EFT53443	25/10/2019	TALIS CONSULTANTS	Consultants (RFQ18/44)- Wandrra Project	\$ 23,376.22	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53444	25/10/2019	THE SEBEL MANDURAH	Accommodation- Organisational Training	\$ 925.00	MFS
EFT53445	25/10/2019	WILD MANGO CAFE (Green Mango Cafe)	Catering- Council Workshop	\$ 270.90	MFS
EFT53446	25/10/2019	WOOLWORTHS GROUP LIMITED (96000235)	Consumables- Cape Leveque Road Staff	\$ 27.68	MFS
EFT53447	30/10/2019	A PLUS EVENTS & HIRE	Equipment- Shire Christmas Party	\$ 320.00	MFS
EFT53448	30/10/2019	ALLVOLTS POWER SOLUTIONS PTY LTD	Car battery- Various	\$ 397.74	MFS
EFT53449	30/10/2019	ANALYTICAL REFERENCE LABORATORY (WA) PTY LTD	Total Suspended Solids- Health	\$ 55.00	MFS
EFT53450	30/10/2019	AUSTRALIA POST	USB storage devices- Library	\$ 195.00	MFS
EFT53451	30/10/2019	AVERY AIRCONDITIONING PTY LTD	Servicing of 4 APAC units- Broome Visitors Centre	\$ 727.50	MFS
EFT53452	30/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Consumables- BRAC	\$ 102.06	MFS
EFT53453	30/10/2019	BK SIGNS (HALLIDAY ENTERPRISES PTY LTD)	Marine Grade Padlocks- Rangers	\$ 181.50	MFS
EFT53454	30/10/2019	BOAB FENCING	Fencing repairs- Matsumoto Courts	\$ 357.50	MFS
EFT53455	30/10/2019	BP AUSTRALIA PTY LTD - FUEL	Bulk diesel- Depot	\$ 15,907.52	MFS
EFT53456	30/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Parts- Various machinery	\$ 3,425.20	MFS
EFT53457	30/10/2019	BROOME DOCTORS PRACTICE PTY LTD	Pre-employment medical- Recruitment Expenses	\$ 335.50	MFS
EFT53458	30/10/2019	BROOME PROGRESSIVE SUPPLIES	Milk- Admin office	\$ 31.64	MFS
EFT53459	30/10/2019	BROOME SMALL MAINTENANCE SERVICES	Repairs to fire latch door- BRAC	\$ 1,061.50	MFS
EFT53460	30/10/2019	BROOME TOYOTA	Windshield- Holden Colorado	\$ 549.59	MFS
EFT53461	30/10/2019	BROOME TRANSIT- BROOME TAXIS	Bus Hire- Councillor Workshop	\$ 360.00	MFS
EFT53462	30/10/2019	BROOME CRETE	Concrete- Guy Street	\$ 1,108.80	MFS
EFT53463	30/10/2019	CABLE BEACH ELECTRICAL SERVICE	Electrical maintenance- BRAC	\$ 2,508.00	MFS
EFT53464	30/10/2019	CHINATOWN NEWSAGENCY (DELRAY NOMINEES PTY LTD)	Assorted games- Library	\$ 159.80	MFS
EFT53465	30/10/2019	CLARK EQUIPMENT SALES PTY LTD	Hose- Bobcat T650 Compact Tract Loader	\$ 29.46	MFS
EFT53466	30/10/2019	COASTAL DISTRIBUTING & PROVEDORING (CDP)	Consumables- BRAC	\$ 470.45	MFS
EFT53467	30/10/2019	CONSTRUCTION ESTIMATING PTY. LTD. TRADING AS QS SERVICES	Consultants- Broome Surf Life Saving Club	\$ 2,057.00	MFS
EFT53468	30/10/2019	DIRECTCOMMS PTY LTD	Loan reservation service- Library	\$ 723.55	MFS
EFT53469	30/10/2019	FIELD AIR CONDITIONING & AUTO ELECTRICAL PTY LTD	LED Strobe Lights- John Deere Ride on Mower	\$ 633.50	MFS
EFT53470	30/10/2019	FIRE & SAFETY SERVICES	Isolate fire alarm- KRO2	\$ 264.00	MFS
EFT53471	30/10/2019	FIREFLY360 PTY LTD	EDM email template updates- Media	\$ 236.50	MFS
EFT53472	30/10/2019	GARDEN CITY PLASTICS	Materials- P&G	\$ 3,722.26	MFS
EFT53473	30/10/2019	GENERATORS & OFF GRID ENERGY	PV System health check- Civic Centre	\$ 770.00	MFS
EFT53474	30/10/2019	GOOD EARTH GARDEN PRODUCTS PTY LTD	Potting Mix- Nursery	\$ 709.50	MFS
EFT53475	30/10/2019	GPC ASIA PACIFIC PTY LTD T/AS REPCO	Materials- Workshop	\$ 50.61	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53476	30/10/2019	HERITAGE WAY PTY LTD T/A DOMUS NURSERY	Plants- Town Beach Reserve Upgrade	\$ 3,971.69	MFS
EFT53477	30/10/2019	HOLDFAST FLUID POWER NW PTY LTD	Hydraulic Hose Parts & Assembly- Case 741F Wheel Loader	\$ 646.79	MFS
EFT53478	30/10/2019	SALRAY & WAGES	Payroll S & W	\$ 108.33	MFS
EFT53479	30/10/2019	JAKO INDUSTRIES PTY LTD	Renew air-condition claim no.6 (RFT18/07)- KRO	\$ 78,547.70	MFS
EFT53480	30/10/2019	JASON SIGNMAKERS	Vinyl sticker non reflective- Roadwork Signs	\$ 1,052.70	MFS
EFT53481	30/10/2019	JAYE SMOKER (UNBOUND SOUND)	Equipment hire- Civic Centre	\$ 750.00	MFS
EFT53482	30/10/2019	KARRATHA ASPHALT	Seal shoulders (RFT19/06)- Guy street	\$ 6,919.69	MFS
EFT53483	30/10/2019	KIMBERLEY CAMPING & OUTBACK SUPPLIES	Uniform- Protective Clothing & Equipment	\$ 133.25	MFS
EFT53484	30/10/2019	KO CONTRACTING	Finish exposed agg concrete- Carnarvon Street	\$ 1,496.00	MFS
EFT53485	30/10/2019	KOMATSU AUSTRALIA PTY LTD	Oil Sample Kit- Komatsu Wheel Loader	\$ 1,869.48	MFS
EFT53486	30/10/2019	LAIRD TRAN STUDIO	Detail Design 30%- KRO2	\$ 2,308.68	MFS
EFT53487	30/10/2019	LANDMARK OPERATIONS LTD	Fertiliser- Various Lawns	\$ 9,280.10	MFS
EFT53488	30/10/2019	LOCAL GOVERNMENT SUPERVISORS ASSOCIATION OF WA	Membership- LGSA	\$ 220.00	MFS
EFT53489	30/10/2019	MERCURE HOTEL - PERTH	Accommodation- IT Vision Conference	\$ 338.00	MFS
EFT53490	30/10/2019	MINSHULL MECHANICAL REPAIRS	Tools- Workshop	\$ 1,156.60	MFS
EFT53491	30/10/2019	NORTH WEST COAST SECURITY	Security- Civic Centre	\$ 1,331.00	MFS
EFT53492	30/10/2019	NYAMBA BURU YAWURU LTD	Cultural monitors- Short St-Paspaley Carnarvon	\$ 1,056.00	MFS
EFT53493	30/10/2019	OFFICE NATIONAL BROOME	Copier charges- IT	\$ 256.32	MFS
EFT53494	30/10/2019	PHD PRODUCTIONS	CDs- Library	\$ 24.00	MFS
EFT53495	30/10/2019	POOL WISDOM	Chemicals (RFQ19/63)- BRAC	\$ 2,676.20	MFS
EFT53496	30/10/2019	QUIC DIG PTY LTD	Service location and potholing- McDaniel Road	\$ 5,016.00	MFS
EFT53497	30/10/2019	RAECO	Duraseal gloss- Library	\$ 253.44	MFS
EFT53498	30/10/2019	RED DIRT PRESSURE CLEANING	High pressure clean- Carnarvon street	\$ 1,100.00	MFS
EFT53499	30/10/2019	REEN AUTO ELECTRICS	Repairs- Compactor Bomag	\$ 2,289.00	MFS
EFT53500	30/10/2019	T - QUIP	Top dresser (RFQ 19/54)- Infrastructure	\$ 51,795.00	MFS
EFT53501	30/10/2019	VANDERFIELD PTY LTD	Mower blade- John Deere	\$ 1,276.04	MFS
EFT53502	31/10/2019	ALL WEST BUILDING APPROVALS PTY LTD	Consultants- Tomarito Crescent	\$ 1,079.10	MFS
EFT53503	31/10/2019	ALLPEST (BROOME PEST CONTROL)	Pest control- Haynes Oval Pavilion	\$ 407.00	MFS
EFT53504	31/10/2019	ATEA CONSULTING	Consultant- Town Beach Jetty Promotional Video	\$ 440.00	MFS
EFT53505	31/10/2019	AVERY AIRCONDITIONING PTY LTD	Repair ice machine- Depot	\$ 697.64	MFS
EFT53506	31/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Consumables- BRAC	\$ 1,097.36	MFS
EFT53507	31/10/2019	BIG SPECIAL PTY LTD	50% fee plus royalties (12%)- The Irresistible	\$ 4,538.16	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
EFT53508	31/10/2019	BOAB FENCING	Re-meshing- BRAC	\$ 770.00	MFS
EFT53509	31/10/2019	BROOME BETTA HOME LIVING	TV- Staff Housing	\$ 599.00	MFS
EFT53510	31/10/2019	BROOME CLARK POOLS & SPAS BROOME	Rubber Tube- Rosmech Mistral Road Sweeper	\$ 8.96	MFS
EFT53511	31/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Parts- Trailer Howard Porter Supalift	\$ 2,022.95	MFS
EFT53512	31/10/2019	BROOME SENIOR HIGH SCHOOL	Ad Hoc Sponsorship- Venue hire assistance 2019	\$ 1,000.00	MFS
EFT53513	31/10/2019	BROOME SMALL ENGINE SERVICES	Service and repair- Crommelins plate compactor	\$ 457.78	MFS
EFT53514	31/10/2019	BROOME SMALL MAINTENANCE SERVICES	Pool fence maintenance- Staff Housing	\$ 448.00	MFS
EFT53515	31/10/2019	BROOME TREE & PALM SERVICE	Mulch delivery- Depot	\$ 1,458.60	MFS
EFT53516	31/10/2019	COASTAL DISTRIBUTING & PROVEDORING (CDP)	Consumables- BRAC	\$ 765.53	MFS
EFT53517	31/10/2019	POOL WISDOM	Chemicals (RFQ19/63)- BRAC	\$ 1,244.43	MFS
EFT53518	31/10/2019	REDWAVE MEDIA PTY LTD	Radio advertising- Spirit FM and Red FM	\$ 1,210.00	MFS
EFT53519	31/10/2019	RM SURVEYS PTY LTD	Design and set out access road- Youth Bike Recreation Area	\$ 3,509.00	MFS
EFT53520	31/10/2019	ROEBUCK BAY HOTEL	Consumables- Depot	\$ 232.95	MFS
EFT53521	31/10/2019	ROSMECH SALES & SERVICE PTY LTD	Parts- Rosmech Mistral Road Sweeper	\$ 840.02	MFS
EFT53522	31/10/2019	ROYAL LIFE SAVING SOCIETY - WA	Aquatic trainer course- BRAC	\$ 2,659.00	MFS
EFT53523	31/10/2019	SCANNING PENS PTY LTD	C-Pen Reader- Library	\$ 366.50	MFS
EFT53524	31/10/2019	STRATCO WA PTY LTD	Bracket- Male Court	\$ 32.25	MFS
EFT53525	31/10/2019	STREETER & MALE PTY LTD	Truck box- Truck 2WD Dual Cab	\$ 839.45	MFS
EFT53526	31/10/2019	SUBWAY BROOME	Consumables- General Meeting & CEO15	\$ 359.00	MFS
EFT53527	31/10/2019	TELSTRA	Phone charges- Rangers	\$ 219.56	MFS
EFT53528	31/10/2019	TERRITORY RURAL BROOME	Gypsum- Town Beach Reserve	\$ 7,914.89	MFS
EFT53529	31/10/2019	TNT AUSTRALIA PTY LTD T/AS TNT EXPRESS	Freight- Health	\$ 1,124.52	MFS
EFT53530	31/10/2019	TOTAL SAFETY & FIRE SOLUTIONS (NORTH WEST FIRE PROTECTION)	Materials- Depot	\$ 369.00	MFS
EFT53531	31/10/2019	TOTALLY WORKWEAR	PPE/ Uniform- Shire various departments	\$ 2,092.85	MFS
EFT53532	31/10/2019	TYREPOWER BROOME	Tyres- Holden Colorado	\$ 1,210.00	MFS
EFT53533	31/10/2019	UNISITE PTY LTD	Furniture- Various	\$ 9,784.50	MFS
EFT53534	31/10/2019	WATER CORPORATION	Ablution- Town Beach Redevelopment	\$ 550.00	MFS
MUNICIPAL ELECTRONIC FUNDS TRANSFER TOTAL:				\$5,165,234.40	

MUNICIPAL CHEQUES - OCTOBER 2019					
DD#	Date	Name	Description	Amount	Del Auth
57615	02/10/2019	JULIE FAYE NICHOLAS	Refund- Library	\$ 6.80	MFS
57616	02/10/2019	SHIRE OF BROOME	Library- Petty Cash	\$ 154.44	MFS
57617	02/10/2019	TARGET AUSTRALIA PTY LTD	Books- Library	\$ 148.83	MFS
57618	24/10/2019	DEPARTMENT OF TRANSPORT - LICENSING	Shire of Broome Plates- Administration	\$ 400.00	MFS
57619	24/10/2019	SHIRE OF BROOME	Petty cash- Admin	\$ 680.58	MFS
MUNICIPAL ELECTRONIC FUNDS TRANSFER TOTAL:				\$1,390.65	

EFT	Date	Name	Description	Amount	DEL AUTH
TRUST CHEQUES - OCTOBER 2019					
DD#	Date	Name	Description	Amount	Del Auth
					MFS
TRUST CHEQUES TOTAL:				\$0.00	

MUNICIPAL DIRECT DEBIT/CREDIT CARD PAYMENTS - OCTOBER 2019					
DD#	Date	Name	Description	Amount	Del Auth
DD27119.1	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 48,429.98	MFS
DD27119.10	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 384.81	MFS
DD27119.11	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 632.88	MFS
DD27119.12	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 2,655.75	MFS
DD27119.13	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 365.23	MFS
DD27119.14	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 282.21	MFS
DD27119.15	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 237.94	MFS
DD27119.16	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 931.81	MFS
DD27119.17	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 213.33	MFS
DD27119.18	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 469.63	MFS
DD27119.19	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 655.01	MFS
DD27119.2	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 153.17	MFS
DD27119.20	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,100.76	MFS
DD27119.21	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 600.75	MFS
DD27119.22	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 272.37	MFS
DD27119.23	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 2,513.65	MFS
DD27119.24	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 550.47	MFS
DD27119.25	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 877.61	MFS
DD27119.26	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 317.13	MFS
DD27119.27	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 644.03	MFS
DD27119.28	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 99.70	MFS
DD27119.29	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 2,073.95	MFS
DD27119.3	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 286.58	MFS
DD27119.30	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,461.39	MFS
DD27119.31	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 814.34	MFS
DD27119.32	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 477.97	MFS
DD27119.33	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,073.07	MFS
DD27119.34	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 386.61	MFS
DD27119.4	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 657.93	MFS
DD27119.5	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 5,361.37	MFS
DD27119.6	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 632.69	MFS
DD27119.7	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 446.78	MFS
DD27119.8	08/10/2019	SALRAY & WAGES	Payroll S & W	\$ 2,799.97	MFS
DD27119.9	08/10/2019	SUPERANNUATION	Superannuation contributions	\$ 356.91	MFS
DD27166.1	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 50,416.45	MFS
DD27166.10	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 302.02	MFS
DD27166.11	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 659.64	MFS
DD27166.12	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 2,655.75	MFS
DD27166.13	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 380.10	MFS
DD27166.14	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 258.73	MFS
DD27166.15	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 285.03	MFS
DD27166.16	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 931.81	MFS
DD27166.17	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 160.21	MFS
DD27166.18	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 469.63	MFS
DD27166.19	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 996.10	MFS
DD27166.2	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 286.58	MFS
DD27166.20	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 600.75	MFS
DD27166.21	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 306.24	MFS
DD27166.22	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 494.68	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
DD27166.23	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 2,621.03	MFS
DD27166.24	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 279.31	MFS
DD27166.25	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 635.22	MFS
DD27166.26	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 229.87	MFS
DD27166.27	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 644.03	MFS
DD27166.28	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 190.26	MFS
DD27166.29	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,991.81	MFS
DD27166.3	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 657.93	MFS
DD27166.30	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,639.28	MFS
DD27166.31	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 704.82	MFS
DD27166.32	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 477.97	MFS
DD27166.33	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 1,177.74	MFS
DD27166.34	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 111.43	MFS
DD27166.4	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 5,363.85	MFS
DD27166.5	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 633.75	MFS
DD27166.6	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 446.78	MFS
DD27166.7	22/10/2019	SALRAY & WAGES	Payroll S & W	\$ 2,984.21	MFS
DD27166.8	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 236.07	MFS
DD27166.9	22/10/2019	SUPERANNUATION	Superannuation contributions	\$ 446.13	MFS
DD27187.1	26/10/2019	FACEBOOK	Marketing- Media (credit card payment 27.10.19)	\$ 40.00	MFS
DD27187.2	01/10/2019	QANTAS AIRWAYS LTD	Flights- People & Culture Seminar (credit card payment 02.10.19)	\$ 906.31	MFS
DD27187.3	07/10/2019	SQUARESPACE INC	Subscription- Chinatown (credit card payment 07.10.19)	\$ 39.59	MFS
DD27187.4	07/10/2019	QANTAS AIRWAYS LTD	Flight change- Shire President & CEO Special Travel (credit card payment 08.10.19)	\$ 432.99	MFS
DD27187.5	09/10/2019	QANTAS AIRWAYS LTD	Flight change- People & Culture Seminar and IT Vision Conference (credit card payment 10.10.19)	\$ 233.00	MFS
DD27187.6	10/10/2019	QANTAS AIRWAYS LTD	Flights- Department of Transport (credit card payment 11.10.19)	\$ 342.50	MFS
DD27187.7	14/10/2019	QANTAS AIRWAYS LTD	Flights- Relocation & Removal Costs (credit card payment 15.10.19)	\$ 1,107.02	MFS
DD27187.8	15/10/2019	FACEBOOK	Marketing- Media (credit card payment 15.10.19)	\$ 1.54	MFS
DD27189.1	25/10/2019	DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION	Application fee for clearing permit- Town Beach Development (credit card payment 04.10.19)	\$ 2,000.00	MFS
DD27189.2	25/10/2019	QANTAS AIRWAYS LTD	Flights- Shire President & CEO Special Travel (credit card payment 05.10.19)	\$ 532.50	MFS
DD27189.3	25/10/2019	ALTERNATIVE TECHNOLOGY ASSOCIATION INC.	Subscription- Library magazines (credit card payment 16.10.19)	\$ 34.00	MFS
DD27192.1	25/10/2019	QANTAS AIRWAYS LTD	Flights- WA Regional Awards 2019 (credit card payment 05.10.19)	\$ 1,650.90	MFS
DD27192.2	25/10/2019	VIRGIN AUSTRALIA	Flights- WA Regional Awards (credit card payment 05.10.19)	\$ 1,499.78	MFS
DD27192.3	25/10/2019	AWARDS AUSTRALIA	Conference- Western Australian Regional Achievement and Community Awards (credit card payment 04.10.19)	\$ 125.00	MFS
DD27192.4	25/10/2019	THE HYATT REGENCY PERTH	Accommodation- WA Regional Awards (credit card payment 19.10.19)	\$ 168.75	MFS

EFT	Date	Name	Description	Amount	DEL AUTH
MUNICIPAL DIRECT DEBIT/ CREDIT CARD TOTAL				\$169,006.87	

MUNICIPAL ELECTRONIC TRANSFER TOTAL \$5,165,234.40

MUNICIPAL CHEQUES TOTAL \$1,390.65

TRUST CHEQUE TOTAL \$0.00

MUNICIPAL DIRECT DEBIT/ CREDIT CARD TOTAL \$169,006.87

TOTAL PAYMENTS - OCTOBER 2019 \$5,335,631.92

Part 5. Division 4. Section 5.42 Delegation of some powers to CEO. Sub Section Finance					
Management Regulation 12.					
Each payment must show on a list the payees name, the amount of the payment, the date of the payment and sufficient information to identify the transaction.					
This report incorporates the Delegation of Authority (Administration Regulation 19)					
PAYMENTS BY EFT & CHEQUE & FROM TRUST - OCTOBER 2019					
MUNICIPAL & TRUST ELECTRONIC TRANSFER - OCTOBER 2019					
EFT	Date	Name	Description	Amount	DEL AUTH
EFT53076	01/10/2019	BROOME FIRST NATIONAL REAL ESTATE	Staff rent- October Rent 2019	\$ 6,801.40	MFS
EFT53077	01/10/2019	HUTCHINSON REAL ESTATE	Staff rent- October Rent 2019	\$ 6,300.60	MFS
EFT53078	01/10/2019	KATHRYN KIMBER & GRANT ASTLES	Staff rent- October Rent 2019	\$ 2,824.40	MFS
EFT53079	01/10/2019	PRD NATIONWIDE	Staff rent- October Rent 2019	\$ 5,317.81	MFS
EFT53080	01/10/2019	RAY WHITE BROOME	Staff rent- October Rent 2019	\$ 7,852.03	MFS
EFT53081	01/10/2019	REALMARK BROOME	Staff rent- October Rent 2019	\$ 3,910.71	MFS
EFT53082	01/10/2019	RICHARD & SUSAN BARTLETT & THOMAS	Staff rent- October Rent 2019	\$ 2,607.14	MFS
EFT53083	01/10/2019	ROGER STUART HOCKEY	Staff rent- October Rent 2019	\$ 1,520.83	MFS
EFT53092	01/10/2019	BRUCE RUDEFORTH	Councillor sitting fee October 19	\$ 1,014.82	MFS
EFT53093	01/10/2019	CATHERINE AGNES FAIRLEY MARRIOTT	Councillor sitting fee October 19	\$ 507.41	MFS
EFT53094	01/10/2019	CHRISTOPHER RALPH MITCHELL	Councillor sitting fee October 19	\$ 1,014.82	MFS
EFT53095	01/10/2019	DESIREE MAGDOLNA MALE	Councillor sitting fee October 19	\$ 2,737.67	MFS
EFT53096	01/10/2019	ELSTA REGINA FOY	Councillor sitting fee October 19	\$ 1,747.75	MFS
EFT53097	01/10/2019	HAROLD NORMAN TRACEY	Councillor sitting fee October 19	\$ 6,202.16	MFS
EFT53098	01/10/2019	MALA PREM-OCEAN SKY FAIRBORN	Councillor sitting fee October 19	\$ 1,014.82	MFS
EFT53099	01/10/2019	PHILIP FRANCIS MATSUMOTO	Councillor sitting fee October 19	\$ 1,747.75	MFS
EFT53100	02/10/2019	ALLVOLTS POWER SOLUTIONS PTY LTD	Replacement battery- All Terrain Vehicle 4WD	\$ 174.83	MFS
EFT53103	02/10/2019	AVERY AIRCONDITIONING PTY LTD	Replace squash aircon claim 3(RFQ19/16)- BRAC	\$ 16,498.67	MFS
EFT53104	02/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Consumables- BRAC	\$ 465.24	MFS
EFT53105	02/10/2019	BK SIGNS (HALLIDAY ENTERPRISES PTY LTD)	Temporary staff- Rangers	\$ 550.00	MFS
EFT53106	02/10/2019	BROOME BUILDERS PTY LTD	Install strikers to two doors- Library	\$ 230.00	MFS
EFT53107	02/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Various Hose and parts- Pave line Versa patch Asphalt	\$ 310.90	MFS
EFT53108	02/10/2019	BROOME SURF LIFE SAVING CLUB INC	Venue hire- Broome Family Christmas Event	\$ 2,000.00	MFS
EFT53109	02/10/2019	CABLE BEACH ELECTRICAL SERVICE	Install RCD's- Dakas Reserve	\$ 247.50	MFS
EFT53110	02/10/2019	CARPET PAINT & TILE CENTRE	Cement leveller- Tomarito Park	\$ 98.01	MFS
EFT53112	02/10/2019	CLEANAWAY INDUSTRIES PTY LTD (BROOME TOXFREE)	Waste collection (RFT14/01)- Kerbside Refuse Collection	\$ 103,073.55	MFS

EFT53113	02/10/2019	COAST & COUNTRY ELECTRICS	Electrical repairs- Bowling Club	\$ 572.00	MFS
EFT53116	02/10/2019	DEPARTMENT OF AGRICULTURE & FOOD	Quarantine- Nursery	\$ 67.50	MFS
EFT53117	02/10/2019	FIELD AIR CONDITIONING & AUTO ELECTRICAL PTY LTD	Repairs- Loader Komatsu	\$ 723.10	MFS
EFT53120	02/10/2019	KIMBERLEY GOLD PURE DRINKING WATER	Water cooler- Civic centre	\$ 132.00	MFS
EFT53121	02/10/2019	KIMBERLEY SIGNS & DESIGNS	Signs- BRAC	\$ 489.50	MFS
EFT53122	02/10/2019	KO CONTRACTING	Holding Lines at roundabouts- Lorikeet Drive	\$ 1,287.00	MFS
EFT53123	02/10/2019	KOOLJAMAN AT CAPE LEVEQUE	Accommodation- Health	\$ 339.00	MFS
EFT53127	02/10/2019	NYAMBA BURU YAWURU LTD	Consultant- Archaeological heritage survey	\$ 3,496.10	MFS
EFT53128	02/10/2019	OFFICE NATIONAL BROOME	Copy charges- IT	\$ 432.92	MFS
EFT53130	02/10/2019	ROADLINE CIVIL CONTRACTORS	Dry hire of multi roller- Youth Bike Recreation Area	\$ 1,925.00	MFS
EFT53131	02/10/2019	ROEBUCK BAY CLEANING	Cleaning- Johnny Chi Lane	\$ 165.00	MFS
EFT53136	02/10/2019	TANYA RANSOM	Purchase copies of CDs- Library	\$ 80.00	MFS
EFT53137	02/10/2019	TERRITORY RURAL BROOME	Chemicals- P&G	\$ 2,555.84	MFS
EFT53140	02/10/2019	TOTALLY WORKWEAR	PPE /Uniform- Waste Facility Operations	\$ 706.80	MFS
EFT53141	02/10/2019	UPTUYU ADVENTURES	Manager conference Oongkalkada Wilderness Camp- HR	\$ 5,025.00	MFS
EFT53143	02/10/2019	ANNETTE JOORIS	Study reimbursement- HR	\$ 146.40	MFS
EFT53145	02/10/2019	SALVATORE CONSTANTINO MASTROLEMBO	Reimbursement- Office of the CEO	\$ 222.48	MFS
EFT53147	03/10/2019	ALLVOLTS POWER SOLUTIONS PTY LTD	Truck Master- Water Truck Hino 500 Series	\$ 682.66	MFS
EFT53151	03/10/2019	AVERY AIRCONDITIONING PTY LTD	Degassing of fridges- WMF	\$ 1,985.50	MFS
EFT53152	03/10/2019	BMT CONSTRUCTIONS	Construction work- BRAC	\$ 971.30	MFS
EFT53153	03/10/2019	BROOME DOCTORS PRACTICE PTY LTD	Pre-employment medical- Recruitment Expenses	\$ 1,379.00	MFS
EFT53154	03/10/2019	BROOME SMALL MAINTENANCE SERVICES	Install defib cabinet- Medland Pavilion	\$ 203.50	MFS
EFT53155	03/10/2019	BROOMES PARTIES WEDDINGS ANYTHING	Catering- Marnja Jarndu community event	\$ 425.00	MFS
EFT53156	03/10/2019	COAST & COUNTRY ELECTRICS	Rectification of wiring- BRAC oval lights	\$ 49,478.94	MFS
EFT53157	03/10/2019	COASTAL DISTRIBUTING & PROVEDORING (CDP)	Ice cream stock- BRAC	\$ 855.60	MFS
EFT53159	03/10/2019	DEPARTMENT OF AGRICULTURE & FOOD (DEPARTMENT OF PRIMARY INDUSTRIES AND REGIONAL DEVELOPMENT DPIRD) - AGRICULTURE DIVISION	Plant quarantine- Nursery	\$ 65.00	MFS
EFT53161	03/10/2019	FIRE & SAFETY SERVICES	Fire extinguishers- Depot	\$ 203.50	MFS
EFT53166	03/10/2019	KIMBERLEY FUEL & OIL SERVICES	Hydraulic Oil- Workshop	\$ 440.00	MFS
EFT53167	03/10/2019	KIMBERLEY SIGNS & DESIGNS	Pool signage- BRAC	\$ 258.50	MFS
EFT53168	03/10/2019	KIMBERLEY WASHROOM SERVICES	Washroom service- Various	\$ 800.00	MFS
EFT53169	03/10/2019	OFFICE NATIONAL BROOME	Copier charges- IT	\$ 377.55	MFS

EFT53171	03/10/2019	PEARL COAST GLASS & WINDOWS	Glass repairs- KRO1	\$ 1,078.00	MFS
EFT53172	03/10/2019	PRINTING IDEAS	Brochures- Chinatown	\$ 1,812.42	MFS
EFT53175	03/10/2019	ROADLINE CIVIL CONTRACTORS	Variation progress payment 8 (RFT18-05)- Town Beach Redevelopment	\$ 226,952.46	MFS
EFT53179	03/10/2019	TOTALLY WORKWEAR	Uniform- Protective Clothing & Equipment	\$ 3,861.95	MFS
EFT53180	03/10/2019	TROPICAL UPHOLSTERY	Repairs to beach wheelchair- BRAC	\$ 66.00	MFS
EFT53181	03/10/2019	VINYL CLENZ (DECKnicians)	Maintenance- Lookout	\$ 3,850.00	MFS
EFT53184	03/10/2019	SHIRE OF BROOME	MONIES BEING RECEIVED FOR WATC ON 08.08.19	\$ 806,529.30	MFS
EFT53185	04/10/2019	AVERY AIRCONDITIONING PTY LTD	Reactive maintenance repairs- Depot	\$ 657.25	MFS
EFT53186	04/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Oil- BRAC	\$ 308.65	MFS
EFT53187	04/10/2019	BROOME ALI WORKS	Repairs to storm water drain- Mangala Park	\$ 544.50	MFS
EFT53188	04/10/2019	BROOME BOLT SUPPLIES WA PTY LTD	Various nuts and bolts- Depot	\$ 180.40	MFS
EFT53189	04/10/2019	BROOME PROGRESSIVE SUPPLIES	Consumables- Civic Centre	\$ 177.88	MFS
EFT53190	04/10/2019	BROOME SCOOTERS PTY LTD (KIMBERLEY MOWERS & SPARES)	Repairs- TS800 Chainsaw	\$ 170.00	MFS
EFT53193	04/10/2019	EAST TO WEST DATA & ELECTRICAL SERVICES	Genset maintenance- IT	\$ 177.10	MFS
EFT53195	04/10/2019	FLOWERS ON SAVILLE STREET	Flowers- HR	\$ 100.00	MFS
EFT53198	04/10/2019	NORTH WEST COAST SECURITY	Security- Various	\$ 15,202.00	MFS
EFT53199	04/10/2019	NORTH WEST LOCKSMITHS	Re key the kitchen door- KRO 2	\$ 125.00	MFS
EFT53200	04/10/2019	NORTH WEST STRATA SERVICES	Levies staff housing- 17 Honeyeater	\$ 604.00	MFS
EFT53201	04/10/2019	NYAMBA BURU YAWURU LTD	Stage 2 Fees Interp and Artwork (RFQ18/55)- Town Beach	\$ 3,513.40	MFS
EFT53203	04/10/2019	PMK WELDING & METAL FABRICATION	Pre punch 30 panels- Chinatown	\$ 1,039.50	MFS
EFT53204	04/10/2019	POOL WISDOM	Chemicals (RFQ19/63)- BRAC	\$ 1,568.24	MFS
EFT53205	04/10/2019	SECURITY & TECHNOLOGY SERVICES - NORWEST	CCTV works- Chinatown	\$ 6,674.36	MFS
EFT53207	04/10/2019	TERRITORY RURAL BROOME	Sprinkler gear drive- P&G	\$ 1,536.00	MFS
EFT53209	04/10/2019	TOTALLY WORKWEAR	Uniform- Rangers	\$ 2,445.00	MFS
EFT53214	04/10/2019	MIRANDA JOHNSTONE	Late Night Ball referee PCYC- Community	\$ 100.00	MFS
EFT53215	04/10/2019	ROADLINE CIVIL CONTRACTORS	Road formation(RFT18/02)- Infrastructure	\$ 14,049.76	MFS
EFT53239	14/10/2019	SHIRE OF BROOME	BSL COMMISSION SEPTEMBER 2019	\$ 150.00	MFS
EFT53241	16/10/2019	ST MARYS COLLEGE - SECONDARY	Sponsorship Taji Cultural Exchange Program- Community	\$ 5,500.00	MFS
EFT53247	17/10/2019	ACOR CONSULTANTS (WA) PTY LTD	Consultants (RFQ18/68)- Chinatown Revitalisation Project	\$ 7,222.47	MFS
EFT53249	17/10/2019	BROOME SMALL MAINTENANCE SERVICES	Repairs- Haas St Office	\$ 296.50	MFS

EFT53251	17/10/2019	BULLDOGS ELECTRICAL & MAINTENANCE	Repairs to fuel pumps- Depot	\$ 143.00	MFS
EFT53253	17/10/2019	CARPET PAINT & TILE CENTRE	Pool repairs- BRAC	\$ 320.00	MFS
EFT53254	17/10/2019	COAST & COUNTRY ELECTRICS	Final claim (RFQ19/41)- BRAC	\$ 15,388.87	MFS
EFT53260	17/10/2019	KIMBERLEY BOOKSHOP	Books- Library	\$ 172.80	MFS
EFT53261	17/10/2019	KIMBERLEY TRUSS (NORTRUSS (NT) PTY LTD)	Rollomatic lam chain bar- Chainsaws	\$ 91.54	MFS
EFT53267	17/10/2019	NORTH WEST COAST SECURITY	Security for wedding- Civic Centre	\$ 605.00	MFS
EFT53268	17/10/2019	NORTH WEST LOCKSMITHS	Bilock keys- WMF	\$ 162.00	MFS
EFT53269	17/10/2019	OASIS EATERY	Consumables- General Meeting & CEO15	\$ 54.00	MFS
EFT53270	17/10/2019	PEARL COAST GLASS & WINDOWS	Glass repairs- KRO1	\$ 4,024.66	MFS
EFT53271	17/10/2019	PINDAN PRINTING	Membership cards- Library	\$ 369.60	MFS
EFT53272	17/10/2019	PMK WELDING & METAL FABRICATION	Tail gate hinge repairs- Hino FG 500 Series	\$ 835.64	MFS
EFT53273	17/10/2019	POOL WISDOM	Chlorine (RFQ19-63)- BRAC	\$ 1,709.84	MFS
EFT53275	17/10/2019	ROADLINE CIVIL CONTRACTORS	Green Space Project claim 5 (RFT18-09)- Town Beach	\$ 588,683.67	MFS
EFT53276	17/10/2019	ROEBUCK BAY WORKING GROUP	Travel assistance- CEO Adhoc sponsorship	\$ 990.00	MFS
EFT53277	17/10/2019	SPORTSPOWER BROOME	Equipment- BRAC Group Fitness Program	\$ 1,322.50	MFS
EFT53278	17/10/2019	TERRY PATTERSON BUILDER (DEVERE CORPORATION PTY LTD)	Replace gas struts- Beach lifeguard trailer	\$ 220.00	MFS
EFT53283	17/10/2019	AAAA BETTA SWIFT WINDSCREENS	Windscreen replacement- Holden Colorado	\$ 132.00	MFS
EFT53284	17/10/2019	ABLE ELECTRICAL (WA) PTY LTD	Rewire lights- Sam Su Lang	\$ 1,914.00	MFS
EFT53285	17/10/2019	BK SIGNS (HALLIDAY ENTERPRISES PTY LTD)	Ali removable signs- Rangers Equipment	\$ 1,287.00	MFS
EFT53286	17/10/2019	BROOME ALI WORKS	Fabricate bull bar pipe holding bracket- Holden Colorado	\$ 1,470.28	MFS
EFT53287	17/10/2019	BROOME DOCTORS PRACTICE PTY LTD	Pre-employment medical- Recruitment Expenses	\$ 1,003.00	MFS
EFT53288	17/10/2019	BROOME FURNISHINGS	Coffee table- Building	\$ 289.00	MFS
EFT53289	17/10/2019	BROOME VETERINARY HOSPITAL	Veterinary costs- Rangers	\$ 6,540.75	MFS
EFT53292	17/10/2019	FOOTPRINT CLEANING (FORMERLY REGIONAL ASSET MANAGEMENT SERVICES)	Cleaning- Various	\$ 43,822.70	MFS
EFT53293	17/10/2019	FUEL TRANS AUSTRALIA PTY LTD T/A RECHARGE PETROLEUM (BP BROOME CENTRAL)	Unleaded bulk drum- Depot	\$ 735.54	MFS
EFT53299	17/10/2019	PRINTING IDEAS	Prospectus- Chinatown	\$ 39.05	MFS
EFT53304	17/10/2019	TOTALLY WORKWEAR	Uniforms- HR	\$ 284.00	MFS
EFT53309	18/10/2019	BROOME BOLT SUPPLIES WA PTY LTD	Pure epoxy injection- Depot	\$ 339.90	MFS
EFT53310	18/10/2019	BROOME BUILDERS PTY LTD	Repairs to the foot bridge- Cable Beach	\$ 1,634.00	MFS
EFT53311	18/10/2019	BROOME CLARK POOLS & SPAS BROOME	Pool Equipment- BRAC	\$ 160.12	MFS
EFT53312	18/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Service- Hino 300 Series	\$ 3,038.15	MFS

EFT53313	18/10/2019	BROOME POWDERCOATING	Sandblasting & powder coating tree guards- Town Beach	\$ 5,940.00	MFS
EFT53314	18/10/2019	BROOME PROGRESSIVE SUPPLIES	Milk- Admin building	\$ 31.64	MFS
EFT53315	18/10/2019	BROOME TOWING & SALVAGE	Abandoned vehicle towing- Rangers	\$ 176.00	MFS
EFT53316	18/10/2019	BROOME CRETE	Concrete- Old Broome	\$ 1,719.30	MFS
EFT53318	18/10/2019	DFP RECRUITMENT (PINDAN LABOUR SOLUTIONS PTY LTD)	Temporary staff- IT	\$ 9,395.10	MFS
EFT53319	18/10/2019	EAST TO WEST DATA & ELECTRICAL SERVICES	Street lighting (RFQ19/71)- Various locations	\$ 35,823.70	MFS
EFT53324	18/10/2019	KIMBERLEY CAMPING & OUTBACK SUPPLIES	Mosquito head net- Depot	\$ 31.27	MFS
EFT53325	18/10/2019	KIMBERLEY GOLD PURE DRINKING WATER	Water- WMF	\$ 341.00	MFS
EFT53326	18/10/2019	KIMBERLEY SIGNS & DESIGNS	Signage- BRAC	\$ 85.80	MFS
EFT53327	18/10/2019	OFFICE NATIONAL BROOME	Stationary order- Library	\$ 569.93	MFS
EFT53333	23/10/2019	AGUNYA LTD	Refurbishment- Community Safety Projects	\$ 1,100.00	MFS
EFT53334	23/10/2019	BEST KIMBERLEY COMPUTING	Copier charges C7785- Admin office	\$ 6,156.40	MFS
EFT53335	23/10/2019	BROOME MOTORS	Service- Isuzu MUX 4x4 SUV	\$ 1,429.11	MFS
EFT53336	23/10/2019	BROOME PLUMBING & GAS	System check and flush- Haynes Oval Pavilion	\$ 125.00	MFS
EFT53337	23/10/2019	CLEANAWAY INDUSTRIES PTY LTD (BROOME TOXFREE)	Waste collection- Various	\$ 4,823.29	MFS
EFT53338	23/10/2019	COAST & COUNTRY ELECTRICS	Change halogen globes to LED- Haas St Office	\$ 4,650.60	MFS
EFT53339	23/10/2019	COASTAL DISTRIBUTING & PROVEDORING (CDP)	Ice cream stock- BRAC	\$ 1,606.06	MFS
EFT53345	23/10/2019	KIMBERLEY GOLD PURE DRINKING WATER	Water- WMF	\$ 543.00	MFS
EFT53352	23/10/2019	ROADLINE CIVIL CONTRACTORS	Hire of Komatsu loader- Town Beach Reserve Upgrade	\$ 2,200.00	MFS
EFT53353	23/10/2019	ROEBUCK TREE SERVICE	Tree maintenance- Old Broome	\$ 2,400.00	MFS
EFT53358	23/10/2019	SECURITY & TECHNOLOGY SERVICES - NORWEST	Supply and install access card readers- Library	\$ 8,998.65	MFS
EFT53361	23/10/2019	STREETER & MALE PTY LTD	Newspaper- Library	\$ 188.15	MFS
EFT53364	23/10/2019	TERRITORY RURAL BROOME	Consumables- Cape Leveque Road	\$ 1,588.81	MFS
EFT53365	23/10/2019	TERRY PATTERSON BUILDER (DEVERE CORPORATION PTY LTD)	Light pole maintenance- Haynes Oval	\$ 1,947.00	MFS
EFT53366	23/10/2019	THINK WATER BROOME	Parts- P&G	\$ 5,467.63	MFS
EFT53368	23/10/2019	TOTALLY WORKWEAR	Polarized safety glasses- Depot	\$ 3,078.20	MFS
EFT53372	24/10/2019	BROOME FIRST NATIONAL REAL ESTATE	Staff rent- November Rent 2019	\$ 6,114.83	MFS
EFT53373	24/10/2019	HUTCHINSON REAL ESTATE	Staff rent- November Rent 2019	\$ 6,300.60	MFS
EFT53374	24/10/2019	KATHRYN KIMBER & GRANT ASTLES	Staff rent- November Rent 2019	\$ 2,824.40	MFS
EFT53375	24/10/2019	PRD NATIONWIDE	Staff rent- November Rent 2019	\$ 5,091.66	MFS
EFT53376	24/10/2019	RAY WHITE BROOME	Staff rent- November Rent 2019	\$ 5,475.00	MFS

EFT53377	24/10/2019	REALMARK BROOME	Staff rent- November Rent 2019	\$ 3,910.71	MFS
EFT53378	24/10/2019	RICHARD & SUSAN BARTLETT & THOMAS	Staff rent- November Rent 2019	\$ 2,607.14	MFS
EFT53379	24/10/2019	ROGER STUART HOCKEY	Staff rent- November Rent 2019	\$ 1,520.83	MFS
EFT53400	24/10/2019	ALVIN SANTIAGO	Refund swimming lessons- BRAC	\$ 135.00	MFS
EFT53401	24/10/2019	DENISE BAINBRIDGE	Reimbursement morning tea- BRAC	\$ 48.40	MFS
EFT53403	24/10/2019	IAN CHESTER	Reimbursement postage- BRAC	\$ 14.20	MFS
EFT53406	25/10/2019	ACOR CONSULTANTS (WA) PTY LTD	Consultants (RFQ18/68)- Chinatown Revitalisation Project	\$ 26,292.21	MFS
EFT53407	25/10/2019	ALLPEST (BROOME PEST CONTROL)	Pest control- BRAC	\$ 66.00	MFS
EFT53409	25/10/2019	BROOME BOAT SHOP	Generator- P&G	\$ 1,800.00	MFS
EFT53410	25/10/2019	BROOME CLARK POOLS & SPAS BROOME	Monthly pool service- Staff housing	\$ 182.38	MFS
EFT53411	25/10/2019	BROOME PROGRESSIVE SUPPLIES	Consumables- BRAC	\$ 983.70	MFS
EFT53412	25/10/2019	BROOME SMALL ENGINE SERVICES	Diagnose and fix small plant- Pressure cleaner	\$ 505.18	MFS
EFT53413	25/10/2019	BROOME SMALL MAINTENANCE SERVICES	Maintenance- KRO1	\$ 300.00	MFS
EFT53414	25/10/2019	BROOME TOWING & SALVAGE	Abandoned vehicle towing- Rangers	\$ 880.00	MFS
EFT53415	25/10/2019	BROOME CRETE	Concrete blocks- WMF	\$ 5,322.57	MFS
EFT53417	25/10/2019	CABLE BEACH ELECTRICAL SERVICE	Switchboard repairs- Depot	\$ 1,314.50	MFS
EFT53418	25/10/2019	CABLE BEACH TYRE SERVICE PTY LTD (GOODYEAR AUTOCARE BROOME)	Tyres- John Deere 672G Grader	\$ 3,722.50	MFS
EFT53420	25/10/2019	CLEANAWAY INDUSTRIES PTY LTD (BROOME TOXFREE)	Recycling collection (RFT14/01)- Kerbside Recycling Collection	\$ 99,805.65	MFS
EFT53422	25/10/2019	FIELD AIR CONDITIONING & AUTO ELECTRICAL PTY LTD	Back up alarm- Rosmech Mistral Road Sweeper	\$ 89.45	MFS
EFT53424	25/10/2019	GLASS CO KIMBERLEY (FORMALLY KIMBERLEY GLASS SERVICE)	Replacement glass- Town Beach Cafe	\$ 1,839.20	MFS
EFT53426	25/10/2019	GREAT NORTHERN LOGISTICS PTY LTD	Septic waste collection- Gantheaume Point Ablutions	\$ 568.50	MFS
EFT53433	25/10/2019	KO CONTRACTING	Hatch line mark- Shire Carpark	\$ 1,105.50	MFS
EFT53434	25/10/2019	LAIRD TRAN STUDIO	Additional design services- Surf Life Saving Club	\$ 2,085.05	MFS
EFT53437	25/10/2019	MCMULLEN NOLAN GROUP PTY LTD (MNG)	Cemetery Plot Setout- Engineering	\$ 319.00	MFS
EFT53439	25/10/2019	OFFICE NATIONAL BROOME	Cartridge replacement- Depot	\$ 739.11	MFS
EFT53440	25/10/2019	PIVOTAL (LEADING EDGE COMPUTERS)	WIFI(RFQ19-11)- Chinatown project	\$ 54,223.40	MFS
EFT53441	25/10/2019	QUIC DIG PTY LTD	Supply labour and equipment- Dampier Tce	\$ 632.50	MFS
EFT53447	30/10/2019	A PLUS EVENTS & HIRE	Equipment- Shire Christmas Party	\$ 320.00	MFS
EFT53448	30/10/2019	ALLVOLTS POWER SOLUTIONS PTY LTD	Car battery- Various	\$ 397.74	MFS

EFT53451	30/10/2019	AVERY AIRCONDITIONING PTY LTD	Servicing of 4 APAC units- Broome Visitors Centre	\$ 727.50	MFS
EFT53452	30/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Consumables- BRAC	\$ 102.06	MFS
EFT53453	30/10/2019	BK SIGNS (HALLIDAY ENTERPRISES PTY LTD)	Marine Grade Padlocks- Rangers	\$ 181.50	MFS
EFT53454	30/10/2019	BOAB FENCING	Fencing repairs- Matsumoto Courts	\$ 357.50	MFS
EFT53456	30/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Parts- Various machinery	\$ 3,425.20	MFS
EFT53457	30/10/2019	BROOME DOCTORS PRACTICE PTY LTD	Pre-employment medical- Recruitment Expenses	\$ 335.50	MFS
EFT53458	30/10/2019	BROOME PROGRESSIVE SUPPLIES	Milk- Admin office	\$ 31.64	MFS
EFT53459	30/10/2019	BROOME SMALL MAINTENANCE SERVICES	Repairs to fire latch door- BRAC	\$ 1,061.50	MFS
EFT53460	30/10/2019	BROOME TOYOTA	Windshield- Holden Colorado	\$ 549.59	MFS
EFT53461	30/10/2019	BROOME TRANSIT- BROOME TAXIS	Bus Hire- Councillor Workshop	\$ 360.00	MFS
EFT53462	30/10/2019	BROOME CRETE	Concrete- Guy Street	\$ 1,108.80	MFS
EFT53463	30/10/2019	CABLE BEACH ELECTRICAL SERVICE	Electrical maintenance- BRAC	\$ 2,508.00	MFS
EFT53466	30/10/2019	COASTAL DISTRIBUTING & PROVIDING (CDP)	Consumables- BRAC	\$ 470.45	MFS
EFT53469	30/10/2019	FIELD AIR CONDITIONING & AUTO ELECTRICAL PTY LTD	LED Strobe Lights- John Deere Ride on Mower	\$ 633.50	MFS
EFT53470	30/10/2019	FIRE & SAFETY SERVICES	Isolate fire alarm- KRO2	\$ 264.00	MFS
EFT53473	30/10/2019	GENERATORS & OFF GRID ENERGY	PV System health check- Civic Centre	\$ 770.00	MFS
EFT53481	30/10/2019	JAYE SMOKER (UNBOUND SOUND)	Equipment hire- Civic Centre	\$ 750.00	MFS
EFT53483	30/10/2019	KIMBERLEY CAMPING & OUTBACK SUPPLIES	Uniform- Protective Clothing & Equipment	\$ 133.25	MFS
EFT53484	30/10/2019	KO CONTRACTING	Finish exposed agg concrete- Carnarvon Street	\$ 1,496.00	MFS
EFT53486	30/10/2019	LAIRD TRAN STUDIO	Detail Design 30%- KRO2	\$ 2,308.68	MFS
EFT53487	30/10/2019	LANDMARK OPERATIONS LTD	Fertiliser- Various Lawns	\$ 9,280.10	MFS
EFT53490	30/10/2019	MINSHULL MECHANICAL REPAIRS	Tools- Workshop	\$ 1,156.60	MFS
EFT53491	30/10/2019	NORTH WEST COAST SECURITY	Security- Civic Centre	\$ 1,331.00	MFS
EFT53492	30/10/2019	NYAMBA BURU YAWURU LTD	Cultural monitors- Short St- Paspaley Carnarvon	\$ 1,056.00	MFS
EFT53493	30/10/2019	OFFICE NATIONAL BROOME	Copier charges- IT	\$ 256.32	MFS
EFT53495	30/10/2019	POOL WISDOM	Chemicals (RFQ19/63)- BRAC	\$ 2,676.20	MFS
EFT53496	30/10/2019	QUIC DIG PTY LTD	Service location and potholing- McDaniel Road	\$ 5,016.00	MFS
EFT53498	30/10/2019	RED DIRT PRESSURE CLEANING	High pressure clean- Carnarvon street	\$ 1,100.00	MFS
EFT53499	30/10/2019	REEN AUTO ELECTRICS	Repairs- Compactor Bomag	\$ 2,289.00	MFS
EFT53503	31/10/2019	ALLPEST (BROOME PEST CONTROL)	Pest control- Haynes Oval Pavilion	\$ 407.00	MFS
EFT53504	31/10/2019	ATEA CONSULTING	Consultant- Town Beach Jetty Promotional Video	\$ 440.00	MFS
EFT53505	31/10/2019	AVERY AIRCONDITIONING PTY LTD	Repair ice machine- Depot	\$ 697.64	MFS
EFT53506	31/10/2019	BIDFOOD (PREVIOUSLY GOLDLINE DISTRIBUTORS)	Consumables- BRAC	\$ 1,097.36	MFS
EFT53508	31/10/2019	BOAB FENCING	Re-meshing- BRAC	\$ 770.00	MFS

EFT53509	31/10/2019	BROOME BETTA HOME LIVING	TV- Staff Housing	\$ 599.00	MFS
EFT53510	31/10/2019	BROOME CLARK POOLS & SPAS BROOME	Rubber Tube- Rosmech Mistral Road Sweeper	\$ 8.96	MFS
EFT53511	31/10/2019	BROOME DIESEL & HYDRAULIC SERVICE	Parts- Trailer Howard Porter Supalift	\$ 2,022.95	MFS
EFT53512	31/10/2019	BROOME SENIOR HIGH SCHOOL	Ad Hoc Sponsorship- Venue hire assistance 2019	\$ 1,000.00	MFS
EFT53513	31/10/2019	BROOME SMALL ENGINE SERVICES	Service and repair- Crommelins plate compactor	\$ 457.78	MFS
EFT53514	31/10/2019	BROOME SMALL MAINTENANCE SERVICES	Pool fence maintenance- Staff Housing	\$ 448.00	MFS
EFT53515	31/10/2019	BROOME TREE & PALM SERVICE	Mulch delivery- Depot	\$ 1,458.60	MFS
EFT53516	31/10/2019	COASTAL DISTRIBUTING & PROVEDORING (CDP)	Consumables- BRAC	\$ 765.53	MFS
EFT53517	31/10/2019	POOL WISDOM	Chemicals (RFQ19/63)- BRAC	\$ 1,244.43	MFS
EFT53520	31/10/2019	ROEBUCK BAY HOTEL	Consumables- Depot	\$ 232.95	MFS
EFT53524	31/10/2019	STRATCO WA PTY LTD	Bracket- Male Court	\$ 32.25	MFS
EFT53525	31/10/2019	STREETER & MALE PTY LTD	Truck box- Truck 2WD Dual Cab	\$ 839.45	MFS
EFT53526	31/10/2019	SUBWAY BROOME	Consumables- General Meeting & CEO15	\$ 359.00	MFS
EFT53528	31/10/2019	TERRITORY RURAL BROOME	Gypsum- Town Beach Reserve	\$ 7,914.89	MFS
EFT53530	31/10/2019	TOTAL SAFETY & FIRE SOLUTIONS (NORTH WEST FIRE PROTECTION)	Materials- Depot	\$ 369.00	MFS
EFT53531	31/10/2019	TOTALLY WORKWEAR	PPE/ Uniform- Shire various departments	\$ 2,092.85	MFS
EFT53532	31/10/2019	TYREPOWER BROOME	Tyres- Holden Colorado	\$ 1,210.00	MFS
MUNICIPAL ELECTRONIC FUNDS TRANSFER TOTAL:				\$2,441,693.34	
MUNICIPAL CHEQUES - OCTOBER 2019					
DD#	Date	Name	Description	Amount	Del Auth
57615	02/10/2019	JULIE FAYE NICHOLAS	Refund- Library	\$ 6.80	MFS
57616	02/10/2019	SHIRE OF BROOME	Library- Petty Cash	\$ 154.44	MFS
57617	02/10/2019	TARGET AUSTRALIA PTY LTD	Books- Library	\$ 148.83	MFS
57619	24/10/2019	SHIRE OF BROOME	Petty cash- Admin	\$ 680.58	MFS
MUNICIPAL ELECTRONIC FUNDS TRANSFER TOTAL:				\$990.65	
TRUST CHEQUES - OCTOBER 2019					
DD#	Date	Name	Description	Amount	Del Auth
					MFS
					MFS
TRUST CHEQUES TOTAL:				\$0.00	
MUNICIPAL DIRECT DEBIT/CREDIT CARD PAYMENTS - OCTOBER 2019					
DD#	Date	Name	Description	Amount	Del Auth
DD27189.1	25/10/2019	DEPARTMENT OF WATER AND ENVIRONMENTAL REGULATION	Application fee for clearing permit- Town Beach Development (credit card payment 04.10.19)	\$ 2,000.00	MFS
					MFS
MUNICIPAL DIRECT DEBIT TOTAL:				\$2,000.00	

			MUNICIPAL ELECTRONIC TRANSFER TOTAL	\$2,441,693.34	
			MUNICIPAL CHEQUES TOTAL	\$990.65	
			TRUST CHEQUE TOTAL	\$0.00	
			MUNICIPAL DIRECT DEBIT/ CREDIT CARD TOTAL	\$2,000.00	
			TOTAL PAYMENTS - OCTOBER 2019	\$2,444,683.99	

There were minor typographical errors on page 19 of attachment 1 that were amended for the purposes of the agenda and circulated to Councillors prior to the meeting.

9.4.5 MONTHLY STATEMENT OF FINANCIAL ACTIVITY REPORT OCTOBER 2019

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	FRE02
AUTHOR:	Manager Financial Services
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	12 November 2019

SUMMARY: Council is required by legislation to consider and adopt the Monthly Statement of Financial Activity Report for the period ended 31 October 2019, as required by Regulation 34(1) of the *Local Government (Financial Management) Regulations 1996* (FMR).

Council is further provided with a General Fund Summary of Financial Activity (Schedules 2 to 14) which provides comprehensive information on Council's operations by Function and Activity.

BACKGROUND

Previous Considerations

Council is provided with the Monthly Financial Activity Report which has been developed in line with statutory reporting standards and provides Council with a holistic overview of the operations of the Shire of Broome.

Supplementary information has been provided in the form of Notes to the Monthly Report and a General Fund Summary of Financial Activity, which discloses Council's Revenue and Expenditure in summary form, by Programme (Function and Activity).

Disclosure and supply of appropriate explanations for variances presented in the Statement of Financial Activity, is mandatory under FMR 34(2)(b) as stated in Policy 2.2.2 Materiality in Financial Reporting.

FMR 34(5) requires a local government to adopt a percentage or value, calculated in accordance with the Australian Accounting Standards (AAS) and Council's adopted risk management matrix thresholds, to be used in statements of financial activity for reporting material variances.

COMMENT

The 2019/20 Annual Budget was adopted at the Ordinary Meeting of Council on 27 June 2019.

The following are key indicators supporting the year to-date budget position with respect to the Annual Forecast Budget:

Budget Year elapsed	33.61%
Total Rates Raised Revenue	100% (of which 70.94% has been collected)
Total Other Operating Revenue	31%
Total Operating Expenditure	28%
Total Capital Revenue	16%
Total Capital Expenditure	19%
Total Sale of Assets Revenue	26%

More detailed explanations of variances are contained in Note 2 of the Monthly Statement of Financial Activity. The commentary identifies material variations between the expected year-to-date budget position and the position at the reporting date.

Based on the 2019/20 Annual Budget presented at the Ordinary Meeting of Council on 27 June 2019, Council adopted a balanced budget to 30 June 2020.

CONSULTATION

Nil.

STATUTORY ENVIRONMENT

Local Government (Financial Management) Regulations 1996

34. Financial activity statement report — s. 6.4

(1A) *In this regulation —*

“committed assets” means revenue unspent but set aside under the annual budget for a specific purpose.

- (1) *A local government is to prepare each month a statement of financial activity reporting on the sources and applications of funds, as set out in the annual budget under regulation 22(1)(d), for that month in the following detail —*
 - (a) *annual budget estimates, taking into account any expenditure incurred for an additional purpose under section 6.8(1)(b) or (c);*
 - (b) *budget estimates to the end of the month to which the statement relates;*
 - (c) *actual amounts of expenditure, revenue and income to the end of the month to which the statement relates;*
 - (d) *material variances between the comparable amounts referred to in paragraphs (b) and (c); and*
 - (e) *the net current assets at the end of the month to which the statement relates*
- (2) *Each statement of financial activity is to be accompanied by documents containing —*
 - (a) *an explanation of the composition of the net current assets of the month to which the statement relates, less committed assets and restricted assets;*
 - (b) *an explanation of each of the material variances referred to in sub regulation (1)(d); and*
 - (c) *such other supporting information as is considered relevant by the local government.*

- (3) The information in a statement of financial activity may be shown —
 - (a) according to nature and type classification;
 - (b) by program; or
 - (c) by business unit.
- (4) A statement of financial activity, and the accompanying documents referred to in sub regulation (2), are to be —
 - (a) presented at an ordinary meeting of the council within 2 months after the end of the month to which the statement relates; and
 - (b) recorded in the minutes of the meeting at which it is presented.
- (5) Each financial year, a local government is to adopt a percentage or value, calculated in accordance with the AAS, to be used in statements of financial activity for reporting material variances.

Local Government Act 1995

6.8. Expenditure from municipal fund not included in annual budget

- (1) A local government is not to incur expenditure from its municipal fund for an additional purpose except where the expenditure —
 - (a) is incurred in a financial year before the adoption of the annual budget by the local government;
 - (b) is authorised in advance by resolution*; or
 - (c) is authorised in advance by the mayor or president in an emergency.
- * Absolute majority required.

- (1a) In subsection (1) —

“additional purpose” means a purpose for which no expenditure estimate is included in the local government’s annual budget.
- (2) Where expenditure has been incurred by a local government —
 - (a) pursuant to subsection (1)(a), it is to be included in the annual budget for that financial year; and
 - (b) pursuant to subsection (1)(c), it is to be reported to the next ordinary meeting of the council.

POLICY IMPLICATIONS

2.2.2 Materiality in Financial Reporting

FINANCIAL IMPLICATIONS

The adoption of the Monthly Financial Report is retrospective. Accordingly, the financial implications associated with adopting the Monthly Financial Report are nil.

RISK

The Financial Activity report is presented monthly and provides a retrospective picture of the activities at the Shire. Contained within the report is information pertaining to the financial cost and delivery of strategic initiatives and key projects.

In order to mitigate the risk of budget over-runs or non-delivery of projects, the Chief Executive Officer has implemented internal control measures such as regular Council and management reporting and the quarterly Finance and Costing Review (FACR) process to monitor financial performance against budget estimates. Materiality reporting thresholds

have been established at half the adopted Council levels, which equate to \$5,000 for operating budget line items and \$10,000 for capital items, to alert management prior to there being irreversible impacts.

It should also be noted that there is an inherent level of risk of misrepresentation of the financials through either human error or potential fraud. The establishment of control measures through a series of efficient systems, policies and procedures, which fall under the responsibility of the CEO as laid out in the *Local Government (Financial Management Regulations) 1996* regulation 5, seek to mitigate the possibility of this occurring. These controls are set in place to provide daily, weekly and monthly checks to ensure that the integrity of the data provided is reasonably assured.

STRATEGIC IMPLICATIONS

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population:

Affordable and equitable services and infrastructure

Affordable land for residential, industrial, commercial and community use

Key economic development strategies for the Shire which are aligned to regional outcomes working through recognised planning and development groups/committees

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

An organisational culture that strives for service excellence

Sustainable and integrated strategic and operational plans

Responsible resource allocation

Effective community engagement

Improved systems, processes and compliance

VOTING REQUIREMENTS

Simple Majority

COUNCIL RESOLUTION: (REPORT RECOMMENDATION)

Moved: Cr C Mitchell

Seconded: Cr N Wevers

That Council:

- 1. Adopts the Monthly Financial Activity Report for the period ended 31 October 2019; and**
- 2. Receives the General Fund Summary of Financial Activity (Schedules 2-14) for the period ended 31 October 2019.**

CARRIED UNANIMOUSLY 7/0

Attachments

1. MONTHLY STATEMENT OF FINANCIAL ACTIVITY REPORT OCTOBER 2019
2. SCHEDULE 2
3. SCHEDLUE 3 TO 16

SHIRE OF BROOME
MONTHLY FINANCIAL REPORT
For the Period Ended 31 October 2019

LOCAL GOVERNMENT ACT 1995
LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996

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Shire of Broome

Compilation Report

For the Period Ended 31 October 2019

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 page 3, 4 and 5.
No matters of significance are noted.

Statement of Financial Activity by reporting program

Is presented on page 6 and shows a surplus as at 31 October 2019 of \$18,932,148.

Note: The Statements and accompanying notes are prepared based on all transactions recorded at the time of preparation and may vary.

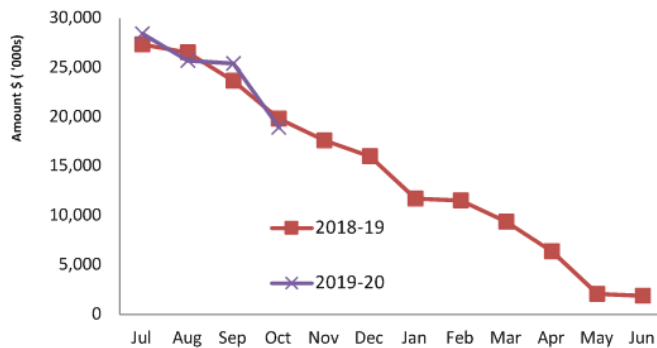
Preparation

Prepared by: Vicki Cobby
Reviewed by: Alvin Santiago
Date prepared: 13/11/2019

Shire of Broome

Monthly Summary Information
For the Period Ended 31 October 2019

Liquidity Over the Year (Refer Note 3)

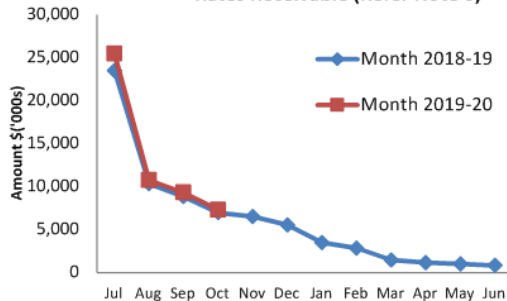
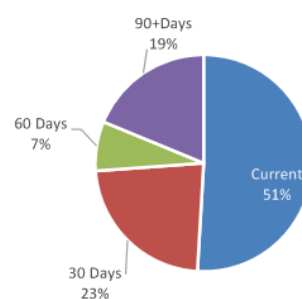
Cash and Cash Equivalents
as at period end

Unrestricted	\$ 15,211,271
Restricted	\$ 35,381,742
	<u>\$ 50,593,013</u>

Receivables

Rates	\$ 6,948,426
Other	\$ 1,188,926
	<u>\$ 8,137,352</u>

Rates Receivable (Refer Note 6)

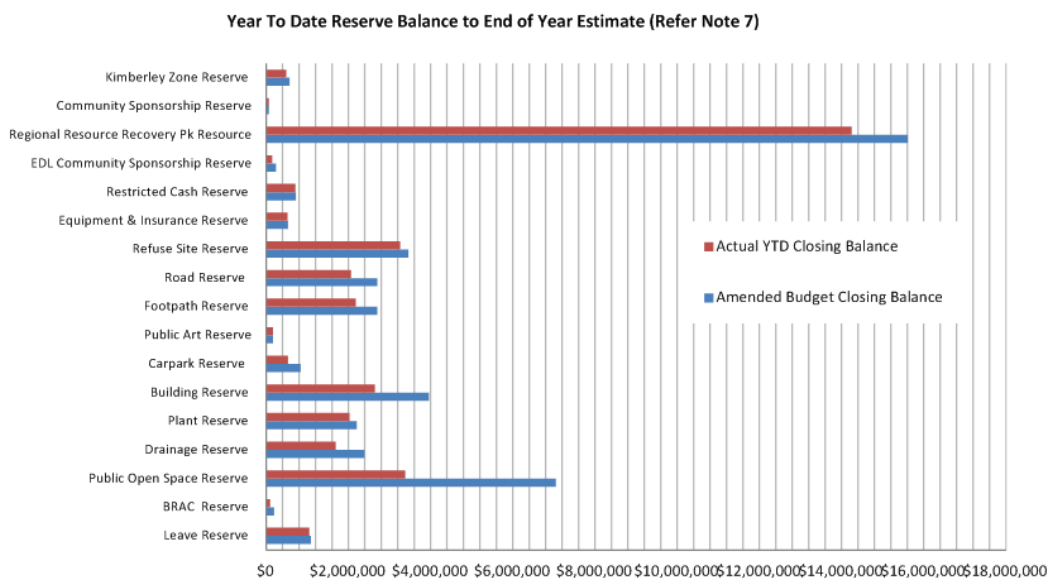
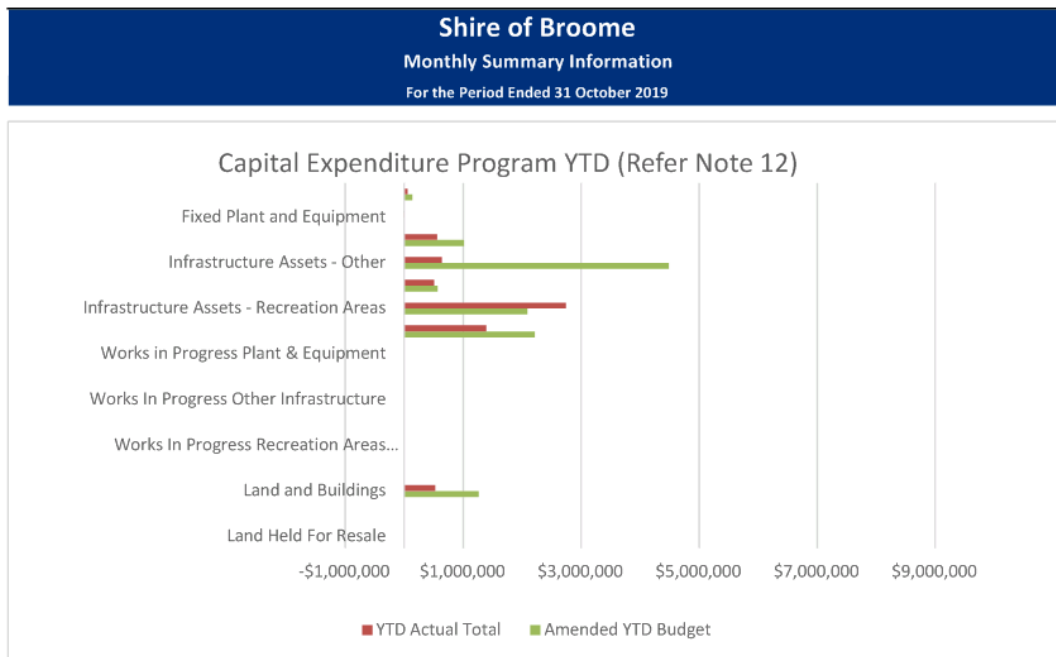
Accounts Receivable Ageing (non-rates)
(Refer Note 6)

Comments

1. Liquidity refers to the Shire of Broome's ability to meet its financial obligations within the current year. Liquidity increased at the start of the financial year by \$26.554M due mainly to the issuance of rates. Liquidity is a combination of unrestricted cash, Current Debtors (including Rates), and Current Creditors. The Shire of Broome's current position (representing liquidity) can be found in Note 3. The recognition of Reserve transfers has also occurred in June 2019 reducing liquidity significantly, as demonstrated by the sharp decline between May and June 2019.

2. Rates were raised in July with payment due 35 days after issuing. Total Rates raised for the year was \$23.16M with total outstanding rates YTD at \$6.95M.

This information is to be read in conjunction with the accompanying Financial Statements and notes.



Comments

*Amended Budget Closing balance is the forecast of the closing balance after all budgeted transfers to and from reserve have been performed. At this time there have been no transactions to or from reserve other than to recognise interest earned on reserve investments. All interest earned on Reserve investments is recorded on reserve at the end of each month.

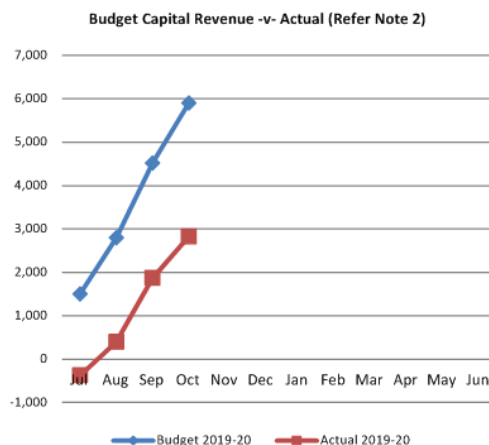
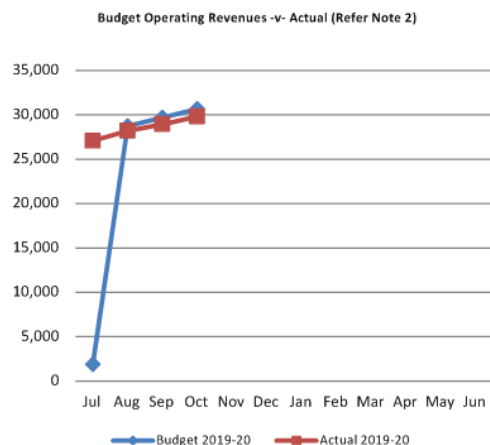
This information is to be read in conjunction with the accompanying Financial Statements and notes.

Shire of Broome

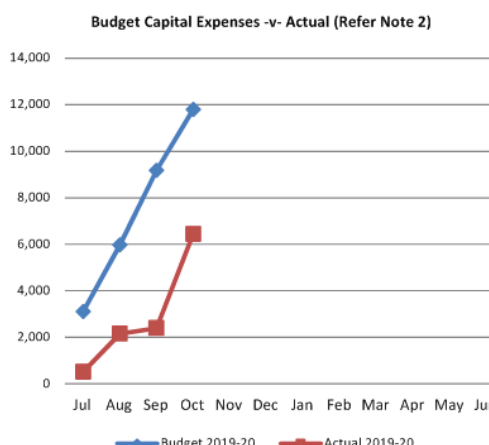
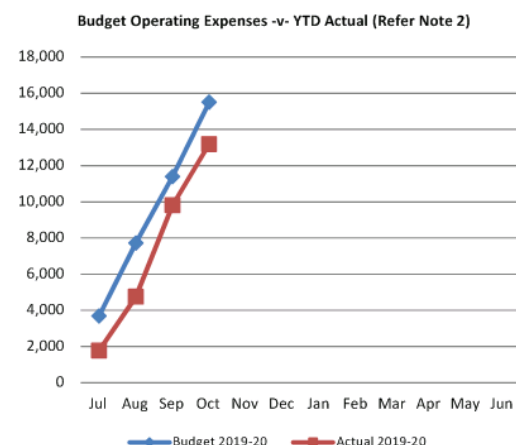
Monthly Summary Information

For the Period Ended 31 October 2019

Revenues



Expenditure



Comments

Explanation on material variances are presented in note 2.

This information is to be read in conjunction with the accompanying Financial Statements and notes.

SHIRE OF BROOME
STATEMENT OF FINANCIAL ACTIVITY
(Statutory Reporting Program)
For the Period Ended 31 October 2019

	Note	Amended Annual Budget (a)	Amended YTD Budget (b)	YTD Actual (c)	%	Var. \$ (c)-(b)	Var. % (c)-(b)/(a)	Var.
Operating Revenues		\$	\$	\$		\$	%	
Governance		440,532	122,052	158,306		36,254	8.23%	
General Purpose Funding - Rates	9	23,272,671	22,956,573	23,437,354		480,781	2.07%	
General Purpose Funding - Other		955,818	318,604	233,433		(85,171)	(8.91%)	
Law, Order and Public Safety		182,885	43,539	27,161		(16,378)	(8.96%)	
Health		187,168	128,509	126,332		(2,177)	(1.16%)	
Education and Welfare		17,000	5,668	10,455		4,787	28.16%	
Housing		751,345	250,432	220,117		(30,315)	(4.03%)	
Community Amenities		7,137,797	4,466,041	4,047,935		(418,106)	(5.86%)	
Recreation and Culture		1,529,675	463,565	382,115		(81,450)	(5.32%)	
Transport		6,036,865	750,193	90,691		(659,502)	(10.92%)	▼
Economic Services		1,196,318	437,539	353,013		(84,526)	(7.07%)	
Other Property and Services		2,281,605	730,194	736,316		6,122	0.27%	
Total Operating Revenue		43,989,679	30,672,909	29,823,228	68%	(849,681)		
Operating Expense								
Governance		(3,042,668)	(982,204)	(577,606)		404,598	13.30%	▲
General Purpose Funding		(289,764)	(71,260)	(57,980)		13,280	4.58%	
Law, Order and Public Safety		(1,380,971)	(457,514)	(373,616)		83,898	6.08%	
Health		(684,329)	(225,580)	(217,741)		7,839	1.15%	
Education and Welfare		(505,242)	(168,112)	(129,100)		39,012	7.72%	
Housing		(862,650)	(288,168)	(233,067)		55,101	6.39%	
Community Amenities		(10,645,910)	(3,704,768)	(2,485,594)		1,219,174	11.45%	▲
Recreation and Culture		(13,651,909)	(4,517,553)	(3,920,473)		597,080	4.37%	
Transport		(10,208,821)	(3,157,774)	(3,296,318)		(138,544)	(1.36%)	
Economic Services		(2,526,920)	(816,237)	(742,039)		74,198	2.94%	
Other Property and Services		(3,385,437)	(1,113,395)	(1,134,892)		(21,497)	(0.63%)	
Total Operating Expenditure		(47,184,621)	(15,502,565)	(13,168,426)	28%	2,334,139		
Funding Balance Adjustments								
Add back Depreciation		11,355,912	3,785,305	3,723,410		(61,895)	(0.55%)	
Adjust (Profit)/Loss on Asset Disposal	8	115,169	11,670	29,360		17,690	15.36%	▲
Adjust Revaluation, Provisions and Accruals		0	0	0		0		
Net Cash from Operations		8,276,139	18,967,319	20,407,572		1,440,253		
Capital Revenues								
Grants, Subsidies and Contributions		16,370,680	5,596,682	2,690,555		(2,906,127)	(17.75%)	▼
Governance		0	0	0		0		
General Purpose Funding		0	0	0		0		
Rates		0	0	0		0		
Other General Purpose Funding		0	0	0		0		
Law, Order and Public Safety		1,200,000	0	0		0		
Health		0	0	0		0		
Education and Welfare		0	0	0		0		
Housing		0	0	0		0		
Community Amenities		158,922	52,972	66,461		13,489	8.49%	
Recreation and Culture		13,051,825	4,691,294	1,534,041		(3,157,253)	(24.19%)	▼
Transport		1,959,933	852,416	1,066,732		214,316	10.93%	▲
Economic Services		0	0	23,321		23,321		▲
Other Property and Services		0	0	0		0		
Proceeds from Disposal of Assets	8	507,909	300,668	133,472	26%	(167,196)	(32.92%)	▼
Total Capital Revenues		16,878,589	5,897,350	2,824,027	16%	(3,073,323)		
Capital Expenses								
Land Held for Resale	12	0	0	0		0		
Land Under Control (Crown Land)	12	0	0	0		0		
Land and Buildings	12	(5,094,547)	(1,267,012)	(528,088)		738,924	14.50%	▲
Works in Progress Land & Buildings	12	0	0	0		0		
Works In Progress Recreation Areas								
Infrastructure	12	0	0	0		0		
Works in Progress - Rds, F/Paths & Bridges	12	0	0	0		0		
Works In Progress Other Infrastructure	12	0	0	0		0		

SHIRE OF BROOME
STATEMENT OF FINANCIAL ACTIVITY
(Statutory Reporting Program)
For the Period Ended 31 October 2019

	Note	Amended Annual Budget (a)	Amended YTD Budget (b)	YTD Actual (c)	%	Var. \$ (c)-(b)	Var. % (c)-(b)/(a)	Var.
Works in Progress Drainage Infrastructure	12	0	0	0		0		
Works in Progress Plant & Equipment	12	0	0	0		0		
Infrastructure Assets - Roads & Footpaths	12	(5,049,892)	(2,215,914)	(1,394,683)		821,231	16.26%	▲
Infrastructure Assets - Recreation Areas	12	(6,082,456)	(2,089,416)	(2,742,024)		(652,608)	(10.73%)	▼
Infrastructure Assets - Drainage	12	(1,113,609)	(569,509)	(509,049)		60,460	5.43%	
Infrastructure Assets - Other	12	(13,195,469)	(4,490,268)	(640,676)		3,849,592	29.17%	▲
Mobile Plant and Equipment	12	(2,180,122)	(1,013,166)	(558,311)		454,855	20.86%	▲
Fixed Plant and Equipment	12	(40,500)	0	(1,051)		(1,051)		
Furniture and Equipment	12	(493,913)	(139,988)	(62,085)		77,903	15.77%	▲
Total Capital Expenditure		(33,250,508)	(11,785,273)	(6,435,967)	19%	5,349,306		
Net Cash from Capital Activities		(16,371,919)	(5,887,923)	(3,611,940)		2,275,983		
Financing								
Proceeds from New Debentures		3,250,000	0	0		0		
Proceeds from Advances		0	0	0		0		
Self-Supporting Loan Principal		0	0	125		125		
Transfer from Reserves	7	7,061,196	423,148	0		(423,148)	(5.99%)	
Advances to Community Groups		(1,250,000)	0	0		0		
Repayment of Debentures	10	(675,348)	0	0		0		
Transfer to Reserves	7	(2,434,295)	(146,762)	(7,836)		138,926	5.71%	
Net Cash from Financing Activities		5,951,553	276,386	(7,711)		(284,097)		
Net Operations, Capital and Financing		(2,144,227)	13,355,782	16,787,921		3,432,139		
Opening Funding Surplus(Deficit)	3	2,144,227	2,144,227	2,144,227		0		
Closing Funding Surplus(Deficit)	3	0	15,500,009	18,932,148		3,432,139		

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 BROOME
STATEMENT OF FINANCIAL ACTIVITY
(By Nature or Type)
For the Period Ended 31 October 2019

	Note	Amended Annual Budget (a)	Amended YTD Budget (b)	YTD Actual (c)	%	Var. \$ (c)-(b)	Var. % (c)-(b)/(a)	Var.
Operating Revenues		\$	\$	\$		\$	%	
Rates	9	22,798,521	22,798,521	23,156,992		358,471	1.57%	
Operating Grants, Subsidies and Contributions		7,677,891	1,305,344	531,707		(773,637)	(10.08%)	▼
Fees and Charges		10,896,001	5,935,206	5,505,643		(429,563)	(3.94%)	
Service Charges		0	0	0		0		
Interest Earnings		1,444,644	265,075	232,800		(32,275)	(2.23%)	
Other Revenue		1,098,490	363,981	395,567		31,586	2.88%	
Profit on Disposal of Assets	8	74,132	4,782	518		(4,264)	(5.75%)	
Total Operating Revenue		43,989,679	30,672,909	29,823,227	68%	(849,682)		
Operating Expense								
Employee Costs		(16,444,365)	(5,408,072)	(4,594,954)		813,118	4.94%	
Materials and Contracts		(13,414,228)	(4,313,464)	(2,806,259)		1,507,205	11.24%	▲
Utility Charges		(1,946,680)	(648,884)	(594,758)		54,126	2.78%	
Depreciation on Non-Current Assets		(11,355,912)	(3,785,305)	(3,723,410)		61,895	0.55%	
Interest Expenses		(147,631)	(7,548)	3,064		10,612	7.19%	
Insurance Expenses		(650,324)	(325,176)	(839,704)		(514,528)	(79.12%)	▼
Other Expenditure		(3,036,181)	(997,664)	(582,529)		415,135	13.67%	▲
Loss on Disposal of Assets	8	(189,301)	(16,452)	(29,878)		(13,426)	(7.09%)	
Total Operating Expenditure		(47,184,622)	(15,502,565)	(13,168,428)	28%	2,334,137		
Funding Balance Adjustments								
Add back Depreciation		11,355,912	3,785,305	3,723,410		(61,895)	(0.55%)	
Adjust (Profit)/Loss on Asset Disposal	8	115,169	11,670	29,360		17,690	15.36%	▲
Adjust Revaluation, Provisions and Accruals		0	0	0		0		
Net Cash from Operations		8,276,138	18,967,319	20,407,569		1,440,250		
Capital Revenues								
Grants, Subsidies and Contributions		16,370,680	5,596,682	2,690,555		(2,906,127)	(17.75%)	▼
Proceeds from Disposal of Assets	8	507,909	300,668	133,472		(167,196)	(32.92%)	▼
Total Capital Revenues		16,878,589	5,897,350	2,824,027	16%	(3,073,323)		
Capital Expenses								
Land Held for Resale	12	0	0	0		0		
Land Under Control (Crown Land)	12	0	0	0		0		
Land and Buildings	12	(5,094,547)	(1,267,012)	(528,088)		738,924	14.50%	▲
Works in Progress Land & Buildings	12	0	0	0		0		
Works In Progress Recreation Areas Infrastructure	12	0	0	0		0		
Works in Progress - Rds, F/Paths & Bridges	12	0	0	0		0		
Works In Progress Other Infrastructure	12	0	0	0		0		
Works in Progress Drainage Infrastructure	12	0	0	0		0		
Works in Progress Plant & Equipment	12	0	0	0		0		
Infrastructure Assets - Roads & Footpaths	12	(5,049,892)	(2,215,914)	(1,394,683)		821,231	16.26%	▲
Infrastructure Assets - Recreation Areas	12	(6,082,456)	(2,089,416)	(2,742,024)		(652,608)	(10.73%)	▼
Infrastructure Assets - Drainage	12	(1,113,609)	(569,509)	(509,049)		60,460	5.43%	
Infrastructure Assets - Other	12	(13,195,468)	(4,490,268)	(640,676)		3,849,592	29.17%	▲
Mobile Plant and Equipment	12	(2,180,122)	(1,013,166)	(558,311)		454,855	20.86%	▲
Fixed Plant and Equipment	12	(40,500)	0	(1,051)		(1,051)		
Furniture and Equipment	12	(493,913)	(139,988)	(62,085)		77,903	15.77%	▲
Total Capital Expenditure		(33,250,507)	(11,785,273)	(6,435,967)	19%	5,349,306		
Net Cash from Capital Activities		(16,371,918)	(5,887,923)	(3,611,940)		2,275,983		
Financing								
Proceeds from New Debentures		3,250,000	0	0		0		
Proceeds from Advances		0	0	0		0		
Self-Supporting Loan Principal		0	0	125		125		
Transfer from Reserves	7	7,061,196	423,148	0		(423,148)	(5.99%)	
Advances to Community Groups		(1,250,000)	0	0		0		
Repayment of Debentures	10	(675,348)	0	0		0		
Transfer to Reserves	7	(2,434,295)	(146,762)	(7,836)		138,926	5.71%	
Net Cash from Financing Activities		5,951,553	276,386	(7,711)		(284,097)		

SHIRE OF BROOME
STATEMENT OF FINANCIAL ACTIVITY
(By Nature or Type)
For the Period Ended 31 October 2019

	Note	Amended Annual Budget (a)	Amended YTD Budget (b)	YTD Actual (c)	%	Var. \$ (c)-(b)	Var. % (c)-(b)/(a)	Var.
Net Operations, Capital and Financing		(2,144,227)	13,355,782	16,787,918		3,432,136		
Opening Funding Surplus(Deficit)	3	2,144,227	2,144,227	2,144,227		0		
Closing Funding Surplus(Deficit)	3	0	15,500,009	18,932,145		3,432,136		

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.

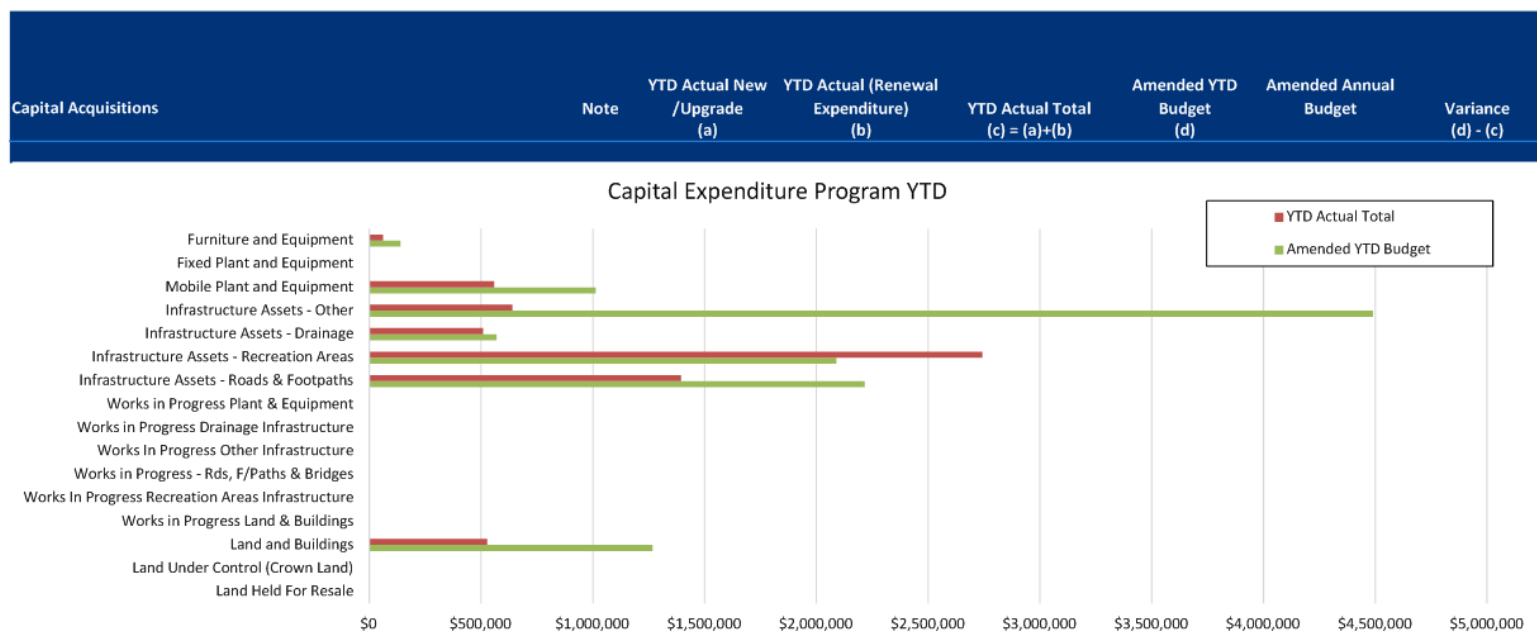
SHIRE OF BROOME
STATEMENT OF CAPITAL ACQUISITIONS AND CAPITAL FUNDING
For the Period Ended 31 October 2019

Capital Acquisitions	Note	YTD Actual New / Upgrade (a)	YTD Actual (Renewal Expenditure) (b)	YTD Actual Total (c) = (a)+(b)	Amended YTD Budget (d)	Amended Annual Budget	Variance (d) - (c)
		\$	\$	\$	\$	\$	\$
Land Held For Resale	12	0	0	0	0	0	0
Land Under Control (Crown Land)	12	0	0	0	0	0	0
Land and Buildings	12	18,528	509,560	528,088	1,267,012	5,094,547	(738,924)
Works in Progress Land & Buildings	12	0	0	0	0	0	0
Works In Progress Recreation Areas Infrastructure	12	0	0	0	0	0	0
Works in Progress - Rds, F/Paths & Bridges	12	0	0	0	0	0	0
Works In Progress Other Infrastructure	12	0	0	0	0	0	0
Works in Progress Drainage Infrastructure	12	0	0	0	0	0	0
Works in Progress Plant & Equipment	12	0	0	0	0	0	0
Infrastructure Assets - Roads & Footpaths	12	479,192	915,491	1,394,683	2,215,914	5,049,892	(821,231)
Infrastructure Assets - Recreation Areas	12	2,667,564	74,460	2,742,024	2,089,416	6,082,456	652,608
Infrastructure Assets - Drainage	12	509,049	0	509,049	569,509	1,113,609	(60,460)
Infrastructure Assets - Other	12	479,637	161,039	640,676	4,490,268	13,195,468	(3,849,592)
Mobile Plant and Equipment	12	46,781	511,530	558,311	1,013,166	2,180,122	(454,855)
Fixed Plant and Equipment	12	1,051	0	1,051	0	40,500	1,051
Furniture and Equipment	12	62,085	0	62,085	139,988	493,913	(77,903)
Capital Expenditure Totals		4,263,887	2,172,080	6,435,967	11,785,273	33,250,507	(5,349,306)

Funded By:

Capital Grants and Contributions	2,690,555	5,596,682	16,370,680	2,906,127
Borrowings	0	0	3,250,000	0
Other (Disposals & C/Fwd)	133,472	300,668	507,909	(167,196)
Total Own Source Funding - Cash Backed Reserves	0	423,148	(6,789,428)	(423,148)
Own Source Funding - Operations	3,611,940	5,464,775	19,911,346	(1,852,835)
Capital Funding Total	6,435,967	11,785,273	33,250,507	(5,349,306)

SHIRE OF BROOME
STATEMENT OF CAPITAL ACQUISITIONS AND CAPITAL FUNDING
For the Period Ended 31 October 2019



SHIRE OF BROOME
STATEMENT OF BUDGET AMENDMENT
(Statutory Reporting Program)
For the Period Ended 31 October 2019

	Adopted Budget	Adopted Budget Amendments (Note 5)	Amended Annual Budget (a)	Amended YTD Budget (b)
	Adopted Budget			
Operating Revenues	\$	\$	\$	\$
Governance	375,532	65,000	440,532	122,052
General Purpose Funding - Rates	23,272,671	0	23,272,671	22,956,573
General Purpose Funding - Other	955,818	0	955,818	318,604
Law, Order and Public Safety	182,885	0	182,885	43,539
Health	187,168	0	187,168	128,509
Education and Welfare	17,000	0	17,000	5,668
Housing	751,345	0	751,345	250,432
Community Amenities	7,137,797	0	7,137,797	4,466,041
Recreation and Culture	1,530,124	(449)	1,529,675	463,565
Transport	1,237,310	4,799,555	6,036,865	750,193
Economic Services	1,163,579	32,739	1,196,318	437,539
Other Property and Services	2,281,605	0	2,281,605	730,194
Total Operating Revenue	39,092,834	4,896,845	43,989,679	30,672,909
Operating Expense				
Governance	(2,970,884)	(206,784)	(3,177,668)	(982,204)
General Purpose Funding	(289,764)	0	(289,764)	(71,260)
Law, Order and Public Safety	(1,375,022)	(5,949)	(1,380,971)	(457,514)
Health	(684,329)	0	(684,329)	(225,580)
Education and Welfare	(505,242)	0	(505,242)	(168,112)
Housing	(862,650)	0	(862,650)	(288,168)
Community Amenities	(9,837,639)	(808,271)	(10,645,910)	(3,704,768)
Recreation and Culture	(13,632,793)	(19,116)	(13,651,909)	(4,517,553)
Transport	(9,373,312)	(835,509)	(10,208,821)	(3,157,774)
Economic Services	(2,462,330)	(64,590)	(2,526,920)	(816,237)
Other Property and Services	(3,367,437)	(18,000)	(3,385,437)	(1,113,395)
Total Operating Expenditure	(45,361,402)	(1,958,219)	(47,319,621)	(15,502,565)
Funding Balance Adjustments				
Add back Depreciation	11,355,912	0	11,355,912	3,785,305
Adjust (Profit)/Loss on Asset Disposal	115,169	0	115,169	11,670
Adjust Provisions and Accruals	0	0	0	0
Net Cash from Operations	5,202,513	2,938,626	8,141,139	18,967,319
Capital Revenues				
Grants, Subsidies and Contributions	16,990,887	(620,207)	16,370,680	5,596,682
Proceeds from Disposal of Assets	585,000	(77,091)	507,909	300,668
Proceeds from Sale of Investments	0	0	0	0
Total Capital Revenues	17,575,887	(697,298)	16,878,589	5,897,350
Capital Expenses				
Land Held for Resale	0	0	0	0
Land Under Control (Crown Land)	0	0	0	0
Land and Buildings	(4,929,493)	(165,054)	(5,094,547)	(1,267,012)
Works in Progress Land & Buildings	0	0	0	0
Works In Progress Recreation Areas Infrastructure	0	0	0	0
Works in Progress - Rds, F/Paths & Bridges	0	0	0	0
Works In Progress Other Infrastructure	0	0	0	0
Works in Progress Drainage Infrastructure	0	0	0	0
Works in Progress Plant & Equipment	0	0	0	0
Infrastructure Assets - Roads & Footpaths	(4,952,493)	(97,399)	(5,049,892)	(2,215,914)
Infrastructure Assets - Recreation Area	(6,124,288)	41,832	(6,082,456)	(2,089,416)
Infrastructure Assets - Drainage	(1,087,483)	(26,126)	(1,113,609)	(569,509)
Infrastructure Assets - Other	(12,956,231)	(239,238)	(13,195,469)	(4,490,288)
Mobile Plant and Equipment	(2,180,170)	48	(2,180,122)	(1,013,166)
Fixed Plant and Equipment	(40,500)	0	(40,500)	0
Furniture and Equipment	(419,959)	(73,954)	(493,913)	(139,988)
Total Capital Expenditure	(32,690,617)	(559,891)	(33,250,508)	(11,785,273)
Net Cash from Capital Activities	(15,114,730)	(1,257,189)	(16,371,919)	(5,887,923)
Financing				
Proceeds from New Debentures	3,250,000	0	3,250,000	0
Proceeds from Advances	0	0	0	0
Self-Supporting Loan Principal	0	0	0	0
Transfer from Reserve:	6,791,051	405,145	7,196,196	423,148
Purchase of Investments	0	0	0	0
Advances to Community Groups	(1,250,000)	0	(1,250,000)	0
Repayment of Debentures	(675,348)	0	(675,348)	0
Transfer to Reserve:	(2,210,246)	(224,049)	(2,434,295)	(146,762)
Net Cash from Financing Activities	5,905,457	181,096	6,086,553	276,386
Net Operations, Capital and Financing	(4,006,760)	1,862,533	(2,144,227)	13,355,782
Opening Funding Surplus(Deficit)	4,006,760	(1,862,533)	2,144,227	2,144,227
Closing Funding Surplus(Deficit)	0	0	0	15,500,009

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

1. SIGNIFICANT ACCOUNTING POLICIES

(a) Basis of Accounting

This statement comprises a general purpose financial report which has been prepared in accordance with Australian Accounting Standards (as they apply to local governments and not-for-profit entities), Australian Accounting Interpretations, other authoritative pronouncements of the Australian Accounting Standards Board, the Local Government Act 1995 and accompanying regulations. Material accounting policies which have been adopted in the preparation of this statement are presented below and have been consistently applied unless stated otherwise.

Except for cash flow and rate setting information, the report has also been prepared on the accrual basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and liabilities.

Critical Accounting Estimates

The preparation of a financial report in conformity with Australian Accounting Standards requires management to make judgements, estimates and assumptions that effect the application of policies and reported amounts of assets and liabilities, income and expenses.

The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances; the results of which form the basis of making the judgements about carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates.

(b) The Local Government Reporting Entity

All Funds through which the Council controls resources to carry on its functions have been included in this statement.

In the process of reporting on the local government as a single unit, all transactions and balances between those funds (for example, loans and transfers between Funds) have been eliminated.

All monies held in the Trust Fund are excluded from the statement, but a separate statement of those monies appears at Note 11.

(c) Rounding Off Figures

All figures shown in this statement are rounded to the nearest dollar.

(d) Rates, Grants, Donations and Other Contributions

Rates, grants, donations and other contributions are recognised as revenues when the local government obtains control over the assets comprising the contributions. Control over assets acquired from rates is obtained at the commencement of the rating period or, where earlier, upon receipt of the rates.

(e) Goods and Services Tax

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO).

Receivables and payables are stated inclusive of GST receivable or payable.

The net amount of GST recoverable from, or payable to, the ATO is included with receivables or payables in the statement of financial position.

Cash flows are presented on a gross basis. The GST components of cash flows arising from investing or financing activities which are recoverable from, or payable to, the ATO are presented as operating cash flows.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

1. SIGNIFICANT ACCOUNTING POLICIES (Continued)

(f) Cash and Cash Equivalents

Cash and cash equivalents include cash on hand, cash at bank, deposits available on demand with banks and other short term highly liquid investments that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value and bank overdrafts.

Bank overdrafts are reported as short term borrowings in current liabilities in the statement of financial position.

(g) Trade and Other Receivables

Trade and other receivables include amounts due from ratepayers for unpaid rates and service charges and other amounts due from third parties for goods sold and services performed in the ordinary course of business.

Receivables expected to be collected within 12 months of the end of the reporting period are classified as current assets. All other receivables are classified as non-current assets.

Collectability of trade and other receivables is reviewed on an ongoing basis. Debts that are known to be uncollectible are written off when identified. An allowance for doubtful debts is raised when there is objective evidence that they will not be collectible.

(h) Inventories

General

Inventories are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale.

Land Held for Resale

Land held for development and sale is valued at the lower of cost and net realisable value. Cost includes the cost of acquisition, development, borrowing costs and holding costs until completion of development. Finance costs and holding charges incurred after development is completed are expensed.

Gains and losses are recognised in profit or loss at the time of signing an unconditional contract of sale if significant risks and rewards, and effective control over the land, are passed on to the buyer at this point.

Land held for sale is classified as current except where it is held as non-current based on Council's intentions to release for sale.

(i) Fixed Assets

All assets are initially recognised at cost. Cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. For assets acquired at no cost or for nominal consideration, cost is determined as fair value at the date of acquisition. The cost of non-current assets constructed by the local government includes the cost of all materials used in the construction, direct labour on the project and an appropriate proportion of variable and fixed overhead.

Certain asset classes may be revalued on a regular basis such that the carrying values are not materially different from fair value. Assets carried at fair value are to be revalued with sufficient regularity to ensure the carrying amount does not differ materially from that determined using fair value at reporting date.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

1. SIGNIFICANT ACCOUNTING POLICIES (Continued)**(j) Depreciation of Non-Current Assets**

All non-current assets having a limited useful life are systematically depreciated over their useful lives in a manner which reflects the consumption of the future economic benefits embodied in those assets.

Depreciation is recognised on a straight-line basis, using rates which are reviewed each reporting period. Major depreciation rates and periods are:

Buildings	40 to 50 years
Construction other than Buildings (Public Facilities)	40 to 50 years
Furniture and Equipment	10 years
Plant and Equipment	4 to 15 years
Roads	15 to 100 years
Footpaths	50 years
Sewerage Piping	60 years
Water Supply Piping and Drainage Systems	60 years

(k) Trade and Other Payables

Trade and other payables represent liabilities for goods and services provided to the Council prior to the end of the financial year that are unpaid and arise when the Council becomes obliged to make future payments in respect of the purchase of these goods and services. The amounts are unsecured, are recognised as a current liability and are normally paid within 30 days of recognition.

(l) Employee Benefits

The provisions for employee benefits relates to amounts expected to be paid for long service leave, annual leave, wages and salaries and are calculated as follows:

(i) Wages, Salaries, Annual Leave and Long Service Leave (Short-term Benefits)

The provision for employees' benefits to wages, salaries, annual leave and long service leave expected to be settled within 12 months represents the amount the Shire has a present obligation to pay resulting from employees services provided to balance date. The provision has been calculated at nominal amounts based on remuneration rates the Shire expects to pay and includes related on-costs.

(ii) Annual Leave and Long Service Leave (Long-term Benefits)

The liability for long service leave is recognised in the provision for employee benefits and measured as the present value of expected future payments to be made in respect of services provided by employees up to the reporting date using the project unit credit method. Consideration is given to expected future wage and salary levels, experience of employee departures and periods of service. Expected future payments are discounted using market yields at the reporting date on national government bonds with terms to maturity and currency that match as closely as possible, the estimated future cash outflows. Where the Shire does not have the unconditional right to defer settlement beyond 12 months, the liability is recognised as a current liability.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

1. SIGNIFICANT ACCOUNTING POLICIES (Continued)

(m) Interest-bearing Loans and Borrowings

All loans and borrowings are initially recognised at the fair value of the consideration received less directly attributable transaction costs.

After initial recognition, interest-bearing loans and borrowings are subsequently measured at amortised cost using the effective interest method. Fees paid on the establishment of loan facilities that are yield related are included as part of the carrying amount of the loans and borrowings.

Borrowings are classified as current liabilities unless the Council has an unconditional right to defer settlement of the liability for at least 12 months after the balance sheet date.

Borrowing Costs

Borrowing costs are recognised as an expense when incurred except where they are directly attributable to the acquisition, construction or production of a qualifying asset. Where this is the case, they are capitalised as part of the cost of the particular asset.

(n) Provisions

Provisions are recognised when: The council has a present legal or constructive obligation as a result of past events; it is more likely than not that an outflow of resources will be required to settle the obligation; and the amount has been reliably estimated. Provisions are not recognised for future operating losses.

Where there are a number of similar obligations, the likelihood that an outflow will be required in settlement is determined by considering the class of obligations as a whole. A provision is recognised even if the likelihood of an outflow with respect to any one of item included in the same class of obligations may be small.

(o) Current and Non-Current Classification

In the determination of whether an asset or liability is current or non-current, consideration is given to the time when each asset or liability is expected to be settled. The asset or liability is classified as current if it is expected to be settled within the next 12 months, being the Council's operational cycle. In the case of liabilities where Council does not have the unconditional right to defer settlement beyond 12 months, such as vested long service leave, the liability is classified as current even if not expected to be settled within the next 12 months. Inventories held for trading are classified as current even if not expected to be realised in the next 12 months except for land held for resale where it is held as non current based on Council's intentions to release for sale.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

1. SIGNIFICANT ACCOUNTING POLICIES (Continued)

(p) Nature or Type Classifications

Rates

All rates levied under the Local Government Act 1995. Includes general, differential, specific area rates, minimum rates, interim rates, back rates, ex-gratia rates, less discounts offered. Exclude administration fees, interest on instalments, interest on arrears and service charges.

Operating Grants, Subsidies and Contributions

Refer to all amounts received as grants, subsidies and contributions that are not non-operating grants.

Non-Operating Grants, Subsidies and Contributions

Amounts received specifically for the acquisition, construction of new or the upgrading of non-current assets paid to a local government, irrespective of whether these amounts are received as capital grants, subsidies, contributions or donations.

Profit on Asset Disposal

Profit on the disposal of assets including gains on the disposal of long term investments. Losses are disclosed under the expenditure classifications.

Fees and Charges

Revenues (other than service charges) from the use of facilities and charges made for local government services, sewerage rates, rentals, hire charges, fee for service, photocopying charges, licences, sale of goods or information, fines, penalties and administration fees. Local governments may wish to disclose more detail such as rubbish collection fees, rental of property, fines and penalties, other fees and charges.

Service Charges

Service charges imposed under Division 6 of Part 6 of the Local Government Act 1995. Regulation 54 of the Local Government (Financial Management) Regulations 1996 identifies the These are television and radio broadcasting, underground electricity and neighbourhood surveillance services. Exclude rubbish removal charges. Interest and other items of a similar nature received from bank and investment accounts, interest on rate instalments, interest on rate arrears and interest on debtors.

Interest Earnings

Interest and other items of a similar nature received from bank and investment accounts, interest on rate instalments, interest on rate arrears and interest on debtors.

Other Revenue / Income

Other revenue, which can not be classified under the above headings, includes dividends, discounts, rebates etc.

Employee Costs

All costs associate with the employment of person such as salaries, wages, allowances, benefits such as vehicle and housing, superannuation, employment expenses, removal expenses, relocation expenses, worker's compensation insurance, training costs, conferences, safety expenses, medical examinations, fringe benefit tax, etc.

Materials and Contracts

All expenditures on materials, supplies and contracts not classified under other headings. These include supply of goods and materials, legal expenses, consultancy, maintenance agreements, communication expenses, advertising expenses, membership, periodicals, publications, hire expenses, rental, leases, postage and freight etc. Local governments may wish to disclose more detail such as contract services, consultancy, information technology, rental or lease expenditures.

Utilities (Gas, Electricity, Water, etc.)

Expenditures made to the respective agencies for the provision of power, gas or water. Exclude expenditures incurred for the reinstatement of roadwork on behalf of these agencies.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

1. SIGNIFICANT ACCOUNTING POLICIES (Continued)

(q) Nature or Type Classifications (Continued)

Insurance

All insurance other than worker's compensation and health benefit insurance included as a cost of employment.

Loss on asset disposal

Loss on the disposal of fixed assets.

Depreciation on non-current assets

Depreciation expense raised on all classes of assets.

Interest expenses

Interest and other costs of finance paid, including costs of finance for loan debentures, overdraft accommodation and refinancing expenses.

Other expenditure

Statutory fees, taxes, provision for bad debts, member's fees or levies including WA Fire Brigade Levy and State taxes. Donations and subsidies made to community groups.

(r) Statement of Objectives

Council has adopted a 'Plan for the future' comprising a Strategic Community Plan and Corporate Business Plan to provide the long term community vision, aspirations and objectives.

Based upon feedback received from the community the vision of the Shire is:

"A thriving and friendly community that recognises our history and embraces cultural diversity and economic opportunity, whilst nurturing our unique natural and built environment."

The Strategic Community Plan defines the key objectives of the Shire as:

"Our People Goal - Foster a community environment that is accessible, affordable, inclusive, healthy and safe.

Our Place Goal - Help to protect the natural and built environment and Cultural heritage of Broome whilst recognising the unique sense of place

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population.

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community."

(s) Reporting Programs

Council operations as disclosed in this statement encompass the following service orientated activities/programs:

GOVERNANCE

Expenses associated with provision of services to members of council and elections. Also included are costs associated with computer operations, corporate accounting, corporate records and asset management. Costs reported as administrative expenses are redistributed in accordance with the principle of activity based costing (ABC).

GENERAL PURPOSE FUNDING

Rates and associated revenues, general purpose government grants, interest revenue and other miscellaneous revenues such as commission on Police Licensing. The costs associated with raising the above mentioned revenues, eg. Valuation expenses, debt collection and overheads.

LAW, ORDER, PUBLIC SAFETY

Enforcement of Local Laws, fire prevention, animal control and provision of ranger services.

HEALTH

Health inspection services, food quality control, mosquito control and contributions towards provision of medical health services.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

1. SIGNIFICANT ACCOUNTING POLICIES (Continued)

(s) Reporting Programs (Continued)

HOUSING

Provision and maintenance of rented housing accommodation for pensioners and employees.

COMMUNITY AMENITIES

Sanitation, sewerage, stormwater drainage, protection of the environment, public conveniences, cemeteries and town planning.

RECREATION AND CULTURE

Parks, gardens and recreation reserves, library services, television and radio re-broadcasting, swimming facilities, walk trails, youth recreation, Broome Visitor Centre, boat ramps, foreshore, public halls and Broome Recreation and Aquatic Centre.

TRANSPORT

Construction and maintenance of roads, footpaths, drainage works, parking facilities, traffic control, depot operations, plant purchase, marine facilities and cleaning of streets.

ECONOMIC SERVICES

Tourism, community development, pest control, building services, caravan parks and private works.

OTHER PROPERTY & SERVICES

Plant works, plant overheads and stock of materials.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 2: EXPLANATION OF MATERIAL VARIANCES

Reporting Program	Var. \$	Var. %	Var.	Timing/ Permanent	Explanation of Variance
Operating Revenues	\$	%			
Governance	36,254	8.23%		Timing	
General Purpose Funding - Rates	480,781	2.07%			
General Purpose Funding - Other	(85,171)	(8.91%)			
					Infringements are lower than this time last year due to technical issue with infringements, now resolved.
Law, Order and Public Safety	(16,378)	(8.96%)		Permanent	
Health	(2,177)	(1.16%)		Timing	Trading licences issued lower than budgeted
Education and Welfare	4,787	28.16%		Timing	Outback Bounce Back Funding received earlier than anticipated
Housing	(30,315)	(4.03%)		Timing	Rental deductions through payroll are based on PPE dates.
Community Amenities	(418,106)	(5.86%)			
Recreation and Culture	(81,450)	(5.32%)			
Transport	(659,502)	(10.92%)	▼	Timing	Variance due to natural disaster (roads component) funding not yet received
Economic Services	(84,526)	(7.07%)			
Other Property and Services	6,122	0.27%			
Operating Expense					
Governance	404,598	13.30%	▲	Timing	Variance is due to unspent In Kind donations, EDL sponsorships & Audit fees.
General Purpose Funding	13,280	4.58%			
Law, Order and Public Safety	83,898	6.08%			
Health	7,839	1.15%			
Education and Welfare	39,012	7.72%			
Housing	55,101	6.39%			
Community Amenities	1,219,174	11.45%	▲		Variance is due to unspent monies on new refuse site.
Recreation and Culture	597,080	4.37%			
Transport	(138,544)	(1.36%)			
Economic Services	74,198	2.94%			
Other Property and Services	(21,497)	(0.63%)			
Capital Revenues					
Grants, Subsidies and Contributions	(2,906,127)	(17.75%)	▼	Timing	Royalties for Regions funding not received as projects in progress including Town Beach Jetty and Town Beach Ablutions
Proceeds from Disposal of Assets	(167,196)	(32.92%)	▼	Timing	Disposal of assets to be processed at EOFY.
Capital Expenses					
Land Held for Resale	0				
Land Under Control (Crown Land)	0				
Land and Buildings	738,924	14.50%	▲	Timing	BRAC Outdoor Multi Sports Complex project in progress.
Works in Progress Land & Buildings	0				
Works In Progress Recreation Areas	0				
Infrastructure	0				
Works in Progress - Rds, F/Paths & Bridges	0				
Works In Progress Other	0				
Infrastructure	0				
Works in Progress Drainage	0				
Infrastructure	0				
Works in Progress - Plant & Equipment	0				
Infrastructure Assets - Roads & Footpaths	821,231	16.26%	▲	Timing	Various infrastructure projects in progress, invoices still to be received including Male Oval carpark, McDaniel Rd upgrade
Infrastructure Assets - Recreation Areas	(652,608)	(10.73%)	▼		

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

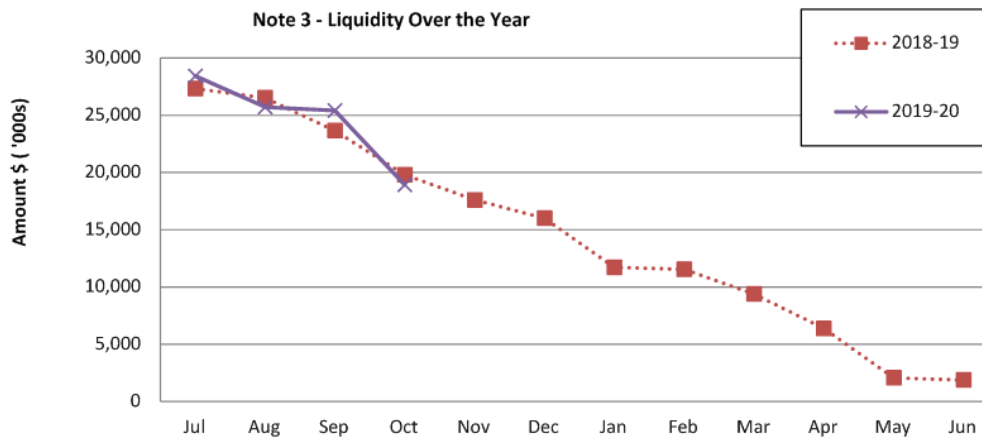
Note 2: EXPLANATION OF MATERIAL VARIANCES

Reporting Program	Var. \$	Var. %	Var.	Timing/ Permanent	Explanation of Variance
Infrastructure Assets - Drainage	60,460	5.43%		Timing	Short Street drainage design project in progress, invoices are still to be received
Infrastructure Assets - Other	3,849,592	29.17%	▲	Timing	Various infrastructure projects in progress, invoices still to be received including Town Beach Jetty and Town Beach redevelopment
Mobile Plant and Equipment	454,855	20.86%	▲	Timing	Grader Komatsu & Volvo Wheel Loader yet to be purchased
Fixed Plant and Equipment	(1,051)				
Furniture and Equipment	77,903	(8.37%)			
Financing					
Proceeds from New Debentures	0				
Proceeds from Advances	0				
Self-Supporting Loan Principal	125				
Transfer from Reserves	(423,148)	(5.99%)			
Advances to Community Groups	0				
Loan Principal	0				
Transfer to Reserves	138,926	5.71%			

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 3: NET CURRENT FUNDING POSITION

		Positive=Surplus (Negative=Deficit)		
	Note	YTD 31 Oct 2019	30 Jun 2019	YTD 31 Oct 2018
		\$	\$	\$
Current Assets				
Cash Unrestricted	4	15,211,271	7,385,966	16,253,375
Cash Restricted	4	35,381,742	35,273,697	38,125,624
Receivables - Rates	6	6,948,426	755,320	6,578,856
Receivables - Rates Other		354,257	25,766	371,948
Receivables - Debtors	6	910,980	883,293	1,925,541
Receivables - Other		277,946	(82,728)	419,172
Sundry Provisions & Accruals		108,430	1,175,472	50,019
Inventories		39,368	49,462	28,780
		59,232,420	45,466,247	63,753,315
Less: Current Liabilities				
Payables		(4,466,641)	(7,124,080)	(4,614,819)
Provisions		(909,585)	(1,377,767)	(616,894)
		(5,376,226)	(8,501,847)	(5,231,713)
Less: Cash Reserves	7	(35,281,533)	(35,273,697)	(38,125,624)
Rounding and Timing Adjustment		357,486		
Net Current Funding Position		18,932,148	1,690,703	20,395,978

Note 3 - Liquidity Over the Year**Comments - Net Current Funding Position**

The budget was adopted at the OMC 27 June 2019. It was presented to Council with a predicted carried forward surplus of \$4,006,760.

The Rounding and Timing Adjustment is calculated by subtracting the sum of current assets less current liabilities and cash reserves from the YTD funding surplus (see page 7).

A full list of all budget amendments can be found Note 5.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 4: CASH AND INVESTMENTS

	Interest Rate	Unrestricted \$	Restricted \$	Trust \$	Total Amount \$	Institution	Maturity Date
(a) Cash Deposits							
Municipal Bank Account	0.15%	4,093,258			4,093,258	CommBank	At Call
Business Online Saver	0.40%	957			957	CommBank	At Call
BRAC Bank Account	0.10%	74,871			74,871	CommBank	At Call
BPAY Bank Account	0.00%	0			0	CommBank	At Call
Reserve Bank Account	0.40%		7,942		7,942	CommBank	At Call
Trust Bank Account	0.00%			963,645	963,645	CommBank	At Call
Cash On Hand	Nil	4,400			4,400	N/A	On Hand
(b) Term Deposits							
Term Deposit	1.69%	3,500,000			3,500,000	Westpac	28-Jan-20
Term Deposit	1.89%	4,000,000			4,000,000	Westpac	27-Nov-19
Term Deposit	1.75%	3,005,260			3,005,260	Westpac	26-Dec-19
Term Deposit	1.84%		35,373,800		35,373,800	Westpac	25-Jun-20
Total		14,678,747	35,381,742*	963,645†	51,024,134		
Adjustments							
Payment Timing Adjustments**		(532,524)					
Total		15,211,271					

Comments/Notes - Investments

*Note - The total of Restricted Cash balances to the reserves on Note 7

**NOTE - Payment Timing adjustments indicate payments that have been recorded on the ledger but have yet to be paid out of the bank. The bank accounts are reconciled monthly to ensure no discrepancies occur.

†Note - A discrepancy between Trust balance and the balance of Note 11 is a result of money in transit, either as a refund or a payment, or an unrepresented cheque.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 5: BUDGET AMENDMENTS

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Account Code	Job Number	Description	Council Resolution	Classification	Non Cash Adjustment	Increase in Available Cash	Decrease in Available Cash	Amended Budget Running Balance
		Budget Adoption		Opening Surplus	\$	\$	\$	\$
		Permanent Changes						
		Opening surplus adjustment						0
		Budgeted EOY Surplus/(Deficit)						0
		General Purpose Funding						
		Governance						
23598		Transfer From Kimberley Zone Reserve - Cap Inc - Kimberley Zone	OMC 29.08.19	Capital Income		85,000		85,000
405235		Kimberley Zone - Alcohol Management Initiatives - Op Exp	OMC 29.08.19	Operating Expenditure			(85,000)	0
23598		Transfer From Kimberley Zone Reserve - Cap Inc - Kimberley Zone	OMC 29.08.19	Capital Income		50,000		50,000
405235		Kimberley Zone - Alcohol Management Initiatives - Op Exp	OMC 29.08.19	Operating Expenditure			(50,000)	0
22173		EDL sponsorship programme Reserve Funded - Op Exp - Other Governance	Carryover OMC 17.10.19	Operating Expenditure		16,498		16,498
23593		Transfer From EDL Sponsorship Reserve - Cap Inc - Other Gov	Carryover OMC 17.10.19	Capital Income			(16,498)	0
405370		Kimberley Zone - Kimberley Volunteer Strategy Grant	Carryover OMC 17.10.19	Operating Income		65,000		65,000
405234		Kimberley Zone - Volunteering Strategy - Op Exp	Carryover OMC 17.10.19	Operating Expenditure			(36,000)	29,000
405237		Kimberley Zone - ICT & Office 365 Improvements - Op Exp	Carryover OMC 17.10.19	Operating Expenditure			(10,000)	19,000
			Carryover OMC 17.10.19					19,000
22172		Community Sponsorship Program - Op Exp - Other Governance	Carryover OMC 17.10.19	Operating Expenditure			(37,282)	(18,282)
23040		Youth Development Programme & Working Group - Op Exp - Other Governance	Carryover OMC 17.10.19	Operating Expenditure			(5,000)	(23,282)
		Law, Order and Public Safety						
508216		Bush Fire Mitigation - Op Exp - Fire Prevention	Carryover OMC 17.10.19	Operating Expenditure			(5,949)	(29,231)
53256		Transfer to Building Reserve - Cap Exp - Other Law Ord & Public Safety	Surplus OMC 17.10.19	Capital Expenditure			(170,356)	(199,587)
		Health						
		Education and Welfare						
		Housing						
		Community Amenities						

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 5: BUDGET AMENDMENTS

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Account Code	Job Number	Description	Council Resolution	Classification	Non Cash Adjustment	Increase in Available Cash	Decrease in Available Cash	Amended Budget Running Balance
108001		New Refuse Site Exp - Op Exp - Regional Resource Recovery Park	OMC 27.06.19	Operating Expenditure			(425,000)	(624,587)
101995		Transfer from Regional Resource Recovery Reserve - Cap Inc - Reg Res Recov	OMC 27.06.19	Capital Income		425,000		(199,587)
108001		New Refuse Site Exp - Op Exp - Regional Resource Recovery Park	OMC 26.09.19	Operating Expenditure			(440,000)	(639,587)
101995		Transfer from Regional Resource Recovery Reserve - Cap Inc - Reg Res Recov	OMC 26.09.19	Capital Income		440,000		(199,587)
108001		New Refuse Site Exp - Op Exp - Regional Resource Recovery Park	Carryover OMC 17.10.19	Operating Expenditure		56,729		(142,858)
101545	101558	Buckleys Rd Closure Upgrade (was Opex 101302) - Cap Exp - San Gen Refuse	Carryover OMC 17.10.19	Capital Expenditure		243		(142,615)
101525		Transfer From Refuse Site Reserve - Sanitation Gen Refuse	Carryover OMC 17.10.19	Capital Income			(243)	(142,858)
101510		Vehicle & Mob Plant Renewal(Replacement)-Cap Exp- Sanit Gen Refuse	Carryover OMC 17.10.19	Capital Expenditure			(10,555)	(153,413)
101500		Proceeds From Sale of Assets - Cap Inc - Sanitation Gen Refuse	Carryover OMC 17.10.19	Capital Income			(64,000)	(217,413)
101525		Transfer From Refuse Site Reserve - Sanitation Gen Refuse	Carryover OMC 17.10.19	Capital Income			(221,000)	(438,413)
104270	104299	Short St-Paspaley Carnarvon Street New Drainage Const - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(26,126)	(464,539)
104480		Transfer From Drainage Reserve - Urban Stormwater Drainage - Cap Inc	Carryover OMC 17.10.19	Capital Income			(224,320)	(688,859)
107550	107556	Broome Cemetery New Infrastructure Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(27,514)	(716,373)
		Recreation and Culture						
1181405		Town Beach Redevelopment - Greenspace & Waterpark - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure		203,645		(512,728)
1181401		Town Beach Redevelopment -Other Infra New - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(27,606)	(540,334)
1181402		Town Beach Redevelopment - Fishing Platform & Amenities - Other Infra New - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(35,220)	(575,554)
113403		Grants - Non Op - Cap Inc - Other Rec & Sport	Carryover OMC 17.10.19	Capital Income			(406,319)	(981,873)
113489		Transfer From POS Reserve - Other Rec & S	Carryover OMC 17.10.19	Capital Income			(18,000)	(999,873)
113371		Royalties For Regions Loc Govt Non Op Grant - Op Inc - Other Recreation & Sport	Carryover OMC 17.10.19	Capital Income			(14,780)	(1,014,653)
117455	117456	BRAC Ovals Renewal Infra Works - Cap Exp - BRAC Ovals	Carryover OMC 17.10.19	Capital Expenditure		44,863		(969,790)
117210	117211	BRAC Ovals - P&G Maint	Carryover OMC 17.10.19	Operating Expenditure		35,670		(934,120)
113551	113677	Town Beach Renewal Works - Infra Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(9,700)	(943,820)
113552	113607	Town Beach Reserve Upgrade - Cap Exp - P&G	Carryover OMC 17.10.19	Capital Expenditure		6,884		(936,936)
1181201		Town Beach - Design/Plans/Feasibility - Op Exp - Other Recreation & Sport	Carryover OMC 17.10.19	Operating Expenditure		4,765		(932,171)
113552	113620	Haynes Oval Floodlighting Upgrade Infra - Capex	Carryover OMC 17.10.19	Capital Expenditure		6,000		(926,171)

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 5: BUDGET AMENDMENTS

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Account Code	Job Number	Description	Council Resolution	Classification	Non Cash Adjustment	Increase in Available Cash	Decrease in Available Cash	Amended Budget Running Balance
1181420	YBRA001	Youth Bike Recreation Area - New Construction - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(201,360)	(1,127,531)
115280		Grant Program Expenses - Op Exp - Library (Income in 115480)	Carryover OMC 17.10.19	Operating Expenditure		449		(1,127,082)
115480		Grant Program Income - Op Inc - Library (Expense in 115280)	Carryover OMC 17.10.19	Operating Income			(449)	(1,127,531)
113551	113787	Solway Park renewal Infra - Cap Exp - Pks & Ovals	Carryover OMC 17.10.19	Capital Expenditure			(8,500)	(1,136,031)
116125	116126	Broome Entry Statement Signage New Const - Cap Exp - Other Cult	Carryover OMC 17.10.19	Capital Expenditure			(74,089)	(1,210,120)
116085		Heritage Projects - Op Exp - Other Culture	Carryover OMC 17.10.19	Operating Expenditure			(60,000)	(1,270,120)
111989		Transfer to POS Reserve - Cap Exp - Parks & Ovals	Surplus OMC 17.10.19	Capital Expenditure			(53,693)	(1,323,813)
Transport								
125140	125222	Hunter Street - Footpath Construction	Carryover OMC 17.10.19	Capital Expenditure			(5,100)	(1,328,913)
121100	121113	Hamersley St Upgrade Construction - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure		198,457		(1,130,456)
121960		Transfer From Road Reserve Road Construction - Cap Inc	Carryover OMC 17.10.19	Capital Income			(64,920)	(1,195,376)
123000	102204	2017-2018 WANDRRA Events - Works Maint	Carryover OMC 17.10.19	Operating Expenditure			(835,509)	(2,030,885)
125100	BUSN002	Old Broome Estate - New Bus bay Construction - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure		21,278		(2,009,607)
125140	125192	Palmer Road - Footpath Construction	Carryover OMC 17.10.19	Capital Expenditure		20,300		(1,989,307)
125960		Transfer From Footpath Reserve - Footpath Construction	Carryover OMC 17.10.19	Capital Income			(20,300)	(2,009,607)
125140	125269	Roebuck Estate Subdivision - Various Stages	Carryover OMC 17.10.19	Capital Expenditure		30,779		(1,978,828)
125960		Transfer From Footpath Reserve - Footpath Construction	Carryover OMC 17.10.19	Capital Income			(40,300)	(2,019,128)
125140	125277	Broome North Footpath New Const - Capex	Carryover OMC 17.10.19	Capital Expenditure			(5,641)	(2,024,769)
125960		Transfer From Footpath Reserve - Footpath Construction	Carryover OMC 17.10.19	Capital Income			(42,567)	(2,067,336)
125140	125279	Six Seasons Estate - Januburu Subdivision - Various Stages	Carryover OMC 17.10.19	Capital Expenditure		1,207		(2,066,129)
125960		Transfer From Footpath Reserve - Footpath Construction	Carryover OMC 17.10.19	Capital Income			(8,207)	(2,074,336)
125960		Transfer From Footpath Reserve - Footpath Construction	Carryover OMC 17.10.19	Capital Income			(6,856)	(2,081,192)
125225	125232	Street Lighting at Various Locations - Renewal	Carryover OMC 17.10.19	Capital Expenditure		6,790		(2,074,402)
120306		Dep't Premier & Cabint Natural Disaster Grant - Cape Leveque Rd	Carryover OMC 17.10.19	Operating Income		3,829,555		1,755,153
121101	121552	Hunter St Renewal Rd Infra Const - Capex (was Herbert st)	Carryover OMC 17.10.19	Capital Expenditure			(92,394)	1,662,759
121779		Regional Rd Group (RRG) Urban Rd Const Funding - Non Op Inc - Rd Const	Carryover OMC 17.10.19	Capital Income			(199,108)	1,463,651
125215	125807	Kerr St & Stracke Cove Lighting Upgrade (Safer Comm) - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(5,299)	1,458,352
122430		Natural Disaster Grant - Flood Damage Repairs	Carryover OMC 17.10.19	Operating Income		970,000		2,428,352
1254421		Access & Inclusion Improvements New Infra - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(20,000)	2,408,352
1223481	FPUP001	Various FootPath Upgrade - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(46,337)	2,362,015
Economic Services								
1367210		Economic Development Program Expense - Op Exp - Other Economic Services	Carryover OMC 17.10.19	Operating Expenditure		7,294		2,369,309

For the Period Ended 31 October 2019

Note 5: BUDGET AMENDMENTS

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Account Code Job Number		Description	Council Resolution	Classification	Non Cash Adjustment	Increase in Available Cash	Decrease in Available Cash	Amended Budget Running Balance
1367525		Transfer From Restricted Cash Reserve - Other Economic Services	Carryover OMC 17.10.19	Capital Income			(7,294)	2,362,015
136723		Economic Development Program Expense - Place Making Officer Activation -Op Exp - Other Economic Services	Carryover OMC 17.10.19	Operating Expenditure			(9,272)	2,352,743
1367301		Grants & Contributions Received - Op Inc - Economic Services Special Projects	Carryover OMC 17.10.19	Operating Income		32,739		2,385,482
1367405	1367413	Chinatown Public Wi-Fi Project - Other INfra New - Cap Ex	Carryover OMC 17.10.19	Capital Expenditure			(59,850)	2,325,632
1367404	1367407	Dampier St Upgrade - Cap Exp	Carryover OMC 17.10.19	Capital Expenditure			(111,972)	2,213,660
1367404	1367408	Carnarvon St Upgrade - Cap Ex	Carryover OMC 17.10.19	Capital Expenditure			(87,976)	2,125,684
132310	132310	Roebuck Bay CP - Planned Maint & Minor Works - Op Exp	Carryover OMC 17.10.19	Operating Expenditure			(18,212)	2,107,472
132050		Broome Visitor Centre Complex- Op Exp - Tourism & Area Promotion	Carryover OMC 17.10.19	Operating Expenditure			(44,400)	2,063,072
1367405	1367412	Public Art (funded from Reserve) - Other Infra New - Cap Ex	Carryover OMC 17.10.19	Capital Expenditure			(16,693)	2,046,379
		Other Property and Services						
		LGIS Insurance Funded Expenses (Inc in 142393) - Op Exp - Corp Gov	Carryover OMC 17.10.19	Operating Expenditure		10,594		2,056,973
141271	141331	Morrell Park Road Maintenance Op Exp - Private Works	Carryover OMC 17.10.19	Operating Expenditure		17,906		2,074,879
141960		Transfer From Restricted Cash Reserve Private Wks Rd Const - Cap Inc	Carryover OMC 17.10.19	Capital Income			(11,697)	2,063,182
143601		Proceeds from Sale of Assets - Cap Inc - Parks & Gardens Operations	Carryover OMC 17.10.19	Capital Income			(12,273)	2,050,909
143610		Vehicle & Plant Renewal(Replacement) - Cap Exp - P&G Operations	Carryover OMC 17.10.19	Capital Expenditure		25,000		2,075,909
148600		Proceeds from Sale of Assets - Cap Inc - Works Operations	Carryover OMC 17.10.19	Capital Income			(818)	2,075,091
148611		Vehicle & Mob Plant Renewal(Replacement) - Cap Exp - Works Ops	Carryover OMC 17.10.19	Capital Expenditure			(14,397)	2,060,694
142558		Shire Office Build Haas St Renewal - Cap Exp - Corp Gov	Carryover OMC 17.10.19	Capital Expenditure			(6,133)	2,054,561
147374		KRO1 Building Renewal - Cap Exp - Office Prop Leased	Carryover OMC 17.10.19	Capital Expenditure		108,435		2,162,996
147355		Transfer From Building Reserve Leased Offices Un Clas	Carryover OMC 17.10.19	Capital Income			(108,435)	2,054,561
147375		KRO2 Building Renewal - Cap Exp - Office Prop Leased	Carryover OMC 17.10.19	Capital Expenditure			(195,782)	1,858,779
147355		Transfer From Building Reserve Leased Offices Un Clas	Carryover OMC 17.10.19	Capital Income		195,782		2,054,561
146122		Software >\$5000 Cap Exp - IT	Carryover OMC 17.10.19	Capital Expenditure			(69,000)	1,985,561
146120		Equip & H'Ware > \$5000 Cap Exp - IT	Carryover OMC 17.10.19	Capital Expenditure			(4,954)	1,980,607
146102		License Maint and Support - IT Exp	Carryover OMC 17.10.19	Operating Expenditure			(16,000)	1,964,607
147100		Building Capital > \$5k - Cap Exp - Unclassified General	Carryover OMC 17.10.19	Capital Expenditure			(71,574)	1,893,033
142231		Consultants Corp Serv - Op Exp - Corp Gov Support	Carryover OMC 17.10.19	Operating Expenditure			(30,500)	1,862,533
					0	6,916,862	(5,054,329)	

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 5: BUDGET AMENDMENTS

Amendments to original budget since budget adoption. Surplus/(Deficit)

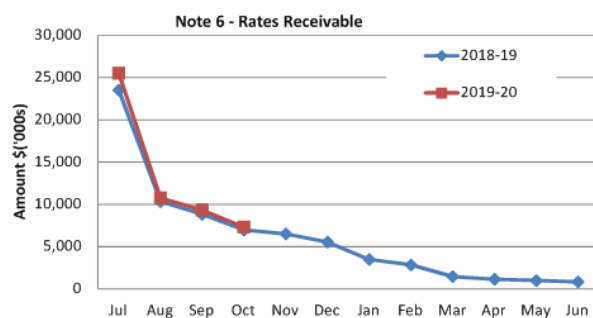
GL Account		Description	Council Resolution	Classification	Non Cash Adjustment	Increase in Available Cash	Decrease in Available Cash	Amended Budget Running Balance
Code	Job Number							

Classifications Pick List
Operating Revenue
Operating Expenses
Capital Revenue
Capital Expenses
Opening Surplus(Deficit)
Non Cash Item

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 6: RECEIVABLES
Receivables - Rates Receivable

	YTD 31 Oct 2019	30 Jun 2019
	\$	\$
Opening Arrears Previous Years	755,320	635,058
Levied this year	23,156,992	22,392,627
Less Collections to date	(16,963,886)	(22,272,365)
Equals Current Outstanding	6,948,426	755,320
Net Rates Collectable	6,948,426	755,320
% Collected	70.94%	96.72%


Comments/Notes - Receivables Rates

[Insert explanatory notes and commentary on trends and timing]

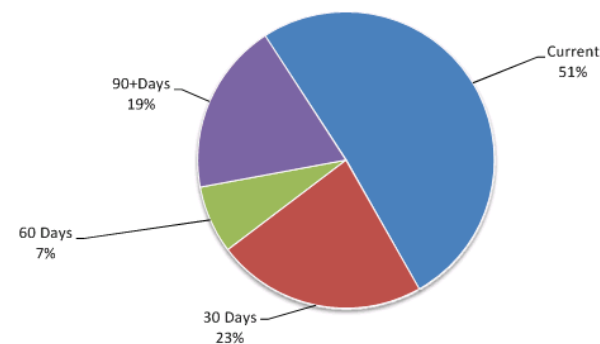
* NOTE - Rates were raised on 19 July 2019 and are due on 22 August 2019

**NOTE - The calculation of percentage of Rates collected only reports on current Rates, Arrears and Back Rates. For a full breakdown on Rates received, please see the Rates Receipt Statement in the info bulletin

Receivables - General

	Credit*	Current	30 Days	60 Days	90+Days
		\$	\$	\$	\$
Receivables - General	(52,948)	491,058	220,905	70,982	180,983
Total Receivables General Outstanding					910,980

Amounts shown above include GST (where applicable)

Receivables - General

Comments/Notes - Receivables General

[Insert explanatory notes and commentary on trends and timing]

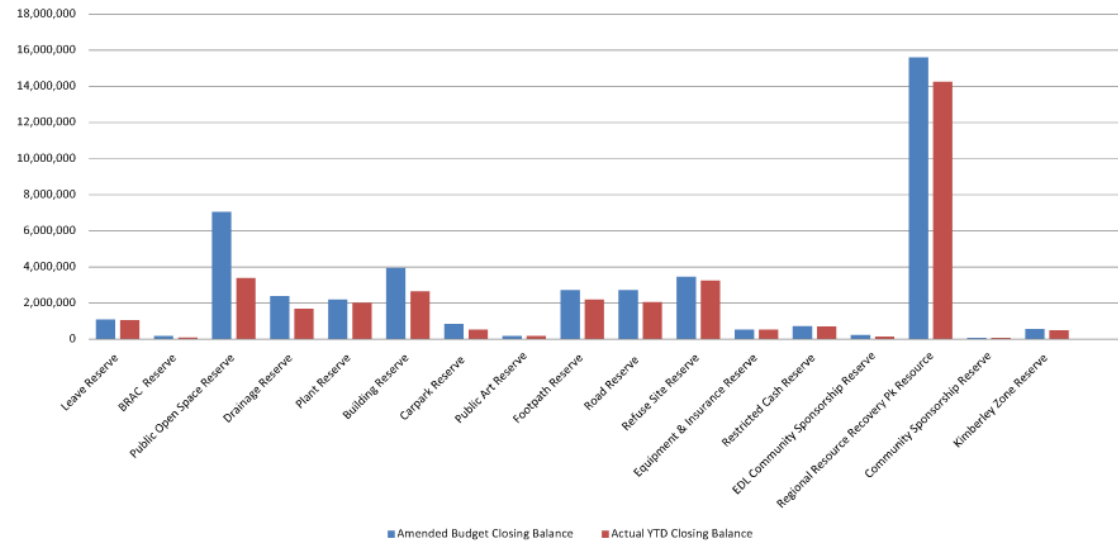
* Note - A credit refers to a debtor paying more than required in the current billing period. It sits as a credit against the account until the following period when it is applied

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 7: Cash Backed Reserve

2019-20		Amended Budget	Actual	Amended Budget	Actual	Amended Budget	Actual		Amended Budget	
Name	Opening Balance	Budget Interest Earned	Interest Earned	Transfers In (+)	Transfers In (+)	Transfers Out (-)	Transfers Out (-)	Transfer out Reference	Closing Balance	Actual YTD Closing Balance
	\$	\$	\$	\$	\$	\$	\$		\$	\$
Leave Reserve	1,051,077	38,700	238	0	0	0	0		1,089,777	1,051,315
BRAC Reserve	98,488	2,323	22	0	0	88,834	0		189,645	98,510
Public Open Space Reserve	3,385,685	66,228	788	538,836	0	3,056,755	0		7,047,504	3,386,473
Drainage Reserve	1,693,987	39,152	383	0	0	660,815	0		2,393,954	1,694,370
Plant Reserve	2,026,247	47,176	458	0	0	134,000	0		2,207,423	2,026,705
Building Reserve	2,647,090	43,637	598	467,723	0	801,347	0		3,959,797	2,647,688
Carpark Reserve	533,886	12,602	121	24,365	0	267,000	0		837,853	534,007
Public Art Reserve	167,572	216	38	0	0	0	0		167,788	167,610
Footpath Reserve	2,179,884	51,206	493	63,029	0	411,184	0		2,705,303	2,180,377
Road Reserve	2,061,646	41,450	466	572,880	0	30,000	0		2,705,976	2,062,112
Refuse Site Reserve	3,259,029	68,038	737	(11,973)	0	148,233	0		3,463,327	3,259,766
Equipment & Insurance Reserve	518,997	11,589	117	0	0	0	0		530,586	519,114
Restricted Cash Reserve	712,180	0	0	0	0	10,000	0		722,180	712,180
EDL Community Sponsorship Reserve	145,189	1,348	33	0	0	88,307	0		234,844	145,222
Regional Resource Recovery Pk Resource	14,243,536	346,466	3,220	0	0	1,019,573	0		15,609,575	14,246,756
Community Sponsorship Reserve	61,745	1,459	14	0	0	0	0		63,204	61,759
Kimberley Zone Reserve	487,459	7,845	110	0	0	73,380	0		568,684	487,569
	35,273,697	779,435	7,836	1,654,860	0	6,789,428	0		44,497,420	35,281,533

Error



SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 8 CAPITAL DISPOSALS

Actual YTD Profit/(Loss) of Asset Disposal				Disposals	Amended Current Budget			Comments
Cost \$	Accum Depr \$	Proceeds \$	Profit (Loss) \$		YTD 31 Oct 2019			
					Amended Annual Budget Profit/(Loss) \$	Actual Profit/(Loss) \$	Variance \$	
				P Number	Plant and Equipment			
				0 P7416	Toyota Prado T/D 5 Door WGN A/T GXL (CEO) BM28870	(14,245)	0	0
				0 P16316	Isuzu MUX LSU Silver (DCS) (1GD1705)	(741)	0	0
13,500	(4,125)	(7,364)	(2,011)	0 P17313	Hyundai i30 Active CRDI 5D hatchback diesel (Property) BM25995	(2,750)	(2,011)	739
				0 P15216	ISUZU MUX 4x4 SUV DIRECTOR DEVELOPMENT SERVICES (1EYW969)	7,342	0	0
				0 P11214	Utility Crew Cab 4WD Isuzu D-Max SX Man w- canopy SPO 1ENQ655	(4,800)	0	0
				0 P10909	Trailer Custom Made - Beach Lifeguard	(8,000)	0	0
				0 P1114	Self Propelled Elevated Work Platform (P&Gs) (1TPW699)	(14,703)	0	0
				0 P15712	Mini Excavator 1-2 Tonnes Bobcat 324 (P&Gs) 1DWX734	7,000	0	0
				0 P15812	Trailer for mini excavator (P15712) P&Gs 1TNA499	5,000	0	0
				0 P16713	Ransome MTD5 5 Gang Reel Mower (Tractor Mounted) (P&Gs)	9,999	0	0
				0 P2614	John Deere Mower Front Deck - P&Gs 1EMV062	1,999	0	0
				0 P14012	Pressure Cleaner Bar 3513G-HJ plus reel & hose (Waterpark P&Gs)	5,000	0	0
				0 P7013	Skidsteer Loader CCF class 800 Bobcat S185 (P&Gs) BM24928	(16,248)	0	0
				0 P7313	Auger & Trencher attachments for Bobcat skidsteer loader (P7013) (P&Gs)	3,000	0	0
				0 P85807	TRAILER POLMAC DUAL AXLE - P&G	5,000	0	0
				0 P2416	Graytill Smartspray Ute mounted Spray System	(14,131)	0	0
				0 P83705	Trailer Dean Caged/Tipper BM11767	(10,598)	0	0
				0 P1500	Trailer Dean No 17 Flatbed Tilting (for ride-on mower) BM1679	2,000	0	0
				0 P87506	Turfcutter Ryan JR 18"	1,000	0	0
				0 P11514	Utility Cab Chassis Tray Extra Cab Retic 2 (P&Gs) (1EPL510)	3,042	0	0
				0 P1313	Isuzu NPR 300 Light Truck 2WD Crew Cab Steel Tray (P&Gs) 1ECN037	(10,613)	0	0
12,950	(7,950)	(5,000)		0 P6713	Howard Stealth S2 Dual winged rotary mower (tractor towed) (P&Gs)	(2,650)	0	0
				0 P16813	Mini Wheel Loader Toro Wheelmaster 320D (P&Gs)	170	0	0
				0 P8511	Grader Komatsu GD655-5 Works BM28609	(59,703)	0	0
				0 P7110	Volvo Wheel Loader L60F Works - 1DMO852	23,750	0	0
				0 P10605	Pump Water Robin PTG405DS - 8.5hp 4" diesel	0	0	0
49,750	(9,749)	(23,636)	(16,365)	0 P6413	Hino 300 series 717 Single Cab truck steel tray (signs) (Works) 1EG0887	(3,206)	(16,365)	(13,159)
49,900	(14,940)	(25,455)	(9,506)	0 P6313	Truck 2WD Dual Cab w- steel tray Isuzu NPR 300 (Works) 1EDA148	(14,940)	(9,506)	5,434
80,000	(6,504)	(71,500)	(1,996)	0 P413	Wheel Loader Komatsu WA250PZ-6 (WMF) 1EBV039	(11,973)	(1,996)	9,977
5,713	(5,713)	(518)	518	0 P4208	Scrubber Nilfisk (CA531) - BRAC	0	518	518
26,450	(48,981)	(133,472)	(29,360)			(114,999)	(29,360)	3,509
Comments - Capital Disposal/Replacements								

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 9: RATING INFORMATION		Rate in \$	Number of Properties	Rateable Value \$	Rate Revenue \$	Interim Rates \$	Back Rates \$	Total Revenue \$	Amended Budget Rate Revenue \$	Amended Budget Interim Rate \$	Amended Budget Back Rate \$	Amended Budget Total Revenue \$
RATE TYPE												
Differential General Rate												
<u>Gross Rental Valuations</u>												
GRV -	Residential	10.8224	4,876	115,308,256	12,479,121			12,479,121	12,479,121			12,479,121
GRV -	Residential - Vacant	19.8104	181	2,945,650	583,545			583,545	583,545			583,545
GRV -	Commercial/Industrial	11.2119	540	52,644,669	5,902,468			5,902,468	5,902,468			5,902,468
GRV -	Tourism	14.6665	454	17,437,556	2,557,479			2,557,479	2,557,479			2,557,479
<u>Unimproved Value Valuations</u>												
UV -	Rural	3.1875	21	6,643,773	211,770			211,770	211,770			211,770
UV -	Mining	11.7729	33	1,060,743	124,880			124,880	124,880			124,880
UV -	Commercial Rural	0.7623	53	17,486,000	133,296			133,296	133,296			133,296
Sub-Totals			6,158	213,526,647	21,992,559	0	0	21,992,559	21,992,559	0	0	21,992,559
Minimum Payment		Minimum \$										
<u>Gross Rental Valuations</u>												
GRV -	Residential	1,220	67	648,834	81,740			81,740	81,740			81,740
GRV -	Residential - Vacant	1,220	202	910,232	246,440			246,440	246,440			246,440
GRV -	Commercial/Industrial	1,220	33	179,590	40,260			40,260	40,260			40,260
GRV -	Tourism	1,220	372	1,599,000	453,840			453,840	453,840			453,840
<u>Unimproved Value Valuations</u>												
UV -	Rural	1,220	2	13,300	2,440			2,440	2,440			2,440
UV -	Mining	500	31	48,652	15,500			15,500	15,500			15,500
UV -	Commercial Rural	1,220	4	191,300	4,880			4,880	4,880			4,880
Sub-Totals			711	3,590,908	845,100	0	0	845,100	845,100	0	0	845,100
Charitable Concessions								22,837,659				22,837,659
								(39,138)				(39,138)
Amount from General Rates								22,798,521				22,798,521
Ex-Gratia Rates								0				0
Specified Area Rates								0				0
Totals								22,798,521				22,798,521

Comments - Rating Information

NOTE - This note represents the budgeted rating and back rating revenue expected for the 2017/18 financial year. The Statement of Financial Activity (by Reporting Program) examines the reporting program for rates which also includes other items, such as debt recovery and rates instalments charges, which are not represented in this table as they do not form part of ordinary rates modelling.

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

10. INFORMATION ON BORROWINGS

(a) Debenture Repayments

Particulars	Principal 01-Jul-19	New Loans	Principal Repayments		Principal Outstanding		Interest Repayments	
			Actual \$	Amended Budget \$	Actual \$	Amended Budget \$	Actual \$	Amended Budget \$
Loan 191 - BRAC Inf & Stage 2B	0		0	0	0	0	219	0
Loan 193 - Civic Centre Redevelopment	1,463,195		0	468,784	1,463,195	994,411	4,731	62,841
Loan 194 - BRAC Oval Pavillion	236,217		0	114,699	236,217	121,518	469	14,374
Loan 196 - Chinatown Revitalisation Loan	1,700,000		0	91,865	1,700,000	1,608,135	(966)	60,718
Town Beach Redevelopment		2,000,000	0	0	0	0	0	0
Self Supporting Loans								
Broome Golf Club		1,250,000	0	0	0	0	0	0
	3,399,412	3,250,000	0	675,348	3,399,412	2,724,064	4,453	137,933

All debenture repayments were financed by general purpose revenue.

*A negative amount indicated in the "Interest Repayments Actuals" column is a result of end of financial year accruals to recognise the proportion of interest incurred during the 18/19 financial year.

(b) New Debentures

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 11: 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 1 Jul 19	Amount Received	Amount Paid	Closing Balance 31-Oct-19
	\$	\$	\$	\$
Verge Bonds	0	0	0	0
Library Transient Borrower Deposits	0	0	0	0
Election Nomination Deposits	0	0	0	0
Civic Centre Event Takings	3,435	891	0	4,325
Key & Other General Purpose Deposits	0	15,162	(15,162)	0
BCITF Collection & Refund Deposits	0	0	0	0
Japanese Cemetery Improvements Deposits	0	0	0	0
Town Planning Related Bond Deposits	102,437	0	0	102,437
Cemetery Plot Reservation Deposits	0	0	0	0
Recreation Facility use Bond Deposits	0	0	0	0
Cash In Lieu Of Public Open Space	0	0	0	0
Parking Facilities Bond Deposits	0	0	0	0
Road & Footpath Facilities Bond Deposits	0	0	0	0
Capital Works Bond Deposits	0	0	0	0
Bank Guarantee Deposits Received	0	0	0	0
Contract Bonds & Retentions	0	0	0	0
Overpayments Held	0	0	0	0
Unclaimed Monies	2,160	0	0	2,160
BRB Levy	14,836	20,079	(26,879)	8,035
Staff Rental Bonds	190	0	0	190
Key Deposits	0	0	0	0
Chinatown Revitalisation grant	805,721	808	(806,529)	0
	928,778	36,939	(848,571)	117,147

Level of Completion Indicators

0% ○
20% ○
40% ○
60% ●
80% ●
100% ●
No Budget □

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 12: CAPITAL ACQUISITIONS

% of Completion	Level of Completion Indicator	Infrastructure Assets	YTD 31 Oct 2019							Strategic Reference / Comment
			Acct	Job	Amended Annual Budget	Amended YTD Budget	YTD Actual	Variance (Under)/Over	YTD Actual (Renewal Exp)	
		Governance								
0%	○	Vehicle & Mobile Plant Renewal (Replacement) Cap Exp - Other Gov	23571		60,000	0	0	(60,000)	0	
0%	○	Governance Total			60,000	0	0	(60,000)	0	
		Law, Order And Public Safety								
0%	○	VBF Building New Const - Cap Exp - Volunteer Bush Fire Brigade	53172		1,198,424	0	894	(1,197,530)	0	
0%	○	Surf Club Building Renewal (Inc Plant & Furniture) Cap Exp Law Ord & PS	53238		17,200	5,733	0	(17,200)	0	
0%	○	SES Buildings New Const > \$5000 - Cap Exp - SES/ Fire & Emergency Service	55286		224,000	74,668	0	(224,000)	0	
0%	○	Law, Order And Public Safety Total			1,439,624	80,401	894	(1,438,730)	0	
		Education and Welfare								
0%	○	Education and Welfare Total			0	0	0	0	0	
		Housing								
0%	○	Housing Total			0	0	0	0	0	
		Health								
0%	○	Health Total			0	0	0	0	0	
		Community Amenities								
90%	●	Vehicle & Mob Plant Renewal(Replacement)- Cap Exp- Sanit Gen Refuse	101510		295,555	95,000	0	(29,735)	265,820	
12%	○	Buckleys Rd Closure Upgrade (was Opex 101302) - Cap Exp - San Gen Refuse	101545	101558	267,097	89,112	31,222	(235,875)	0	
46%	●	Mobile Garbage Bin Replacement - Cap Exp - San Gen Refus	101550	101552	50,000	16,666	0	(26,983)	23,017	
No Budget	□	Frederick Street New Drainage Const & Study - Cap Ex	104270	104291	0	0	(825)	(825)	0	
65%	●	Short St-Paspaley Camarvon Street New Drainage Const - Cap Exp	104270	104299	762,509	452,476	497,946	(264,563)	0	
0%	○	Frederick (KBR Report) - Infra Cap Exp	104600	104795	328,900	109,632	0	(328,900)	0	
0%	○	Broome Townsite Drains Renewal - Cap Infra Exp - Urb Stwater	104800	104920	22,200	7,401	0	(22,200)	0	
0%	○	Vehicle & Mobile Plant New - Cap Exp - Dev Service	106185		60,000	0	0	(60,000)	0	
No Budget	□	Broome Cemetery Renewal by P & G - Cap Exp	107552	107561	0	0	0	3,432	3,432	
0%	○	Gantheume Toilet Block Upgrade - Cap Exp - Other Community Amenities	107680	107684	4,200	1,400	0	(4,200)	0	
0%	○	Vehicles & Mobile Plant New - Cap Exp - Sanitation Other	1042510		15,170	15,170	0	(15,170)	0	
No Budget	□	Hammersley St Upgrade Drainage - Infra Cap Ex	104600	104695	0	0	11,927	11,927	0	
8%	○	Broome Cemetery New Infrastructure Cap Exp	107550	107556	27,514	0	0	(25,444)	0	
		Community Amenities Total			1,833,145	786,857	542,341	(998,535)	292,269	
		Recreation And Culture								
47%	●	Gantheume Point - Infra New Const - Cap Exp	112056	112056	4,200	1,400	1,962	(2,238)	0	
0%	○	Vehicle & Mobile Plant Renewal (Replacement)- Cap Exp- Swim Area & Beaches	112397		25,000	0	0	(25,000)	0	
0%	○	Skatepark New Infra Const - Cap Exp - Other Rec & Sport	113027	113029	58,210	19,404	0	(58,210)	0	
0%	○	Cemetery Reserve New Infra Const - Cap Exp - Parks & Oval	113550	113560	76,200	25,401	0	(76,200)	0	
80%	●	Dakka Street Reserve New Infra Const- Cap Exp-P&C	113550	113570	55,000	18,332	43,748	(11,152)	0	
0%	○	Sugar Glider Park New Const - Cap Exp	113550	113606	51,000	17,000	0	(51,000)	0	
3%	○	Demco Foreshore Plan Year 1 New Infra Const - Cap Exp	113550	113963	61,405	20,467	1,868	(59,537)	0	
0%	○	Sibosado Park Renewal Infra - Cap Exp - Pks & Oval	113551	113628	3,000	1,000	0	(3,000)	0	

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 12: CAPITAL ACQUISITIONS

% of Completion	Level of Completion Indicator	Infrastructure Assets	Acct	Job	Amended Annual Budget	Amended YTD Budget	YTD Actual	Variance (Under)/Over	YTD Actual (Renewal Exp)	Strategic Reference / Comment
52%	○	Cable Beach Reserve Renewal Works - Cap Ex	113551	113674	4,200	1,400	0	(2,800)	2,175	
0%	○	Town Beach Renewal Works - Infra Cap Exp	113551	113677	9,700	0	0	(9,700)	0	
No Budget	□	Haynes Oval Reserve Renewal of Infrastructure- Cap Exp	113551	113762	0	0	0	4,245	4,245	
0%	○	Sunset Park Renewal Infra - Cap Exp - Parks and Ovals	113551	113765	40,000	13,332	0	(40,000)	0	
173%	●	Solway Park renewal Infra - Cap Exp - Pk & Oval	113551	113787	11,500	1,000	0	8,434	19,934	
0%	○	Sugar Glider Park Renewal Infra - Cap Exp - Parks & Oval	113551	113793	51,000	17,000	0	(51,000)	0	
210%	●	Town Beach Reserve Upgrade - Cap Exp - P&C	113552	113607	93,116	33,332	195,277	102,161	0	
No Budget	□	Haynes Oval Floodlighting Upgrade Infra - Cap Exp	113552	113620	0	2,000	13,108	13,108	0	
0%	○	Reticulation Control System New Exp - Cap Exp Parks & Oval	113603		40,500	0	0	(40,500)	0	
0%	○	Civic Centre Building Renewal (Inc Plant & Furn) - Cap Exp - Public Halls	113755		4,000	1,332	0	(4,000)	0	
0%	○	Library Building Renewal (Inc Plant & Furn) - Cap Exp - Libraries	115461		10,000	3,332	0	(10,000)	0	
0%	○	Museum Building Renewal- Cap Exp - Other Cult	116201		4,000	1,332	0	(4,000)	0	
113%	●	Aquatic Infrastructure Renewal - Cap Exp - BRAC Aquatic	117128	117129	31,600	10,532	0	4,150	35,750	
1%	○	Building New Construction Expense - BRAC Dry - Cap Exp	117300	117365	2,579,869	859,955	17,635	(2,562,234)	0	
0%	○	BRAC Building Renewal - Cap Exp - BRAC Dry	117315	117316	10,000	3,332	0	(10,000)	0	
0%	○	BRAC Dry Recreation Infra Renewal - Cap Exp - BRAC Dry	117317	117318	44,417	14,804	0	(44,417)	0	
8%	○	Furniture & Equip - New - BRAC Dry	117372	117373	105,959	35,320	8,666	(97,293)	0	
28%	○	BRAC Ovals Renewal Infra Works - Cap Exp - BRAC Ovals	117455	117456	43,593	29,484	0	(31,237)	12,356	
0%	○	Streeters Jetty Renewal - Other Culture - Cap Exp	1107208		68,116	22,704	0	(68,116)	0	
63%	●	Town Beach Redevelopment - Other Infra New - Cap Exp	1181401		364,318	263,379	228,488	(135,830)	0	
19%	○	Town Beach Redevelopment - Fishing Platform & Amenities - Other Infra New - Cap Exp	1181402		319,174	94,652	60,156	(259,018)	0	
47%	●	Town Beach Redevelopment - Greenspace & Waterpark - Cap Exp	1181405		4,936,955	1,713,528	2,314,708	(2,622,247)	0	
0%	○	Town Beach Development - Jetty and Groyne Project - Other Infra New - Cap Exp	1181408		11,268,592	3,756,196	25,551	(11,243,041)	0	
19%	○	Youth Bike Recreation Area - New Construction - Cap Exp	1181420	YBRA001	507,360	150,000	96,893	(410,467)	0	
43%	●	Broome Entry Statement Signage New Const - Cap Exp - Other Cult	116125	116126	74,089	0	32,074	(42,015)	0	
15%	○	Recreation And Culture Total			20,956,073	7,130,950	3,040,134	(17,841,479)	74,460	
		Transport								
0%	○	Federal Black Spot - Herbert / Saville Roundabout - NEW- Cape	113561	RU666	691,811	230,604	0	(691,811)	0	
No Budget	□	Carnarvon St New Road Co Const - Nap Intersection 3/4	121000	121040	0	0	(780)	(780)	0	
No Budget	□	McDaniel Rd - Archer to Ward Stage 1 New Rd Const - Cap Exp	121000	121560	0	0	74,790	74,790	0	
0%	○	McDaniel Rd Upgrade Const - HIA All Streets	121100	121108	1,097,100	365,700	0	(1,097,100)	0	
31%	○	Hammersley St Upgrade Construction - Cap Exp	121100	121113	19,444	72,632	6,045	(13,399)	0	
0%	○	BRAC Pedestrian Crossing P&G - Capex	121100	RU444	69,269	23,090	111	(69,158)	0	
0%	○	Old Broome Road/ Gus Winckel Road Upgrade - Capex	121100	RU555	168,943	56,316	0	(168,943)	0	
No Budget	□	Chinatown Revitalisation Rd Renewal Const - Urban Rds - Cap Exp	121101	121528	0	0	0	(781)	(781)	
103%	●	Hunter St Renewal Rd Infra Const - Capex (was Herbert st)	121101	121552	760,243	667,849	0	22,664	782,907	
1%	○	Urban Reseals Renewal Program - Various (Sealing Contractor) - Cap Ex - Renewal	121101	RRU	78,918	26,304	0	(78,118)	800	
0%	○	Various FootPath Upgrade - Cap Exp	1223481	FPUP001	46,337	0	0	(46,337)	0	
101%	●	Broome / Cape Leveque Rd - Unsealed pindan section - Cap Ex - Renewal	121505	RR80	18,000	6,000	0	157	18,157	
No Budget	□	Chinatown Landscaping Upgrade of Infra by P & G - Cap	121510	121510	0	0	16,352	16,352	0	
0%	○	Lar park renewals - Various	124600	124611	5,191	1,732	0	(5,191)	0	
106%	●	Male Oval New Carpark Const - Cap Exp	125000	125015	317,000	211,332	335,174	18,174	0	
		Old Broome Estate - New Bus bay Construction - Cap Exp	125100	BUSN002	0	21,278	0	0	0	
52%	○	Male Oval Bus Shelter - Infra Cap Exp	125100	BUSN003	30,000	10,000	15,607	(14,393)	0	
No Budget	□	Frangipani Subdivision Footpath Construction Expense - Cap Exp	125140	125197	0	0	4,810	4,810	0	
		Palmer Road - Footpath Construction	125140	125192	0	6,768	0	0	0	
0%	○	Hunter Street - Footpath Construction	125140	125222	136,100	43,668	0	(136,100)	0	

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 12: CAPITAL ACQUISITIONS

% of Completion	Level of Completion Indicator	Infrastructure Assets	YTD 31 Oct 2019							Strategic Reference / Comment
			Acct	Job	Amended Annual Budget	Amended YTD Budget	YTD Actual	Variance (Under)/Over	YTD Actual (Renewal Exp)	
		ROBROCK ESTABLISHMENT - Various Stages								
0%	<input type="radio"/>		125140	125269	9,521	13,432	0	(9,521)	0	
0%	<input type="radio"/>	Broome North Footpath New Const - Capex	125140	125277	386,391	126,913	1,290	(385,101)	0	
0%	<input type="radio"/>	Six Seasons Estate - Jansuburu Subdivision - Various Stages	125140	125279	13,043	4,752	0	(13,043)	0	
		Old Broome Estate Subdivision - Whole Estate - Various Paths								
0%	<input type="radio"/>		125140	125290	11,931	3,976	0	(11,931)	0	
No Budget	<input type="checkbox"/>	Jigal Drive Pedestrian Connection to Chinatown and Cable Beach - Cap Exp	125140	JDFOOT	0	0	5,180	5,180	0	
0%	<input type="radio"/>	Broome New Street Light Construction - Cap Exp	125200	STUN002	122,500	30,625	0	(122,500)	0	
39%	<input type="radio"/>	Street Lighting at Various Locations - Renewal	125225	125232	348,026	148,866	0	(213,436)	134,550	
No Budget	<input type="checkbox"/>	Footpath Old Broome Road - One Mile Access/Sandpiper/Short St	125300	125291	0	0	0	(3,089)	(3,089)	
83%	<input checked="" type="radio"/>	Various Footpath Renewal - Renewal Construction - Cap Exp	125300	VARPATH	141,903	47,302	0	(24,405)	117,498	
32%	<input type="radio"/>	Access & Inclusion Improvements New Infra - Cap Exp	1254421		48,800	9,601	15,613	(33,187)	0	
0%	<input type="radio"/>	Street Lighting Upgrade - Cap Exp - Cons Streets Roads Bridges	125215		5,299	0	0	(5,299)	0	
							0		0	
34%	<input type="radio"/>	Transport Total			4,525,769	2,128,741	474,192	(3,001,496)	1,050,082	
		Economic Services								
0%	<input type="radio"/>	Visitor Centre Renewal (Inc plant & Furn) - Cap Bldg Exp	132129		25,000	8,332	0	(25,000)	0	
No Budget	<input type="checkbox"/>	Promotional Banner Const Upgrade - Cap Exp - Tourism	132131	132132	0	0	771	771	0	
0%	<input type="radio"/>	Chinatown Project Stage 2 - CapEx	1367228		800,000	266,664	0	(800,000)	0	
		Chinatown revitalisation project Management - Cap Exp - Economic services special								
No Budget	<input type="checkbox"/>	Projects	1367402		0	0	357	357	0	
5%	<input type="radio"/>	Dampier St Upgrade - Cap Exp	1367404	1367407	111,972	0	5,055	(106,917)	0	
0%	<input checked="" type="radio"/>	Carnarvon St Upgrade - Cap Exp	1367404	1367408	87,976	0	0	(411)	(88,387)	
14%	<input type="radio"/>	Public Art (funded from Reserve) - Other Infra New - Cap Exp	1367405	1367412	16,693	0	2,330	(14,363)	0	
24%	<input type="radio"/>	Chinatown Entry Statement - Other Infra New - Cap Exp	1367405	1367415	200,000	66,668	47,680	(152,320)	0	
82%	<input checked="" type="radio"/>	Chinatown Public Wi-Fi Project - Other Infra New - Cap Exp	1367405	1367413	59,850	0	49,294	(10,556)	0	
							0		0	
8%	<input type="radio"/>	Economic Services Total			1,301,491	341,664	105,076	(1,196,415)	0	
		Other Property & Services								
29%	<input type="radio"/>	Vehicle & Mob Plant Renewal (Replacement) - Cap Exp - Gen Admin	142551		82,000	42,000	0	(58,206)	23,794	
2%	<input type="radio"/>	Shire Office Build Haas St Renewal - Cap Exp - Corp Gov	142558		131,133	65,000	0	(128,100)	3,033	
4%	<input type="radio"/>	Vehicle & Plant Renewal(Replacement) - Cap Exp - P&G Operations	143610		631,000	325,332	0	(605,668)	25,340	
78%	<input checked="" type="radio"/>	Vehicle & Plant New - Cap Exp - P&G Operations	143621		60,000	60,000	46,781	(13,219)	0	
1%	<input type="radio"/>	Equip & H/Ware > \$5000 Cap Exp - IT	146120		222,954	72,668	1,283	(221,671)	0	
32%	<input type="radio"/>	Software >\$5000 Cap Exp - IT	146122		161,000	30,668	52,135	(108,865)	0	
		Unit Care Ctr cmt Guy & Herbert fixed furn & equip NEW - Cap Exp - Community								
0%	<input type="radio"/>	Facilities Leased	146651		4,000	1,332	0	(4,000)	0	
0%	<input type="radio"/>	BOSCCA Building Renewal (Inc Plant & Furn) - Cap Exp - Com Fac Leased	146662		4,000	1,332	0	(4,000)	0	
95%	<input checked="" type="radio"/>	Building Capital > \$5k - Cap Exp - Unclassified Genera	147100		71,574	0	0	(3,299)	68,275	
0%	<input type="radio"/>	Shire Office Barker St - Building Renewal - Cap Exp - Corp Gov Support	147372		10,000	3,332	0	(10,000)	0	
41%	<input checked="" type="radio"/>	KRO1 Building Renewal - Cap Exp - Office Prop Leased	147374		248,565	119,000	0	(145,530)	103,035	
61%	<input checked="" type="radio"/>	KRO2 Building Renewal - Cap Exp - Office Prop Leased	147375		552,782	119,000	0	(217,565)	335,217	
0%	<input type="radio"/>	Depot Building Const Renewal - Cap Exp - Depot Operations	148003	148007	4,000	1,332	0	(4,000)	0	
0%	<input type="radio"/>	Vehicle & Mobile Plant Renewal(Replacement) - Cap Exp - Eng Office	148004		45,000	45,000	0	(45,000)	0	
22%	<input type="radio"/>	Vehicle & Mob Plant Renewal(Replacement) - Cap Exp - Works Ops	148611		906,397	430,664	0	(709,821)	196,576	
No Budget	<input type="checkbox"/>		148290		0	0	1,051	1,051	0	
									0	
27%	<input type="radio"/>	Other Property & Services Total			3,134,405	1,316,660	101,251	(2,277,884)	755,270	
19%	<input type="radio"/>	GRAND TOTAL			33,250,508	11,785,273	4,263,887	(25,814,540)	2,172,081	

SHIRE OF BROOME
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 October 2019

Note 12: CAPITAL ACQUISITIONS

% of Completion	Level of Completion Indicator	Infrastructure Assets	Acct	Job	Amended Annual Budget	Amended YTD Budget	YTD Actual	Variance (Under)/Over	YTD Actual (Renewal Exp)	Strategic Reference / Comment
0%	○	Land & Buildings - New			4,002,293	934,623	18,528	(3,363,765)	0	
		Land & Buildings - Upgrade			0	0	0	0	0	
		Land & Buildings - Renewal			1,629,182	1,629,189	0	(562,564)	0	
47%	○	Works in Progress Land & Buildings			0	0	0	0	0	
10%	○	Land & Buildings - Total			5,094,547	1,267,012	18,528	(4,566,439)	509,560	
43%	○	Recreation Areas Infrastructure - New			2,450,350	1,565,532	2,450,350	(1,291,152)	0	
224%	●	Recreation Areas Infrastructure - Upgrade			93,176	38,333	208,365	115,269	0	
31%	○	Recreation Areas Infrastructure - Renewal			290,010	88,552	0	(144,150)	0	
		Works in Progress Recreation Areas Infrastructure			0	0	0	0	0	
45%	○	Recreation Areas Infrastructure - Total			6,082,456	2,089,416	2,667,564	(3,340,433)	74,460	
27%	○	Roads, F/Paths & Bridges Infrastructure - New			1,644,597	682,324	452,042	(1,192,554)	0	
1%	○	Roads, F/Paths & Bridges Infrastructure - Upgrade			2,401,541	780,262	29,750	(1,231,891)	0	
91%	○	Roads, F/Paths & Bridges Infrastructure - Renewal			1,004,255	749,187	0	(88,761)	915,492	
		Works in Progress Roads, F/Paths & Bridges			0	0	0	0	0	
28%	○	Roads, F/Paths & Bridges Infrastructure - Total			5,049,892	2,311,514	479,192	(3,055,366)	915,492	
65%	○	Drainage Infrastructure - New			762,509	452,476	497,121	(265,388)	0	
4%	○	Drainage Infrastructure - Upgrade			328,900	109,892	11,927	(316,973)	0	
0%	○	Drainage Infrastructure - Renewal			21,200	7,401	0	(12,200)	0	
		Works in Progress Drainage Infrastructure			0	0	0	0	0	
46%	○	Drainage Infrastructure - Total			1,111,609	569,509	509,049	(604,561)	0	
4%	○	Other Infrastructure - New			12,452,730	4,211,520	447,644	(12,005,086)	0	
12%	○	Other Infrastructure - Upgrade			276,586	90,512	31,993	(244,803)	0	
35%	○	Other Infrastructure - Renewal			466,142	188,236	0	(265,103)	161,039	
		Works in Progress Other Infrastructure			0	0	0	0	0	
5%	○	Other Infrastructure - Total			13,195,458	4,490,268	479,637	(12,554,792)	161,039	
35%	○	Mobile Plant & Equip New			135,170	75,170	46,781	(88,389)	0	
		Mobile Plant & Equip Upgrade			0	0	0	0	0	
25%	○	Mobile Plant & Equipment Renewal (Replacement)			2,044,942	939,894	0	(1,105,048)	511,540	
26%	○	Mobile Plant & Equip - Total			2,180,112	1,015,064	46,781	(1,163,331)	511,540	
3%	○	Fixed Plant & Equipment - New			40,500	0	1,051	(39,449)	0	
		Fixed Plant & Equipment - Upgrade			0	0	0	0	0	
		Fixed Plant & Equipment - Renewal			0	0	0	0	0	
3%	○	Fixed Plant & Equipment - Total			40,500	0	1,051	(39,449)	0	
13%	○	Furniture & Equipment - New			493,913	130,988	22,085	(431,828)	0	
13%	○	Furniture & Equipment - Total			493,913	130,988	22,085	(431,828)	0	
19%	○	Capital Expenditure Total			33,250,508	11,785,273	4,263,887	(26,814,540)	2,172,081	

SHIRE OF BROOME
Monthly Statement of Financial Activity
For the Period Ending 31 October 2019

Appendix A: SUPPLEMENTARY NOTES TO THE MONTHLY REPORT

NOTES TO THIS MONTH'S REPORT

OVERVIEW

For the period ended 31 October 2019, the following are key indicators supporting the year to-date budget position with respect to the Annual Forecast Budget:

Budget Year elapsed	33.61%
Total Rates Raised Revenue	100% (of which 70.94% were paid)
Total Other Operating Revenue	31%
Total Operating Expenditure	28%
Total Capital Revenue	16%
Total Capital Expenditure	19%
Total Sale of Assets Revenue	26%

The budget was adopted at the Ordinary Meeting of Council on 27 June 2019. Council adopted a balanced annual budget, which included a net carried forward balance of \$4,006,759, being \$2,499,521 of carry-over projects, plus \$1,507,238 Financial Assistance Grants received in advance.

It should be noted that the end of financial year (EOFY) processes are now complete and the Annual Financial statements were presented to the Audit Committee on 15 October 2019 before the recommendations were presented to the Ordinary Meeting of Council on 17 October 2019. The final report included recommendations for the use of an adjusted surplus \$2,144,227 in carried forward surplus. These recommendations were approved by Council and incorporated into the 2019-20 budget.

More information on the Shire's current position can be found on Note 3 of these Financial Statements.

The details of all amendments year-to-date can be found on Note 5 of the Financial Report.

ADJUSTMENTS TO DETERMINE THE CASH POSITION

Budget Allocations

No amendments for Wages, Overhead and Plant Costs have been made this year.

CURRENT POSITION

Currently, to the end of October, the current position stands at \$18.93M.

Cash

Total Cash Assets are now \$50.60M having increased by \$0.7M.

The major collections this month include receipt of:

- \$940K from Lottery west grant for Town Beach Redevelopment & Water park expansion;
- \$643K from DLGSC for BRAC outdoor court project;
- \$780K from Main Roads WA RPG funding for Mc Daniel Rd;
- \$77K from Paspaley Pearls Properties Pty Ltd for Annual Rates' and
- \$76K from Broome Toxfree for use of TIP services.

The major expenditure items this month include payments of:

- \$588K to Roadline Civil Contractors for Town Beach Redevelopment (RFQ18/19);
- \$313K to McCorry Brown Earthmoving for Short St Drainage works (RFQ19/57);
- \$227K to Roadline Civil Contractors for Town Beach Redevelopment (RFQ18/05);
- \$162K to Major Motors for truck purchase (RFQ19/35); and
- \$114K to IT Vision for Annual License Fee.

Receivables

Sundry debtors including GST refundable stand at \$1.18M.

Rates and rubbish debtors stand at \$7.3M. Annual rates were raised on 18th July 2019 with due date of 22 August 2019. Rates & Rubbish debtors will continue to reduce throughout the year as ratepayers on instalment and payment plans continue to pay their rates.

Other Assets

These stand at \$147K having decreased by \$24K since the previous month.

Cash Liabilities

These stand at \$675K. This represents our obligation on our outstanding loans in 19/20.

Creditors and Payables

Sundry Creditors are \$3.47M, due to continued major infrastructure works in progress.

Other Payables comprising Tax Payable, FESA Levy Collected, Accrued Loan Interest, Prepayments Received and accruals stand at \$995K.

Employee Provisions and Accruals

In the normal course of events, these figures are adjusted in June and July each year by end of year accounting adjustments.

Current leave provisions are \$1.96M (Non-current leave provisions are \$476K). Accruals to reflect the year end position have been completed for the 2018-2019 year.

SHIRE OF BROOME
SCHEDULE 2
GENERAL FUND SUMMARY OF FINANCIAL ACTIVITY
Financial Statement For The Period Ending 31/10/2019

			Income		Expenditure	
Particulars			Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Operating Section						
GENERAL PURPOSE FUNDING	03		\$24,228,489.00	\$23,670,786.93	\$289,764.00	\$57,980.28
GOVERNANCE	04		\$440,532.00	\$158,305.62	\$3,042,668.05	\$577,605.84
LAW ORDER AND PUBLIC SAFETY	05		\$182,885.00	\$27,161.35	\$1,380,971.31	\$373,615.69
HEALTH	07		\$187,168.00	\$126,332.03	\$684,329.03	\$217,741.22
EDUCATION AND WELFARE	08		\$17,000.00	\$10,454.55	\$505,242.04	\$129,100.35
HOUSING	09		\$751,345.00	\$220,117.04	\$862,650.00	\$233,067.47
COMMUNITY AMENITIES	10		\$7,137,797.00	\$4,047,934.71	\$10,645,909.83	\$2,485,593.94
RECREATION AND CULTURE	11		\$1,529,675.00	\$382,115.84	\$13,651,909.45	\$3,920,472.86
TRANSPORT	12		\$6,036,865.00	\$90,690.58	\$10,208,820.54	\$3,296,318.39
ECONOMIC SERVICES	13		\$1,196,318.00	\$353,012.79	\$2,526,920.49	\$742,039.31
OTHER PROPERTY AND SERVICES	14		\$2,281,605.24	\$736,315.88	\$3,385,437.11	\$1,134,891.87
Total Operating Section			\$43,989,679.24	\$29,823,227.32	\$47,184,621.85	\$13,168,427.22
Capital Section						
GOVERNANCE	04		\$206,687.00	\$0.00	\$70,652.00	\$156.99
LAW ORDER AND PUBLIC SAFETY	05		\$1,200,000.00	\$125.00	\$1,609,980.00	\$893.63
HEALTH	07		\$0.00	\$0.00	\$0.00	\$0.00
HOUSING	09		\$0.00	\$0.00	\$0.00	\$0.00
COMMUNITY AMENITIES	10		\$2,030,543.00	\$137,961.00	\$2,275,044.27	\$838,987.97
RECREATION AND CULTURE	11		\$19,456,414.00	\$1,534,558.19	\$23,396,943.23	\$3,115,404.15
TRANSPORT	12		\$2,668,117.00	\$1,066,732.20	\$5,291,301.38	\$1,525,352.26
ECONOMIC SERVICES	13		\$162,768.00	\$23,320.86	\$1,393,356.00	\$105,075.66
OTHER PROPERTY AND SERVICES	14		\$1,465,256.00	\$61,454.55	\$3,572,874.00	\$857,931.92
Total Capital Section			\$27,189,785.00	\$2,824,151.80	\$37,610,150.88	\$6,443,802.58
TOTAL INCOME AND EXPENDITURE			\$71,179,464.24	\$32,647,379.12	\$84,794,772.73	\$19,612,229.80
			\$71,179,464.24	\$32,647,379.12	\$84,794,772.73	\$19,612,229.80
Surplus / Deficit C/Fwd			\$13,615,308.49	\$0.00	\$0.00	\$13,035,149.32
			\$84,794,772.73	\$32,647,379.12	\$84,794,772.73	\$32,647,379.12

SURPLUS / DEFICIT REPRESENTED BY:

NET CURRENT ASSETS

SHIRE OF BROOME
Schedule 03
GENERAL PURPOSE FUNDING

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Rates			289,764.00	57,980.28
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$289,764.00	\$57,980.28
Operating Income				
Rates	23,272,671.00	23,437,354.10		
Other General Purpose Funding	955,818.00	233,432.83		
TOTAL OPERATING INCOME	\$24,228,489.00	\$23,670,786.93	\$0.00	\$0.00
TOTAL GENERAL PURPOSE FUNDING	\$24,228,489.00	\$23,670,786.93	\$289,764.00	\$57,980.28

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 03
GENERAL PURPOSE FUNDING

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Rates				
Operating Expenditure				
0030141 - Doubtful Debts Expenses - Op Exp - Rates				
0030145 - Debt Collection Recovery			76,000.00	3,349.43 4%
0030149 - Legal & Rates Consulting Exp - Op Exp - Rates			20,376.00	0.00 0%
0030251 - Rates Reduced/Written Off - Op Exp - Rates			5,000.00	240.64 5%
0030530 - Admin Cost Alloc - Op Exp - Rates			145,188.00	40,787.27 28%
0032220 - Valuation Expenses - Op Exp - Rates			10,500.00	1,219.27 12%
0032230 - Rates Review Land Use Pickup - Op Exp - Rates			2,000.00	0.00 0%
0032250 - General Expenditure - Op Exp - Rates			30,000.00	12,383.67 41%
0032290 - Refunds - Over/ Prepaid Rates - Op Exp - Rates			500.00	0.00 0%
0032291 - Refunds/Reimbursements of Fees - Op Exp - Rates			200.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$289,764.00	\$57,980.28
Operating Income				
0030105 - Rates Broome - Op Inc - Rates	22,798,521.00	23,142,106.36 102%		
0030146 - Interest - Rates Instalments - Op Inc - Rates	140,000.00	140,920.14 101%		
0030147 - Rates Admin Instalment Charge - Op Inc - Rates	61,500.00	59,300.00 96%		
0030201 - Rates Non Payment Int - Op Inc - Rates	160,000.00	64,748.17 40%		
0030203 - Interest - Deferred Rates - Op Inc - Rates	0.00	-2,409.81 100%		
0032480 - Rates Enquiry Fees - Op Inc - Rates	28,150.00	10,450.00 37%		
0032481 - Rates Other Fees for Service (ex GST)- Op Inc - Rates	8,000.00	2,967.50 37%		
0032490 - Legal Expense Recovery No GST - Op Inc - Rates	76,000.00	4,385.91 6%		
0032491 - Other Refunds/Reimbursements - Op Inc - Rates	500.00	0.00 0%		
0032492 - Back Rates - Op Inc - Rates	0.00	14,885.83 100%		
Sub Total To Programme Summary	\$23,272,671.00	\$23,437,354.10	\$0.00	\$0.00
Total Rates	\$23,272,671.00	\$23,437,354.10	\$289,764.00	\$57,980.28
Other General Purpose Funding				
Operating Income				
0030301 - Grants Commission - Op Inc - Other General Purpose Funding	955,818.00	233,432.83 24%		
Sub Total To Programme Summary	\$955,818.00	\$233,432.83	\$0.00	\$0.00
Total Other General Purpose Funding	\$955,818.00	\$233,432.83	\$0.00	\$0.00

SHIRE OF BROOME
Schedule 03
GENERAL PURPOSE FUNDING

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
TOTAL GENERAL PURPOSE FUNDING	\$24,228,489.00	\$23,670,786.93	\$289,764.00	\$57,980.28

SHIRE OF BROOME
Schedule 04
GOVERNANCE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Council Member Activities			573,875.00	202,137.56
Other Governance Activities			2,004,017.05	345,635.90
Kimberley Regional Collaborative Group (Zone)			464,776.00	29,832.38
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$3,042,668.05	\$577,605.84
Operating Income				
Council Member Activities	1,000.00			
Other Governance Activities	21,687.00	1,046.79		
Kimberley Regional Collaborative Group (Zone)	417,845.00	157,258.83		
TOTAL OPERATING INCOME	\$440,532.00	\$158,305.62	\$0.00	\$0.00
Capital Expenditure				
Other Governance Activities			62,807.00	46.79
Kimberley Regional Collaborative Group (Zone)			7,845.00	110.20
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$70,652.00	\$156.99
Capital Income				
Other Governance Activities	133,307.00			
Kimberley Regional Collaborative Group (Zone)	73,380.00			
TOTAL CAPITAL INCOME	\$206,687.00	\$0.00	\$0.00	\$0.00
TOTAL GOVERNANCE	\$647,219.00	\$158,305.62	\$3,113,320.05	\$577,762.83

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 04
GOVERNANCE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Council Member Activities					
Operating Expenditure					
0024010 - Conferences Travel & Accom Op Exp - Members			42,000.00	15,301.88	36%
0024020 - Shire President & CEO Special Travel - Op Exp - Members			11,000.00	3,279.43	30%
0024040 - Election Expenses Op Exp - Members			38,500.00	3,154.70	8%
0024060 - Broome Shire Council Allowances Members Op Exp - Members			251,887.00	75,382.48	30%
0024160 - Subscriptions Op Exp - Members			45,900.00	48,495.17	106%
0024280 - Sundry Expenses - Op Exp - Members			5,200.00	581.80	11%
0024530 - Admin Costs Alloc-Op Exp - Members			110,976.00	31,177.12	28%
0403298 - IT Costs Allocated - Council Members			68,412.00	24,764.98	36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$573,875.00	\$202,137.56	
Operating Income					
0024390 - Reimbursements & Sundry Income With GST - Op Inc - Members	500.00	0.00	0%		
0024391 - Reimbursements & Sundry Income No GST - Op Inc - Members	500.00	0.00	0%		
Sub Total To Programme Summary	\$1,000.00	\$0.00	\$0.00	\$0.00	
Total Council Member Activities	\$1,000.00	\$0.00	\$573,875.00	\$202,137.56	
Other Governance Activities					
Operating Expenditure					
0022110 - Refreshments & Receptions - Op Exp - Other Governance			20,000.00	3,651.57	18%
0022115 - Minor Asset & Equip <\$5K - Op Exp - Other Governance			500.00	0.00	0%
0022118 - Kullarri Patrol Support - Op Exp - Other Governance			20,000.00	0.00	0%
0022120 - Naturalisation Ceremonies - Op Exp - Other Governance			1,000.00	255.85	26%
0022121 - Kimberley Zone - SOB's Members Costs - Op Exp - Kimberley Zone			20,000.00	823.81	4%
0022124 - Contribution to Kimberley Zone Secretariat			65,000.00	0.00	0%
0022125 - WARCA (WA Regional Capitals Alliance) - Op Exp - Other Governance			35,000.00	11,018.16	31%
0022130 - Sundry Op Exp - Other Governance			500.00	0.00	0%
0022171 - Council Newsletter & Community Info Op Exp - Other Governance			52,000.00	11,241.81	22%
0022172 - Community Sponsorship Program - Op Exp - Other Governance			117,282.00	30,809.00	26%
0022173 - EDL sponsorship programme Reserve Funded - Op Exp - Other Governance			144,719.00	10,500.00	7%

SHIRE OF BROOME
Schedule 04
GOVERNANCE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0022174 - Sundry In Kind Donations Op Exp - Other Governance			282,086.00	41,000.00	15%
0022175 - CEO Ad hoc Sponsorship Programme - Op Exp - Other Governance			10,000.00	1,606.36	16%
0022177 - LandCorp Bme North Community-Sponsorship Prog Grant Exps - Op Exp - Other Gov					
0022200 - Audit Fees Op Exp - Other Governance			110,500.00	-74,874.90	-68%
0022230 - Legal Exps Op Exp - Other Governance			25,000.00	2,351.44	9%
0022290 - Sister City Relations/Japanese Youth Ambassador - Op Exp - Other Governance			17,800.00	5,903.77	33%
0022530 - Gen Agenda Items & Councillor Support - IT Eng & Admin Costs Alloc - Op Exp			170,256.00	47,827.27	28%
0023010 - Salary - Op Exp - Other Governance			447,243.05	158,258.89	35%
0023014 - Superannuation Employee Expense- Other Governance			65,546.00	17,141.79	26%
0023015 - Executive Travel & Accom - Op Exp - Other Governance			25,000.00	8,818.30	35%
0023016 - Promotions Exp - Op Exp - Other Governance			32,300.00	13,630.13	42%
0023031 - Other Employment Costs - Other Gov			39,464.00	5,494.77	14%
0023035 - Plant & Vehicle Op Exp - Other Governance			0.00	3,215.46	100%
0023040 - Youth Development Programme & Working Group - Op Exp - Other Governance			38,768.00	2,497.26	6%
0023052 - Volunteers Day Program Op Exp - Other Governance			3,000.00	0.00	0%
0023096 - Loss On Sale Of Assets Op Exp - Other Governance			14,245.00	0.00	0%
0023450 - Consultants - Op Exp - Other Governance			180,000.00	29,331.00	16%
0023451 - Staff EBA Review Provision - Op Exp - Other Gov					
0023453 - Review of Strategies Relating to the Community Strategic Plan - Op Exp - Other Gov			25,000.00	0.00	0%
0404298 - IT/Records Costs Allocated - Other Governance			41,808.00	15,134.16	36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$2,004,017.05	\$345,635.90	
Operating Income					
0022116 - Reimbursements Including GST Op Inc. - Other Governance					
0023050 - Grant Op - Youth Coordinating Committee Op Inc. - Other Governance	18,880.00	1,000.00			5%
0023530 - Interest Rec EDL Sponsorship Reserve - Op Inc. - Other Governance	1,348.00	32.83			2%
0023535 - Interest Rec Community Sponsorship Reserve - Op Inc. - Other Governance	1,459.00	13.96			1%

SHIRE OF BROOME
Schedule 04
GOVERNANCE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Sub Total To Programme Summary	\$21,687.00	\$1,046.79	\$0.00	\$0.00
Capital Expenditure				
0023571 - Vehicle & Mobile Plant Renewal (Replacement) Cap Exp - Other Gov			60,000.00	0.00 0%
0023592 - Transfer to EDL Sponsorship Reserve - Cap Exp - Other Governance			1,348.00	32.83 2%
0023595 - Transfer to Community Sponsorship Reserve - Cap Exp - Other Governance			1,459.00	13.96 1%
Sub Total To Programme Summary	\$0.00	\$0.00	\$62,807.00	\$46.79
Capital Income				
0022940 - Transfer from Plant Reserve - Other Governance	10,000.00	0.00 0%		
0023049 - Transfer From - Restricted Cash Reserve - Other Governance - Cap Inc				
0023094 - Proceeds On Sale Of Assets - Cap Inc - Other Governance	35,000.00	0.00 0%		
0023593 - Transfer From EDL Sponsorship Reserve - Cap Inc - Other Gov	88,307.00	0.00 0%		
0023596 - Transfer From Community Sponsorship Reserve Cap Inc - Other Gov				
Sub Total To Programme Summary	\$133,307.00	\$0.00	\$0.00	\$0.00
Total Other Governance Activities	\$154,994.00	\$1,046.79	\$2,066,824.05	\$345,682.69
Kimberley Regional Collaborative Group (Zone)				
Operating Expenditure				
0022122 - Kimberley Zone - Salary -Regional Project Officer - Op Exp				
0022126 - Kimberley Zone - Kimberley Waste Management Plan - Op Exp				
0022127 - Kimberley Zone - Vehicle Expenses - Op Exp				
0022128 - Kimberley Zone - Forums & Conferences - Op Exp				
0022129 - Kimberley Zone - Zone & RCG Meeting Expenses - Op Exp			25,000.00	5,632.79 23%
0022131 - Kimberley Zone - Meetings - Op Exp			7,000.00	0.00 0%
0022132 - Kimberley Zone - Kimberley Regional Group Forum - Op Exp			20,000.00	819.09 4%
0022133 - Kimberley Zone - Legal Advice - Op Exp				
0022134 - Kimberley Zone - Annual Financial Audit - Op Exp			5,000.00	0.00 0%
0022135 - Kimberley Zone - Office Expenses - Op Exp				
0022136 - Kimberley Zone - IT Support - Op Exp			1,500.00	0.00 0%
0022137 - Kimberley Zone - Sundry Expenses - Op Exp			1,000.00	0.00 0%
0022138 - Kimberley Zone - Superannuation Employee Expense - Op Exp				

SHIRE OF BROOME
Schedule 04
GOVERNANCE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0022143 - Kimberley Zone - Savannah Way Membership - Op Exp			5,000.00	0.00	0%
0022146 - Kimberley Zone - Strategic Community Plan - Op Exp					
0022148 - Kimberley Zone - Other Employment Costs - Op Exp					
0022180 - Kimberley Zone - Volunteering Strategy - Op Exp					
0022181 - Kimberley Zone - Executive Consultancy - Op Exp			112,320.00	23,268.75	21%
0022182 - Kimberley Zone - Administrative Consultancy - Op Exp			32,560.00	0.00	0%
0404226 - Kimberley Zone - Personal Development Training - Op Exp					
0405233 - Kimberley Zone - RCG Project Seed Fund - Op Exp					
0405234 - Kimberley Zone - Volunteering Strategy - Op Exp			36,000.00	0.00	0%
0405235 - Kimberley Zone - Alcohol Management Initiatives - Op Exp			115,000.00	0.00	0%
0405236 - Kimberley Zone - Procurement Improvement Program - Op Exp					
0405237 - Kimberley Zone - ICT & Office 365 Improvements - Op Exp			10,000.00	0.00	0%
0405238 - Kimberley Zone - Kimberley Waste Management Plan - Op Exp			10,000.00	0.00	0%
0405239 - Kimberley Zone - Kimberley Land Tenure Implementation Plan - Op Exp			5,000.00	0.00	0%
0405240 - Kimberley Zone - Kimberley Regional Education / Training Business Case - Op Exp			8,000.00	0.00	0%
0405241 - Kimberley Zone - Savannah Way Business Case Implementataion Plan - Op Exp			5,000.00	0.00	0%
0405242 - Kimberley Zone - Liquid Waste Business Case - Op Exp					
0405243 - Kimberley Zone - Tanami Business Case - Op Exp			66,000.00	0.00	0%
0405297 - Kimberley Zone - Admin Cost Allocated - Op Exp			396.00	111.75	28%
0405298 - Kimberley Zone - IT/Records COst Allocated - Op Exp					
Sub Total To Programme Summary	\$0.00	\$0.00	\$464,776.00	\$29,832.38	
Operating Income					
0023013 - Kimberley Zone - Reimbursement Zone & RCG Meetings Expenses - Op Inc	22,000.00	0.00			0%
0023018 - Kimberley Zone - Reimbursement Meetings - Op Inc	3,000.00	0.00			0%
0023019 - Kimberley Zone - Reimbursement Darwin Forum and Other Expense Recoveries - Op Inc	20,000.00	7,148.63			36%
0023020 - Kimberley Zone - Refund of Member Contribution Prior Year - Op Inc					
0023021 - Kimberley Zone - Members Contribution Secretariat Costs - Op Inc	200,000.00	150,000.00			75%

SHIRE OF BROOME

Schedule 04

GOVERNANCE

Financial Statement For The Period Ending 31/10/2019

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0023061 - Kimberley Zone - Members Contribution - Kimberley Waste Management Plan Op Inc					
0023536 - Kimberley Zone - Interest on Reserve - Op Inc.	7,845.00	110.20	1%		
0405370 - Kimberley Zone - Kimberley Volunteer Strategy Grant	65,000.00	0.00	0%		
0405382 - Kimberley Zone - RCG Project Seed Fund - Op Inc					
0405385 - Kimberley Zone - Alcohol Management Initiatives Grant - Op Inc	100,000.00	0.00	0%		
Sub Total To Programme Summary	\$417,845.00	\$157,258.83	\$0.00	\$0.00	
Capital Expenditure					
0023597 - Kimberley Zone - Transfer to Kimberley Zone Reserve - Cap Exp -			7,845.00	110.20	1%
Sub Total To Programme Summary	\$0.00	\$0.00	\$7,845.00	\$110.20	
Capital Income					
0023598 - Transfer From Kimberley Zone Reserve - Cap Inc - Kimberley Zone	73,380.00	0.00	0%		
Sub Total To Programme Summary	\$73,380.00	\$0.00	\$0.00	\$0.00	
Total Kimberley Regional Collaborative Group (Zon	\$491,225.00	\$157,258.83	\$472,621.00	\$29,942.58	
TOTAL GOVERNANCE	\$647,219.00	\$158,305.62	\$3,113,320.05	\$577,762.83	

SHIRE OF BROOME
Schedule 05
LAW ORDER AND PUBLIC SAFETY
Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Emergency & Ranger Administration			42,937.00	941.99
Ranger Operations			409,086.58	190,088.70
Fire Prevention			519,702.73	37,958.67
Animal Control			193,559.00	98,160.60
Other Law Order & Public Safety			112,926.00	26,701.61
Volunteer Bush Fire Brigade			74,780.00	13,730.68
SES/Fire & Emergency Services			27,980.00	6,033.44
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$1,380,971.31	\$373,615.69
Operating Income				
Emergency & Ranger Administration	20,000.00			
Fire Prevention	33,500.00			
Animal Control	86,705.00	25,862.70		
Other Law Order & Public Safety	22,680.00	1,298.65		
Volunteer Bush Fire Brigade	5,000.00			
SES/Fire & Emergency Services	15,000.00			
TOTAL OPERATING INCOME	\$182,885.00	\$27,161.35	\$0.00	\$0.00
Capital Expenditure				
Ranger Operations				
Other Law Order & Public Safety			187,556.00	
Volunteer Bush Fire Brigade			1,198,424.00	893.63
SES/Fire & Emergency Services			224,000.00	
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$1,609,980.00	\$893.63
Capital Income				
Ranger Operations				
Volunteer Bush Fire Brigade	1,200,000.00			
SES/Fire & Emergency Services		125.00		
TOTAL CAPITAL INCOME	\$1,200,000.00	\$125.00	\$0.00	\$0.00
TOTAL LAW ORDER AND PUBLIC SAFETY	\$1,382,885.00	\$27,286.35	\$2,990,951.31	\$374,509.32

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 05
LAW ORDER AND PUBLIC SAFETY
Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Emergency & Ranger Administration				
Operating Expenditure				
0052114 - Other Employment Costs - Emerg & Ranger Services			807.00	0.00 0%
0052116 - Phone Expenses Op Exp - Emerg & Rang Serv			2,130.00	721.99 34%
0052119 - Emergency Management Expenses - Op Exp - Emerg & Rang Serv			40,000.00	0.00 0%
0052184 - Sundry Equip - Op Exp - Emerg & Rang Serv			0.00	220.00 100%
Sub Total To Programme Summary	\$0.00	\$0.00	\$42,937.00	\$941.99
Operating Income				
0052341 - Reimb & Other Op Income - Emerg & Rang Serv	20,000.00	0.00 0%		
Sub Total To Programme Summary	\$20,000.00	\$0.00	\$0.00	\$0.00
Total Emergency & Ranger Administration	\$20,000.00	\$0.00	\$42,937.00	\$941.99
Ranger Operations				
Operating Expenditure				
0052020 - Other Employment Costs - Op Exp - Ranger Operations			10,312.00	1,506.50 15%
0052281 - Ranger Uniforms - Op Exp - Ranger Operations			2,500.00	2,240.91 90%
0052284 - Advertising & Promotion - Op Exp - Ranger Operations			2,000.00	57.50 3%
0052285 - Phone Exp - Op Exp - Ranger Operations			6,450.00	2,582.32 40%
0052296 - Loss on Asset Sale - Op Exp - Ranger Operations				
0052530 - Admin Costs Alloc - Op Exp - Ranger Operations			116,148.00	32,629.81 28%
0052800 - Vehicle & Plant Exps - Rangers (Post Expenses to the Plant Number Only) - Op Exp - Ranger Operations			0.00	13,234.43 100%
0053010 - Salary - Op Exp - Ranger & Beach Operations			133,348.58	57,807.36 43%
0053011 - Superannuation Employee Expense - Ranger Ops			49,660.00	19,086.03 38%
0053015 - Relief Staff Exp - Op Exp - Ranger Operations			0.00	30,896.16 100%
0053016 - Legal Exps- Op Exp - Ranger Operations			0.00	135.00 100%
0053017 - Fines Enforcement Registry Exp - Op Exp - Ranger Operations			10,000.00	637.02 6%
0053018 - Rangers Equipment - Op Exp - Ranger Operations			7,500.00	4,260.21 57%
0053033 - Security Beach Patrols - Op Exp - Ranger Operations			9,500.00	2,689.44 28%
0507298 - IT/Records Allocated - Ranger Operations			61,668.00	22,326.01 36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$409,086.58	\$190,088.70

SHIRE OF BROOME
Schedule 05
LAW ORDER AND PUBLIC SAFETY
Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Capital Expenditure				
0052550 - Vehicle & Mob Plant Renewal(Replacement) Exp -Cap Exp -Ranger Ops 0053955 - Furn & Equip New - Cap Exp - Ranger Operations				
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00
Capital Income				
0052950 - Proceeds From Sale of Assets - Cap Inc- Ranger Operations				
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00
Total Ranger Operations	\$0.00	\$0.00	\$409,086.58	\$190,088.70
Fire Prevention				
Operating Expenditure				
0051010 - Salaries - Op Exp - Fire Prevention			418,571.10	15,429.91 4%
0051015 - Fighting Support by Works - Op Exp - Fire Prevention			4,437.63	1,072.63 24%
0051051 - FESA Levy Paid on Shire Land - Op Exp - Fire Prevention			12,767.00	10,930.34 86%
0051100 - Firebreak Slashing Exp Recoupable - Op Exp - Fire Prevention			26,000.00	0.00 0%
0051530 - Admin cost Alloc - Op Exp - Fire Prevention			36,204.00	10,168.88 28%
0508206 - Other Employment Costs - Op Exp - Fire Prevention			774.00	356.91 46%
0508216 - Bush Fire Mitigation - Op Exp - Fire Prevention			20,949.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$519,702.73	\$37,958.67
Operating Income				
0051400 - Fines - Op Inc - Fire Prevention	2,500.00	0.00 0%		
0051405 - Sundry Income - Op Inc - Fire Prevention	26,000.00	0.00 0%		
0051410 - User Charges - Fire - Slashing Etc - Op Inc - Fire Prevention	5,000.00	0.00 0%		
Sub Total To Programme Summary	\$33,500.00	\$0.00	\$0.00	\$0.00
Total Fire Prevention	\$33,500.00	\$0.00	\$519,702.73	\$37,958.67
Animal Control				
Operating Expenditure				
0052010 - Salaries - Op Exp - Animal Control			0.00	36,649.85 100%
0052011 - Reimbursement Exp - Op Exp - Animal Control				
0052012 - Advertising Tags & Other Animal Control Exps - Op Exp - Animal Control			5,000.00	382.00 8%
0052040 - Pound Fees Animal Destruction & Disposal - Op Exp - Animal Control			80,000.00	31,051.02 39%

SHIRE OF BROOME
Schedule 05
LAW ORDER AND PUBLIC SAFETY
Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0052286 - Cat Sterilisation Program - Op Exps - Animal Control			2,000.00	0.00	0%
0052287 - Dog Sterilisation Program - Op Exps - Animal Control			2,000.00	355.00	18%
0057530 - Admin Costs Alloc to Animal Control - Op Exp - Animal Control			102,624.00	28,830.45	28%
0509206 - Other Employment Costs - Op Exp - Animal Control			1,935.00	892.28	46%
Sub Total To Programme Summary	\$0.00	\$0.00	\$193,559.00	\$98,160.60	
Operating Income					
0052400 - Animal Fines & Penalties - Op Inc - Animal Control	12,000.00	1,442.70			12%
0052410 - Dog Impounding Fees & Sundries - Op Inc - Animal Control	24,995.00	9,085.00			36%
0052416 - Cat Registration - Op Inc - Animal Control	2,000.00	1,125.00			56%
0052420 - Dog Registration - Op Inc - Animal Control	47,710.00	14,210.00			30%
Sub Total To Programme Summary	\$86,705.00	\$25,862.70	\$0.00	\$0.00	
Total Animal Control	\$86,705.00	\$25,862.70	\$193,559.00	\$98,160.60	
Other Law Order & Public Safety					
Operating Expenditure					
0053034 - Surf Club Operating Exps - Op Exp - Other Law Order & Public Safety			18,409.00	4,142.52	23%
0053036 - Surf Club Building Maint - Op Exp - Other Law Order & Public Safety			1,300.00	0.00	0%
0053060 - Impounding of Vehicles Expense - Op Exp - Other Law Order & Public Safety			15,000.00	3,132.55	21%
0053273 - Cable Beach Foreshore Restore			60,000.00	15,500.00	26%
0053286 - Warning Signs Maintenance - Op Exp - Other Law Order & Public Safety			1,000.00	0.00	0%
0053410 - Fixed Asset Dep'n - Op Exp - Other Law Order & Public Safety			14,433.00	3,144.32	22%
0053530 - Admin Costs Alloc - Op Exp - Other Law Order & Public Safety			2,784.00	782.22	28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$112,926.00	\$26,701.61	
Operating Income					
0053340 - Surf Club - Rent & Recoup Income - Op Inc	6,120.00	0.00			0%
0053400 - Sundry (ORV Etc) Fines & Penalties - Op Inc - Other Law Order & Public Safety	15,060.00	1,298.65			9%
0053405 - Vehicle Impounding Fees - Op Inc - Other Law Order & Public Safety	500.00	0.00			0%
0053450 - Sale of Impounded Vehicles & Goods - Op Inc - Other Law Order & Public Safety	1,000.00	0.00			0%
Sub Total To Programme Summary	\$22,680.00	\$1,298.65	\$0.00	\$0.00	
Capital Expenditure					

SHIRE OF BROOME
Schedule 05
LAW ORDER AND PUBLIC SAFETY
Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0053238 - Surf Club Building Renewal (Inc Plant & Furniture) Cap Exp-Law Ord & PS			17,200.00	0.00	0%
0053239 - Surf Club Building Upgrade (Inc Plant & Furniture) Cap Exp-Law Ord & PS					
0053256 - Transfer to Building Reserve - Cap Exp - Other Law Ord & Public Safety			170,356.00	0.00	0%
0053257 - Danger & Warning Signs Upgrade - Cap Exp - Law Ord & PS					
Sub Total To Programme Summary	\$0.00	\$0.00	\$187,556.00	\$0.00	
Total Other Law Order & Public Safety	\$22,680.00	\$1,298.65	\$300,482.00	\$26,701.61	
Volunteer Bush Fire Brigade					
Operating Expenditure					
0051030 - Admin Costs Alloc - Op Exp - Volunteer Bush Fire Brigade			1,596.00	446.98	28%
0051050 - Insurance Exp - VBFB/FESA - Op Exp - Volunteer Bush Fire Brigade			2,202.00	327.07	15%
0053130 - Land & Building Maint - VBFB/FESA - Op Exp - Volunteer Bush Fire Brigade			2,000.00	0.00	0%
0053146 - Utilities Rates & Taxes - VBFB/FESA - Op Exp - Volunteer Bush Fire Brigade			700.00	448.69	64%
0053198 - Dep'n Exp - VBFB/FESA - Op Exp - Volunteer Bush Fire Brigade			68,282.00	11,311.44	17%
0053291 - Vehicles & Boat Maint - VBFB/FESA - Op Exp - Volunteer Bush Fire Brigade			0.00	1,196.50	100%
Sub Total To Programme Summary	\$0.00	\$0.00	\$74,780.00	\$13,730.68	
Operating Income					
0051401 - Bush Fire Brigade FESA Operating Grant - Op Inc - Volunteer Bush Fire Brigade	5,000.00	0.00	0%		
Sub Total To Programme Summary	\$5,000.00	\$0.00	\$0.00	\$0.00	
Capital Expenditure					
0053172 - VBFB Building New Const - Cap Exp - Volunteer Bush Fire Brigade			1,198,424.00	893.63	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,198,424.00	\$893.63	
Capital Income					
0053390 - Capital Grant Funding For Plant/Equip/ Buildings - Cap Inc - Volunteer Bush Fire Brigade	1,200,000.00	0.00	0%		
Sub Total To Programme Summary	\$1,200,000.00	\$0.00	\$0.00	\$0.00	
Total Volunteer Bush Fire Brigade	\$1,205,000.00	\$0.00	\$1,273,204.00	\$14,624.31	

SES/Fire & Emergency Services**Operating Expenditure**

SHIRE OF BROOME
Schedule 05
LAW ORDER AND PUBLIC SAFETY
Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
0055125 - Vehicles & Boats Maint - - Op Exp - SES/ Fire & Emergency Services			0.00	1,899.75 100%
0055130 - Land & Building Maint - Op Exp - SES/ Fire & Emergency Services			2,000.00	-5,922.18 -296%
0055146 - Utilities Rates & Taxes - - Op Exp - SES/ Fire & Emergency Services			10,770.00	2,430.77 23%
0055155 - Insurance Exp - - Op Exp - SES/ Fire & Emergency Services			3,665.00	4,360.81 119%
0055198 - Dep'n Exp - Op Exp - SES/ Fire & Emergency Services			10,753.00	3,040.80 28%
0055230 - Admin Costs Alloc - Op Exp - SES/Fire & Emergency Services			792.00	223.49 28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$27,980.00	\$6,033.44
Operating Income				
0055300 - State Grants/Reimbursements - Op Inc - SES/ Fire & Emergency Services	15,000.00	0.00 0%		
Sub Total To Programme Summary	\$15,000.00	\$0.00	\$0.00	\$0.00
Capital Expenditure				
0055286 - SES Buildings New Const > \$5000 - Cap Exp - SES/ Fire & Emergency Services			224,000.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$224,000.00	\$0.00
Capital Income				
0055482 - Loan 176 Principal Repayments Rec'd - Cap Inc - SES/ Fire & Emergency Services	0.00	125.00 100%		
Sub Total To Programme Summary	\$0.00	\$125.00	\$0.00	\$0.00
Total Ses/Fire & Emergency Services	\$15,000.00	\$125.00	\$251,980.00	\$6,033.44
TOTAL LAW ORDER AND PUBLIC SAFETY	\$1,382,885.00	\$27,286.35	\$2,990,951.31	\$374,509.32

SHIRE OF BROOME

Schedule 07

HEALTH

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Health Service - Inspection			645,453.03	208,445.34
Health Service - Pest Control			16,480.00	665.66
Health Service - Other			22,396.00	8,630.22
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$684,329.03	\$217,741.22
Operating Income				
Health Service - Inspection	187,168.00	120,743.44		
Health Service - Pest Control		5,588.59		
TOTAL OPERATING INCOME	\$187,168.00	\$126,332.03	\$0.00	\$0.00
Capital Income				
Health Service - Pest Control				
TOTAL CAPITAL INCOME	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL HEALTH	\$187,168.00	\$126,332.03	\$684,329.03	\$217,741.22

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 07
HEALTH

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Health Service - Inspection				
Operating Expenditure				
0074010 - Salary - Op Exp - Preventive - Inspection/Admin			434,589.03	112,901.54 26%
0074011 - Relief Staff Expenses - Op Exp - Preventive - Inspection/Admin			0.00	10,431.23 100%
0074012 - Superannuation Employee Expense - Health			40,846.00	12,608.73 31%
0074028 - FBT & Staff Utilities Expense - Op Exp - Preventive - Inspection/Admin			2,199.00	0.00 0%
0074280 - Other Minor Expenditure - Op Exp - Preventive - Inspection/Admin			11,040.00	11,108.81 101%
0074298 - Fixed Asset Dep'n - Op Exp - Preventive - Inspection/Admin			1,228.00	410.58 33%
0074530 - Admin Costs Alloc - Op Exp - Preventive - Inspection/Admin			85,128.00	23,913.62 28%
0078800 - Vehicle & Plant Exps - Op Exp - Preventive - Inspection/Admin			0.00	13,356.24 100%
0716206 - Other Employment Costs - Op Exp - Health Services Inspection			14,803.00	3,577.41 24%
0716298 - IT/Records Costs Allocated -Health Services Inspection			55,620.00	20,137.18 36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$645,453.03	\$208,445.34
Operating Income				
0074400 - Health Fines & Penalties - Op Inc - Preventive - Inspection/Admin	100.00	0.00 0%		
0074413 - Commercial Pool Inspection Fees - Op Inc - Preventive - Inspection/Admin	81,832.00	26,572.00 32%		
0074414 - Water Sampling (Not Swimming Pools) - Op Inc - Health Service Inspect	3,910.00	0.00 0%		
0074420 - Health Licences - Op Inc - Preventive - Inspection/Admin	72,361.00	74,359.77 103%		
0074421 - Inspections and Minor Charges includes GST - Op Inc - Preventive - Inspection/Admin	500.00	0.00 0%		
0074425 - Service on Demand Fees - Op Inc - Health Service Inspection	500.00	0.00 0%		
0074490 - Trading Licences - All Except Beach - Op Inc - Prevent - Inspection/Admin	27,965.00	19,811.67 71%		
Sub Total To Programme Summary	\$187,168.00	\$120,743.44	\$0.00	\$0.00
Total Health Service - Inspection	\$187,168.00	\$120,743.44	\$645,453.03	\$208,445.34
Health Service - Pest Control				
Operating Expenditure				
0075020 - Mosquito Control & Pest Control - Op Exp - Preventive Service-Pest Control			14,084.00	151.50 1%
0075030 - Eradication Flies/Rodents - Op Exp - Preventive Service-Pest Control			2,000.00	0.00 0%
0075530 - Admin Costs Alloc - Op Exp - Preventive Service-Pest Control			396.00	111.75 28%
0075800 - Vehicle & Plant Exps - Op Exp - Preventive Service-Pest Control			0.00	402.41 100%

SHIRE OF BROOME
Schedule 07
HEALTH

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Sub Total To Programme Summary	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$16,480.00</u>	<u>\$665.66</u>
Operating Income				
0075391 - Grants and Contributions Rec'd Op Inc - Prev Svcs - Pest Control	0.00	5,588.59 100%		
Sub Total To Programme Summary	<u>\$0.00</u>	<u>\$5,588.59</u>	<u>\$0.00</u>	<u>\$0.00</u>
Capital Income				
0717599 - Transfer From Restricted Cash Reserve - Cap Inc - Health Service - Pest Control				
Sub Total To Programme Summary	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
Total Health Service - Pest Control	<u>\$0.00</u>	<u>\$5,588.59</u>	<u>\$16,480.00</u>	<u>\$665.66</u>
Health Service - Other				
Operating Expenditure				
0076020 - Analytical Expenses - Op Exp - Preventive Services Other			22,000.00	8,518.47 39%
0076530 - Admin Costs Alloc - Op Exp - Preventive Services Other			396.00	111.75 28%
Sub Total To Programme Summary	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$22,396.00</u>	<u>\$8,630.22</u>
Total Health Service - Other	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$22,396.00</u>	<u>\$8,630.22</u>
TOTAL HEALTH	<u>\$187,168.00</u>	<u>\$126,332.03</u>	<u>\$684,329.03</u>	<u>\$217,741.22</u>

SHIRE OF BROOME
Schedule 08
EDUCATION AND WELFARE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Community Services			505,242.04	129,100.35
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$505,242.04	\$129,100.35
Operating Income				
Community Services	17,000.00	10,454.55		
TOTAL OPERATING INCOME	\$17,000.00	\$10,454.55	\$0.00	\$0.00
TOTAL EDUCATION AND WELFARE	\$17,000.00	\$10,454.55	\$505,242.04	\$129,100.35

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 08
EDUCATION AND WELFARE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Community Services					
Operating Expenditure					
0082600 - Salary - Op Exp - Community Services			312,638.04	72,900.68	23%
0082602 - Other Employment Costs - Community Services			10,506.00	3,217.07	31%
0082603 - Legal Exp - Op Exp - Community Services			10,000.00	0.00	0%
0082604 - Vehicle & Plant Exps - Op Exp - Community Services			0.00	2,790.91	100%
0082611 - Consultants - Op Exp - Community Services					
0082613 - Advertising Promotion & Printing - Op Exp - Community Services			5,000.00	1,505.71	30%
0082616 - Superannuation Employee Expense - Community Services			53,170.00	12,474.79	23%
0082617 - Community Development Strategy - Op Exp - Community Services			10,000.00	4,476.60	45%
0082621 - Sundry Exp - Op Exp - Community Services			800.00	46.70	6%
0082630 - Admin Costs Alloc - Comm Serv			69,612.00	19,555.54	28%
0821298 - IT/Records Costs Alloc - Comm Serv			33,516.00	12,132.35	36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$505,242.04	\$129,100.35	
Operating Income					
0082670 - Grant Income - Comm Services					
0082675 - Grants For Community Programs - Op Inc - Community Services	17,000.00	10,454.55	61%		
Sub Total To Programme Summary	\$17,000.00	\$10,454.55	\$0.00	\$0.00	
Total Community Services	\$17,000.00	\$10,454.55	\$505,242.04	\$129,100.35	
TOTAL EDUCATION AND WELFARE	\$17,000.00	\$10,454.55	\$505,242.04	\$129,100.35	

SHIRE OF BROOME

Schedule 09

HOUSING

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Staff Housing			719,454.00	192,838.93
Other Housing			143,196.00	40,228.54
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$862,650.00	\$233,067.47
Operating Income				
Staff Housing	751,345.00	220,117.04		
TOTAL OPERATING INCOME	\$751,345.00	\$220,117.04	\$0.00	\$0.00
Capital Expenditure				
Staff Housing				
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL HOUSING	\$751,345.00	\$220,117.04	\$862,650.00	\$233,067.47

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 09
HOUSING

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Staff Housing				
Operating Expenditure				
0092299 - Fixed Asset Dep'n - Op Exp - Staff Housing			22,246.00	7,435.62 33%
0095200 - Staff Housing Rental Costs (External Arrangement)			612,000.00	159,764.52 26%
0095300 - Int & Fee Repaym't Loan 196 - Op Exp - Staff Housing - McMahon Estate			0.00	358.63 100%
0096100 - Staff Housing - Planned Maint & Minor Works - Op Exp			16,100.00	901.90 6%
0096101 - Staff Housing - Reactive Maint - Op Exp			19,500.00	6,174.18 32%
0096102 - Staff Housing - Operating Expense - Op Exp			49,608.00	18,204.08 37%
Sub Total To Programme Summary	\$0.00	\$0.00	\$719,454.00	\$192,838.93
Operating Income				
0095400 - Rented Staff Housing Annual Operating Income - Staff housing	612,000.00	185,321.34 30%		
0095442 - 69 Robinson St Rent & Recoup Income - Op Inc	23,700.00	8,100.00 34%		
0096200 - 1/17 Honeyeater Loop - Rent & Recoup Income - Op Inc	20,625.00	0.00 0%		
0096201 - 8/83 Walcott Street - Rent & Recoup Income - Op Inc	17,310.00	0.00 0%		
0096202 - 8/6 Ibis Way - Rent & Recoup Income - Op Inc	12,630.00	475.71 4%		
0096203 - 11/6 Ibis Way - Rent & Recoup Income - Op Inc	10,030.00	7,920.00 79%		
0096204 - 2/50 Tanami Drive - Rent & Recoup Income - Op Inc	19,650.00	5,850.00 30%		
0096205 - 4/50 Tanami Drive - Rent & Recoup Income - Op Inc	19,650.00	7,371.42 38%		
0145561 - Lot 1002 Shelduck Way - Rent & Recoup Income - Op Inc	15,750.00	5,078.57 32%		
Sub Total To Programme Summary	\$751,345.00	\$220,117.04	\$0.00	\$0.00
Capital Expenditure				
0095901 - Transfer to Building Reserve - Cap Exp - Housing				
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00
Total Staff Housing	\$751,345.00	\$220,117.04	\$719,454.00	\$192,838.93
Other Housing				
Operating Expenditure				
0947294 - Admin Costs Allocated Op Exp - Other Housing			143,196.00	40,228.54 28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$143,196.00	\$40,228.54
Total Other Housing	\$0.00	\$0.00	\$143,196.00	\$40,228.54

SHIRE OF BROOME

Schedule 09

HOUSING

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
TOTAL HOUSING	\$751,345.00	\$220,117.04	\$862,650.00	\$233,067.47

SHIRE OF BROOME
Schedule 10
COMMUNITY AMENITIES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Regional Resource Recovery Park			1,055,121.59	18,368.37
Sanitation - General Refuse			5,373,683.93	1,223,657.07
Sanitation - Other			1,089,751.31	391,335.14
Sewerage			2,396.00	111.75
Storm Water Drainage			865,947.77	258,554.01
Town Planning/Regional Development			900,445.34	198,990.31
Development Services Support			759,508.56	265,255.38
Protection of Environment			87,206.35	9,657.65
Other Community Amenities			511,848.98	119,664.26
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$10,645,909.83	\$2,485,593.94
Operating Income				
Regional Resource Recovery Park	346,466.00	3,220.13		
Sanitation - General Refuse	6,627,419.00	4,019,119.74		
Sanitation - Other	600.00	4,045.98		
Sewerage	1,416.00			
Storm Water Drainage	39,152.00	382.97		
Town Planning/Regional Development	94,000.00	14,908.10		
Development Services Support	12,342.00			
Protection of Environment				
Other Community Amenities	16,402.00	6,257.79		
TOTAL OPERATING INCOME	\$7,137,797.00	\$4,047,934.71	\$0.00	\$0.00
Capital Expenditure				
Regional Resource Recovery Park			346,466.00	3,220.13
Sanitation - General Refuse			668,717.00	320,796.29
Sanitation - Other			15,170.00	
Storm Water Drainage			1,152,761.27	509,431.67
Development Services Support			60,000.00	
Other Community Amenities			31,930.00	5,539.88
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$2,275,044.27	\$838,987.97
Capital Income				
Regional Resource Recovery Park	1,019,573.00			

SHIRE OF BROOME
Schedule 10
COMMUNITY AMENITIES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Sanitation - General Refuse	133,063.00	71,500.00		
Sanitation - Other	15,170.00			
Storm Water Drainage	660,815.00			
Development Services Support	43,000.00			
Other Community Amenities	158,922.00	66,461.00		
TOTAL CAPITAL INCOME	\$2,030,543.00	\$137,961.00	\$0.00	\$0.00
TOTAL COMMUNITY AMENITIES	\$9,168,340.00	\$4,185,895.71	\$12,920,954.10	\$3,324,581.91

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 10
COMMUNITY AMENITIES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Regional Resource Recovery Park					
Operating Expenditure					
0075730 - Admin Costs Alloc - Op Exp - RRRP			12,732.00	3,575.87	28%
0108001 - New Refuse Site Exp - Op Exp - Regional Resource Recovery Park			1,042,389.59	14,792.50	1%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,055,121.59	\$18,368.37	
Operating Income					
0101426 - Interest - Reg Res Rec Pk Reserve - Op Inc - Reg Res Recov Pk	346,466.00	3,220.13	1%		
Sub Total To Programme Summary	\$346,466.00	\$3,220.13	\$0.00	\$0.00	
Capital Expenditure					
0101895 - Transfer to Regional Resource Recovery Park Reserve - Cap Exp - Reg Res Rec Pk			346,466.00	3,220.13	1%
Sub Total To Programme Summary	\$0.00	\$0.00	\$346,466.00	\$3,220.13	
Capital Income					
0101995 - Transfer from Regional Resource Recovery Reserve - Cap Inc - Reg Res Recov	1,019,573.00	0.00	0%		
Sub Total To Programme Summary	\$1,019,573.00	\$0.00	\$0.00	\$0.00	
Total Regional Resource Recovery Park	\$1,366,039.00	\$3,220.13	\$1,401,587.59	\$21,588.50	
Sanitation - General Refuse					
Operating Expenditure					
0101010 - Salary & Wages Default - Op Exp - Sanitation General Refuse			97,000.00	20,788.33	21%
0101012 - Relief Staff - Op Exp - Sanitation Gen. Refuse			0.00	822.24	100%
0101020 - Kerbside Refuse Collection - Op Exp - Sanitation Gen Refuse			442,147.00	103,962.54	24%
0101022 - Kerbside Recycling Collection -Op Exp - San Gen Refuse			902,210.00	250,019.75	28%
0101023 - Commercial Recycling - Op Exp - Sanitation Gen Refuse					
0101024 - Less On Cost Allocated - Op Exp - Sanitation General Refuse			0.00	-142,842.36	100%
0101027 - Recycling and Education - Op Exp - San Gen Refuse			14,000.00	7,691.36	55%
0101028 - Reuse and Recycle - Op Exp - Sanitation Gen Refuse			485,448.00	210,016.24	43%
0101029 - Salary - Waste Co-ordinator - Op Exp -Sanitation Gen Refuse			114,812.00	35,589.62	31%
0101030 - 23245900			1,322,226.93	487,155.20	37%
0101031 - Liquid Waste - Op Exp - Sanitation Gen Refuse			50,000.00	1,065.87	2%
0101032 - Other Employment Costs - Op Exp - Sanitation General Refuse			21,394.00	4,886.08	23%

SHIRE OF BROOME
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COMMUNITY AMENITIES

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0101033 - Superannuation Employee Expense - Op Exp - Sanitation General			101,114.00	31,238.40	31%
0101036 - Mobile Phone & Sundries - Op Exp - Sanitation Gen Refuse			1,050.00	148.18	14%
0101038 - Training & Staff Meeting Expenses - Op Exp - Sanitation Gen Refuse			12,000.00	6,215.66	52%
0101040 - Consultants - Op Exp - Sanitation Gen Refuse			30,000.00	0.00	0%
0101080 - Refuse Site Building Maint & Operating - Op Exp - Sanitation Gen Refuse			55,997.00	12,063.19	22%
0101285 - Minor Assets Equipment & Consumables - Op Exps - Sanitation Gen Refuse			5,000.00	3,415.61	68%
0101295 - Dep'cn Expense Infrastructure - Op Exps - Sanitation Gen Refuse			57,485.00	22,020.37	38%
0101296 - Loss on Sale of Assets - Sanitation Gen Refuse			11,973.00	1,996.02	17%
0101299 - Dep'n Exp Furniture & Fittings - Sanitation Gen Refuse			204.00	68.21	33%
0101530 - Admin Costs Alloc - Op Exps - Sanitation Gen Refuse			282,420.00	79,339.62	28%
0101800 - Vehicle & Plant Exps - Op Exps - Sanitation Gen Refuse			0.00	8,106.00	100%
1011298 - IT/Record Costs Allocated - Op Exps - Sanitation Gen Refuse			93,456.00	33,832.97	36%
1026218 - Kerbside Collection Disposal Costs - (Internal Shire Charge) - Op Exp - San Gen Refuse			1,191,778.00	0.00	0%
1026296 - Fixed Asset Dep'n - Op Exp - Sanitation General Refuse			81,969.00	46,057.97	56%
Sub Total To Programme Summary	\$0.00	\$0.00	\$5,373,683.93	\$1,223,657.07	
Operating Income					
0101410 - Kerbside collection - Op Inc - Sanitation Gen Refuse	3,333,537.00	3,247,064.98			97%
0101411 - C'van Pk & Additional Services - Op Inc - Sanitation Gen Refuse	47,351.00	48,503.75			102%
0101420 - WMF Op Income - Op Inc - Sanitation Gen Refuse	1,933,445.00	576,676.26			30%
0101423 - Sundry Income (Inc. GST) - Op Inc - Sanitation Gen Refuse	15,000.00	108,553.52			724%
0101424 - EDL Lease - Op Inc - Sanitation Gen Refuse	36,944.00	37,584.44			102%
0101425 - Interest - Refuse Site Reserve - Op Inc - Sanitation Gen Refuse	68,038.00	736.79			1%
0101480 - Refuse & Recycling Bin Sales - Op Inc - Sanitation Gen Refuse	1,326.00	0.00			0%
0101499 - Profit On Sale Of Assets - Op Inc - Sanitation Gen Refuse					
0102636 - Kerbside Collection Waste Disposal Op Income - Internal Shire charge - Op Inc - Sanitation Gen Refus	1,191,778.00	0.00			0%
Sub Total To Programme Summary	\$6,627,419.00	\$4,019,119.74	\$0.00	\$0.00	
Capital Expenditure					

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COMMUNITY AMENITIES

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0101510 - Vehicle & Mob Plant Renewal(Replacement)-Cap Exp- Sanit Gen Refuse			295,555.00	265,820.00	90%
0101512 - Transfer to Resource Recovery Park Reserve - Cap Exp - San Gen Refuse					
0101513 - Transfer to Plant Reserve - Cap Exp - Refuse Site					
0101515 - Transfer to Refuse Reserve - Cap Exp - Sanitation Gen Refuse			56,065.00	736.79	1%
0101545 - Other Infra Upgrade Const - Cap Exp - Sanitation Gen Refuse			267,097.00	31,222.45	12%
0101550 - Mobile Garbage Bin Replacement - Cap Exp - Sanitation Gen Refuse			50,000.00	23,017.05	46%
Sub Total To Programme Summary	\$0.00	\$0.00	\$668,717.00	\$320,796.29	
Capital Income					
0101500 - Proceeds From Sale of Assets - Cap Inc - Sanitation Gen Refuse	0.00	71,500.00			100%
0101525 - Transfer From Refuse Site Reserve - Sanitation Gen Refuse	133,063.00	0.00			0%
0101642 - Non-Operating Grant - Sanitation - General Refuse					
Sub Total To Programme Summary	\$133,063.00	\$71,500.00	\$0.00	\$0.00	
Total Sanitation - General Refuse	\$6,760,482.00	\$4,090,619.74	\$6,042,400.93	\$1,544,453.36	
Sanitation - Other					
Operating Expenditure					
0102010 - 3577300			1,013,335.31	369,885.53	37%
0102060 - 2419000			16,374.00	475.98	3%
0102530 - Admin Costs Alloc - Op Exp - Sanitation Other			59,268.00	16,650.15	28%
1022501 - Vehicle & Plant Exps - Op Exps - Sanitation Other			0.00	3,966.57	100%
1027206 - Other Employment Costs - Sanitation Other			774.00	356.91	46%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,089,751.31	\$391,335.14	
Operating Income					
0102390 - Litter Control Bin Hire Etc User Charges - Op Inc - Sanitation Other	0.00	1,525.33			100%
0102400 - Litter - fines & Penalties & Reimb (No GST)- Op Inc - Sanitation Other	600.00	2,520.65			420%
Sub Total To Programme Summary	\$600.00	\$4,045.98	\$0.00	\$0.00	
Capital Expenditure					
1042510 - Vehicles & Mobile Plant New - Cap Exp - Sanitation Other			15,170.00	0.00	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$15,170.00	\$0.00	
Capital Income					
1052510 - Transfer From Refuse Site Reserve - Sanitation Other	15,170.00	0.00			0%
Sub Total To Programme Summary	\$15,170.00	\$0.00	\$0.00	\$0.00	

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COMMUNITY AMENITIES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Total Sanitation - Other	\$15,770.00	\$4,045.98	\$1,104,921.31	\$391,335.14
Sewerage				
Operating Expenditure				
0103101 - Sewerage Facility Maintenance			2,000.00	0.00 0%
Exps - Op Exp - Sewerage				
0103530 - Admin Costs Alloc - Op Exp - Sewerage			396.00	111.75 28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$2,396.00	\$111.75
Operating Income				
0103480 - Septic Tank Fees - Op Inc - Sewerage	1,416.00	0.00 0%		
0103481 - Septic Tank Inspection Fees - Op Inc - Sewerage				
Sub Total To Programme Summary	\$1,416.00	\$0.00	\$0.00	\$0.00
Total Sewerage	\$1,416.00	\$0.00	\$2,396.00	\$111.75
Storm Water Drainage				
Operating Expenditure				
0102202 - Drainage Maint. - Outfalls - Op Exp - Urban Stormwater Drainage			142,829.77	16,549.02 12%
0102210 - Drainage Consultant/Strategy - op Exp - Urban Stormwater Drainage			9,500.00	4,768.05 50%
0102295 - Fixed Asset Dep'n - Op Exp - Urban Stormwater Drainage			700,094.00	233,437.58 33%
0104530 - Admin Costs Alloc - Op Exp - Urban Stormwater Drainage			13,524.00	3,799.36 28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$865,947.77	\$258,554.01
Operating Income				
0102983 - Interest Rec Drainage Reserve -Op IncUrban S'water Drainage	39,152.00	382.97 1%		
Sub Total To Programme Summary	\$39,152.00	\$382.97	\$0.00	\$0.00
Capital Expenditure				
0104270 - Drainage New Infra Const - Urban Stormwater Drainage			762,509.27	497,121.46 65%
0104281 - Transfer to Drainage Reserve - Cap Exp - Urban Stormwater Drainage			39,152.00	382.97 1%
0104600 - Drainage Upgrade Infra Const - Urban Stormwater Drainage			328,900.00	11,927.24 4%
0104800 - Drainage Renewal Infra Wks - Urban Stormwater Drainage			22,200.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,152,761.27	\$509,431.67
Capital Income				
0104480 - Transfer From Drainage Reserve - Urban Stormwater Drainage - Cap Inc	660,815.00	0.00 0%		
Sub Total To Programme Summary	\$660,815.00	\$0.00	\$0.00	\$0.00

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Schedule 10
COMMUNITY AMENITIES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Total Storm Water Drainage	\$699,967.00	\$382.97	\$2,018,709.04	\$767,985.68
Town Planning/Regional Development				
Operating Expenditure				
0106010 - Salary - Op Exp - Planning			466,376.34	120,114.07 26%
0106011 - Superannuation Employee Expense - Planning			50,440.00	14,179.18 28%
0106024 - Other Employment Costs - Op Exp - Planning			15,025.00	3,679.78 24%
0106030 - Consultants & Project Employees - Op Exp - Town Planning/Reg Dev			140,000.00	-3,500.91 -3%
0106039 - Planning Appeals - Op Exp - Town Planning/ Regional Devel			10,000.00	2,240.00 22%
0106040 - Advertising - Op Exp - Town Planning/Regional Devel			4,000.00	936.99 23%
0106051 - Engagement Expenses - Op Exp - Town Planning/Regional Dev			3,000.00	204.71 7%
0106279 - Copying & Printing Expenses - Op Exp - Town Planning/Regional Devel			500.00	0.00 0%
0106280 - Sundry Expenses - Op Exp - Town Planning/Regional Devel			500.00	0.00 0%
0106290 - Reimbursement Expense Legal & Other - Town Planning			1,000.00	0.00 0%
0106530 - Admin Cost Alloc - Town Planning & Reg Dev - Op Exp			181,788.00	51,067.89 28%
1030298 - IT/Records Costs Allocated -Town Planning & Reg Development			27,816.00	10,068.60 36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$900,445.34	\$198,990.31
Operating Income				
0106410 - Planning Fees (GST Free) - Op Inc - Town Planning/Regional Devel	50,000.00	14,523.80 29%		
0106420 - Rezoning Fees (Incl GST) - Op Inc - Town Planning/Regional Devel				
0106421 - Rezoning Fees (Excl GST) - Op Inc - Town Planning	5,000.00	0.00 0%		
0106430 - Subdivision/ Strata Title Fees - Op Inc - Town Planning/Regional Devel	1,000.00	219.00 22%		
0106480 - Other Minor Charges No GST - Op Inc - Town Planning/Regional Devel	0.00	165.30 100%		
0106481 - Other Minor Charges Includes GST - Op Inc - Town Planning/Regional Devel				
0106482 - Grant income - Op Inc - Town Planning/Regional Devel	38,000.00	0.00 0%		
Sub Total To Programme Summary	\$94,000.00	\$14,908.10	\$0.00	\$0.00
Total Town Planning/Regional Development	\$94,000.00	\$14,908.10	\$900,445.34	\$198,990.31
Development Services Support				
Operating Expenditure				
0106038 - Legal Expenses - Development Services			50,000.00	2,550.60 5%

SHIRE OF BROOME
Schedule 10
COMMUNITY AMENITIES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0106100 - Salary - Op Exp - Development Services			401,256.56	167,103.34	42%
0106102 - Other Employment Costs - Development Services			26,000.00	3,234.33	12%
0106104 - Vehicle & Plant Exps - Development Services			0.00	3,417.19	100%
0106106 - Consultants & Project Employees - Op Exp - Development Services			25,000.00	6,020.00	24%
0106107 - Superannuation Employee Expense - Development Services			43,290.00	15,166.21	35%
0106125 - Sundry Expenses - Development Services			1,910.00	964.69	51%
0106630 - Admin Costs Alloc - Dev Serv			122,916.00	34,529.49	28%
1031298 - IT/Records Costs Alloc - Development Services			89,136.00	32,269.53	36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$759,508.56	\$265,255.38	
Operating Income					
0106159 - Profit on Asset Sale - Dev Serv	7,342.00	0.00	0%		
0106390 - Reimbursements Received - Development Services	5,000.00	0.00	0%		
Sub Total To Programme Summary	\$12,342.00	\$0.00	\$0.00	\$0.00	
Capital Expenditure					
0106185 - Vehicle & Mobile Plant New - Cap Exp - Dev Services			60,000.00	0.00	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$60,000.00	\$0.00	
Capital Income					
0106194 - Proceeds From Sale Of Assets - Development Services	33,000.00	0.00	0%		
0106940 - Transfer from Plant Reserve - Development Services	10,000.00	0.00	0%		
Sub Total To Programme Summary	\$43,000.00	\$0.00	\$0.00	\$0.00	
Total Development Services Support	\$55,342.00	\$0.00	\$819,508.56	\$265,255.38	
Protection of Environment					
Operating Expenditure					
0105054 - Coastal Management Maint & Operating - Op Exp - Protection of Environment			38,668.32	1,033.87	3%
0105297 - Fixed Asset Dep'n - Op Exp - Protection of Environment			12,051.00	4,028.06	33%
0105530 - Admin Costs Alloc - Op Exp - Protection of Environment			13,128.00	3,687.62	28%
0105546 - Consultants - Environmental - Op Exp - Prot of Envirn			16,000.00	0.00	0%
0113300 - Gantheaume Point Reserve - Op Exp - Protection of Environment			7,359.03	908.10	12%
Sub Total To Programme Summary	\$0.00	\$0.00	\$87,206.35	\$9,657.65	
Operating Income					
0105541 - Coastal Grants & Reimb Rec'd					

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Schedule 10
COMMUNITY AMENITIES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00
Total Protection Of Environment	\$0.00	\$0.00	\$87,206.35	\$9,657.65
Other Community Amenities				
Operating Expenditure				
0107010 - Public Toilets - Building Maintenance Exps			21,720.00	4,498.10 21%
0107028 - Cemetery Operating Expenses - Other Comm Amen			36,153.00	14,781.14 41%
0107029 - Japanese Cemetery Maint Exp - Other Community Amenities			39,856.19	6,580.16 17%
0107030 - Cemeteries - Maintenance- Op Exp - Other Community Amenities			71,773.79	10,806.65 15%
0107034 - Broome Cemetery Survey & Other - Op Exp - Other Comm Amen			72,000.00	3,355.00 5%
0107035 - General CCTV & Wireless Network Maint - Op Exp - Other Comm Amen			9,000.00	0.00 0%
0107071 - Public Toilets Security Utilities Insurance & Other Op Exps			163,763.00	48,977.64 30%
0107100 - Cleaning Materials Util & Sundries - Op Exp - Other Community Amenities			370.00	146.35 40%
0107530 - Admin Costs Alloc - Op Exp - Other Community Amenities			36,996.00	10,392.37 28%
1033296 - Fixed Asset Depn - Op Exp - Other Community Amenities			60,217.00	20,126.85 33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$511,848.98	\$119,664.26
Operating Income				
0107370 - Cemetery Fees Inc GST - Op Inc - Other Community Amenities	11,591.00	3,770.91 33%		
0107375 - Cemetery related Licenses - GST Free - Op Inc - Other Community Amenities	4,595.00	2,449.00 53%		
1033399 - Interest Rec - Public Art Reserve - Op Inc - Other Comm Amen	216.00	37.88 18%		
Sub Total To Programme Summary	\$16,402.00	\$6,257.79	\$0.00	\$0.00
Capital Expenditure				
0107540 - Cemeteries Other Infrastructure Upgrade - Cap Exp - Other Com Amenit			27,514.00	2,070.00 8%
0107550 - Cemeteries Other Infrastructure New - - Cap Exp - Other Community Amenities			0.00	3,432.00 100%
0107552 - Cemeteries Other Infrastructure Renewal - - Cap Exp - Other Community Amenities			4,200.00	0.00 0%
0107680 - Toilet Block Upgrade - Cap Exp - Other Community Amenities				
0107989 - Transfer to POS Reserve - Cap Exp - Other Community Amenities			216.00	37.88 18%
1033499 - Transfer to Public Art Reserve - Cap Exp - Other Community Amenities				
Sub Total To Programme Summary	\$0.00	\$0.00	\$31,930.00	\$5,539.88

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COMMUNITY AMENITIES

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Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Capital Income				
0107391 - Non Operating Grants Rec'd - Cap Inc - Other Community Amenities	158,922.00	66,461.00 42%		
Sub Total To Programme Summary	\$158,922.00	\$66,461.00	\$0.00	\$0.00
Total Other Community Amenities	\$175,324.00	\$72,718.79	\$543,778.98	\$125,204.14
TOTAL COMMUNITY AMENITIES	\$9,168,340.00	\$4,185,895.71	\$12,920,954.10	\$3,324,581.91

SHIRE OF BROOME
Schedule 11
RECREATION AND CULTURE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Public Halls & Civic Centres			153,368.68	46,161.69
Libraries			1,118,842.66	356,547.87
Broome Civic Centre (Was Arts Centre)			892,190.35	250,442.11
Other Culture			384,302.40	50,422.77
Recreation Services			346,817.84	97,456.66
Swimming Areas & Beaches			255,207.00	141,744.99
Other Recreation & Sport			2,244,996.47	507,067.15
Parks & Ovals			3,962,707.85	1,039,824.29
BRAC - General			1,756,910.98	588,725.77
BRAC - Aquatic			527,563.35	152,185.29
BRAC - Dry			1,459,073.17	476,083.27
BRAC - Ovals			549,928.70	213,811.00
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$13,651,909.45	\$3,920,472.86
Operating Income				
Public Halls & Civic Centres		-500.00		
Libraries	18,908.00	16,160.21		
Broome Civic Centre (Was Arts Centre)	364,136.00	49,025.87		
Other Culture	38,235.00	330.00		
Recreation Services	30,000.00			
Other Recreation & Sport	159,264.00	28,475.96		
Parks & Ovals	86,598.00	24,490.20		
BRAC - General	162,154.00	56,789.79		
BRAC - Aquatic	451,312.00	135,880.95		
BRAC - Dry	161,523.00	52,857.00		
BRAC - Ovals	57,545.00	18,605.86		
TOTAL OPERATING INCOME	\$1,529,675.00	\$382,115.84	\$0.00	\$0.00
Capital Expenditure				
Public Halls & Civic Centres			4,000.00	
Libraries			10,000.00	
Broome Civic Centre (Was Arts Centre)			468,784.00	
Other Culture			146,205.00	32,074.00

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Schedule 11
RECREATION AND CULTURE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Swimming Areas & Beaches			29,200.00	1,962.00
Other Recreation & Sport			18,704,609.00	2,725,796.06
Parks & Ovals			1,101,685.23	281,142.83
BRAC - General			2,323.00	22.27
BRAC - Aquatic			31,600.00	35,750.00
BRAC - Dry			2,740,245.00	26,301.16
BRAC - Ovals			158,292.00	12,355.83
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$23,396,943.23	\$3,115,404.15
Capital Income				
Libraries				
Broome Civic Centre (Was Arts Centre)				
Other Culture		9,000.00		
Swimming Areas & Beaches	9,000.00			
Other Recreation & Sport	16,778,691.00	1,000,690.54		
Parks & Ovals	25,000.00			
BRAC - General		517.65		
BRAC - Aquatic	44,417.00			
BRAC - Dry	2,599,306.00	524,350.00		
TOTAL CAPITAL INCOME	\$19,456,414.00	\$1,534,558.19	\$0.00	\$0.00
TOTAL RECREATION AND CULTURE	\$20,986,089.00	\$1,916,674.03	\$37,048,852.68	\$7,035,877.01

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 11
RECREATION AND CULTURE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Public Halls & Civic Centres					
Operating Expenditure					
0111021 - Lotteries House Maint & Operating Exp - Public Halls			55,485.68	13,614.23	25%
0111530 - Admin Costs Alloc - Op Exp - Public Halls Civic Centres			3,180.00	893.97	28%
1135296 - Fixed Asset Dep'n - Op Exp - Public Halls			94,703.00	31,653.49	33%
Sub Total To Programme Summary	0.00	0.00	153,368.68	46,161.69	
Operating Income					
0111410 - Charges Venue Hire - Op Inc - Public Halls Civic Centres	0.00	-500.00			100%
0111411 - Lotteries House - Rent & Recoup Income - Op Inc					
Sub Total To Programme Summary	0.00	-500.00	0.00	0.00	
Capital Expenditure					
0113755 - Civic Centre Building Renewal (Inc Plant & Furn) - Cap Exp - Public Halls			4,000.00	0.00	0%
Sub Total To Programme Summary	0.00	0.00	4,000.00	0.00	
Total Public Halls & Civic Centres	0.00	-500.00	157,368.68	46,161.69	

Libraries

Operating Expenditure

0115010 - Salary - Op Exp - Libraries			547,634.65	162,820.86	30%
0115011 - Superannuation Employee Expense - Libraries			51,480.00	18,561.90	36%
0115024 - Other Employment Costs - Op Exp - Library			3,253.00	0.00	0%
0115070 - IT Costs Alloc Lib - Op Exp - Libraries			175,164.00	63,413.36	36%
0115260 - Consultancy - Op Exp - Libraries					
0115270 - Local History Resources - Op Exp - Library			1,200.00	533.05	44%
0115279 - Minor Assets Expensed - Op Exp Library			8,000.00	4,512.32	56%
0115280 - Grant Program Expenses - Op Exp - Library (Income in 115480)			12,966.00	6,307.28	49%
0115281 - Library Building - Op Exp - Libraries			97,912.00	34,987.57	36%
0115282 - Library Office - Op Exp - Libraries			3,050.00	2,309.54	76%
0115284 - Subscriptions - Op Exp - Libraries			11,903.00	3,450.37	29%
0115285 - Freight - Op Exp - Libraries			1,950.00	23.23	1%
0115286 - SLWA Travel & Accommodation Op Exp - Library			9,642.01	0.00	0%
0115287 - Loan Reservation Service - Op Exp - Libraries			1,800.00	843.78	47%
0115289 - Programmes & Materials - Op Exp - Libraries			8,000.00	4,980.22	62%
0115290 - Lost/Damaged Items Exp - Library			1,750.00	1,454.55	83%

SHIRE OF BROOME
Schedule 11
RECREATION AND CULTURE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0115292 - Books & Binding - Op Exp			9,820.00	2,852.43	29%
0115293 - Office Equipment - Op Exp - Libraries			2,000.00	180.90	9%
0115294 - Advertising & Promotions Exp - Op Exp - Libraries			2,500.00	610.00	24%
0115295 - Sundry Exp - Op Exp - Libraries			1,550.00	20.00	1%
0115299 - Dep'n - Furniture & Fittings - Op Exp - Libraries			2,878.00	961.83	33%
0115530 - Admin Costs Alloc - Op Exp - Libraries			93,084.00	26,148.55	28%
1136206 - Other Employment Costs - Op Exp - Libraries			18,060.00	3,779.38	21%
1136296 - Fixed Asset Dep'n - Op Exp - Libraries			53,246.00	17,796.75	33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,118,842.66	\$356,547.87	
Operating Income					
0115380 - Grant Op - State SLWA Library Grant	9,642.00	806.00	8%		
0115410 - Lost/Damaged Items - Op Inc - Libraries	1,500.00	808.84	54%		
0115420 - Sundry Income & Special Op Grants - Op Inc - Libraries	300.00	754.44	251%		
0115431 - Income Library (photocopier mobile and fax services) - Op Inc - Libraries	0.00	6,165.93	100%		
0115480 - Grant Program Income - Op Inc - Library (Expense in 115280)	7,466.00	7,625.00	102%		
Sub Total To Programme Summary	\$18,908.00	\$16,160.21	\$0.00	\$0.00	
Capital Expenditure					
0115461 - Library Building Renewal (Inc Plant & Furn) - Cap Exp - Libraries			10,000.00	0.00	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$10,000.00	\$0.00	
Capital Income					
0115311 - Transfer from Restricted Cash Reserve - Libraries - Cap Inc					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Libraries	\$18,908.00	\$16,160.21	\$1,128,842.66	\$356,547.87	
Broome Civic Centre (Was Arts Centre)					
Operating Expenditure					
0116106 - Interest Expense Broome Civic Centre Loan 193 - Op Exp- Bme Civic Centre			62,841.00	4,731.30	8%
0116107 - Fixed Asset Dep'n - Op Exp - Bme Civic Centre			184,295.00	61,598.49	33%
0116121 - IT/Records Costs Allocated - Civic Centre			0.00	23,326.61	100%
0116470 - Broome Civic Centre Build Maint & Services Op Exp - Bme Civic Centre			109,228.00	8,737.70	8%
0116486 - Salary - Op Exp - Broome Civic Centre - Op Exp			141,413.35	19,036.09	13%

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0116489 - Operational Expenses - Broome Civic Centre - Production/Events			34,000.00	14,606.44	43%
0116491 - Minor Assets - Op Exp - Bme Civic Centre			8,000.00	1,091.61	14%
0116492 - Sundry Consultant Expenses - Broome Civic Centre - Op Exp			8,000.00	95.00	1%
0116493 - Advertising Promotion & Printing Expenses - Broome Civic Centre - Op Exp			25,000.00	3,460.91	14%
0116494 - Broome Civic Centre - Operating Expense - Op Exp			130,622.00	57,920.21	44%
0116495 - Performance Production Expenses - Broome Civic - Op Exp			54,000.00	20,193.98	37%
0116497 - Superannuation Employee Expense - Broome Civic Centre			18,434.00	4,010.90	22%
0116730 - Admin Costs Alloc - Op Exp - Bme Civic Centre			111,384.00	31,288.87	28%
1137206 - Other Employment Costs - Op Exp - Broome Civic Centre			4,973.00	344.00	7%
Sub Total To Programme Summary	\$0.00	\$0.00	\$892,190.35	\$250,442.11	
Operating Income					
0116483 - Broome Civic Centre Operational Grants & Contributions - Op Inc - Bme Civic Centre	104,000.00	0.00	0%		
0116540 - Broome Civic Centre Reimbursements Received - Op Inc - Bme Civic Centre	43,000.00	14,328.61	33%		
0116541 - Broome Civic Centre Venue Income - Op Income - Bme Civic Centre	217,136.00	34,697.26	16%		
Sub Total To Programme Summary	\$364,136.00	\$49,025.87	\$0.00	\$0.00	
Capital Expenditure					
0116116 - Princ Repay Broome Civic Centre Loan 193 - Cap Exp - Bme Civic Centre			468,784.00	0.00	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$468,784.00	\$0.00	
Capital Income					
0116473 - Transfer From Restricted Cash Reserve - Broome Civic Centre Grants - Cap Inc					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Broome Civic Centre (Was Arts Centre)	\$364,136.00	\$49,025.87	\$1,360,974.35	\$250,442.11	
Other Culture					
Operating Expenditure					
0116084 - Community Signage - Op Exp - Other Culture					
0116085 - Heritage Projects - Op Exp - Other Culture			60,000.00	0.00	0%
0116090 - Historical Society (Museum) Building Maint & Op Exp - Other Culture			31,247.07	7,385.67	24%
0116101 - Festival Events and Culture Promotion Program General - Op Exp - Other Culture			24,000.00	0.00	0%

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0116175 - Community Storage Shed Expenditure			2,357.00	1,726.10	73%
0116184 - Festivals & Events Contributions/Support Op Exp - Other Culture			98,850.86	21,150.76	21%
0116282 - Triple J Maintenance & Operating Exp - Other Culture			2,200.00	0.00	0%
0116283 - Public Statue & Artwork Maintenance & Operating Exp - Other Culture			18,113.47	0.00	0%
0116297 - Dep'cn - Land & Building - Op Exp - Other Culture			13,744.00	4,593.89	33%
0116530 - Admin Costs Alloc - Op Exp - Other Culture			5,172.00	1,452.69	28%
1138296 - Fixed Asset Dep'n - Op Exp - Other Culture			128,618.00	14,113.66	11%
Sub Total To Programme Summary	\$0.00	\$0.00	\$384,302.40	\$50,422.77	
Operating Income					
0116070 - Community Storage Facility Income - Op Inc	10,235.00	0.00	0%		
0116071 - Festival & Events Sundry Inc - Op Inc - Other Culture	1,000.00	330.00	33%		
0116098 - Reimb & Other Income - Op Inc - Other Culture					
1138332 - Grant Income & Contributions - Op Inc - Other Culture	27,000.00	0.00	0%		
Sub Total To Programme Summary	\$38,235.00	\$330.00	\$0.00	\$0.00	
Capital Expenditure					
0116125 - Other Infrastructure New Const - Cap Exp - Other Cult			74,089.00	32,074.00	43%
0116201 - Museum Building Renewal- Cap Exp - Other Cult			4,000.00	0.00	0%
1107208 - Streeters Jetty Renewal - Other Culture - Cap Exp			68,116.00	0.00	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$146,205.00	\$32,074.00	
Capital Income					
0116151 - Non Operating Grants Other Culture - Non Op Inc	0.00	9,000.00	100%		
1138501 - Transfer From Public Art Reserve - Cap Inc - Other Culture					
Sub Total To Programme Summary	\$0.00	\$9,000.00	\$0.00	\$0.00	
Total Other Culture	\$38,235.00	\$9,330.00	\$530,507.40	\$82,496.77	
Recreation Services					
Operating Expenditure					
0113697 - Superannuation Employee Expense - Recreation Services			10,166.00	3,476.48	34%
0113699 - Salary - Op Exp - Rec Services			231,582.84	73,131.96	32%
0113702 - Club Development Officer Programs Exp - Rec Services			20,930.00	360.44	2%

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
0113704 - Consultants - Op Exp - Rec Services				
0113708 - Grant Funded Operational Expense - Rec Serv			20,000.00	0.00 0%
1139206 - Other Employment Costs - Recreation Services			3,671.00	1,692.79 46%
1139297 - Admin Costs Allocated - Op Exp - Recreation Services			38,184.00	10,727.61 28%
1139298 - IT/Records Costs Allocated - Recreation Services			22,284.00	8,067.38 36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$346,817.84	\$97,456.66
Operating Income				
0113751 - Operating Grants & Contributions Rec'd - Recreation Services - Op Inc	30,000.00	0.00 0%		
Sub Total To Programme Summary	\$30,000.00	\$0.00	\$0.00	\$0.00
Total Recreation Services	\$30,000.00	\$0.00	\$346,817.84	\$97,456.66
Swimming Areas & Beaches				
Operating Expenditure				
0112053 - Rotunda Ganth Pt Maint & Ins - Op Exp - Swimming Areas & Beaches			1,329.00	346.78 26%
0112296 - Loss on Sale of Assets - Swimming Areas & Beaches			8,000.00	0.00 0%
0112530 - Admin Costs Alloc - Op Exp - Swimming Areas & Beaches			3,972.00	1,117.46 28%
1140211 - General Operating Exp - Swim Areas & Beach Life Guard			240,247.00	132,268.15 55%
1140213 - Cable Beach Life Guard Office Maint - Op Exp - Swim Areas & Beach Life Guard			500.00	0.00 0%
1140291 - Vehicle and Plant Exp - Op Exp - Swim Areas & Beach Life Guard			0.00	7,625.07 100%
1140296 - Fixed Asset Dep'n - Op Exp - Swimming Areas & Beaches			1,159.00	387.53 33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$255,207.00	\$141,744.99
Capital Expenditure				
0112056 - Gantheaume Point Infra New Const - Cap Exp - Swimming Areas & Beaches			4,200.00	1,962.00 47%
0112397 - Vehicle & Mobile Plant Renewal (Replacement) -Cap Exp- Swim Area & Beaches			25,000.00	0.00 0%
0113567 - Boating Facilities Prog New Infra - Cap Exp - Swim Areas & Bchs				
Sub Total To Programme Summary	\$0.00	\$0.00	\$29,200.00	\$1,962.00
Capital Income				
0112500 - Proceeds From Sale of Assets Swimm Areas & Bchs	5,000.00	0.00 0%		
0117940 - Transfer from Plant Reserve - Swimming Areas & Beaches	4,000.00	0.00 0%		

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Sub Total To Programme Summary	\$9,000.00	\$0.00	\$0.00	\$0.00
Total Swimming Areas & Beaches	\$9,000.00	\$0.00	\$284,407.00	\$143,706.99
Other Recreation & Sport				
Operating Expenditure				
0113001 - Haynes Oval Pavilion Maint & Operating Exp - Other Rec & Sport			29,904.00	8,906.27 30%
0113005 - Weed Control - Op Exp - Other Rec & Sport			201,041.16	47,039.82 23%
0113026 - Skatepark Maint & Operational Exp - Op Exp - Other Recreation & Sport			13,264.09	62.56 0%
0113060 - Boat Ramps Op & Maint Exp - Op Exp - Other Recreation & Sport			9,568.22	0.00 0%
0113130 - Admin Costs Alloc - Op Exp - Other Recreation & Sport			111,384.00	31,288.87 28%
0113297 - Dep'cn - Land & Buildings - Op Exp - Other Recreation & Sport			756.00	252.71 33%
0113298 - Dep'cn - Plant & Equip - Op Exp - Other Recreation & Sport			60,635.00	20,266.75 33%
0113303 - Pistol Club SS Loan Interest Exp Loan 170 - Other Rec & Sport			22,646.00	0.00 0%
0113308 - Council Loan Interest & Fees Exp Loan 179 - Other Rec & Sport			13,267.00	0.00 0%
0116100 - Library Gazebo (Old Wackett Roof) Expenses - Op Exp			863.00	181.20 21%
1141296 - Fixed Asset Dep'n - Op Exp - Other Recreation & Sport			1,737,774.00	372,975.57 21%
1181201 - Town Beach - Design/Plans/Feasibility - Op Exp - Other Recreation & Sport			43,894.00	26,093.40 59%
Sub Total To Programme Summary	\$0.00	\$0.00	\$2,244,996.47	\$507,067.15
Operating Income				
0113304 - SS Loan Interest Rec'd Loans 170 - Other Rec & Sport	22,646.00	0.00 0%		
0113391 - Haynes Oval & Pavilion Income - Op Inc	110,798.00	5,405.91 5%		
0113411 - Venue Hire Inc - Cable Beach & Amphitheatre - Op Inc - Other Rec & Sport	2,820.00	3,941.35 140%		
0113412 - Cable Beach Club - Rent & Recoup Income - Op Inc	18,000.00	18,175.00 101%		
0113415 - Contributions To Sporting Facility Const Rec'd - Op Inc - Other Rec&Sport				
0113416 - Event Application Fees No GST - Cable Beach & Amphitheatre - Op Inc - Other Rec & Sport	5,000.00	953.70 19%		
Sub Total To Programme Summary	\$159,264.00	\$28,475.96	\$0.00	\$0.00
Capital Expenditure				
0113027 - Skatepark New Infra Const - Cap Exp - Other Recreation & Sport			58,210.00	0.00 0%
0113305 - Sporting Clubs Loans Forwarded			1,250,000.00	0.00 0%
1181401 - Town Beach Redevelopment -Other Infra New - Cap Exp			364,318.00	228,488.19 63%

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
1181402 - Town Beach Redevelopment - Fishing Platform & Amenities -Other Infra New - Cap Exp			319,174.00	60,156.36	19%
1181403 - Town Beach Redevelopment - Catalina Boat Ramp Carpark - Car Parks New - Cap Exp					
1181405 - Town Beach Redevelopment - Greenspace & Waterpark - Cap Exp			4,936,955.00	2,314,707.51	47%
1181408 - Town Beach Development - Jetty and Groyne Project - Other Infra New - Cap Exp			11,268,592.00	25,550.66	0%
1181420 - Youth Bike Recreation New Infra Const - Cap Exp - Other Recreation & Sport			507,360.00	96,893.34	19%
Sub Total To Programme Summary	\$0.00	\$0.00	\$18,704,609.00	\$2,725,796.06	
Capital Income					
0113371 - Royalties For Regions Loc Govt Non Op Grant - Op Inc - Other Recreation & Sport	7,255,693.00	0.00	0%		
0113403 - Grants - Non Op - Cap Inc - Other Rec & Sport	3,216,243.00	1,000,690.54	31%		
0113405 - SS Loans Received (Broome Golf Club) - Other Rec & Sport	1,250,000.00	0.00	0%		
0113406 - Council Loans Received - Other Rec & Sport	2,000,000.00	0.00	0%		
0113409 - Transfer From Restricted Cash Reserve - Other Rec & Sport					
0113489 - Transfer From POS Reserve - Other Rec & S	3,056,755.00	0.00	0%		
Sub Total To Programme Summary	\$16,778,691.00	\$1,000,690.54	\$0.00	\$0.00	
Total Other Recreation & Sport	\$16,937,955.00	\$1,029,166.50	\$20,949,605.47	\$3,232,863.21	
Parks & Ovals					
Operating Expenditure					
0113000 - Parks & Reserves Maint - Op Exp - Parks & Ovals			3,907,703.59	1,022,354.39	26%
0113230 - Admin Costs Alloc - Op Exp - Parks & Ovals			18,696.00	5,252.06	28%
0113283 - Effluent Treatment Works - Op Exp - Parks & Ovals			11,915.48	4,190.94	35%
0113380 - Consultants & Concept Plan Exps - Op Exp - Parks & Ovals			2,500.00	0.00	0%
0113396 - Reticulation Control System Maint Op Exp - Parks & Ovals			11,192.78	3,471.70	31%
0115222 - Haynes Oval Utility Exp - OP Exp - Parks & Ovals			10,700.00	4,555.20	43%
Sub Total To Programme Summary	\$0.00	\$0.00	\$3,962,707.85	\$1,039,824.29	
Operating Income					
0112989 - Interest Rec-REC-POS Reserve - Op Inc - Parks & Ovals	66,228.00	788.08	1%		
0113410 - Male Oval & Concourse - Op Inc - Parks & Ovals	4,293.00	2,337.76	54%		

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Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
0113413 - Town Beach Hire - Op Inc - Parks & Ovals	4,077.00	0.00 0%		
0113414 - Parks Ovals & Oth Rec Areas (not Ovals) Hire - Op Inc - Parks and Ovals	1,000.00	13,659.90 1366%		
0113417 - Event Application Fee (No GST)	5,000.00	387.68 8%		
Male Oval & Concourse - Op Inc - Parks & Ovals				
0113418 - Event application Fee (No GST)	1,500.00	154.00 10%		
Town Beach Hire - Op Inc - Parks & Ovals				
0113421 - Event Application Fee (No GST)	4,500.00	7,162.78 159%		
Parks & Ovals & Oth Rec Areas (not Ovals) - Op Inc - Other Rec & Spor				
Sub Total To Programme Summary	\$86,598.00	\$24,490.20	\$0.00	\$0.00
Capital Expenditure				
0111989 - Transfer to POS Reserve - Cap Exp - Parks & Ovals			605,064.00	788.08 0%
0113550 - Parks - Infrastructure - New Construction - Cap Exp - Parks & Ovals			243,605.23	45,615.71 19%
0113551 - Parks - Infrastructure - Renewal - Cap Exp - Parks & Ovals			119,400.00	26,354.09 22%
0113552 - Parks Infrastructure - Upgrade - Cap Exp - Parks & Ovals			93,116.00	208,384.95 224%
0113553 - Parks - Other Infrastructure - Renewal - Cap Exp - Parks & Ovals				
0113603 - Reticulation Control System New Exp - Cap Exp Parks & Ovals			40,500.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,101,685.23	\$281,142.83
Capital Income				
0113317 - CSRFF & RDAF Grants & Non Operating Other Income for Parks & Oval Const - Op Inc - Parks & Ovals	25,000.00	0.00 0%		
Sub Total To Programme Summary	\$25,000.00	\$0.00	\$0.00	\$0.00
Total Parks & Ovals	\$111,598.00	\$24,490.20	\$5,064,393.08	\$1,320,967.12
BRAC - General				
Operating Expenditure				
0117000 - BRAC General Building Maint & Op Exp - BRAC Gen			491,929.97	196,351.40 40%
0117004 - Salary - Op Exp - Admin Staff - BRAC General			618,187.01	194,068.86 31%
0117005 - Superannuation Employee Expense - BRAC General Admin			83,200.00	25,731.89 31%
0117006 - Salary - Op Exp - Cleaning & Maint Exp - BRAC General			88,142.00	22,360.18 25%
0117013 - First Aid - Op Exp - BRAC - General			2,000.00	1,144.48 57%
0117017 - Consultants - Op Exp - BRAC - General				
0117018 - Conference Travel & Accom - Op Exp - BRAC - General			0.00	55.00 100%
0117022 - Uniforms BRAC			5,000.00	130.91 3%
0117044 - Licence Exps - BRAC			6,000.00	1,118.18 19%

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
0117049 - Rubbish & Recycling - Op Exp - BRAC - Genera			12,000.00	14,956.67 125%
0117058 - Sundry Equipment - Op Exp - BRAC - Genera			3,000.00	733.92 24%
0117080 - Marketing - BRAC			10,000.00	2,448.34 24%
0117235 - Cost of Goods Sold Goods Kiosk - Op Exp - BRAC - General MUN			60,000.00	17,133.79 29%
0117268 - Cost of Goods Equip - Op Exp - BRAC - Genera			6,000.00	3,142.82 52%
0117336 - Cost Of Goods Sold Direct (Consumables) Op Exp - BRAC General			30,000.00	12,408.00 41%
0117530 - Admin Costs Alloc - Op Exp - BRAC - General			326,184.00	91,631.67 28%
0117555 - Plant and Equipment Maintenance - Op Exp - BRAC General			1,500.00	97.10 6%
1143206 - Other Employment Costs - BRAC General			13,768.00	5,212.56 38%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,756,910.98	\$588,725.77
Operating Income				
0117200 - Hire of BRAC Staff Inc Recd - Op Inc - BRAC General	3,831.00	937.92 24%		
0117230 - Bar Sales - Op Inc - BRAC - General	0.00	2.73 100%		
0117233 - Kiosk Sales - No GST	15,000.00	4,431.40 30%		
0117234 - Kiosk Sales - Op Inc - BRAC - General	81,000.00	23,597.18 29%		
0117236 - Consumables Sales	48,000.00	21,904.27 46%		
0117269 - Sales Income Equipment - Op Inc - BRAC General	12,000.00	5,376.37 45%		
0117499 - Profit on Sale of Assets - Op Inc - BRAC - General	0.00	517.65 100%		
0117982 - Interest Rec'd; All BRAC Reserves - BRAC General	2,323.00	22.27 1%		
Sub Total To Programme Summary	\$162,154.00	\$56,789.79	\$0.00	\$0.00
Capital Expenditure				
0117398 - Vehicle & Mobile Plant Renewal (Replacement) -Cap Exp- BRAC General				
0117983 - Transfer to BRAC Reserve - Cap Exp - BRAC - General			2,323.00	22.27 1%
Sub Total To Programme Summary	\$0.00	\$0.00	\$2,323.00	\$22.27
Capital Income				
0117500 - Proceeds From The Sale Of Assets - BRAC General	0.00	517.65 100%		
Sub Total To Programme Summary	\$0.00	\$517.65	\$0.00	\$0.00
Total Brac - General	\$162,154.00	\$57,307.44	\$1,759,233.98	\$588,748.04
BRAC - Aquatic				
Operating Expenditure				
0112014 - Aquatic Utilities Exp - BRAC			105,300.00	40,939.84 39%

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0117001 - Superannuation Employee Expense - BRAC Aquatic			23,556.00	7,158.94	30%
0117002 - Salary -Op Exp - Lifeguard - BRAC Aquatic			267,243.35	67,303.90	25%
0117003 - Relieving Staff Exp - Op Ex - BRAC Aquatic			0.00	2,398.78	100%
0117009 - Plant & Equip Maint - Aquatic			10,000.00	1,727.24	17%
0117010 - Aquatic Building & Pool Maint Exp			29,842.00	2,492.70	8%
0117015 - Chemicals - Aquatic			41,500.00	18,948.90	46%
0117016 - Reimbursements/Refunds - Aquatic			1,000.00	484.55	48%
0117148 - Group Fitness Program - Op Exp - BRAC - Aquatic			8,000.00	991.41	12%
0117150 - Swimming Lessons Program- Op Exp - BRAC Aquatic			4,000.00	1,180.15	30%
0117184 - BRAC Equipment - Wet Programs - Op Exp - BRAC Aquatic			2,000.00	283.27	14%
0117186 - Inflatable Operating Exp - BRAC Aquatic			1,000.00	60.00	6%
0117430 - Admin Costs Alloc - Op Exp - BRAC - Aquatic			16,308.00	4,581.59	28%
1144206 - Other Employment Costs - BRAC Aquatic			12,443.00	1,838.97	15%
1144296 - Fixed Asset Dep'n - Op Exp - BRAC Aquatic			5,371.00	1,795.05	33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$527,563.35	\$152,185.29	
Operating Income					
0117262 - Education Inc - Aquatic	3,341.00	32.73			1%
0117280 - Group Fitness by BRAC Inc - Aquatic	39,372.00	10,023.64			25%
0117282 - Swimming Lessons by BRAC Inc	135,495.00	60,894.55			45%
0117285 - School Program Income - Op Inc - BRAC Aquatic	4,095.00	0.00			0%
0117286 - Inflatable Hire Fees - Op Inc - BRAC Aquatic	12,050.00	2,595.45			22%
0117287 - BBQ & Party Hire Fees - Op Inc - BRAC Aquatic	3,818.00	1,018.19			27%
0117410 - Entry Fees and Spectator Fees - Op Inc - BRAC Aquatic	253,141.00	61,316.39			24%
0117411 - DO NOT USE Venue Hire Fees Aquatic - BRAC - Use 117410					
0117412 - State Swimming Pool Grant - Op Inc - BRAC - Aquatic					
Sub Total To Programme Summary	\$451,312.00	\$135,880.95	\$0.00	\$0.00	
Capital Expenditure					
0117128 - Aquatic Infrastructure Renewal - Cap Exp - BRAC Aquatic			31,600.00	35,750.00	113%
Sub Total To Programme Summary	\$0.00	\$0.00	\$31,600.00	\$35,750.00	
Capital Income					
0117720 - Transfer From BRAC Reserve - Cap Inc - BRAC Aquatic	44,417.00	0.00			0%
Sub Total To Programme Summary	\$44,417.00	\$0.00	\$0.00	\$0.00	

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SHIRE OF BROOME
Schedule 11
RECREATION AND CULTURE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Total Brac - Aquatic	\$495,729.00	\$135,880.95	\$559,163.35	\$187,935.29
BRAC - Dry				
Operating Expenditure				
0117081 - Building & Facility Maint Exp - BRAC Dry			92,617.00	16,395.86 18%
0117140 - BRAC Equipment - Dry Programs - Op Exp - BRAC - Dry			18,187.00	17,025.49 94%
0117142 - Holiday Program Op Exp - BRAC - Dry			5,000.00	2,723.65 54%
0117146 - Netball Expenses - Op Exp - BRAC - Dry			5,500.00	0.00 0%
0117152 - Volleyball Expenses - Op Exp - BRAC - Dry			500.00	0.00 0%
0117156 - Program Annual Events - Op Exp - BRAC Dry			8,000.00	5,699.56 71%
0117160 - Salary - Op Exp - BRAC Dry			16,519.79	2,202.84 13%
0117161 - Superannuation Employee Expense - BRAC Dry			4,446.00	539.38 12%
0117170 - Creche Program Expenses - Op Exp - BRAC				
0117171 - Salary - Op Exp - Holiday Prog Exps - BRAC Dry			30,616.38	6,980.37 23%
0117630 - Admin Costs Alloc - Op Exp - BRAC - Dry			27,444.00	7,710.47 28%
0117800 - Vehicle & Plant Exps - BRAC Dry - (Inc Gen Set) - Op Exp			0.00	5,175.40 100%
1145206 - Other Employment Costs - BRAC Dry			17,634.00	334.32 2%
1145296 - Fixed Asset Dep'n - Op Exp - BRAC Dry			1,232,609.00	411,295.93 33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,459,073.17	\$476,083.27
Operating Income				
0117203 - Photocopying & Public Phone Inc Rec'd - Dry BRAC	100.00	4.55 5%		
0117246 - Netball BRAC Program - Op Inc - BRAC Dry	17,726.00	3,018.18 17%		
0117248 - Squash BRAC Program Inc	25,374.00	8,840.23 35%		
0117250 - Tennis BRAC Program Inc	23,839.00	6,048.36 25%		
0117251 - Outdoor Court Hire - Op Inc - BRAC Dry	12,168.00	4,387.50 36%		
0117252 - Introductory Programs - Op Inc - BRAC Dry	10,000.00	4,477.27 45%		
0117256 - Program Annual Events - Op Inc - BRAC Dry	9,683.00	3,177.28 33%		
0117260 - Creche User Fees Inc. Rec'd	4,633.00	417.27 9%		
0117261 - Term Program Enrolment Fees Rec'd	0.00	-72.73 100%		
0117266 - Multipurpose Room Hire Inc - BRAC	2,873.00	705.00 25%		
0117270 - DO NOT USE Recreation BRAC Program Income with GST				
0117272 - Holiday Program Enrolment Fees Rec'd	29,999.00	13,727.27 46%		

SHIRE OF BROOME
Schedule 11
RECREATION AND CULTURE

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0117275 - Stadium Venue Hire Inc. Rec'd - Op Inc - Dry BRAC	24,128.00	8,126.82			34%
0117277 - Back Bar & Grassed Area Venue Hire BRAC Inc. Rec'd - Dry BRAC	1,000.00	0.00			0%
Sub Total To Programme Summary	\$161,523.00	\$52,857.00	\$0.00	\$0.00	
Capital Expenditure					
0117300 - BRAC Building New Const - Cap Exp - BRAC Dry			2,579,869.00	17,634.80	1%
0117315 - BRAC Building Renewal - Cap Exp - BRAC Dry			10,000.00	0.00	0%
0117317 - BRAC Dry Recreation Infrastructure Renewal - Cap Exp - BRAC Dry			44,417.00	0.00	0%
0117360 - BRAC - Carpark & Roads New Const - BRAC Dry - Infra Cap Exp					
0117370 - Fixed Plant & Equip New BRAC Dry - Cap Exp					
0117372 - Furniture & Equip New BRAC Dry - Cap Exp			105,959.00	8,666.36	8%
Sub Total To Programme Summary	\$0.00	\$0.00	\$2,740,245.00	\$26,301.16	
Capital Income					
0117294 - Grant Income - Non-Op Inc - BRAC Dry	2,554,889.00	524,350.00			21%
0117324 - Transfer From BRAC Reserve - Cap Inc - BRAC Dry	44,417.00	0.00			0%
Sub Total To Programme Summary	\$2,599,306.00	\$524,350.00	\$0.00	\$0.00	
Total Brac - Dry	\$2,760,829.00	\$577,207.00	\$4,199,318.17	\$502,384.43	
BRAC - Ovals					
Operating Expenditure					
0117105 - Interest & Fees Exp on Loan 191 BRAC Ovals Stg 2B - Op Exp			0.00	218.60	100%
0117106 - Int Repaym't Loan 194 BRAC Oval Pavilion - Op Exp			14,374.00	469.04	3%
0117210 - BRAC Ovals Maint - Op Exp			382,610.70	156,436.88	41%
0117212 - BRAC Ovals Utility Exp - Op Exp			96,200.00	37,944.93	39%
0117218 - Pavilion Building Maint & Operating Expenses - Op Exp - BRAC Ovals			27,817.00	9,497.14	34%
0117487 - Fixed Asset Dep'n - Op Exp - BRAC Ovals			20,971.00	7,009.49	33%
0117730 - Admin Costs Alloc - Op Exp - BRAC - Ovals			7,956.00	2,234.92	28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$549,928.70	\$213,811.00	
Operating Income					
0117289 - BRAC Field - Glenn & Pat Medlend Pavilion Fees - Op Inc - BRAC Ovals	8,955.00	749.99			8%
0117291 - BRAC Fields - Electricity Reimb and Other Income - Op Inc	20,000.00	6,280.76			31%

SHIRE OF BROOME
Schedule 11
RECREATION AND CULTURE

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
0117292 - BRAC Fields - Joseph Nipper Roe Playing Field Fees and Other Income - Op Inc	5,036.00	1,908.16 38%		
0117293 - BRAC Fields - Father McMahon Playing Field Fees and Other Income - Op Inc	23,554.00	9,666.95 41%		
Sub Total To Programme Summary	\$57,545.00	\$18,605.86	\$0.00	\$0.00
Capital Expenditure				
0117305 - Princ Repay BRAC Ovals Stg 2B - Loan 191				
0117306 - Princ Repay BRAC Ovals Pavilion - Loan 194			114,699.00	0.00 0%
0117450 - BRAC Ovals Upgrade of Infra - Cap Exp				
0117455 - BRAC Ovals Renewal Infra Works - Cap Exp - BRAC Ovals			43,593.00	12,355.83 28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$158,292.00	\$12,355.83
Total Brac - Ovals	\$57,545.00	\$18,605.86	\$708,220.70	\$226,166.83
TOTAL RECREATION AND CULTURE	\$20,986,089.00	\$1,916,674.03	\$37,048,852.68	\$7,035,877.01

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Schedule 12
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Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Car Park Construction			396.00	111.75
Footpath Construction			1,596.00	446.98
Road Construction			1,188.00	335.23
Crossovers & General Expenses			4,910,486.13	1,787,808.79
Road Maintenance			3,360,889.42	911,905.60
Flood Damage Repairs				3,855.60
Road Operating Expenses			1,896,899.99	559,197.38
Parking Control & Management			37,365.00	32,657.06
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$10,208,820.54	\$3,296,318.39
Operating Income				
Car Park Construction	12,602.00	120.70		
Footpath Construction	51,206.00	492.82		
Road Construction	41,450.00	466.09		
Crossovers & General Expenses				
Road Maintenance	4,946,607.00	86,338.17		
Flood Damage Repairs	970,000.00			
Parking Control & Management	15,000.00	3,272.80		
TOTAL OPERATING INCOME	\$6,036,865.00	\$90,690.58	\$0.00	\$0.00
Capital Expenditure				
Bus Shelter Construction			30,000.00	15,607.27
Car Park Construction			359,158.00	335,294.38
Footpath Construction			859,460.38	126,181.36
Road Construction			3,526,063.00	913,679.48
Street Lighting Construction			516,620.00	134,589.77
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$5,291,301.38	\$1,525,352.26
Capital Income				
Bus Shelter Construction	30,000.00			
Car Park Construction	267,000.00			
Footpath Construction	411,184.00			
Road Construction	1,959,933.00	1,066,732.20		
Street Lighting Construction				

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Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
TOTAL CAPITAL INCOME	\$2,668,117.00	\$1,066,732.20	\$0.00	\$0.00
TOTAL TRANSPORT	\$8,704,982.00	\$1,157,422.78	\$15,500,121.92	\$4,821,670.65

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
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Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Bus Shelter Construction				
Capital Expenditure				
0125100 - Bus Facilities Program New Const - Cap Exp - Rd Infra			30,000.00	15,607.27 52%
0125134 - Transfer to Road Reserve (for Bus Shelters)				
Sub Total To Programme Summary	\$0.00	\$0.00	\$30,000.00	\$15,607.27
Capital Income				
0125965 - Transfer From Road Reserve Bus Shelter Const - Cap Inc	30,000.00	0.00 0%		
Sub Total To Programme Summary	\$30,000.00	\$0.00	\$0.00	\$0.00
Total Bus Shelter Construction	\$30,000.00	\$0.00	\$30,000.00	\$15,607.27
Car Park Construction				
Operating Expenditure				
0125330 - Admin Costs Alloc - Op Exp - Car Park Construction			396.00	111.75 28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$396.00	\$111.75
Operating Income				
0124988 - Interest Recd - Car Park Reserve -Op IncCons Sts Rds Bridges Dep	12,602.00	120.70 1%		
Sub Total To Programme Summary	\$12,602.00	\$120.70	\$0.00	\$0.00
Capital Expenditure				
0121390 - Transfer to Carpark Reserve - Cap Exp - Carpark Const			36,967.00	120.70 0%
0124600 - Car Park Renewal Wks - Cap Exp - Car Park Const			5,191.00	0.00 0%
0125000 - 7000000			317,000.00	335,173.68 106%
Sub Total To Programme Summary	\$0.00	\$0.00	\$359,158.00	\$335,294.38
Capital Income				
0125490 - Transfer From Carpark Reserve - Car Park Construction	267,000.00	0.00 0%		
Sub Total To Programme Summary	\$267,000.00	\$0.00	\$0.00	\$0.00
Total Car Park Construction	\$279,602.00	\$120.70	\$359,554.00	\$335,406.13
Footpath Construction				
Operating Expenditure				
0125430 - Admin Costs Alloc - Op Exp - Footpath Construction			1,596.00	446.98 28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,596.00	\$446.98
Operating Income				
0125988 - Interest Recd Footpath Reserve -Op IncCons Sts Rds Bridges Dep	51,206.00	492.82 1%		
Sub Total To Programme Summary	\$51,206.00	\$492.82	\$0.00	\$0.00

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Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Capital Expenditure					
0125140 - Footpath Construction New - Cap			556,985.56	11,280.00	2%
Exp - Cons Streets Roads Bridges					
0125300 - Footpath Const Renewal - Cap			141,902.82	114,408.54	81%
Exp - Cons Streets Roads Bridges					
0125950 - Transfer to Footpath Reserve			114,235.00	492.82	0%
1223481 - Footpath Const Upgrade - Cap			46,337.00	0.00	0%
Exp - Cons Streets Roads Bridges					
Sub Total To Programme Summary	\$0.00	\$0.00	\$859,460.38	\$126,181.36	
Capital Income					
0121767 - Grant Non Op - Footpath					
Construction - Cap Inc					
0121782 - Dev Contrib - Footpaths					
0125960 - Transfer From Footpath Reserve	411,184.00	0.00			0%
- Footpath Construction					
Sub Total To Programme Summary	\$411,184.00	\$0.00	\$0.00	\$0.00	
Total Footpath Construction	\$462,390.00	\$492.82	\$861,056.38	\$126,628.34	
Road Construction					
Operating Expenditure					
0121130 - Admin Costs Alloc - Op Exp -			1,188.00	335.23	28%
Road Construction					
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,188.00	\$335.23	
Operating Income					
0121985 - Interest Recd on Road Reserve -	41,450.00	466.09			1%
Op IncCons Sts Rds Bridges Dep					
Sub Total To Programme Summary	\$41,450.00	\$466.09	\$0.00	\$0.00	
Capital Expenditure					
0113561 - Street & Verge New Const by P &			691,811.00	0.00	0%
G - Infra Cap Exp Rd Const					
0121000 - Urban Road New Construction -			0.00	74,010.73	100%
Cap Exp - Cons Streets Roads Bridges					
0121100 - Urban Road Upgrade Const - Cap			1,354,756.00	6,155.62	0%
Exp					
0121101 - Urban Road Renewal Const - Cap			839,161.00	782,925.72	93%
Exp					
0121501 - Rural Road Upgrade Const - Cap					
Exp					
0121505 - Rural Road Renewal Const - Cap			18,000.00	18,156.82	101%
Exp					
0121510 - Chinatown Street Scape Upgrade			0.00	16,351.50	100%
of Infra by P & G - Cap					
0121950 - Transfer to Road Reserve - Cap			573,535.00	466.09	0%
Exp - Cons Streets Roads Bridges Dep					
1254421 - Access & Inclusion Improvements			48,800.00	15,613.00	32%
New Infra - Cap Exp					
Sub Total To Programme Summary	\$0.00	\$0.00	\$3,526,063.00	\$913,679.48	
Capital Income					

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Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
0121761 - Aboriginal Roads Non Op Grant from MRWA - Op Inc - Rd Const	18,000.00	4,800.00		27%
0121763 - Black Spot Non Op Grant (Commonwealth/Federal)	860,754.00	344,301.20		40%
0121771 - Black Spot State Non Op Grant	46,179.00	18,471.60		40%
0121776 - Rds To Recovery Non Op Grant for Urban Rds - Non Op Inc				
0121778 - Regional Rd Group (RRG) Rural Rd Const Funding - Non Op Inc - Rd Const	1,035,000.00	280,809.20		27%
0121779 - Regional Rd Group (RRG) Urban Rd Const Funding - Non Op Inc - Rd Const	0.00	418,350.20		100%
0121906 - Transfer From Restricted Cash Reserve - Road Construction				
0121960 - Transfer From Road Reserve Road Construction - Cap Inc				
Sub Total To Programme Summary	\$1,959,933.00	\$1,066,732.20	\$0.00	\$0.00
Total Road Construction	\$2,001,383.00	\$1,067,198.29	\$3,527,251.00	\$914,014.71
Street Lighting Construction				
Capital Expenditure				
0125200 - Street Lighting New - Cap Exp - Cons Streets Roads Bridges			122,500.00	0.00 0%
0125215 - Street Lighting Upgrade - Cap Exp - Cons Streets Roads Bridges			5,299.00	0.00 0%
0125225 - Street Lighting Renewal Const - Cap Exp - St Lighting			348,026.00	134,589.77 39%
0125506 - Transfer to Restricted Cash Reserve - St Lighting Construction - Cap Exp				
0125507 - Transfer to Road Reserve - St Lighting - Cap Exp			40,795.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$516,620.00	\$134,589.77
Capital Income				
0125107 - St Lighting Const Grant Rec'd - Cap Inc - St Lighting Const				
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00
Total Street Lighting Construction	\$0.00	\$0.00	\$516,620.00	\$134,589.77
Crossovers & General Expenses				
Operating Expenditure				
0121209 - Bus Shelters - Op Exp - Mtce Streets Roads Bridges			26,763.47	1,206.54 5%
0121217 - Street House Numbering - Op Exp - Mtce Streets Roads Bridges			30,466.80	5,592.09 18%
0121230 - Admin Costs Alloc - Op Exp - Crossovers & General Expenses			78,756.00	22,125.70 28%
0121541 - Storm Damage Cleanup - Op Exp - Mtce Streets Roads Bridges			10,942.90	0.00 0%
0121550 - Statutory Contrib for Crossovers - Op Exp - Crossovers & General			7,725.00	434.50 6%

SHIRE OF BROOME
Schedule 12
TRANSPORT

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0121990 - Carpark Road Reserves- Linemarking Maint & Signs - Op Exp - Mtce Streets Roads Bridges			45,776.58	4,148.09	9%
0122207 - Resource Reclamation - Op Exp - Mtce Streets Roads Bridges			16,160.09	0.00	0%
0122285 - Works - Alloc Staff Wet Weather - Op Exp - Crossovers & Gen			11,799.29	0.00	0%
0122295 - Dep'cn Infrastructure - Op Exp - Mtce Streets Roads Bridges Dep			4,682,096.00	1,754,301.87	37%
Sub Total To Programme Summary	\$0.00	\$0.00	\$4,910,486.13	\$1,787,808.79	
Operating Income					
0121404 - MRWA Grant Rec'd For St Lighting Op Costs - Op Inc - Cross & Gen					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Crossovers & General Expenses	\$0.00	\$0.00	\$4,910,486.13	\$1,787,808.79	
Road Maintenance					
Operating Expenditure					
0121330 - Admin Costs Alloc - Op Exp - Road Maintenance			25,056.00	7,039.99	28%
0122000 - Urban Road Maintenance - Op Exp - Mtce Streets Roads Bridges			1,342,357.02	389,800.76	29%
0123000 - Rural Road Maintenance - Op Exp - Rd Maint			1,993,476.40	515,064.85	26%
Sub Total To Programme Summary	\$0.00	\$0.00	\$3,360,889.42	\$911,905.60	
Operating Income					
0120305 - WALGGC Road Grants Untied Op Grant Rec'd	366,107.00	86,338.17			24%
0120306 - Dep't Premier & Cabint Natural Disaster Grant - Cape Leveque Rd	4,382,500.00	0.00			0%
0121762 - State Direct MRWA/RRG Rd Maint Op Grant Rec'd	198,000.00	0.00			0%
Sub Total To Programme Summary	\$4,946,607.00	\$86,338.17	\$0.00	\$0.00	
Total Road Maintenance	\$4,946,607.00	\$86,338.17	\$3,360,889.42	\$911,905.60	
Flood Damage Repairs					
Operating Expenditure					
0122415 - Flood Damage Repairs			0.00	3,855.60	100%
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$3,855.60	
Operating Income					
0122430 - Natural Disaster Grant - Flood Damage Repairs	970,000.00	0.00			0%
Sub Total To Programme Summary	\$970,000.00	\$0.00	\$0.00	\$0.00	
Total Flood Damage Repairs	\$970,000.00	\$0.00	\$0.00	\$3,855.60	
Road Operating Expenses					

SHIRE OF BROOME
Schedule 12
TRANSPORT

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Operating Expenditure					
0122204 - Street Lighting - Mnthly Elect			440,000.00	148,268.05	34%
Accts & Insurance - Op Exp - Road					
Operating Exp					
0126000 - 0			1,005,471.01	245,455.66	24%
0126050 - Drain Slashing & Maint P&G - Op			83,612.06	33,620.91	40%
Exp - Mtce Streets Roads Bridges					
0126051 - Specific Location & Access Way			358,672.92	129,282.60	36%
Operating Exps by P&G - Op Exp - Rd Op					
0126130 - Admin Costs Alloc - Op Exp -			9,144.00	2,570.16	28%
Road Operating Expenses					
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,896,899.99	\$559,197.38	
Total Road Operating Expenses	\$0.00	\$0.00	\$1,896,899.99	\$559,197.38	
Parking Control & Management					
Operating Expenditure					
0124010 - Salary - Op Exp - Parking Control			0.00	21,952.81	100%
0124530 - Admin Cost Alloc - Op Exp -			36,204.00	10,168.88	28%
Parking Facilities					
1260206 - Other Employment Costs -			1,161.00	535.37	46%
Parking Control					
Sub Total To Programme Summary	\$0.00	\$0.00	\$37,365.00	\$32,657.06	
Operating Income					
0124910 - Parking Fines - Op Inc - Parking	15,000.00	3,272.80			22%
Facilities					
Sub Total To Programme Summary	\$15,000.00	\$3,272.80	\$0.00	\$0.00	
Total Parking Control & Management	\$15,000.00	\$3,272.80	\$37,365.00	\$32,657.06	
TOTAL TRANSPORT	\$8,704,982.00	\$1,157,422.78	\$15,500,121.92	\$4,821,670.65	

SHIRE OF BROOME
Schedule 13
ECONOMIC SERVICES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Tourism & Area Promotion			1,063,955.56	346,830.74
Building Control			442,791.70	149,446.70
Economic Services Special Projects			231,007.80	46,422.33
Other Economic Services			789,165.43	199,339.54
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$2,526,920.49	\$742,039.31
Operating Income				
Tourism & Area Promotion	871,966.00	219,162.17		
Building Control	160,874.00	130,850.62		
Economic Services Special Projects	125,478.00	3,000.00		
Other Economic Services	38,000.00			
TOTAL OPERATING INCOME	\$1,196,318.00	\$353,012.79	\$0.00	\$0.00
Capital Expenditure				
Tourism & Area Promotion			25,000.00	770.59
Economic Services Special Projects			1,368,356.00	104,305.07
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$1,393,356.00	\$105,075.66
Capital Income				
Economic Services Special Projects	162,768.00	23,320.86		
Other Economic Services				
TOTAL CAPITAL INCOME	\$162,768.00	\$23,320.86	\$0.00	\$0.00
TOTAL ECONOMIC SERVICES	\$1,359,086.00	\$376,333.65	\$3,920,276.49	\$847,114.97

SUB-FUNCTION DETAIL FOLLOWS.....

SHIRE OF BROOME
Schedule 13
ECONOMIC SERVICES

Financial Statement For The Period Ending 31/10/2019

Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Tourism & Area Promotion				
Operating Expenditure				
0132020 - Australia's North West Tourism Contribution - Op Exp - Tourism			175,000.00	125,000.00 71%
0132050 - Broome Visitor Centre Complex- Op Exp - Tourism & Area Promotion			214,944.55	91,022.34 42%
0132060 - Tourism Development - Op Exp - Tourism & Area Promotion			76,612.00	44,000.00 57%
0132069 - Broome Visitor Centre - BVC Subsidised Rental (In-Kind) - Op Exp - Tourism & Area Promot			158,178.00	0.00 0%
0132070 - Broome Visitor Centre - Annual Subsidy - Op Exp - Tourism & Area Promot			110,000.00	0.00 0%
0132078 - Promotional Signage Structures Maint Exp - Tourism & Area Promotion			7,455.01	1,839.35 25%
0132310 - Roebuck Bay Caravan Park Maint - Op Exp - Tourism & Area Promotion			65,912.00	6,042.02 9%
0132530 - Admin Costs Alloc - Op Exp - Tourism & Area Promotion			124,104.00	34,864.74 28%
1365296 - Fixed Asset Dep'n - Op Exp - Tourism & Area Promotion			131,750.00	44,062.29 33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,063,955.56	\$346,830.74
Operating Income				
0132380 - Promotional Banners & Sundry Income Inc GST Tourism	4,323.00	0.00 0%		
0132410 - Roebuck Bay CP - Rent & Recoup Income - Op Inc	510,000.00	125,000.00 25%		
0132411 - Stat Fees & Lic - Caravan Parks	15,000.00	13,789.50 92%		
0132414 - Broome Visitor Centre - Rent & Recoup Income - Op Inc	260,444.00	38,535.90 15%		
0132415 - Broome Visitor Centre Courthouse - Rent & Recoup Income - Op Inc	58,199.00	21,836.77 38%		
0134212 - Cable Beach Camel Tours (Res 52985) - Rent & Recoup Income - Op Inc	24,000.00	20,000.00 83%		
Sub Total To Programme Summary	\$871,966.00	\$219,162.17	\$0.00	\$0.00
Capital Expenditure				
0132129 - Visitor Centre Renewal (Inc plant & Furn) - Cap Bldg Exp			25,000.00	0.00 0%
0132131 - Promotional Banner Const Upgrade - Cap Exp - Tourism			0.00	770.59 100%
1365495 - Other Infrastructure - New Const - Cap Exp				
Sub Total To Programme Summary	\$0.00	\$0.00	\$25,000.00	\$770.59
Total Tourism & Area Promotion	\$871,966.00	\$219,162.17	\$1,088,955.56	\$347,601.33
Building Control				
Operating Expenditure				
0133010 - Salary - Op Exp - Building Control			107,122.27	53,296.16 50%

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0133011 - Salary - Op Exp - Swimming Pool Inspections			91,613.43	14,286.94	16%
0133013 - Superannuation Employee Expense- Building Control			10,088.00	10,011.89	99%
0133015 - Consultants - Op Exp - Building Control			3,000.00	2,206.00	74%
0133027 - Other Employment Costs - Op Exp - Building Control			5,424.00	1,679.68	31%
0133030 - Subscriptions - Op Exp - Building Control			4,200.00	1,014.09	24%
0133283 - Sundry Expenses - Op Exp - Building Control			500.00	0.00	0%
0133284 - Reimbursements Exps - Build Control			500.00	0.00	0%
0133800 - Vehicle & Plant Exps - Building Control			0.00	2,798.31	100%
1366297 - Admin Cost Allocated - Building Control			192,528.00	54,085.03	28%
1366298 - IT/Records Costs Allocated -Building Control			27,816.00	10,068.60	36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$442,791.70	\$149,446.70	
Operating Income					
0133410 - Stat Fees & Lic - Building Permits	50,000.00	26,125.95			52%
0133411 - Building Strata Application Fees - Op Inc - Building Control	500.00	0.00			0%
0133420 - Stat Fees & Lic - Demolition Permits	2,016.00	1,945.00			96%
0133440 - Stat Fees & Lic - Pool Inspections	95,858.00	97,903.75			102%
0133480 - Other Minor Charges Inc GST - Op Inc - Building Control	12,000.00	4,325.92			36%
0133485 - Other Minor Building Charges & Penalties No GST - Op Inc - Building Control	500.00	550.00			110%
Sub Total To Programme Summary	\$160,874.00	\$130,850.62	\$0.00	\$0.00	
Total Building Control	\$160,874.00	\$130,850.62	\$442,791.70	\$149,446.70	
Economic Services Special Projects					
Operating Expenditure					
1367206 - Salary - Op Exp - Economic Services Special Projects			105,664.80	33,545.42	32%
1367207 - Superannuation Employee Exp - Op Exp - Economic Services Special Projects			39,312.00	8,101.39	21%
1367208 - Other Employment Costs - Op Exp - Economic Services Special Projects			11,275.00	1,766.57	16%
1367209 - Phone & PC - Op Exp - Economic Services Special Projects			1,050.00	254.52	24%
1367211 - ****DO NOT USE**** Chinatown Revitalisation Consultant and Other Expenese					
1367214 - Chinatown Revitalisation Loan Interest & Fee Exp - Op Exp			60,718.00	-965.66	-2%
1367215 - Vehicle Lease Exps - Op Exp - Economic Services Special Projects					

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Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
1367218 - CIDC Led Initiatives - Op Exp - Economic Services Special Projects			1,060.00	367.72 35%
1367220 - Chinatown Revitalisation Laneway & Activation Grants				
1367230 - Admin Costs Alloc - Op Exp - Economic Services Special Projects			11,928.00	3,352.37 28%
1367231 - CIDC Activation Grants - Op Exp - Economic Services Special Projects				
Sub Total To Programme Summary	\$0.00	\$0.00	\$231,007.80	\$46,422.33
Operating Income				
1367301 - Grants & Contributions Received - Op Inc - Economic Services Special Projects	65,478.00	3,000.00 5%		
1367302 - Fees & Charges - Op Inc - Economic Services Special Projects				
1367303 - Other Income Received - Op Inc - Economic Services Special Projects	60,000.00	0.00 0%		
1367308 - rants & Contributions Received - Op Inc - Broome Boating Project				
Sub Total To Programme Summary	\$125,478.00	\$3,000.00	\$0.00	\$0.00
Capital Expenditure				
1367221 - Chinatown Project Mgmt Feasibility & Design Consultancy - Cap Exp - Economic Services Special Project				
1367228 - Chinatown Project Stage 2 - CapEx			800,000.00	0.00 0%
1367402 - Chinatown Revitalisation Project Management - Cap Exp - Economic Services Special Projects			0.00	357.49 100%
1367404 - Chinatown Revitalisation - Road Upgrade - Cap Exp			199,948.00	4,643.13 2%
1367405 - Chinatown Revitalisation - Other Infra New - Cap Exp			276,543.00	99,304.45 36%
1367452 - Chinatown Revitalisation Loan Principal Exp			91,865.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,368,356.00	\$104,305.07
Capital Income				
1367502 - Loans Received China Town Revitalisation - Cap Inc - Economic Services Special Projects				
1367504 - Grants & Contr. Received Non Op - Cap Inc - Economic Services Special Projects	0.00	23,320.86 100%		
1367505 - Transfer From Restricted Cash Reserve - Chinatown Revitalisation				
1367506 - Transfer From Public Art Reserve - Chinatown Revitalisation	162,768.00	0.00 0%		
Sub Total To Programme Summary	\$162,768.00	\$23,320.86	\$0.00	\$0.00
Total Economic Services Special Projects	\$288,246.00	\$26,320.86	\$1,599,363.80	\$150,727.40

Other Economic Services

Operating Expenditure

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0136723 - Economic Development Program			229,122.00	20,036.11	9%
Expense - Place Making Officer Activation					
-Op Exp - Other Economic Serv					
1367201 - Salary - Op Exp - Economic Services			364,026.43	121,166.47	33%
1367202 - Superannuation Employee			20,150.00	2,882.10	14%
Expense - Op Exp - Economic Services					
1367204 - Other Employment Costs - Op Exp - Economic Services			13,035.00	4,711.32	36%
1367210 - Economic Development Program			7,000.00	0.00	0%
Expense - Op Exp - Other Economic Services					
1367297 - Admin Cost Allocated - Economic Services			72,396.00	20,337.76	28%
1367298 - IT/Records Costs Allocated - Economic Services			83,436.00	30,205.78	36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$789,165.43	\$199,339.54	
Operating Income					
1367310 - Grants & Contributions Received - Op Inc - Other Economic Services	38,000.00	0.00			0%
Sub Total To Programme Summary	\$38,000.00	\$0.00	\$0.00	\$0.00	
Capital Income					
1367525 - Transfer From Restricted Cash Reserve - Other Economic Services					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Other Economic Services	\$38,000.00	\$0.00	\$789,165.43	\$199,339.54	
TOTAL ECONOMIC SERVICES	\$1,359,086.00	\$376,333.65	\$3,920,276.49	\$847,114.97	

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Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
FUNCTION SUMMARY				
Operating Expenditure				
Private Works			40,131.32	3,723.83
Engineering Office			1,145,685.36	201,873.83
Parks & Gardens Operations			-1,721,555.06	-499,736.68
Works Operations			-434,064.34	-184,170.88
Depot Operations			839,347.60	205,491.03
Plant Operation			796,649.63	51,864.13
Salaries & Wages				
Corporate Governance & Support			1,018,109.32	912,317.36
IT and Records Operations			313,355.85	117.34
Unclassified General			86,610.00	27,693.04
Other Buildings Leased - Unclassified			125,604.00	39,164.66
Community Facilities Leased - Unclassified			394,003.00	127,783.27
Office Properties Leased - Unclassified			781,560.43	248,770.94
TOTAL OPERATING EXPENDITURE	\$0.00	\$0.00	\$3,385,437.11	\$1,134,891.87
Operating Income				
Private Works	31,504.00	-316.82		
Engineering Office	111,176.00	17,372.72		
Parks & Gardens Operations	43,040.00	2,000.00		
Works Operations	23,750.00	700.00		
Depot Operations		6,774.40		
Corporate Governance & Support	566,612.00	134,975.95		
IT and Records Operations	11,589.00	117.34		
Unclassified General	28,521.00	1,000.00		
Other Buildings Leased - Unclassified	229,269.00	86,703.80		
Community Facilities Leased - Unclassified	151,973.24	39,510.30		
Office Properties Leased - Unclassified	1,084,171.00	447,478.19		
TOTAL OPERATING INCOME	\$2,281,605.24	\$736,315.88	\$0.00	\$0.00
Capital Expenditure				
Engineering Office			92,176.00	458.09
Parks & Gardens Operations			691,000.00	72,120.91
Works Operations			906,397.00	196,576.10

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Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Depot Operations			4,000.00	1,051.46
Corporate Governance & Support			602,837.00	27,662.47
IT and Records Operations			395,543.00	53,535.60
Unclassified General			71,574.00	68,275.22
Community Facilities Leased - Unclassified			8,000.00	
Office Properties Leased - Unclassified			801,347.00	438,252.07
TOTAL CAPITAL EXPENDITURE	\$0.00	\$0.00	\$3,572,874.00	\$857,931.92
Capital Income				
Private Works	10,000.00			
Engineering Office	24,000.00			
Parks & Gardens Operations	228,727.00	5,000.00		
Works Operations	350,182.00	49,090.91		
Depot Operations				
Corporate Governance & Support	51,000.00	7,363.64		
IT and Records Operations				
Unclassified General				
Community Facilities Leased - Unclassified				
Office Properties Leased - Unclassified	801,347.00			
TOTAL CAPITAL INCOME	\$1,465,256.00	\$61,454.55	\$0.00	\$0.00
TOTAL OTHER PROPERTY AND SERVICES	\$3,746,861.24	\$797,770.43	\$6,958,311.11	\$1,992,823.79

SUB-FUNCTION DETAIL FOLLOWS.....

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Private Works					
Operating Expenditure					
0141271 - 1796200			34,781.98	3,723.83	11%
0141610 - P & G Private Works Expenses			5,349.34	0.00	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$40,131.32	\$3,723.83	
Operating Income					
0141450 - Works Private Works Income - Not Prepaid	15,000.00	0.00	0%		
0141451 - Works - Blue & White Directional Signs & Prepaid Private Works Income	16,504.00	-316.82	-2%		
0141600 - P & G Private Works - Fees Charged					
Sub Total To Programme Summary	\$31,504.00	-\$316.82	\$0.00	\$0.00	
Capital Income					
0141960 - Transfer From Restricted Cash Reserve Private Wks Rd Const - Cap Inc	10,000.00	0.00	0%		
Sub Total To Programme Summary	\$10,000.00	\$0.00	\$0.00	\$0.00	
Total Private Works	\$41,504.00	-\$316.82	\$40,131.32	\$3,723.83	
Engineering Office					
Operating Expenditure					
0143010 - Salary - Op Exp - Engineering Office			833,684.36	220,300.33	26%
0143013 - Superannuation Employee Expense - Engineering			100,854.00	26,733.99	27%
0143020 - Reimb & Other Exp - Op Exp - Eng Office					
0143021 - Survey Consumables - Op Exp - Eng Office			1,000.00	0.00	0%
0143022 - Minor Assets Expensed - Op Exp - Eng Office			1,400.00	0.00	0%
0143025 - Safety Audit Op Exp - Eng Office			10,000.00	8,508.60	85%
0143029 - Other Employment Costs - Engineering			33,793.00	5,348.13	16%
0143031 - Survey Equipment & Maintenance - Op Exp - Engineering Office			500.00	0.00	0%
0143032 - Minor Non IT Items Exp Engineering			3,500.00	799.92	23%
0143033 - Title Searches/Survey Info - Op Exp - Engineering Office			10,000.00	0.00	0%
0143036 - Advertising - Op Exp - Engineering Office			1,000.00	397.60	40%
0143038 - Consultants Engineering Office			175,000.00	133,985.55	77%
0143102 - Less Design & Project Management Costs Alloc - Eng Office - Op Exp			-310,033.00	-321,020.83	104%
0143110 - Office Duties & Non Productive Eng Office Staff Time - Op Exp-Eng Office			0.00	28,879.81	100%
0143296 - Loss on Sale of Assets - Op Exp - Engineering Office			4,800.00	0.00	0%

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Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
0143800 - Vehicle & Plant Exps - Eng Office			0.00	9,675.57 100%
1471296 - Fixed Asset Dep'n - Op Exp - Engineering Office			1,523.00	508.99 33%
1471297 - Admin Costs Allocated - Op Exp - Engineering			161,892.00	45,480.59 28%
1471298 - IT/Records Costs Allocated - Op Exp - Engineering			116,772.00	42,275.58 36%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,145,685.36	\$201,873.83
Operating Income				
0143313 - User Charges - Private Vehicle Use Eng Off				
0143390 - Reimb Received No GST Incl Diesel Fuel Rebate & Insurance - Op Inc	64,000.00	16,914.63 26%		
0143405 - Grant Op - R4R KRGS - Op Inc - Eng Off				
0143485 - Subdivision Engineering Supervision Charges - Op Inc - Eng Off				
0143988 - Interest Rec Plant Reserve - Op Inc - Engineering Office	47,176.00	458.09 1%		
Sub Total To Programme Summary	\$111,176.00	\$17,372.72	\$0.00	\$0.00
Capital Expenditure				
0142988 - Transfer to Plant Reserve - Cap Exp - Engineering Office			47,176.00	458.09 1%
0148004 - Vehicle & Mobile Plant Renewal(Replacement)- Cap Exp - Eng Office			45,000.00	0.00 0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$92,176.00	\$458.09
Capital Income				
0143600 - Proceeds from Sale of Assets - Cap Inc - Engineering Office	16,000.00	0.00 0%		
0143792 - Transfer From Plant Reserve - Engineering Office	8,000.00	0.00 0%		
Sub Total To Programme Summary	\$24,000.00	\$0.00	\$0.00	\$0.00
Total Engineering Office	\$135,176.00	\$17,372.72	\$1,237,861.36	\$202,331.92
Parks & Gardens Operations				
Operating Expenditure				
0113048 - Inclement Weather P&G - Op Exp - P & G Operations			22,910.35	0.00 0%
0143048 - Other Employment Costs - Op Exp - Parks			88,604.00	19,684.04 22%
0143049 - Relief Staff Exp - P&G - Gen Admin			108,000.00	0.00 0%
0143500 - Salary - Op Exp - P & G (Management)			454,019.75	151,855.54 33%
0143501 - Minor Tools & Equipment - Op Exp - Parks and Gardens Ops			15,000.00	2,148.27 14%
0143502 - Staff Meetings - P & G Workers			66,867.23	21,130.24 32%
0143503 - Workers Compensation - Op Exp - Parks & Gardens Operations				

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0143504 - Training - Op Exp - Parks & Gardens Operations			72,760.24	44,639.91	61%
0143507 - C Hankinson			24,680.00	1,636.36	7%
0143508 - Wages & Related Sick & Holiday - P & G Ops			0.00	113,189.12	100%
0143510 - Protective Clothing & Equip Uniforms & Boots - Op Exp - P & G Ops			49,865.00	10,510.11	21%
0143511 - General Expenses - Op Exp - Parks & Gardens Operations			6,700.00	2,627.27	39%
0143512 - Medicals - Op Exp - Parks & Gardens Operations			600.00	0.00	0%
0143520 - Loss on Sale of Assets - Op Exp - Parks & Gardens Operations			68,943.00	0.00	0%
0143521 - PWOH Parks Allocated - Op Exp - Parks & Gardens Operations			-3,573,742.63	-1,151,729.63	32%
0143523 - Superannuation Employee Expense - P & G Management			53,482.00	17,412.45	33%
0143526 - Superannuation Employee Expense - P&G Ops			304,067.00	82,794.95	27%
0143585 - Phone Exps - P & G			6,000.00	1,759.56	29%
0143801 - Vehicle & Plant Exps - P & G Ops			0.00	26,875.42	100%
1472296 - Fixed Asset Dep'n - Op Exp - Parks & Gardens			23,641.00	7,547.52	32%
1472297 - Admin Cost Allocated - P & G			342,492.00	96,213.25	28%
1472298 - IT/Records Costs Allocated - P & G			143,556.00	51,968.94	36%
Sub Total To Programme Summary	\$0.00	\$0.00	-\$1,721,555.06	-\$499,736.68	
Operating Income					
0143382 - Apprentice/ Traineeship Subsidy - Op Inc - Parks & Gardens Operations	0.00	2,000.00			100%
0143518 - Profit on Sale of Assets - Op Inc - Parks & Gardens Operations	43,040.00	0.00			0%
Sub Total To Programme Summary	\$43,040.00	\$2,000.00	\$0.00	\$0.00	
Capital Expenditure					
0143610 - Vehicle & Plant Renewal(Replacement) - Cap Exp - P&G Operations			631,000.00	25,340.00	4%
0143621 - Vehicle & Plant New - Cap Exp - P&G Operations			60,000.00	46,780.91	78%
Sub Total To Programme Summary	\$0.00	\$0.00	\$691,000.00	\$72,120.91	
Capital Income					
0143601 - Proceeds from Sale of Assets - Cap Inc - Parks & Gardens Operations	143,727.00	5,000.00			3%
1437940 - Transfer from Plant Reserve - P&G	85,000.00	0.00			0%
Sub Total To Programme Summary	\$228,727.00	\$5,000.00	\$0.00	\$0.00	
Total Parks & Gardens Operations	\$271,767.00	\$7,000.00	-\$1,030,555.06	-\$427,615.77	
Works Operations					
Operating Expenditure					

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0142045 - Staff Meetings Exp - Works Workers			38,450.32	7,651.48	20%
0143050 - Wages & related Sick & Annual Leave Workers Exp - Works Ops			0.00	59,737.71	100%
0143054 - Superannuation Employee Expense - Works Operations			100,386.00	40,948.51	41%
0143055 - Relieving Staff Exp - Works - Gen Admin			43,200.00	0.00	0%
0143080 - Works Protective Clothing - Op Exp - Works Operations			22,400.00	8,075.41	36%
0143290 - Less On Costs Alloc - Op Exp - Works Operations			-1,969,433.67	-576,057.99	29%
0148010 - Salary - Op Exp - Works (Management)			840,665.06	100,097.63	12%
0148015 - Superannuation Employee Expense - Works Management			35,360.00	12,664.97	36%
0148035 - Other Employment Costs - Works Ops			31,057.19	9,172.33	30%
0148281 - Works Training - Op Exp - Works Operations			47,397.88	17,772.99	37%
0148282 - Works Medicals - Op Exp - Works Operations			630.00	0.00	0%
0148283 - Minor Equipment Replacement - Op Exp - Works Operations			6,600.00	3,838.93	58%
0148284 - Sundry Mobile & Sat Phone Exp - Works Ops			7,550.00	2,846.28	38%
0148287 - Workshop Renewal - Fabrication Area - Op Ex			17,387.88	0.00	0%
0148396 - Loss On Sale Of Assets - Op Exp - Works Operations			77,849.00	25,870.58	33%
0148800 - Vehicle & Plant Exps - Works Ops			0.00	21,396.38	100%
1473297 - Admin Cost Allocated - Woks Ops			180,588.00	50,732.60	28%
1473298 - IT/Records Costs Allocated -Works Ops			85,848.00	31,081.31	36%
Sub Total To Programme Summary	\$0.00	\$0.00	-\$434,064.34	-\$184,170.88	
Operating Income					
0148406 - Reimbursements Rec'd No GST - Works Ops - Op Inc	0.00	700.00	100%		
0148499 - Profit On Sale of Assets - Op Inc - Works Operations	23,750.00	0.00	0%		
Sub Total To Programme Summary	\$23,750.00	\$700.00	\$0.00	\$0.00	
Capital Expenditure					
0148611 - Vehicle & Mob Plant Renewal(Replacement) - Cap Exp - Works Ops			906,397.00	196,576.10	22%
0148621 - Vehicle & Mob Plant New - Cap Exp - Works Ops					
Sub Total To Programme Summary	\$0.00	\$0.00	\$906,397.00	\$196,576.10	
Capital Income					
0148395 - Transfer from Plant Reserve - Works Ops	116,000.00	0.00	0%		
0148600 - Proceeds from Sale of Assets - Cap Inc - Works Operations	234,182.00	49,090.91	21%		

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Particulars	Income		Expenditure	
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual
Sub Total To Programme Summary	\$350,182.00	\$49,090.91	\$0.00	\$0.00
Total Works Operations	\$373,932.00	\$49,790.91	\$472,332.66	\$12,405.22
Depot Operations				
Operating Expenditure				
0000800 - Oils & Lubricants - Op Exp - Depot Operations			22,400.00	3,206.56 14%
0148025 - Staff Meetings & Office Duties Exp - Depot Operations			180,348.63	70,086.54 39%
0148050 - Default Wages Sick & Annual Leave Mechanics Exp - Depot			0.00	8,508.55 100%
0148051 - Superannuation Employee Expense - Depot Staff			46,774.00	5,606.31 12%
0148060 - Relief Staff Op Exp - Depot Ops			3,500.00	6,183.75 177%
0148070 - Salary - Op Exp - Depot (Management)			79,716.00	36,545.79 46%
0148071 - Superannuation Employee Expense - Depot				
0148078 - Minor Assets - Op Exp - Depot Operations			7,800.00	4,020.36 52%
0148100 - Depot Building & Grounds Op Exps - Depot Operations			205,761.63	61,977.81 30%
0148271 - Workshop Consumables Exp - Depot			11,500.00	5,459.50 47%
0148279 - Apprentice Training - Op Exp - Depot Operations			2,500.00	14,243.51 570%
0148291 - Consumables - Op Exp - Depot Operations			19,200.00	7,450.44 39%
0148292 - Tool Replacement - Op Exp - Depot Operations			13,200.00	1,328.51 10%
0148293 - Safety Equip - Op Exp - Depot Operations			24,200.00	12,629.39 52%
0148297 - Roadwork Signs - Op Exp - Depot Operations			22,000.00	9,104.83 41%
0148298 - Depot Training - Op Exp - Depot Operations			13,090.51	1,051.44 8%
0148299 - Insurances - Op Exp - Depot Operations			0.00	116.07 100%
0148301 - Depot Overheads Alloc - Op Exp - Depot Operations			0.00	-111,034.60 100%
0148305 - IT Costs Alloc - Depot Ops			53,556.00	19,386.73 36%
0148630 - Admin Costs Alloc - Op Exp - Depot Operations			59,268.00	16,650.15 28%
0148696 - Loss on Sale of Assets - Op Exp - Depot Operations				
0148801 - Vehicle & Plant Exps - Depot Ops			0.00	13,966.03 100%
0149028 - Workshop Cleaning & Other Operational Exps - Op Exp			30,760.83	4,046.67 13%
0149225 - Depot Sundry Exp - Depot Ops			1,400.00	514.36 37%
1474206 - Other Employment Costs - Depot Staff			9,144.00	3,336.24 36%
1474296 - Fixed Asset Depn - Op Exp - Depot			33,228.00	11,106.09 33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$839,347.60	\$205,491.03

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Operating Income					
0148602 - Apprentice Subsidy/Grants/Contributions - Op Inc - Depot Ops					
0148605 - Reimb & Sundry Income Rec'd - Op Inc - Depot Operations	0.00	6,774.40	100%		
0148606 - Reimbursements Rec'd W. Comp & Sundry No GST - Depot Ops - Op Inc					
Sub Total To Programme Summary	\$0.00	\$6,774.40	\$0.00	\$0.00	
Capital Expenditure					
0148003 - Depot Building Const Renewal - Cap Exp - Depot Operations			4,000.00	0.00	0%
0148008 - Transfer to Furniture & Equipment Reserve - Cap Exp					
0148290 - Plant Equip & Tools Over \$5000 - Depot (Excluding Vehicles)			0.00	1,051.46	100%
Sub Total To Programme Summary	\$0.00	\$0.00	\$4,000.00	\$1,051.46	
Capital Income					
0148608 - Transfer from Leave Reserve - Depot Operations					
0148613 - Transfer From Restricted Cash Reserve - Cap Inc - Depot Operations					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Depot Operations	\$0.00	\$6,774.40	\$843,347.60	\$206,542.49	
Plant Operation					
Operating Expenditure					
0145101 - Plant Repair Wages - Op Exp - Plant Operation			905,933.96	240,265.62	27%
0145102 - Plant Tyres & Tubes - Op Exp - Plant Operation			70,000.00	22,622.50	32%
0145103 - Plant Parts & Repairs - Op Exp - Plant Operation			294,553.00	159,773.98	54%
0145104 - Plant Insurance & Licences - Op Exp - Plant Operation			60,269.00	58,348.58	97%
0145105 - Plant Fuel & Oil - Op Exp - Plant Operation			373,957.00	112,213.64	30%
0145106 - Plant Depreciation - Op Exp - Plant Operation			729,937.00	206,087.76	28%
0145290 - Plant Operation Costs Allocated - Op Exp - Plant Operation			-1,194,012.15	-565,047.35	47%
0145291 - Plant Dep'n Op Alloc (Credits) - Op Exp - Plant Operation			-443,988.18	-182,400.60	41%
Sub Total To Programme Summary	\$0.00	\$0.00	\$796,649.63	\$51,864.13	
Total Plant Operation	\$0.00	\$0.00	\$796,649.63	\$51,864.13	
Salaries & Wages					
Operating Expenditure					

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0146010 - Salaries & Wages For Year - Op Exp - Salaries & Wages			0.00	4,662,468.65	100%
0146200 - Salaries & Wages Allocated - Op Exp - Salaries & Wages			0.00	-4,662,468.65	100%
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Salaries & Wages	\$0.00	\$0.00	\$0.00	\$0.00	
Corporate Governance & Support					
Operating Expenditure					
0141800 - Vehicle & Plant Exps - Gen Admin			0.00	2,084.84	100%
0141801 - Vehicle Running Exps - Property Management			0.00	2,898.07	100%
0142000 - Shire Admin Building Haas St Op Exp - Gen Admin			514,778.48	168,410.21	33%
0142002 - Salary - Op Exp - Corp Serv Directorate			172,975.92	61,910.12	36%
0142003 - Superannuation Employee Expense - Corp Service Directorate			26,806.00	5,881.47	22%
0142004 - Salary - Op Exp - Finance			945,148.00	304,715.20	32%
0142005 - Superannuation Employee Expense - Finance			134,758.00	45,288.46	34%
0142006 - Salary - Op Exp - Human Resources			305,031.41	86,994.61	29%
0142007 - Superannuation Employee Expense - HR			28,834.00	10,292.66	36%
0142008 - Relieving Staff Exp - HR			0.00	11,052.85	100%
0142010 - Salary - Op Exp - Gen Admin			507,601.96	183,021.89	36%
0142011 - Superannuation Employee Expense - General Admin			52,806.00	22,854.69	43%
0142012 - Relieving Staff Exp - DCS - Gen Admin			7,000.00	0.00	0%
0142013 - Salary - Op Exp - Property Management			305,532.26	112,748.09	37%
0142015 - All Employee Centrelink Paid Parental Leave - Op Exp - Gen Admin			0.00	8,887.20	100%
O'Heads					
0142016 - Superannuation Employee Expense - Property Management			28,730.00	10,737.95	37%
0142020 - Other Employment Costs - Corp Serv Directorate			13,802.00	1,797.72	13%
0142025 - Other Employment Costs - General Admin			20,841.00	4,412.05	21%
0142027 - Other Employment Costs - Property Management			7,768.00	2,610.62	34%
0142034 - Other Employment Costs - Finance			29,434.00	6,844.48	23%
0142037 - Other Employment Costs - Human Resources			9,631.00	2,491.92	26%
0142040 - All Ex Employee LSL & Other Exps (From any work area) - Gen Admin			0.00	24,383.20	100%
0142042 - Performance Based Rewards - Gen Admin			27,000.00	13,623.14	50%
0142043 - Organisational Training - General			234,000.01	60,826.04	26%

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0142044 - Uniform - Op Exp - General Admin O'Heads			22,000.00	4,841.95	22%
0142046 - Recruitment Expenses - Op Exp - General Admin O'Heads			120,000.00	14,378.35	12%
0142048 - HRM Consultancy - Op Exp			20,000.00	0.00	0%
0142049 - Employee Assistance Programme - Op Exp			9,000.00	5,500.00	61%
0142050 - Shire Office Barker St - Op Exps - Corp Gov Support			49,408.27	25,432.97	51%
0142060 - IT Costs Allocated - Op Exp - General Administration O'Heads			347,712.00	125,888.65	36%
0142070 - Printing & Stationery - Op Exp - General Admin O'Heads			17,000.00	5,594.88	33%
0142090 - Postage & Freight - Op Exp - General Administration O'Heads			25,000.00	9,835.00	39%
0142100 - Advertising - Op Exp - General Administration O'Heads			3,000.00	-11.70	0%
0142111 - Minor Asset Purchases - Op Exp - General Administration O'Heads			10,000.00	3,231.83	32%
0142112 - Sundry Exp Corp Serv - Op Exp - General Administration O'Heads					
0142120 - Bank Charges with GST Only - Op Exp - General Administration O'Heads			50,000.00	27,754.79	56%
0142121 - Bank Charges - No GST - Op Exp - General Administration O'Heads			600.00	79.69	13%
0142160 - Other Office Expenses - Op Exp - General Administration O'Heads			7,000.00	1,995.85	29%
0142184 - Gifts & Miscellaneous Employee Op Exp - Corp Gov			1,000.00	181.82	18%
0142191 - Relocation & Removal Costs - All Staff - Op Exp - Corp Gov			30,000.00	1,601.98	5%
0142193 - Relief Staff - Op Exp - Finance - Corp. Gov. & Support					
0142230 - Legal Corp Serv - Op Exp - Corp Gov & Support (legal recovery opinc see 142391)					
0142231 - Consultants Corp Serv - Op Exp - Corp Gov Support			61,500.00	4,392.85	7%
0142232 - LGIS Insurance Funded Expenses (Inc in 142393) - Op Exp - Corp Gov			204,640.00	9,162.50	4%
0142233 - Consultants Administration Dept - Op Exp - Corp Gov Support			7,600.00	1,640.00	22%
0142260 - Insurance - Op Exp - General Administration O'Heads			200,651.00	489,149.24	244%
0142261 - Occupation Health & Safety - Op Exp - General Admin O'Heads			15,000.00	5,865.45	39%
0142273 - HR Staff Printing & Stationery and Other Exp - Op Exp - General Admin O'Heads			2,850.01	1,939.44	68%
0142281 - Refund Overpayments - Op Exp - General Admin (Clearing)			1,000.00	0.00	0%
0142296 - Loss on Asset Disposal - Gen Admin			3,491.00	2,011.45	58%
0142298 - Dep'n Exp Plant & Equip Op Exp - Corp Gov & Support			7,818.00	2,613.20	33%

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0142299 - Dep'cn Furniture & Fittings - Op Exp-Corp Gov & Support			51,555.00	2,441.59	5%
0142300 - Accrued Leave Expense					
0142305 - Doubtful Debt Expenses - Op Exp - General Administration O'Heads					
0142548 - Local Number Plate Purchases - Op Exp - General Administration O'Heads			1,800.00	600.00	33%
0142999 - Less Cost Alloc - Op Exp - General Administration O'Heads			-3,977,784.00	-1,117,459.34	28%
0144027 - Property Dept Legal Expenses - Op Exp - Property Dep't (see legal recovery opinc 142995)			15,000.00	11,721.18	78%
1441244 - Drug & Alcohol Testing - General			4,000.00	0.00	0%
1477296 - Fixed Asset Depn - Op Exp - Corporate Governance			334,790.00	117,166.26	35%
Sub Total To Programme Summary	\$0.00	\$0.00	\$1,018,109.32	\$912,317.36	
Operating Income					
0142212 - Interest Rec on Muni Investment - Op Inc - General Administration O'Heads	342,563.00	21,675.23	6%		
0142390 - Reimb Bonuses Rebates & Sundry Income Inc GST - Op Inc - General Admin O'Heads	0.00	1,692.77	100%		
0142393 - LGIS Insurance Bonus & Funding (Exp in 142232) - Op Inc - Corp Gov	25,000.00	33,462.31	134%		
0142394 - Legal Employee Leave & Other No GST Reimb from Others Op Inc - Corp Gov	0.00	16,883.10	100%		
0142395 - All Employee Paid Parental Leave Reimb - Op Inc - Gen Admin O'Heads	0.00	10,368.40	100%		
0142440 - Sales Information Of Records (i.e. FOI) - Op Inc - General Administration O'Heads	90.00	212.00	236%		
0142441 - Photocopying & Sundries + GST - Op Inc - General Administration O'Heads	4.00	0.00	0%		
0142446 - Barker St Rent and Recoup Income - Op Inc - Corporate Gov. & Support	102,000.00	41,883.35	41%		
0142471 - Commission - DFES / FESA ESL Levy collection	7,000.00	7,090.00	101%		
0142481 - HR Operating Grants Rec'd - Op Inc - Gen Admin					
0142500 - Local Number Plate Sales Op Inc - Gen Admin	2,618.00	872.73	33%		
0142791 - Interest Rec Building Reserve - Op Inc - General Administration O'Heads	43,637.00	598.44	1%		
0142995 - Reimbursement Property Dept Legal Fee - Op Inc - Corp Gov & Supp (Legal opex refer 144027)	5,000.00	0.00	0%		
0142997 - Interest Rec Leave Reserve - Op Inc - General Administration O'Heads	38,700.00	237.62	1%		
Sub Total To Programme Summary	\$566,612.00	\$134,975.95	\$0.00	\$0.00	
Capital Expenditure					
0141790 - Transfer to Building Reserve - Cap Exp - General Administration O'Heads			341,004.00	598.44	0%

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0141997 - Transfer to Leave Reserve - Cap Exp - Corp Gov & Support			38,700.00	237.62	1%
0142551 - Vehicle & Mob Plant Renewal (Replacement) - Cap Exp - Gen Admin			82,000.00	23,793.68	29%
0142558 - Shire Office Build Haas St Renewal - Cap Exp - Corp Gov			131,133.00	3,032.73	2%
0147372 - Shire Office Barker St - Building Renewal - Cap Exp - Corp Gov Support			10,000.00	0.00	0%
Sub Total To Programme Summary	\$0.00	\$0.00	\$602,837.00	\$27,662.47	
Capital Income					
0142320 - Transfer From Leave Reserve Corp Gov & Support					
0142794 - Transfer From Plant Reserve - Corp Gov & Support	10,000.00	0.00			0%
0142951 - Proceeds from Sale of Assets - Cap Inc - General Administration	41,000.00	7,363.64			18%
Sub Total To Programme Summary	\$51,000.00	\$7,363.64	\$0.00	\$0.00	
Total Corporate Governance & Support	\$617,612.00	\$142,339.59	\$1,620,946.32	\$939,979.83	
IT and Records Operations					
Operating Expenditure					
0142075 - Records Management Exps - IT			1,000.00	90.00	9%
0146102 - License Maint and Support - IT Exp			594,300.00	243,704.04	41%
0146104 - Equip Maint & Supplies - IT Exp - OP Exp			88,979.00	55,164.47	62%
0146105 - Salary - Op Exp - IT			329,980.50	91,665.30	28%
0146106 - Salary - Op Exp - Records			250,190.35	66,443.51	27%
0146108 - Superannuation Employee Expense - IT			34,554.00	11,104.85	32%
0146109 - Software<\$5000 - IT Exp			10,000.00	6,436.99	64%
0146110 - Minor Assets<\$5000 - IT Exp			150,000.00	685.00	0%
0146111 - IT Contract Consultants - Exp			250,000.00	17,635.48	7%
0146113 - Superannuation Employee Expense - Records			28,470.00	7,163.97	25%
0146117 - Other Employment Costs - IT			17,394.00	2,684.20	15%
0146121 - Other Employment Costs - Records			8,755.00	2,087.97	24%
0146159 - Less Op Costs Alloc - IT			-1,727,436.00	-625,378.39	36%
0146199 - Fixed Asset Dep'n - Op Exp - IT			277,169.00	120,629.95	44%
Sub Total To Programme Summary	\$0.00	\$0.00	\$313,355.85	\$117.34	
Operating Income					
0142996 - Interest Rec Equip & Ins Reserve - Op Inc - General Administration O'Heads	11,589.00	117.34			1%
Sub Total To Programme Summary	\$11,589.00	\$117.34	\$0.00	\$0.00	
Capital Expenditure					
0141995 - Transfer to Equip & Insurance Reserve IT Operations Cap Exp			11,589.00	117.34	1%
0146120 - Equip & H'Ware > \$5000 Cap Exp - IT			222,954.00	1,283.00	1%

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0146122 - Software >\$5000 Cap Exp - IT			161,000.00	52,135.26	32%
Sub Total To Programme Summary	\$0.00	\$0.00	\$395,543.00	\$53,535.60	
Capital Income					
0146178 - Grants Received - Non Op Inc - IT & Records Operations					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total It And Records Operations	\$11,589.00	\$117.34	\$708,898.85	\$53,652.94	
Unclassified General					
Operating Expenditure					
0014295 - Insurance Claimable Costs - Unclassified General					
0114301 - Broome Turf Club Building Operating & Maintenance Expenses - Op Exp - Unclassified General			1,000.00	0.00	0%
0114310 - Broome Turf Club Recoupable Expenses (Income in 114401) - Op Exp - Unclassified General			19,814.00	9,878.31	50%
0147103 - Survey & Misc Expenses Leased Properties - Op Exp - Unclassified Gen			30,000.00	7,757.60	26%
0147530 - Admin Costs Alloc - Op Exp - Unclassified General			35,796.00	10,057.13	28%
Sub Total To Programme Summary	\$0.00	\$0.00	\$86,610.00	\$27,693.04	
Operating Income					
0114401 - Turf Club - Rent & Recoup Income - Op Inc	21,521.00	0.00			0%
0147493 - Turf Club - Reserve Point - Op Inc - Unclassified General					
0147585 - Reimbursement of Insurable Claimable Costs - Op Inc - Unclassified General	0.00	1,000.00			100%
0147586 - Reimbursements & Other Income - Op Inc - Unclassified General	7,000.00	0.00			0%
Sub Total To Programme Summary	\$28,521.00	\$1,000.00	\$0.00	\$0.00	
Capital Expenditure					
0147100 - Building Capital > \$5k - Cap Exp - Unclassified General			71,574.00	68,275.22	95%
Sub Total To Programme Summary	\$0.00	\$0.00	\$71,574.00	\$68,275.22	
Capital Income					
0147510 - Transfer From Building Reserve - Unclassified)					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Unclassified General	\$28,521.00	\$1,000.00	\$158,184.00	\$95,968.26	

Other Buildings Leased - Unclassified

Operating Expenditure

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0112051 - Town Beach Kiosk Building Op			12,059.00	2,349.90	19%
Exp - Other Buildings Leased					
0132000 - Office Bagot St - Op Exp -			8,917.00	3,886.64	44%
Tourism & Area Promotion					
0147030 - Admin Costs Alloc - Op Exp -			23,076.00	6,481.27	28%
Other Buildings Leased - Unclassified					
0147409 - Cable Beach Restaurant Facilities			500.00	0.00	0%
(Zanders) Build Maint & Operating - Op					
Exp-Other Build Leased					
0147482 - Old Broome Lock Up - Op Exp -			7,149.00	2,474.37	35%
Other Buildings Leased					
0147862 - Sam Male Lugger - Op Exp-			3,149.00	323.57	10%
Other Build Leased					
1480296 - Fixed Asset Depn - Op Exp -			70,754.00	23,648.91	33%
Other Buildings Leased					
Sub Total To Programme Summary	\$0.00	\$0.00	\$125,604.00	\$39,164.66	
Operating Income					
0112483 - Town Beach Cafe - Rent &	57,500.00	21,816.65			38%
Recoup Income - Op Inc					
0146408 - Zanders - Rent & Recoup Income	38,301.00	22,453.40			59%
- Op Inc					
0147181 - Office Bagot St (Magabala Books)	56,905.00	20,833.30			37%
- Rent & Recoup Income - Op Inc					
0147491 - Old Broome Lock Up - Rent &	18,166.00	4,446.00			24%
Recoup Income - Op Inc					
0147492 - Broome Last Resort Carpark	12,500.00	0.00			0%
(Reserve 34305) - Rent & Recoup Income -					
Op Inc					
0147502 - Comms Tower Crown Castle	28,897.00	10,904.45			38%
BRAC (Reserve 39420) - Rent & Recoup					
Income - Op Inc					
0147865 - Sam Male Lugger - Op Inc -	17,000.00	6,250.00			37%
Other Build Leased					
Sub Total To Programme Summary	\$229,269.00	\$86,703.80	\$0.00	\$0.00	
Total Other Buildings Leased - Unclassified	\$229,269.00	\$86,703.80	\$125,604.00	\$39,164.66	
Community Facilities Leased - Unclassified					
Operating Expenditure					
0114201 - Broome Speedway Club Maint &			1,000.00	0.00	0%
Operating Expenses - Op Exp - Community					
Facilities Leased					
0114601 - Naval Cadets Building Maint &			1,570.00	141.26	9%
Operating Expenses - Op Exp - Community					
Facilities Leased					
0146020 - Child Care Centre Cnr Guy &			22,339.00	3,754.04	17%
Herb Sts - Op Exp - Comm Fac Leasd					
0146030 - Broome Golf Club Maint &			8,678.00	4,326.63	50%
Operating Expenses - Op Exp - Community					
Facilities Leased					
0146040 - Broome Pistol Club Maint &			3,573.00	1,781.17	50%
Operating Expenses - Op Exp - Community					
Facilities Leased					

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	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
0146050 - 4 Jones Place Maint & Operating Expenses - Op Exp - Comm Fac Leased			7,892.00	2,062.24	26%
0146091 - Scout & Guide Shed Maint & Operating Exps - Op Exp - Com Fac Leased			320.00	0.00	0%
0146297 - Dep'n - Land & Buildings - Community Facilities Leased			103,533.00	34,604.70	33%
0146670 - Bowling Club Maint & Operating Expenses - Op Exp - Community Facilities Leased			8,611.00	3,968.02	46%
0147131 - Admin Costs Alloc - Op Exp - Communities Facilities Leased - Unclassified			21,084.00	5,922.53	28%
0149420 - BOSCCA - Building Maint Ins & Op Exps - Community Facilities Leased			8,048.00	1,893.78	24%
1481296 - Fixed Asset Dep'n - Op Exp - Commercial Facilities Leased			207,355.00	69,328.90	33%
Sub Total To Programme Summary	\$0.00	\$0.00	\$394,003.00	\$127,783.27	
Operating Income					
0147496 - Mulberry Tree Child Care - Rent & Recoup Income - Op Inc	91,322.24	28,854.25			32%
0149408 - Rent & Recoup Income - Op Inc - Community Facilities Leased	22,000.00	0.00			0%
0149410 - BOSCCA - Rent & Recoup Income - Op Inc	32,875.00	10,656.05			32%
0149450 - 4 Jones Place - Reent & Recoup Income - Op Inc	5,776.00	0.00			0%
Sub Total To Programme Summary	\$151,973.24	\$39,510.30	\$0.00	\$0.00	
Capital Expenditure					
0146651 - Child Care Ctr cnr Guy & Herbert Fixed Furn & Equip New - Cap Exp - Community Facilities Leased			4,000.00	0.00	0%
0146662 - BOSCCA Building Renewal (Inc Plant & Furn) - Cap Exp - Com Fac Leased			4,000.00	0.00	0%
0146699 - Broome Golf Club Renewal Building Wks- Other Build Leased - Cap Exp					
Sub Total To Programme Summary	\$0.00	\$0.00	\$8,000.00	\$0.00	
Capital Income					
0146555 - Transfer From Building Reserve Leased Comm Facilities - Un Clas					
Sub Total To Programme Summary	\$0.00	\$0.00	\$0.00	\$0.00	
Total Community Facilities Leased - Unclassified	\$151,973.24	\$39,510.30	\$402,003.00	\$127,783.27	
Office Properties Leased - Unclassified					
Operating Expenditure					
0147270 - Kimberley Regional Offices - Op Exp - Office Properties Leased			485,989.10	178,302.65	37%
0147280 - Shire Office Cable Beach Rd - Op Exp - Office Properties Leased			32,045.33	795.35	2%
0147330 - Admin Costs Alloc - Op Exp - Office Properties Leased - Unclassified			128,484.00	36,093.94	28%
1482296 - Fixed Asset Dep'n - Op Exp - Office Properties Leased			135,042.00	33,579.00	25%

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Particulars	Income		Expenditure		
	Current Year Estimated	Current Year Actual	Current Year Estimated	Current Year Actual	
Sub Total To Programme Summary	\$0.00	\$0.00	\$781,560.43	\$248,770.94	
Operating Income					
0147463 - Far North Community Services Tenancy 567 - KRO2 - Rent & Recoup Income - Op Inc	63,421.00	26,164.35	41%		
0147464 - Anglicare Tenancy 23 - KRO2 - Rent & Recoup Income - Op Inc	150,747.00	63,627.95	42%		
0147466 - Save the Children Australia KRO2 Rent Rec'd - Op Inc - Office Prop Leased	0.00	630.86	100%		
0147467 - Main Roads WA Tenancy 9 - KRO1 - Rent & Recoup Income - Op Inc	42,207.00	17,412.50	41%		
0147472 - BEC - Rent & Recoup Income - Op Inc	20,796.00	7,985.35	38%		
0147483 - Dept of Housing Tenancy 11 - KRO1 - Rent & Recoup Income - Op Inc	260,000.00	99,898.26	38%		
0147485 - Dep Corrective Services - KRO2 (Tenancy 4)- Rent & Recoup Income - Op Inc	95,000.00	65,225.23	69%		
0147487 - WA Police Tenancy 10 - KRO1 - Rent & Recoup Income - Op Inc					
0147489 - User Charges KRO Outgoings - Op Inc - Office Properties Leased	452,000.00	166,533.69	37%		
Sub Total To Programme Summary	\$1,084,171.00	\$447,478.19	\$0.00	\$0.00	
Capital Expenditure					
0147357 - KRO Garden Renewal Infra Const - Cap Exp - Office Properties Leased					
0147374 - KRO1 Building Renewal - Cap Exp - Office Prop Leased			248,565.00	103,035.27	41%
0147375 - KRO2 Building Renewal - Cap Exp - Office Prop Leased			552,782.00	335,216.80	61%
Sub Total To Programme Summary	\$0.00	\$0.00	\$801,347.00	\$438,252.07	
Capital Income					
0147355 - Transfer From Building Reserve Leased Offices Un Clas	801,347.00	0.00	0%		
Sub Total To Programme Summary	\$801,347.00	\$0.00	\$0.00	\$0.00	
Total Office Properties Leased - Unclassified	\$1,885,518.00	\$447,478.19	\$1,582,907.43	\$687,023.01	
TOTAL OTHER PROPERTY AND SERVICES	\$3,746,861.24	\$797,770.43	\$6,958,311.11	\$1,992,823.79	

10.

**REPORTS
OF
COMMITTEES**

There are no reports in this section.

11. NOTICES OF MOTION

11.1 COMMUNITY SAFETY PLANS (CR FIONA WEST)

The following Notice of Motion was submitted by Cr F West as per the Shire of Broome Standing Orders Local Law - 3.10 – Motions of which Previous Notice has been Given:

COUNCILLOR MOTION

That Council:

1. *Requests that the Chief Executive Officer direct the appropriate staff to prepare a report, including recommendations, on the following:*
 - a) *updated progress against recommendations made in the Community Safety Plan;*
 - b) *exploring the Shire creating a subsidy scheme to assist residents to install or improve home security; and*
 - c) *the Shire seeking external funding for the above Scheme using grants available through the WA Police Force or any other appropriate sources.*
2. *Requests that the Chief Executive Officer tables the report, including any recommendations at the next Ordinary Council Meeting.*

COUNCILLOR COMMENT / BACKGROUND

- There is a high level of concern in the Broome community about the levels of crime in residential areas, particularly the forced entry in to houses.
- There are a number of steps that residents can take to reduce the likely success of forced entry, however the high cost is a barrier to many local residents.
- Other Shires in Western Australia provide a subsidy to residents to improve the security in and around their home.
- There is some urgency to this research, because there may be funding opportunities that may no longer be available if too much time expires."

OFFICER COMMENT

The following response was provided as per the Shire of Broome Standing Orders Local Law - 3.10(4)(c):

3.10 (4) The CEO –

.....

- (c) *may under his or her name provide relevant and material facts and circumstances pertaining to the notice of motion on such matters as policy, budget and law.***

The Shire of Broome Community Safety Plan 2016 – 2019 (Safety Plan) is part of a suite of informing strategic documents which fall under the Shire's Corporate Business Plan 2019 – 2023 (CBP). The Shire's commitment to the ongoing delivery of identified community safety priorities is recognised within the CBP (Action 1.2.1.5).

The Safety Plan was developed in 2015, and guides the actions undertaken by the Shire of Broome in partnership with agencies and the community to reduce the risk of crime and anti-social behaviour and improve community perceptions of safety. It was informed through the involvement of key stakeholders, and issues which were highlighted in the

Broome 2040 community consultation and the 2015 Community Perceptions Survey. The plan encapsulated actions and strategies which have involvement of the Shire – be it to implement, facilitate, advocate or support in partnership with other community agencies and service providers.

The Shire has taken a proactive approach to delivering actions contained within the plan, though the allocation of subsidies towards home surveillance systems was not highlighted within the current Community Safety Plan or through engagement to date, however officers note that other local governments have delivered this initiative. Significant progress has been made by the Shire in the following areas:

- spearheading the implementation of liquor restrictions in Broome to address alcohol related harm and anti-social behaviour;
- support and advocate for the ongoing delivery of Kullarri Patrol services through the Broome townsite;
- work with local service providers to identify and promote diversionary activities during periods where criminal activity peaks, including after hours and during school holidays;
- sourcing of grant funding to supplement Shire funds to deliver better outcomes for the community.

The Shire's success in obtaining grants has been highlighted by the allocation of \$504,740 over three years through the Federal Safer Communities Grant program. This has allowed the Shire to expand its CCTV network and improve street lighting in areas identified through collaboration with the WA Police. These works are continuing however positive feedback has been received by WA Police and the Shire's Community Clean Up Crew regarding a reduction of antisocial behaviour and associated litter in the vicinity of the Anne Street CCTV camera already installed. A streetlight audit has been completed to inform further areas requiring upgrading.

Officers are currently progressing with the following priorities in regard to Community Safety:

1. Procurement of a Takeaway Alcohol Management System (TAMS) to support the introduction of Liquor Restrictions through the Broome Liquor Accord

The advertising period for a Request for Tender (RFT) for the procurement of a TAMS has recently closed, and officers are currently assessing applications and completing due diligence. This work is to be finalised and a report submitted for Council consideration at the December OMC with the view of appointing a preferred contractor to roll out the system early in the new year. Officers have been supporting the Kimberley Zone Project Officer to seek State funding towards the initiative and additional support for the development of communications materials and the appointment of an independent research body to monitor the success of the trial liquor restrictions. These efforts are ongoing, and officers have begun to compile information for the communication materials.

2. Development of a Major Funding Application to Safer Communities Round 5

Officers are currently completing a further Safer Communities application (due by the start of December as part of Round 5) to seek up to \$1,000,000 from the Commonwealth and are working with WA Police on locations for the installation of additional CCTV cameras and streetlighting for inclusion. The application requires the compilation of supporting information, quotations and evidence to justify the proposed infrastructure.

3. Review of the Community Safety Plan 2016 – 2019

The Shire has also commenced a review of the Community Safety Plan 2016 – 2019, which will result in the development of a new plan to guide the Shire in coming years. Officers have begun this review with targeted engagement as part of 11 community picnics. A desktop audit has also been undertaken. The next phase is to deliver a community survey in the new year, prior to finalising themes and actions in a new plan for consideration by Council.

Chief Executive Officer Response to Notice of Motion

Officers acknowledge that there is a heightened level of concern throughout the community regarding crime and community safety. To this end, the Shire has continued to forge ahead with pursuing projects which have the potential of delivering significant outcomes for Broome. These major projects include:

- Working with the Broome Liquor Accord and Kimberley Regional Group to drive the introduction of liquor restrictions in Broome
- Actively pursuing major grant opportunities to deliver CCTV and lighting improvements through grant programs such as Safer Communities; which has yielded successes including over \$500,000 in funding for infrastructure
- Advocating and engaging with the State Government on issues including juvenile justice, alcohol management and homelessness – key issues highlighted by ongoing engagement with the community and stakeholders.

In the last two months the Chief Executive Officer and Deputy President have met with the Broome's Officer in Charge and more recently the Chief Executive Officer met with the Commissioner of Police, Kimberley District Superintendent and Director General to the Premier's Office outlining many of these issues.

For reporting purposes, Council is provided a monthly update on progress of implementation of the Community Safety Plan through the Councillor Information Bulletin and more detailed information has and can be provided through the monthly Council major projects update as part of Council workshops.

As outlined in the summary above, there are three key projects currently being delivered in relation to Community Safety with pressing due dates prior to the December Council meeting. Any diversion of resources away from these activities may impact intended deliverables negatively.

The Shire has made significant progress on key priorities identified in the current Community Safety Plan through focusing efforts and resources. The review of this plan is currently underway and will allow the development of a further set of priorities for the Shire to pursue in response to community and stakeholder feedback regarding current issues and concerns. It is recommended this initiative be tabled through this process.

COUNCILLOR MOTION:

Moved: Cr F West

Seconded: Cr N Wevers

That Council:

1. ***Requests that the Chief Executive Officer direct the appropriate staff to prepare a report, including recommendations, on the following:***
 - a) ***updated progress against recommendations made in the Community Safety Plan;***
 - b) ***exploring the Shire creating a subsidy scheme to assist residents to install or***

improve home security; and

c) the Shire seeking external funding for the above scheme using grants available through the WA Police Force or any other appropriate sources.

- 2. *Requests that the Chief Executive Officer tables the report, including any recommendations, at the next Ordinary Council Meeting***

MOTION LOST 3/4

Attachments

Nil

12. BUSINESS OF AN URGENT NATURE

12.1 MINUTES OF THE AUDIT AND RISK COMMITTEE MEETING HELD 18 NOVEMBER 2019

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	FRE02
AUTHOR:	Manager Financial Services
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	19 November 2019

SUMMARY: This report presents to Council the outcomes of the Audit and Risk Committee's meeting held 18 November 2019 and seeks adoption of the recommendations pertaining to the 2019 Financial Management Review, Quarter 1 Finance and Costing Review (FACR) 2019-20 and the Risk Management Biannual Update Report.

BACKGROUND

Previous Considerations

2019 Financial Management Review

OMC 26 May 2016 – Item 10.3

The *Local Government (Financial Management) Regulations 1996* (the Regulations) prescribe the requirement for an extensive review of a local government's financial management systems and processes. It requires the Chief Executive Officer (CEO) to undertake reviews of the appropriateness and effectiveness of the financial management systems and procedures of the local government regularly (and not less than once in every 3 financial years) and report to the local government the results of those reviews. In June 2019 the CEO engaged auditor AMD Chartered Accountants to conduct a comprehensive review.

The objective of the engagement was to test the financial management system of the Shire of Broome and receive a report on the appropriateness and effectiveness of the control environment within, as required by regulation 5(2)(c).

This report summarises the factual findings and observations of the review examination and includes recommendations from the auditors that are considered appropriate for the Shire to improve any weaknesses in systems and controls.

1st Quarter Finance and Costing Review 2019-20

OMC 27 June 2019 Item 9.4.2
OMC 17 October 2019 Item 12.1

The Shire of Broome has carried out its 1st Quarter Finance and Costing Review (FACR) for the 2019/20 Financial Year. This Review of the 2019/20 Annual Budget is based on actuals

and commitments for the first 3 months of the year from 1 July 2019 to 30 September 2019, and forecasts for the remainder of the financial year.

This process aims to highlight over and under expenditure of funds and over and under achievement of income targets for the benefit of Executive and Responsible Officers to ensure good fiscal management of their projects and programs.

Once this process is completed, a report is compiled identifying budgets requiring amendments to be adopted by Council. Additionally, a summary provides the financial impact of all proposed budget amendments to the Shire of Broome's adopted end-of-year forecast, to assist Council to make an informed decision.

It should be noted that the 2019/20 annual budget was adopted at the Ordinary Meeting of Council on 27 June 2019 as a balanced budget. There have been further amendments adopted by Council as part of the Annual Financial Statements for the use of additional carried forward surplus. The result of all amendments prior to the first quarter FACR is a nil impact upon the Shire of Broome's forecast end of year position.

Risk Management Biannual Update Report

Audit Regulation 17 came into effect in 2013.

It requires the Chief Executive Officer to review the appropriateness and effectiveness of a local government's systems and procedures in relation to:

- (a) risk management;
- (b) internal control; and
- (c) legislative compliance.

The Risk Profiles Register developed by Local Government Insurance Services (LGIS) were designed to allow local governments to be compliant with Audit Reg 17.

However, the long-term appropriateness of this tool has recently been questioned as the use of risk profiles creates a siloed approach to risk management that has the potential to cause:

- risk events to not be identified or managed;
- significant duplication;
- significant control gaps and lack of assurance.

Put another way, the risk profiles demonstrate that the Shire is doing risk management rather than managing risk.

COMMENT

2019 Financial Management Review

The financial management systems review covered the period 1 July 2018 to 30 June 2019 and considered the following financial systems and procedures of Council:

- Proper collection of all money owing to the Shire;
- Safe custody and security of all money collected or held by the Shire;
- Proper maintenance and security of the financial records of the Shire;
- Proper accounting for municipal or trust;

- Proper authorisation for the incurring of liabilities and the making of payments;
- Maintenance of payroll, stock control and costing records; and
- Preparation of budgets, budget reviews, accounts and reports required by the *Local Government Act 1995* (the Act) or the regulations.

The auditors did not necessarily examine compliance with provisions of the Act or Regulations, which were not financial in nature.

It should be noted that this examination was not an assurance engagement, audit or review in accordance with the Framework for Assurance Engagements, Australian Auditing Standards, Auditing Standards on Review Engagements or Standards on Assurance Engagements.

The role of expressing assurance on balances rests with the external audit function and those procedures have been carried out separately from this examination. The final external audit was completed in September 2019 and presented to the Audit and Risk Committee (the Committee) on 15 October 2019 and tabled at the October OMC.

The objective of the FMR was to examine the appropriateness and effectiveness of the financial management systems and procedures of the Shire on behalf of the CEO, with the report intended solely to assist the CEO prepare their review for presentation to Council as required by r5 (2)(c). It is not intended to express or imply any assurance.

The FMR has taken the form of an agreed procedures engagement in accordance with Australian Auditing Standards.

The audit examination and this report should be considered on this basis.

In reporting the results of the review to the local government, the report summarises exceptions and provides auditor recommendations to address the issues raised.

Officers have noted responses and actions against each recommendation in order to address the specific issues:

Focus Area	Findings	Management Response
Cash count variances	Minor variances identified when completing cash counts during site visits.	The float count was not undertaken on the day of examination. Required procedures needs to be completed prior to the first transaction of the day.
Daily Banking Reconciliation-Library	The daily banking sheet prepared each morning by Library staff as part of the balancing process is not signed by the preparer nor is there evidence of independent review by a Library staff member.	Cash count to be performed in the presence of two staff and will evidence segregation of preparation and review.
Physical Security of Cash	Broome Recreation Aquatic Centre does not utilise Council's engaged security company, and instead complete their own banking. Cash takings and floats are taken home by Waste Management Officers. Monies from the Waste	The security pick-up is a new trial initiative and is not standard operating practice. Management will explore the possibility of extending the security cash pick-up at the Broome Recreation and Aquatic Centre. Waste Management Facility

	Management Facility be provided to the Shire at the end of each week day.	closes at 3:30 and should be able to drop the monies to the Administration Building.
Security of Keys	<p>Suggestions for enhancement to restrictions for plant and vehicle keys at the Depot.</p> <p>Keys cabinet at the Shire Administration Office left unlocked.</p> <p>Keys not stored in the lockable cabinet at the time of inspection.</p>	Management reviewing key security requirements and procedures in line with operational activities.
Information Technology	<p>Consideration be given to further enhancements of the Shire's ICT Framework.</p> <p>Updated Business Continuity Plan.</p> <p>Review of system backup maintenance.</p> <p>Issues were raised in relation to user access requests for access, password management process and the connection of private devices to the network.</p>	<p>Management acknowledged the comments raised and action plans will be implemented as soon as possible.</p> <p>Business Continuity Plan is currently being reviewed.</p> <p>Cloud backup implemented with full backup hosted in data centre in Perth.</p> <p>Access and Password Policy developed and implemented.</p> <p>ICT security practices will be a focus over the next 6 months.</p>
Municipal Bank Reconciliation	At the time of the review there were unresolved reconciling differences within municipal bank reconciliations prepared subsequent to January 2019.	Management review of April bank reconciliation identified items requiring investigation and restatement of prior months reconciliation. Reconciling item resolved at the date of response.
Credit Cards	<p>Independent reviewer to sign off both the consolidated credit card statement and individual card's statement.</p> <p>Cardholders to sign off their own statement.</p> <p>Consistent process when substantiation of expenditure.</p>	<p>Management acknowledges all comments and will implement controls to address the findings.</p> <p>Revised Credit Card procedures have been drafted for approval.</p>
Tenders	<p>Lack of overarching tender checklist and instead completed on a case by case basis.</p> <p>Formal post project review report is not prepared for projects post completion.</p>	<p>Issue due to process not being undertaken following staff turnover. Tender checklist now captured in ProMapp.</p> <p>Electronic tender register to be placed on the Shire's website. Once posted it is proposed that this will be used for all tenders.</p>

Petty Cash	Instances whereby petty cash expenditure did not adhere to the Shire's stated procedures.	Management acknowledges the comments made and will implement controls to address the findings.
Review of Payroll	Recommend a checklist be developed to clearly document the preparation and review process undertaken in relation to payroll.	A payroll review checklist setting out the review procedures implemented and in use since 11 July payday.
Maintenance of payroll, stock control and costing records: Fuel Usage Analysis	Further enhancement to the Shire's fuel usage analysis is recommended.	Management utilises the Plant Costing Report which summarises all costs charged to individual plant items and facilitates review and identification of plant items with unusually high costs. Management will ensure that this report is reviewed and actioned for any notable observations.
Non-Compliance with Regulations	<p>A contract was awarded from a request for quote however the value of the work subsequently performed exceeded the tender threshold.</p> <p>On 3 occasions the advertisements for tenders did not include the contact person at the Shire.</p> <p>Unspent borrowings in the 2018/19 annual budget adopted for 2018/19 had no details of when the borrowing occurred.</p> <p>Details required for waivers or concessions were not included in the annual budget adopted for 2018/19.</p>	<p>Work underway to enter contracts and tenders for supplies that have the potential to exceed purchasing thresholds.</p> <p>Senior Procurement and Risk Officer is now the contact person for all new Tenders.</p> <p>Unspent borrowings in the future will include information on the year in which the money was borrowed.</p> <p>Future budget documents will disclose the details for waivers or concessions not included in the adopted annual budget and, if applicable, the objects and reasons for the discount.</p>
Investment Policy	Consideration be given to specifying the number of quotes required prior to reinvestment of funds to ensure a competitive rate of return is received.	Policy 2.2.3 Investment of Surplus Funds will be updated to formalise the Shire's customary practice of obtaining competitive quotes.
Risk Management Strategies and Procedures	The Shire's Risk Management Strategies and Procedures refers to former and now outdated Australia/New Zealand Guideline ISO 31000:2009.	Framework is currently being updated.

The Quarter 1 FACR commenced on 30 October 2019. The results from this process indicate a deficit forecast financial position to 30 June 2020 of \$187,617 should Council approve the proposed budget amendments.

Officers make every effort to ensure that the net impact of each FACR is as minimal as possible. However, the net deficit forecasted mainly relates to:

- \$160,000 in additional rates due to the omission of 5 properties from the GRV roll provided by Landgate;
- \$106,000 in additional Chinatown project management costs including shade lighting design, and predicted expenses for ongoing Defects Period and Dispute resolution;
- \$70,000 for improvements to Ranger and Health business systems to increase efficiencies and payment methods;
- \$50,000 for the recruitment of a 6-month ICT Project Officer to progress the backlog of ICT projects due to staff vacancies, and assist with business system improvements;
- \$42,000 decrease in actual Federal Assistance Grants (FAGS) received.

The above figure represents a budget forecast should all expenditure and income occur as expected. It does not represent the actual end-of-year position which can only be determined as part of the normal annual financial processes at the end of the financial year.

A comprehensive list of accounts (refer to Attachment 1) has been included for perusal by Council and summarised by Directorate.

A summary of the results follows:

SHIRE OF BROOME SUMMARY REPORT						
BUDGET IMPACT						
	2019/20 Adopted Budget (Inc) / Exp	FACR Q1 Overall (Inc) / Exp	FACR Q1 Org. Exp/ (Org Savings) (by Dept)	FACR Q1 Impact (Inc) / Exp (less Org Savings)	YTD Adopted Budget Amend. (Inc) / Exp	YTD Impact (less Org Savings)
Executive	0	82,000	65,000	17,000		17,000
Corporate Services	0	-221,461	-202,461	-19,000		-19,000
Development and Community	0	84,355	15,986	68,369		68,369
Infrastructure	0	162,141	40,893	121,248		121,248
Impact of Council approved budget amendments	0	0	0	0		0
Net impact of Org Savings/Expenditure	0	0	0	0		0
	0,000*	107,035	-80,582	187,617	0,000†	187,617

Risk Management Biannual Update Report

Biannual Report on Risk Improvement initiatives

The following activities have been undertaken over the period May 2019 – October 2019.

Risk Action	Status
Insurance Strategy or Policy to be developed	<p>LGIS have been engaged to complete a comprehensive Insurance Risk Profiling exercise. The field work has been completed with the full report and recommendations expected by the end of November.</p> <p>This will inform the 2020/21 insurance renewal process as well as documenting the Shire's current insurance status, listing known uninsurable infrastructure/events and commencing the discussion on the Shire's appetite for self insurance in certain areas such as excesses applied to policies and workers compensation.</p>
Workforce Plan	Consultant has commenced update with full report expected by February 2020.
Risk Management Training	Manager of Governance, Strategy and Risk completing Advanced Diploma of Governance, Risk and Compliance.
Business Continuity Plan	<p>Desktop review completed and LGIS engaged to undertake full review including training workshops and exercises with relevant staff in December.</p> <p>Cloud backup implemented with full backup now hosted in Data Centre in Perth.</p>
ICT Security	Access Policy developed and implemented including password policy and access authorisation process.
Statement of Business Ethics	Adopted by Council at the August 2019 Ordinary Meeting of Council.
Contract Management Training	<p>LGIS have conducted a Contract Risk Management workshop for 12 staff heavily involved in contract management and procurement.</p> <p>WALGA will be completing 3 days of contract management training for approximately 20 people at the end of November covering:</p> <ul style="list-style-type: none"> • Planning & Specification Development • Evaluation, Supplier Selection & Contract Establishment; and • Managing Contracts in Local Government.
RelianSys – Compliance Software	FACR1 has a recommendation to implement RelianSys which is a specialised software package to provide greater legislative compliance assurance. This is a focus area of the OAG.

New Risk Management Framework Approach

The Shire's existing Risk Management Policy, Strategy and Procedures are due for review.

Research and a referral from the City of Bunbury have led to an investigation of a risk management framework approach developed by a Risk Management expert based in Canberra. The approach is rapidly gaining popularity and being implemented by federal, state and local government agencies on the east coast.

This growth is being driven out of frustration that traditional approaches to risk management have led to questionable improvements in risk management practices and have not provided the control assurance nor prioritisation of effort that AS/NZS/ISO 31000 Risk Management – Principles and Guidelines aims to deliver.

Risk Events

The majority of risk registers and risk profile registers detail a substantial amount of causes and consequences. However, the focus should be on defining the much smaller number of events/incidents that, if they occur will have a material impact on the Shire's objectives.

Local governments on a whole have the same core risks with some variability due to different service delivery. Why is it then that local governments have all developed different risk registers with different risk contexts?

The Canberra consultant is currently developing a series of common risk libraries for various industries. The Shire of Broome has been asked to participate in the consultation process to develop the common risk library for local government. It is envisaged that this will lead to a risk library of 30 – 40 initial events/incidents that local governments will focus on.

Example risk events might include:

- disruption to the collection of rubbish,
- explosion at bulk fuel storage facility at depot
- member of staff or elected member accepting benefits for approval of works.

Strategic vs Operational Risks

The new risk management framework will look to create separate risk registers for Strategic and Operational Risks as they require a different management approach. Typically, strategic risks would be managed by the Council whereas operational risks are managed by the CEO and reported to the Council as required.

In essence, strategic risks are events beyond the control of the Shire however require strategies to mitigate should an event occur.

Ultimately, the primary benefit to be obtained from risk management is to facilitate the making of risk informed decisions.

CONSULTATION

2019 Financial Management Review

AMD Chartered Accountants

1st Quarter Finance and Costing Review 2019-20

All amendments have been proposed after consultation with Executive and Responsible Officers at the Shire.

Risk Management Biannual Update Report

The existing R-TAG have discussed the need to reset the risk management context within the R-TAG, so that focus is applied to control effectiveness and assurance for identified high risk events.

STATUTORY ENVIRONMENT

Local Government Act 1995

Section 6.5 Accounts and records

The CEO has a duty —

- (a) to ensure that there are kept, in accordance with regulations, proper accounts and records of the transactions and affairs of the local government; and
- (b) to keep the accounts and records up to date and ready for inspection at any time by persons authorised to do so under this Act or another written law.

Local Government (Financial Management) Regulations 1996

Regulation 5. Financial management duties of the CEO

- (1) Efficient systems and procedures are to be established by the CEO of a local government —
 - (a) for the proper collection of all money owing to the local government;
 - (b) for the safe custody and security of all money collected or held by the local government;
 - (c) for the proper maintenance and security of the financial records of the local government (whether maintained in written form or by electronic or other means or process);
 - (d) to ensure proper accounting for municipal or trust —
 - (i) revenue received or receivable;
 - (ii) expenses paid or payable; and
 - (iii) assets and liabilities;
 - (e) to ensure proper authorisation for the incurring of liabilities and the making of payments;
 - (f) for the maintenance of payroll, stock control and costing records; and
 - (g) to assist in the preparation of budgets, budget reviews, accounts and reports required by the Act or these regulations.
- (2) The CEO is to —
 - (a) ensure that the resources of the local government are effectively and efficiently managed;
 - (b) assist the council to undertake reviews of fees and charges regularly (and not less than once in every financial year); and
- (c) undertake reviews of the appropriateness and effectiveness of the financial management systems and procedures of the local government regularly (and not less than once in every 3 financial years) and report to the local government the results of those reviews.

7.13 Regulations as to audits

- (1) Regulations may make provision —
 - (i) requiring local governments to carry out, in the prescribed manner and in a form approved by the Minister, an audit of compliance with such statutory requirements as are prescribed whether those requirements are —
 - (i) of a financial nature or not; or
 - (ii) under this Act or another written law.

Local Government (Audit) Regulations 1996**13. Prescribed statutory requirements for which compliance audit needed (Act s. 7.13(1)(i))**

For the purposes of section 7.13(1)(i) the statutory requirements set forth in the Table to this regulation are prescribed.

Table

Local Government Act 1995		
s. 3.57	s. 3.58(3) and (4)	s. 3.59(2), (4) and (5)
s. 5.16	s. 5.17	s. 5.18
s. 5.36(4)	s. 5.37(2) and (3)	s. 5.42
s. 5.43	s. 5.44(2)	s. 5.45(1)(b)
s. 5.46	s. 5.67	s. 5.68(2)
s. 5.70	s. 5.73	s. 5.75
s. 5.76	s. 5.77	s. 5.88
s. 5.89A	s. 5.103	s. 5.120
s. 5.121	s. 7.1A	s. 7.1B
s. 7.3	s. 7.6(3)	s. 7.9(1)
s. 7.12A		
Local Government (Administration) Regulations 1996		
r. 18A	r. 18C	r. 18E
r. 18F	r. 18G	r. 19
r. 19C	r. 19DA	r. 22
r. 23	r. 28	r. 34B
r. 34C		
Local Government (Audit) Regulations 1996		
r. 7	r. 10	
Local Government (Elections) Regulations 1997		
r. 30G		
Local Government (Functions and General) Regulations 1996		
r. 7	r. 9	r. 10
r. 11A	r. 11	r. 12

r. 14(1), (3) and (5)	r. 15	r. 16
r. 17	r. 18(1) and (4)	r. 19
r. 21	r. 22	r. 23
r. 24	r. 24AD(2), (4) and (6)	r. 24AE
r. 24AF	r. 24AG	r. 24AH(1) and (3)
r. 24AI	r. 24E	r. 24F
Local Government (Rules of Conduct) Regulations 2007		
r. 11		

[Regulation 13 inserted in Gazette 23 Apr 1999 p. 1722-4; amended in Gazette 1 Jun 2004 p. 1917; 31 Mar 2005 p. 1042-3; 30 Sep 2005 p. 4418-20; 21 Dec 2010 p. 6758-61; 30 Dec 2011 p. 5579-80; 18 Sep 2015 p. 3813; 26 Jun 2018 p. 2386.]

14. Compliance audits by local governments

- (1) A local government is to carry out a compliance audit for the period 1 January to 31 December in each year.
- (2) After carrying out a compliance audit the local government is to prepare a compliance audit return in a form approved by the Minister.
- (3A) The local government's audit committee is to review the compliance audit return and is to report to the council the results of that review.
- (3) After the audit committee has reported to the council under subregulation (3A), the compliance audit return is to be —
 - (a) presented to the council at a meeting of the council; and
 - (b) adopted by the council; and
 - (c) recorded in the minutes of the meeting at which it is adopted.

[Regulation 14 inserted in Gazette 23 Apr 1999 p. 1724-5; amended in Gazette 30 Dec 2011 p. 5580-1.]

15. Compliance audit return, certified copy of etc. to be given to Executive Director

- (1) After the compliance audit return has been presented to the council in accordance with regulation 14(3) a certified copy of the return together with —
 - (a) a copy of the relevant section of the minutes referred to in regulation 14(3)(c); and
 - (b) any additional information explaining or qualifying the compliance audit, is to be submitted to the Executive Director by 31 March next following the period to which the return relates.
- (2) In this regulation —

certified in relation to a compliance audit return means signed by —

 - (a) the mayor or president; and
 - (b) the CEO.

[Regulation 15 inserted in Gazette 23 Apr 1999 p. 1725.]

Local Government (Financial Management) Regulation 1996

r33A. Review of Budget

- (1) Between 1 January and 31 March in each financial year a local government is to carry out a review of its annual budget for that year.
- (2A) The review of an annual budget for a financial year must —
 - (a) consider the local government's financial performance in the period beginning on 1 July and ending no earlier than 31 December in that financial year; and
 - (b) consider the local government's financial position as at the date of the review; and
 - (c) review the outcomes for the end of that financial year that are forecast in the budget.
- (2) Within 30 days after a review of the annual budget of a local government is carried out it is to be submitted to the council.
- (3) A council is to consider a review submitted to it and is to determine* whether or not to adopt the review, any parts of the review or any recommendations made in the review.

*Absolute majority required.

- (4) Within 30 days after a council has made a determination, a copy of the review and determination is to be provided to the Department.

Local Government Act 1995

6.8. Expenditure from municipal fund not included in annual budget

- 1) A local government is not to incur expenditure from its municipal fund for an additional purpose except where the expenditure —
 - a) is incurred in a financial year before the adoption of the annual budget by the local government;
 - b) is authorised in advance by resolution*; or
 - c) is authorised in advance by the mayor or president in an emergency.
- (1a In subsection (1) —

“additional purpose” means a purpose for which no expenditure estimate is included in the local government's annual budget.

Local Government (Audit) Regulations 1996**16. Audit committee, functions of**

An audit committee —

- (a) is to provide guidance and assistance to the local government —
 - (i) as to the carrying out of its functions in relation to audits carried out under Part 7 of the Act; and
 - (ii) as to the development of a process to be used to select and appoint a person to be an auditor;

and
- (b) may provide guidance and assistance to the local government as to —
 - (i) matters to be audited; and
 - (ii) the scope of audits; and
 - (iii) its functions under Part 6 of the Act; and
 - (iv) the carrying out of its functions relating to other audits and other matters related to financial management; and

- (c) is to review a report given to it by the CEO under regulation 17(3) (the CEO's report) and is to —
 - (i) report to the council the results of that review; and
 - (ii) give a copy of the CEO's report to the council.

17. CEO to review certain systems and procedures

- (1) 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.
- (2) The review may relate to any or all of the matters referred to in subregulation (1)(a), (b) and (c), but each of those matters is to be the subject of a review at least once every 2 calendar years.
- (3) The CEO is to report to the audit committee the results of that review.

Local Government (Financial Management) Regulation 1996

r33A. Review of Budget

- (1) Between 1 January and 31 March in each financial year a local government is to carry out a review of its annual budget for that year.
- (2A) The review of an annual budget for a financial year must —
 - (a) consider the local government's financial performance in the period beginning on 1 July and ending no earlier than 31 December in that financial year; and
 - (b) consider the local government's financial position as at the date of the review; and
 - (c) review the outcomes for the end of that financial year that are forecast in the budget.
- (2) Within 30 days after a review of the annual budget of a local government is carried out it is to be submitted to the council.
- (3) A council is to consider a review submitted to it and is to determine* whether or not to adopt the review, any parts of the review or any recommendations made in the review.

*Absolute majority required.

- (4) Within 30 days after a council has made a determination, a copy of the review and determination is to be provided to the Department.

Local Government Act 1995

6.8. Expenditure from municipal fund not included in annual budget

- 1) A local government is not to incur expenditure from its municipal fund for an additional purpose except where the expenditure —
 - (a) is incurred in a financial year before the adoption of the annual budget by the local government;
 - (b) is authorised in advance by resolution*; or
 - (c) is authorised in advance by the mayor or president in an emergency.
- (1a) In subsection (1) —
 - “additional purpose” means a purpose for which no expenditure estimate is included in the local government's annual budget.

POLICY IMPLICATIONS

2019 Financial Management Review

2.2.3 Investment of Surplus Funds

1st Quarter Finance and Costing Review 2019-20

2.1.1 Materiality in Financial Reporting

It should be noted that according to the materiality threshold set in Policy 2.1.1 Materiality in Financial Reporting, should a deficit achieve 1% of Shire's operating revenue (\$422,176) the Shire must formulate an action plan to remedy the over expenditure.

Risk Management Biannual Update Report

2.1.1 Legislative Compliance

2.1.4 Risk Management

2.2.1 Internal Control

FINANCIAL IMPLICATIONS

2019 Financial Management Review

The conduct of the three yearly Financial Management Review, is a separate and additional cost to Council's audit which is conducted by the appointed auditors.

1st Quarter Finance and Costing Review 2019-20

The **net result** of the Quarter 1 FACR estimates indicate that there will be a budget deficit position of \$187,617 to 30 June 2020.

Risk Management Biannual Update Report

RISK

2019 Financial Management Review

The three-year Financial Management Review is a risk mitigation process in itself and identifies areas for improvement. A management response has been provided for each issue raised and action will continue to address outstanding matters as a priority.

1st Quarter Finance and Costing Review 2019-20

The Finance and Costing Review (FACR) seeks to provide a best estimate of the end-of-year position for the Shire of Broome at 30 June 2019. Contained within the report are recommendations of amendments to budgets which have financial implications on the estimate of the end-of-year position.

The review does not, however, seek to make amendments below the materiality threshold unless strictly necessary. The materiality thresholds are set at \$10,000 for operating budgets and \$20,000 for capital budgets. Should a number of accounts exceed their budget within these thresholds, it poses a risk that the predicted final end-of-year position may be understated.

In order to mitigate this risk, the CEO enacted the FACRs to run quarterly and Executive examine each job and account to ensure compliance. In addition, the monthly report provides variance reporting highlighting any discrepancies against budget.

It should also be noted that should Council decide not to adopt the recommendations, it could lead to some initiatives being delayed or cancelled in order to offset the additional expenditure associated with running the Shire's operations.

Risk Management Biannual Update Report

The Shire has funds budgeted in 2019/20 to redevelop the organisational risk framework.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Effective communication

Affordable services and initiatives to satisfy community need

Accessible and safe community spaces

A healthy and safe environment

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population:

Affordable and equitable services and infrastructure

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

An organisational culture that strives for service excellence

Sustainable and integrated strategic and operational plans

Responsible resource allocation

Effective community engagement

Retention and attraction of staff

Improved systems, processes and compliance

VOTING REQUIREMENTS

Absolute Majority

COUNCIL RESOLUTION:

Moved: Cr C Mitchell

Seconded: Cr B Rudeforth

That Council:

- 1. Receives the Quarter 1 Finance and Costing Review Report for the period ended 30 September 2019;**
- 2. Adopts the operating and capital budget amendment recommendations for the year ended 30 June 2020 as attached;**
- 3. Notes a forecast end-of-year position to 30 June 2020 of a \$187,617 deficit position; and**
- 4. Approves a budget transfer to the Public Open Space Reserve of \$80,582 to quarantine potential surplus funds at the end of the financial year.**

CARRIED BY ABSOLUTE MAJORITY 7/0

VOTING REQUIREMENTS

Simply Majority

COUNCIL RESOLUTION:

Moved: Cr D Male

Seconded: Cr B Rudeforth

That Council:

- 1. Receives the Financial Management Review Report - August 2019 as attached; and**
- 2. Notes the Management Responses and requests the Chief Executive to continue to progress finalisation of any outstanding matters.**

CARRIED UNANIMOUSLY 7/0

VOTING REQUIREMENTS

Simply Majority

COUNCIL RESOLUTION:

Moved: Cr C Mitchell

Seconded: Cr B Rudeforth

That Council Receives the Risk Management Biannual Update Report.

CARRIED UNANIMOUSLY 7/0

Attachments

1. Minutes - Audit and Risk Committee Meeting 18 November 2019



UNCONFIRMED MINUTES

OF THE

AUDIT AND RISK COMMITTEE MEETING

18 NOVEMBER 2019

OUR VISION

"A thriving and friendly community that recognises our history and embraces cultural diversity and economic opportunity, whilst nurturing our natural and built environment."

OUR MISSION

"To deliver affordable and quality Local Government services."

CORE VALUES OF THE SHIRE

The core values that underpin the achievement of the mission will be based on a strong customer service focus and a positive attitude:

Communication

Integrity

Respect

Innovation

Transparency

Courtesy

DISCLAIMER

The purpose of Council Meetings is to discuss, and where possible, make resolutions about items appearing on the agenda. Whilst Council has the power to resolve such items and may in fact, appear to have done so at the meeting, no person should rely on or act on the basis of such decision or on any advice or information provided by a Member or Officer, or on the content of any discussion occurring, during the course of the meeting.

Persons should be aware that the provisions in section 5.25 of the *Local Government Act 1995* establish procedures for revocation or rescission of a Council decision. No person should rely on the decisions made by Council until formal advice of the Council decision is received by that person. The Shire of Broome expressly disclaims liability for any loss or damage suffered by any person as a result of relying on or acting on the basis of any resolution of Council, or any advice or information provided by a Member or Officer, or the content of any discussion occurring, during the course of the Council meeting.

Should you require this document in an alternative format please contact us.

SHIRE OF BROOME
AUDIT AND RISK COMMITTEE MEETING
MONDAY 18 NOVEMBER 2019
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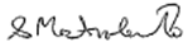
Chairperson.....Date.....

NOTICE OF MEETING

Dear Council Member,

The next Audit and Risk Committee of the Shire of Broome will be held on Monday, 18 November 2019 in the Council Chambers, Corner Weld and Haas Streets, Broome, commencing at 4:31pm.

Regards,



S MASTROLEMBO
Chief Executive Officer

15/11/2019

**MINUTES OF THE AUDIT AND RISK COMMITTEE MEETING OF THE SHIRE OF BROOME,
HELD IN THE COUNCIL CHAMBERS, CORNER WELD AND HAAS STREETS, BROOME,
ON MONDAY 18 NOVEMBER 2019, COMMENCING AT 4:30PM.**

1. OFFICIAL OPENING

The Chairman welcomed Councillors and Officers and declared the meeting open at 4:31pm.

2. ATTENDANCE AND APOLOGIES

Attendance:	Cr D Male	Chairperson
	Cr C Mitchell	Deputy Chairperson
	Cr B Rudeforth	Councillor

Leave of Absence: Nil

Apoloies:	Cr H Tracey	Shire President
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Officers:	Mr S Mastrolembo	Chief Executive Officer (from 4:51pm)
	Mr J Watt	Director Corporate Services
	Mr A Graffen	Director Infrastructure Services
	Mr A Santiago	Manager Financial Services
	Mr D Kennedy	Manager Governance Strategy & Risk

3. DECLARATIONS OF FINANCIAL INTEREST / IMPARTIALITY

Committee Member	Item No	Item	Nature of Interest
Nil.			

4. CONFIRMATION OF MINUTES

COMMITTEE RESOLUTION:

Moved: Cr C Mitchell

Seconded: Cr B Rudeforth

That the Minutes of the Audit and Risk Committee held on 15 October 2019, as published and circulated, be confirmed as a true and accurate record of that meeting.

CARRIED UNANIMOUSLY 4/0

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW

5. REPORTS OF OFFICERS**5.1 2019 FINANCIAL MANAGEMENT REVIEW**

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	ADM03
AUTHOR:	Manager Financial Services
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	10 November 2019

SUMMARY: The Audit and Risk Committee is presented the results of the three yearly Financial Management Review in accordance with regulation 5(2)(c) of the *Local Government (Financial Management) Regulations 1996*.

BACKGROUNDPrevious Considerations

OMC 26 May 2016 – Item 10.3

The *Local Government (Financial Management) Regulations 1996* (the Regulations) prescribe the requirement for an extensive review of a local government's financial management systems and processes. It requires the Chief Executive Officer (CEO) to undertake reviews of the appropriateness and effectiveness of the financial management systems and procedures of the local government regularly (and not less than once in every 3 financial years) and report to the local government the results of those reviews. In June 2019 the CEO engaged auditor AMD Chartered Accountants to conduct a comprehensive review.

The objective of the engagement was to test the financial management system of the Shire of Broome and receive a report on the appropriateness and effectiveness of the control environment within, as required by regulation 5(2)(c).

This report summarises the factual findings and observations of the review examination and includes recommendations from the auditors that are considered appropriate for the Shire to improve any weaknesses in systems and controls.

COMMENT

The financial management systems review covered the period 1 July 2018 to 30 June 2019 and considered the following financial systems and procedures of Council:

- Proper collection of all money owing to the Shire;
- Safe custody and security of all money collected or held by the Shire;
- Proper maintenance and security of the financial records of the Shire;
- Proper accounting for municipal or trust;
- Proper authorisation for the incurring of liabilities and the making of payments;
- Maintenance of payroll, stock control and costing records; and

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW

- Preparation of budgets, budget reviews, accounts and reports required by the *Local Government Act 1995* (the Act) or the regulations.

The auditors did not necessarily examine compliance with provisions of the Act or Regulations, which were not financial in nature.

It should be noted that this examination was not an assurance engagement, audit or review in accordance with the Framework for Assurance Engagements, Australian Auditing Standards, Auditing Standards on Review Engagements or Standards on Assurance Engagements.

The role of expressing assurance on balances rests with the external audit function and those procedures have been carried out separately from this examination. The final external audit was completed in September 2019 and presented to the Audit and Risk Committee (the Committee) on 15 October 2019 and tabled at the October OMC.

The objective of the FMR was to examine the appropriateness and effectiveness of the financial management systems and procedures of the Shire on behalf of the CEO, with the report intended solely to assist the CEO prepare their review for presentation to Council as required by r5 (2)(c). It is not intended to express or imply any assurance.

The FMR has taken the form of an agreed procedures engagement in accordance with Australian Auditing Standards.

The audit examination and this report should be considered on this basis.

In reporting the results of the review to the local government, the report summarises exceptions and provides auditor recommendations to address the issues raised.

Officers have noted responses and actions against each recommendation in order to address the specific issues:

Focus Area	Findings	Management Response
Cash count variances	Minor variances identified when completing cash counts during site visits.	The float count was not undertaken on the day of examination. Required procedures needs to be completed prior to the first transaction of the day.
Daily Banking Reconciliation- Library	The daily banking sheet prepared each morning by Library staff as part of the balancing process is not signed by the preparer nor is there evidence of independent review by a Library staff member.	Cash count to be performed in the presence of two staff and will evidence segregation of preparation and review.
Physical Security of Cash	Broome Recreation Aquatic Centre does not utilise Council's engaged security company, and instead complete their own banking. Cash takings and floats are taken home by Waste Management Officers. Monies from the Waste Management Facility be provided to the Shire at the end of each week day.	The security pick-up is a new trial initiative and is not standard operating practice. Management will explore the possibility of extending the security cash pick-up at the Broome Recreation and Aquatic Centre. Waste Management Facility closes at 3:30 and should be able to drop the monies to the Administration Building.

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW

Security of Keys	<p>Suggestions for enhancement to restrictions for plant and vehicle keys at the Depot.</p> <p>Keys cabinet at the Shire Administration Office left unlocked.</p> <p>Keys not stored in the lockable cabinet at the time of inspection.</p>	<p>Management reviewing key security requirements and procedures in line with operational activities.</p>
Information Technology	<p>Consideration be given to further enhancements of the Shire's ICT Framework.</p> <p>Updated Business Continuity Plan.</p> <p>Review of system backup maintenance.</p> <p>Issues were raised in relation to user access requests for access, password management process and the connection of private devices to the network.</p>	<p>Management acknowledged the comments raised and action plans will be implemented as soon as possible.</p> <p>Business Continuity Plan is currently being reviewed.</p> <p>Cloud backup implemented with full backup hosted in data centre in Perth.</p> <p>Access and Password Policy developed and implemented.</p> <p>ICT security practices will be a focus over the next 6 months.</p>
Municipal Bank Reconciliation	<p>At the time of the review there were unresolved reconciling differences within municipal bank reconciliations prepared subsequent to January 2019.</p>	<p>Management review of April bank reconciliation identified items requiring investigation and restatement of prior months reconciliation. Reconciling item resolved at the date of response.</p>
Credit Cards	<p>Independent reviewer to sign off both the consolidated credit card statement and individual card's statement.</p> <p>Cardholders to sign off their own statement.</p> <p>Consistent process when substantiation of expenditure.</p>	<p>Management acknowledges all comments and will implement controls to address the findings.</p> <p>Revised Credit Card procedures have been drafted for approval.</p>
Tenders	<p>Lack of overarching tender checklist and instead completed on a case by case basis.</p> <p>Formal post project review report is not prepared for projects post completion.</p>	<p>Issue due to process not being undertaken following staff turnover. Tender checklist now captured in ProMapp.</p> <p>Electronic tender register to be placed on the Shire's website. Once posted it is proposed that this will be used for all tenders.</p>
Petty Cash	<p>Instances whereby petty cash expenditure did not adhere to the Shire's stated procedures.</p>	<p>Management acknowledges the comments made and will implement controls to address the</p>

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW

		findings.
Review of Payroll	Recommend a checklist be developed to clearly document the preparation and review process undertaken in relation to payroll.	A payroll review checklist setting out the review procedures implemented and in use since 11 July payday.
Maintenance of payroll, stock control and costing records: Fuel Usage Analysis	Further enhancement to the Shire's fuel usage analysis is recommended.	Management utilises the Plant Costing Report which summarises all costs charged to individual plant items and facilitates review and identification of plant items with unusually high costs. Management will ensure that this report is reviewed and actioned for any notable observations.
Non-Compliance with Regulations	<p>A contract was awarded from a request for quote however the value of the work subsequently performed exceeded the tender threshold.</p> <p>On 3 occasions the advertisements for tenders did not include the contact person at the Shire.</p> <p>Unspent borrowings in the 2018/19 annual budget adopted for 2018/19 had no details of when the borrowing occurred.</p> <p>Details required for waivers or concessions were not included in the annual budget adopted for 2018/19.</p>	<p>Work underway to enter contracts and tenders for supplies that have the potential to exceed purchasing thresholds.</p> <p>Senior Procurement and Risk Officer is now the contact person for all new Tenders.</p> <p>Unspent borrowings in the future will include information on the year in which the money was borrowed.</p> <p>Future budget documents will disclose the details for waivers or concessions not included in the adopted annual budget and, if applicable, the objects and reasons for the discount.</p>
Investment Policy	Consideration be given to specifying the number of quotes required prior to reinvestment of funds to ensure a competitive rate of return is received.	Policy 2.2.3 Investment of Surplus Funds will be updated to formalise the Shire's customary practice of obtaining competitive quotes.
Risk Management Strategies and Procedures	The Shire's Risk Management Strategies and Procedures refers to former and now outdated Australia/New Zealand Guideline ISO 31000:2009.	Framework is currently being updated.

CONSULTATION

AMD Chartered Accountants

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW

STATUTORY ENVIRONMENT

Local Government Act 1995

Section 6.5 Accounts and records

The CEO has a duty —

- (a) to ensure that there are kept, in accordance with regulations, proper accounts and records of the transactions and affairs of the local government; and
- (b) to keep the accounts and records up to date and ready for inspection at any time by persons authorised to do so under this Act or another written law.

Local Government (Financial Management) Regulations 1996

Regulation 5. Financial management duties of the CEO

- (1) Efficient systems and procedures are to be established by the CEO of a local government —
 - (a) for the proper collection of all money owing to the local government;
 - (b) for the safe custody and security of all money collected or held by the local government;
 - (c) for the proper maintenance and security of the financial records of the local government (whether maintained in written form or by electronic or other means or process);
 - (d) to ensure proper accounting for municipal or trust —
 - (i) revenue received or receivable;
 - (ii) expenses paid or payable; and
 - (iii) assets and liabilities;
 - (e) to ensure proper authorisation for the incurring of liabilities and the making of payments;
 - (f) for the maintenance of payroll, stock control and costing records; and
 - (g) to assist in the preparation of budgets, budget reviews, accounts and reports required by the Act or these regulations.
- (2) The CEO is to —
 - (a) ensure that the resources of the local government are effectively and efficiently managed;
 - (b) assist the council to undertake reviews of fees and charges regularly (and not less than once in every financial year); and
 - (c) undertake reviews of the appropriateness and effectiveness of the financial management systems and procedures of the local government regularly (and not less than once in every 4 financial years) and report to the local government the results of those reviews.

POLICY IMPLICATIONS

2.2.3 Investment of Surplus Funds

FINANCIAL IMPLICATIONS

The conduct of the three yearly Financial Management Review, is a separate and additional cost to Council's audit which is conducted by the appointed auditors.

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW

RISK

The three-year Financial Management Review is a risk mitigation process in itself and identifies areas for improvement. A management response has been provided for each issue raised and action will continue to address outstanding matters as a priority.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Effective communication

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

An organisational culture that strives for service excellence

Sustainable and integrated strategic and operational plans

Responsible resource allocation

Effective community engagement

Improved systems, processes and compliance

VOTING REQUIREMENTS

Simple Majority

COMMITTEE RESOLUTION:
(REPORT RECOMMENDATION)

Moved: Cr B Rudeforth

Seconded: Cr C Mitchell

That the Audit and Risk Committee recommends that Council:

- 1. Receives the Financial Management Review Report - August 2019 as attached; and**
- 2. Notes the Management Responses and requests the Chief Executive to continue to progress finalisation of any outstanding matters.**

CARRIED UNANIMOUSLY 3/0

Attachments

1. Financial Management Review - August 2019



Shire of Broome
2019 Financial Management
System Review

The graphic consists of a large, stylized arrow pointing to the right. The arrow is composed of several overlapping geometric shapes in shades of yellow, green, and blue. The text "Shire of Broome 2019 Financial Management System Review" is centered within the arrow.

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW



2 August 2019

Mr Sam Mastrolembro
Chief Executive Officer
Shire of Broome
PO Box 44
BROOME WA 6725

Dear Sam

2019 FINANCIAL MANAGEMENT SYSTEMS REVIEW

We are pleased to present the findings and recommendations resulting from the Shire of Broome (the "Shire") *Local Government (Financial Management) Regulation 1996*, Financial Management System Review.

This report relates only to procedures and items specified within the 2019 Financial Management System Review Services Proposal and does not extend to any financial report of the Shire.

We would like to thank Alvin, Yan and the finance team for their co-operation and assistance whilst conducting our review.

Should there be matters outlined in our report requiring clarification or any other matters relating to our review, please do not hesitate to contact Matthew Ristovic or myself.

Yours sincerely
AMD Chartered Accountants

A handwritten signature in black ink, appearing to read 'M Cavallo'.

MARIA CAVALLO CA
Director

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under Professional Standards Legislation

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Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW



Inherent limitations

Due to the inherent limitations of any internal control structure, it is possible that fraud, error or non-compliance with laws and regulations may occur and not be detected. Further, the internal control structure, within which the control procedures that have been subject to review, has not been reviewed in its entirety and, therefore, no opinion or view is expressed as to its effectiveness of the greater internal control structure. This review is not designed to detect all weaknesses in control procedures as it is not performed continuously throughout the period and the tests performed on the control procedures are on a sample basis. Any projection of the evaluation of control procedures to future periods is subject to the risk that the procedures may become inadequate because of changes in conditions, or that the degree of compliance with them may deteriorate.

We believe that the statements made in this report are accurate, but no warranty of completeness, accuracy or reliability is given in relation to the statements and representations made by, and the information and documentation provided by Shire of Broome management and personnel. We have indicated within this report the sources of the information provided. We have not sought to independently verify those sources unless otherwise noted with the report. We are under no obligation in any circumstance to update this report, in either oral or written form, for events occurring after the report has been issued in final form unless specifically agreed with the Shire of Broome. The review findings expressed in this report have been formed on the above basis.

Third party reliance

This report was prepared solely for the purpose set out in this report and for the internal use by management of the Shire of Broome. This report is solely for the purpose set out in the 'Scope and Approach' of this report and for Shire of Broome's information, and is not to be used for any other purpose or distributed to any other party without AMD's prior written consent. This review report has been prepared at the request of Shire of Broome's Chief Executive Officer or its delegate in connection with our engagement to perform the review as detailed in the 2019 Financial Management System Review Services Proposal. Other than our responsibility to the Council and management of the Shire of Broome, neither AMD nor any member or employee of AMD undertakes responsibility arising in any way from reliance placed by a third party, including but not limited to the Shire of Broome external auditor, on this review report. Any reliance placed is that party's sole responsibility.

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1. Executive Summary

1.1. Background and Objectives

The primary objective of our Financial Management System Review (FMSR) was to assess the adequacy and effectiveness of systems and controls in place within the Shire in accordance with the 2019 Financial Management System Review Services Proposal.

The responsibility of determining the adequacy of the procedures undertaken by us is that of the Chief Executive Officer (CEO). The procedures were performed solely to assist the CEO in satisfying his duty under Section 6.10 of the Local Government Act 1995 and Regulation 5(1) of the Local Government (Financial Management) Regulations 1996.

Our findings included within this report are based on the site work completed by us on 10 to 14 of June 2019. Findings are based on information provided and available to us during and subsequent to this site visit.

1.2. Summary of Findings

The procedures performed and our findings on each of the focus areas are detailed in the following sections of the report:

- Section 2 – Collection of money;
- Section 3 - Custody and security of money;
- Section 4 - Maintenance and security of the financial records;
- Section 5 - Accounting for municipal or trust transactions;
- Section 6 - Authorisation for incurring liabilities and making payments;
- Section 7 - Maintenance of payroll, stock control and costing records; and
- Section 8 - Preparation of budgets, budget reviews, accounts and reports required by the Act or the regulations.

Following the completion of our review and subject to the recommendations outlined within sections 2 to 8, we are pleased to report that in context of the Shire's overall internal control environment, policies, procedures and processes in place are appropriate, and have been operating effectively at the time of the review.

Findings reported by us are on an exceptions basis, and do not take into account the many focus areas tested during our review where policies, procedures and processes were deemed to be appropriate and in accordance with better practice.

The following tables provide a summary of the findings raised in this report:

	Extreme Risk	High Risk	Moderate Risk	Low Risk
Number of new issues reported	-	1	5	8

For details on the review rating criteria, please refer to Section 9.

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Ref	Issue	Risk Rating
2. Collection of money		
Cash Count Variances		
2.2.1	Minor variances identified when completing cash counts during site visits.	Low
Daily Banking Reconciliation- Library		
2.2.2	The daily banking sheet prepared each morning by Library staff as part of the balancing process is not signed by the preparer nor is there evidence of independent review by a Library staff member.	Low
3. Custody and security of money		
Physical Security of Cash		
3.2.1	Broome Regional Aquatic Centre does not utilise Council's engaged security company, and instead complete their own banking. Cash takings and floats are taken home by Waste Management Officers.	Low
4. Maintenance and security of financial records		
Security of Keys		
4.2.1	Suggestions for enhancement to restrictions for plant and vehicle keys at the Depot. Keys cabinet at the Shire Administration Office left unlocked. Keys not stored in the lockable cabinet at the time of inspection.	Moderate
Information Technology		
4.2.2	Consideration be given to further enhancements of the Shire's IT Framework.	Moderate
5. Accounting for municipal or trust transactions		
Municipal Bank Reconciliation		
5.2.1	At the time of our June 2019 review there were unresolved reconciling differences within municipal bank reconciliations prepared subsequent to January 2019.	Moderate
6. Authorisation for incurring liabilities and making payments		
Credit Cards		
6.2.1	Suggestions for enhancement regarding the process for compiling supporting information and the documentation of the review process undertaken.	Moderate
Tenders		
6.2.2	Suggestions for enhancement to the tender process. Detailed review of two tenders identified instances where documentation was incomplete.	Moderate
Petty Cash		
6.2.3	Instances whereby petty cash expenditure did not adhere to the Shire's stated procedures.	Low
7. Maintenance of payroll, stock control and costing records		
Review of Payroll		
7.2.1	Recommend a checklist be developed to clearly document the preparation and review process undertaken in relation to payroll.	Low
Fuel Usage Analysis		
7.2.2	Further enhancement to the Shire's fuel usage analysis is recommended.	Low
8. Preparation of budgets, budget reviews, accounts and reports required by the Act or the Regulations		
Non-Compliance with Regulations		
8.2.1	4 Matters of non-compliance identified during our review (two of these previously identified by the Shire within the annual Compliance Audit Return for 2018).	High
Investment Policy		
8.2.2	Consideration be given to specifying the number of quotes required prior to reinvestment of funds to ensure a competitive rate of return is received.	Low
Risk Management Strategies and Procedures		
8.2.3	The Shire's Risk Management Strategies and Procedures refers to former and now outdated Australia/New Zealand Guideline ISO 31000:2009.	Low

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2. Collection of money

2.1. Scope and approach

We completed site visits to the following locations operated by the Shire:

- Broome Administration Office;
- Broome Library;
- Broome Regional Aquatic Centre;
- Broome Waste Facility; and
- Broome Depot.

During the visits to each site we:

- Documented internal controls, procedures and reconciliations in relation to all sources of income;
- Counted petty cash and float on hand ensuring materially correct;
- Reviewed fees and charges schedule and ensure adequate internal controls in place over receipting;
- Tested collection, receipting, invoicing and posting procedures over cash receipts on a sample basis; and
- Reviewed credit control procedures in respect to sundry debtors and rate debtors.

2.2. Detailed findings and recommendations

2.2.1. Cash Count Variances

Finding Rating: Low

We completed a count of cash on hand and petty cash at each location we visited and noted the following variances:

Location	Cash Counted (\$)	Purchase or (receipts) (\$)	Total (\$)	Correct Float (\$)	Variance (\$)
Broome Regional Aquatic Centre- Till 1	214.00	(7.00)	207.00	200.00	7.00
Broome Regional Aquatic Centre- Till 2	329.65	(122.00)	207.65	200.00	7.65

Discussions indicate that the \$7.00 variances were likely caused by group fitness attendances not being recorded correctly through the POS system. The remaining \$0.65 variance for Till 2 was likely caused by the float being miscounted the previous night, (we noted the end of shift balancing report from the previous day had not been signed by the preparer or by a second officer as "checked").

Implications / Risks

Risk of misstatement or omission.

Recommendation

We recommend any variances identified when balancing tills or reconciling petty cash be investigated in a timely manner and rectified accordingly.

Management Comment

Our procedures required staff to count the float prior to a shift to ensure correctness and investigate any differences. It appears that on the day of examination, the float count was not undertaken. Staff will be reminded that this procedure needs to be completed prior to the first transaction of the day.

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Group fitness variances – At peak times there can be 10 – 12 people at the counter at one time. At times of low staffing, operator error can sometimes occur. Management staff will ensure that two people are available to work at the front counter to assist in keeping up with demand.

Tills are reconciled at the midpoint through the day (change of shift) and again at the end of the day (9.00pm). They are then checked over the next day by administrative staff so have three levels of oversight.

Responsible Officer:
Manager Sport and Recreation

Completion Date:
On-going

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2.2.2. Daily Banking Reconciliation- Library
Finding Rating: Low

During our review of processes undertaken at the Library in relation to cash handling and banking, we identified the daily banking sheet prepared each morning by Library staff is not signed by the preparer nor is there evidence of independent review.

Implication / Risks

If the daily banking reconciliation is not independently reviewed, there is an increased risk of fraud or error being undetected, which in turn could lead to misstatements in the Shire's financial report.

Recommendation

We note there is generally two staff present each morning when the cash count is performed at the Library and further acknowledge banking is reviewed and signed off by customer service officers when banking is provided to the front counter of the Shire office. However to further increase controls, we recommend the two Library officers sign the counts as evidence of preparation and review.

Management Comment

We will continue the current practice of performing the cash count in the presence of two staff and ensure we require signatures to be done consistently to evidence segregation of preparation and review.

Responsible Officer:
Library Coordinator

Completion Date:
July 2019 - ongoing



3. Custody and security of money

3.1. Scope and approach

- Conducted site visits of cash collection points to review the controls and procedures over the collection, receipting, recording and banking of cash collected offsite; and
- Reviewed the security of cash and banking procedures to ensure the appropriate controls and procedures are in place.

3.2. Detailed findings and recommendations

3.2.1. Physical Security of Cash

Finding Rating: Low

We noted the following in respect to the physical security of cash at the following Shire managed locations:

- The Broome Regional Aquatic Centre is the only location which completes their own banking (i.e. does not utilise Council's engaged security company); and
- Cash takings and the float for the Waste Management Facility is taken home by Waste Management Officers with banking provided to the Shire Administration Office the following morning.

Implications / Risks

Reduced security of cash collected resulting in an increased risk of theft.

Recommendation

We suggest consideration be given to the following:

- Banking for the Broome Regional Aquatic Centre be subject the same process as other monies collected across other locations managed by the Shire, with monies provided to the Administration Office and then taken to the bank weekly by the security company which has been engaged by the Shire to perform banking; and
- Monies from the Waste Management Facility be provided to the Shire at the end of each week day (we note this site closes to the public from 3:30pm daily). Further consideration be given to the security of monies received over the weekend, for example implementation of a safe at the site or monies taken to the Aquatic Centre to be maintained in the sites safe over the weekend.

Management Comment

The security pick-up is a new trial initiative and is not standard operating practice. It is a trial and will be assessed for suitability following the trial period. If suitable, Management will explore the possibility of extending the security cash pick-up at the Broome Recreation and Aquatic Centre (BRAC). Waste Management Facility closes at 3:30 and should be able to drop the monies to the Administration Building on weekdays given that Finance Staff are available until 5pm and should be able to assist in the turnover of cash. Weekend collections can be dropped off at BRAC. Extending the cash collection services by security companies can also be considered.

Responsible Officer:

Manager Governance and Manager Financial Services

Completion Date:

September 2019



4. Maintenance and security of the financial records

4.1. Scope and approach

- Reviewed information technology systems to assess physical security, access security, data backups, contingency plans, compliance and systems development; and
- Reviewed registers maintained (including key register, tender register, gifts and travel registers etc.) and Council minutes.

4.2. Detailed findings and recommendations

4.2.1. Security of Keys

Finding Rating: Moderate

We noted the following in relation to the security of keys managed by the Shire:

- Keys to plant and vehicles maintained at the Depot are maintained in an accessible area. Although keys are required to be signed in and out, there is no restricted access or person ensuring security;
- Keys to buildings maintained at the Shire Administration Office are kept in a lockable cabinet however at the time of our inspection we noted the key to the box was left in the lock; and
- When inspecting the lockable key box we noted there were various keys which were left on the responsible officer's desk, and at the time of inspection the officer was not at their work station.

Implications / Risks

Reduced security over keys resulting in increased risks of theft, damage and unauthorised use of Council property.

Recommendation

We recommend:

- Security regarding keys maintained at the Depot is increased and access to keys is physically restricted. Requests and access to keys should be monitored and the responsibility for this function be delegated to an appropriate Depot staff member to ensure all keys are signed in and out and keys are only allocated for valid reasons;
- The key cabinet maintained at the Shire be locked at all times when not in use; and
- When keys are returned they be immediately returned to the locked cabinet and registers updated accordingly.

Management Comment

Management will secure the storage location of the vehicle keys. We however believe that the risk of loss for vehicles is low given that vehicles left in the yard during weekends are trucks and large plant. An electric gate is an option that we are currently looking at. This will also provide better controls over portable items such as power tools, office furniture, etc.

Responsible Officer:

Depot Supervisor and Asset and Building Coordinator

Completion Date:

September 2019



4.2.2. Information Technology
Finding Rating: Moderate

We noted the following in relation to Information Technology:

- The Business Continuity Plan, encompassing the Disaster Recovery Plan, is in the process of being updated due to the current version being outdated;
- Offsite server backups are maintained at the Civic Centre, in close proximity to the shire's Administration Office;
- Requests for user access restrictions to be amended are generally informal and do not require formal approval from Supervisor/ Directors;
- Formal requests are not required for employees to utilise their own devices (phones for emails, personal laptops for remote access via a VPN etc.) and there is a lack of documented policies and procedures relating to the use of personal devices; and
- There is currently no requirement for user passwords to be routinely changed.

Implications / Risks

- Risk of significant delays and business interruption in the event of unforeseen circumstances;
- Lack of documentation to support validity of requests to amend access restrictions;
- Increased risk of unauthorised access to systems;
- Existing procedures and practices in respect to personally owned devices are not formally documented nor are requirements of users formally acknowledged; and
- Reduced security in respect to passwords.

Recommendation

We recommend:

- Updates to the Business Continuity Plan be finalised and endorsed. Once updated the Disaster Recovery Plan should be tested to ensure procedures are adequate;
- Review and consideration be given to the Shire's current process for maintaining system backups. Due to the close proximity of the offsite backup currently maintained at the Civic Centre, events should be considered which would potentially affect both Shire Administration and the Civic Centre. We acknowledge that a proposal has been raised to manage backups via the cloud;
- Requests for amendments to user access restrictions be formally documented and evidence of approval for the changes by Supervisors/Directors is maintained;
- Requests for users to utilise their own devices for work purposes be formally documented and approved by Supervisors/Managers. Policies and procedures should also be developed in relation to the use of personal devices such as the reporting of devices when they are lost or compromised, minimum restrictions for phones to have passcodes to prevent unauthorised access etc. and any users of personal devices should formally acknowledge the policies and/or procedures which are developed; and
- Policy and/or procedure be developed and implemented which requires users to frequently change their passwords to increase security over user accounts. We suggest changes are made every 90 days or as otherwise determined appropriate.

Management Comment

Management acknowledged the comments raised and action plans will be implemented as soon as possible. The following are the summary of on-going activities in relation to the matters raised:

- The Disaster Recovery Plan is under development with estimated completion date of December 2019. We are completing a cloud backup project over the next month and once complete, we will have backups hosted in a Perth Datacentre.

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- Our network is secured via VPN which mitigates the risk associated with staff member using their own laptop/home computer. In the event of lost/stolen private devices, our network cannot be accessed without their username/password. However, we agree in controlling staff devices connecting to our Wi-Fi network. Procedures to be developed and implemented by Dec 2019.

Responsible Officer:
Manager Information Services

Completion Date:
December 2019



5. Accounting for municipal or trust transactions

5.1. Scope and approach

- Reviewed all monthly reconciliations including bank, sundry debtors, sundry creditors, fixed assets, rates debtors and rateable value reconciliations ensuring correctly reconciled and reviewed;
- Reviewed and tested in detail most recent municipal and trust bank reconciliations prepared;
- Reviewed processes in respect to BAS, FBT Return and other statutory returns preparation;
- Reviewed use of reserve funds and determined whether changes in reserve purposes have been budgeted or public notice was provided;
- Reviewed trust ledger balances; and
- Reviewed policies and procedures in respect to insurance, recording claims and insuring newly acquired assets.

5.2. Detailed findings and recommendations

5.2.1. Municipal Bank Reconciliations

Finding Rating: Moderate

At the time of our June 2019 site visit we were advised that there were unresolved reconciling differences within the municipal bank reconciliations prepared subsequent to January 2019. Action was yet to be taken to resolve these items.

Implications / Risks

Risk of material misstatement or omission within accounting records.

Recommendation

We recommend the reconciling differences are investigated and appropriate action taken to resolve.

Management Comment

The bank reconciliations for all the months up to May have all been prepared and completed. However independent reviews of the April bank reconciliation identified the need for further investigation of reconciling items dating back to February leaving January 2019 as the last bank reconciliation without unresolved differences and completed final sign-off. Nevertheless, the bank reconciliations are prepared and reviewed immediately upon the close of each month, with differences investigated on a timely manner. At the date of management response, these differences have all been reconciled and resolved.

Responsible Officer:
Coordinator Financial Services

Completion Date:
July 2019



6. Authorisation for incurring liabilities and making payments

6.1. Scope and approach

- Reviewed controls and procedures over the authorisation of purchase orders and making of payments;
- Tested sample of payments to ensure compliance with stated procedures;
- Reviewed credit card processes and procedures, and testing transactions on a sample basis;
- Reviewed petty cash processes and procedures, and testing transactions on a sample basis;
- Completed sample testing of asset additions and asset disposals;
- Reviewed asset capitalisation and depreciation policy and ensure compliance with stated policies; and
- Reviewed new loans received ensuring budgeted for or public notice provided.

6.2. Detailed findings and recommendations

6.2.1. Credit Cards

Finding Rating: Moderate

We noted the following in respect to credit card transactions:

- The reviewer of credit card statements currently signs the synergy report (itemising each transaction) and a transaction report from online banking displaying the overall payment as evidence of review rather than signing the 'actual' credit card statement;
- Cardholders do not consistently sign their associated credit card statement, acknowledging expenditure has been incurred in accordance with stated policy; and
- We identified inconsistencies whereby not all cardholders print and attach purchase orders to support expenditure.

Implications / Risks

- Lack of documentation to support credit card expenditure the review process undertaken; and
- Risk that error of fraud may not be detected on a timely basis.

Recommendation

We recommend:

- Independent reviewer signs off on the consolidated credit card statement as well as each individual card's statement;
- Cardholders sign off on their own statement, acknowledging all expenses are compliant with Council policy; and
- A consistent process is followed by all cardholders when attaching supporting documentation for credit card expenditure.

Management Comment

Management acknowledges all other comments above and will implement controls in place to address the findings.

Responsible Officer:
Manager Financial Services

Completion Date:
July 2019

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6.2.2. Tenders

Finding Rating: Moderate

Our inquiries identified that there is no overarching tender checklist utilised, rather the Shire completes tenders on a case by case basis.

Our detailed review of two tenders also identified that a formal post project review report is not prepared for projects post completion and identified the following instances where tender documentation was incomplete:

Tender 18_03

- Confidentiality declaration identified as not being witnessed, with the evaluation worksheet panel not signed by the relevant employee; and
- Tender summary provided was incomplete at the time of the review.

Tender 18_04

- Tender summary was not provided at the time of the review.

Implications / Risks

- No holistic view of all tenders undertaken by the Shire; and
- Risk the Shire is unable to demonstrate compliance with the Local Government Regulations.

Recommendation

We recommend consideration be given to developing and implementing an overarching tender checklist, to ensure all requirements for each tender process are completed and documentation is retained.

We also recommend all relevant tender documentation is correctly completed, authorised and retained in a single location to ensure available on request.

We further recommend a procedure be documented whereby projects of medium to high risk or those exceeding a predetermined value are required to be subsequently reviewed, with a formal post project review report prepared.

Management Comment

Since the review we have found a tender checklist that was in draft format. This will be used for all future tenders. An electronic tender register is to be created similar to the City of Canning and placed on the Shire's website. It is proposed that this will be used for all tenders commencing 1 July 2019. Tender register for previous years will also be uploaded to the Shire website.

Contract Monitor which is a cloud-based application is to be implemented to assist with contract management post tender being awarded.

Responsible Officer:
Manager Governance

Completion Date:
December 2019 - Ongoing

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6.2.3. Petty Cash

Finding Rating: Low

Our testing of petty cash identified the following:

- Petty cash purchases exceeding \$100 were identified at the Depot and BRAC;
- The Depot does not utilise petty cash vouchers as documented in the petty cash procedure;
- Instances of purchases being made at Bunnings and Coles where alternative purchasing methods are available (shire account at Bunnings and store cards for Coles); and
- The petty cash balance maintained at the administration office is \$700 and is recouped infrequently, inquiries indicate recoupment may be as infrequent as quarterly.

Implications / Risks

- Non-compliance with the Shire's documented procedures; and
- Risk that fraud or error may not be detected on a timely basis.

Recommendation

We recommend:

- Petty cash purchases for all locations adhere to the established petty cash procedure including purchases do not exceed \$100 and petty cash vouchers are to be utilised;
- Petty cash is not used where alternative purchasing methods are available, e.g. a store accounts or store cards; and
- Consideration be given to reducing the value of petty cash held at the Shire Administration Office as a result of infrequent recoupment.

Management Comment

Management acknowledges the comments made and will implement controls in place to address the findings.

Responsible Officer:
Manager Financial Services

Completion Date:
September 2019



7. Maintenance of payroll, stock control and costing

7.1. Scope and approach

- Completed site visit to the Broome depot and Pemberton fuel bowers to review security over stocks held and allocation / costings of stocks used (including fuel and inventory stocks);
- Reviewed the allocation of public works overheads, plant operating costs and administration overheads completed;
- Reviewed payroll controls and procedures to ensure effective controls are in place, and complete tests on a sample basis to ensure these controls were operating effectively;
- Reviewed procedures and policies in place in respect of human resource management legislative and compliance requirements, recruitment, performance appraisal, disciplinary and termination procedures and leave entitlements;
- Reviewed listing of leave taken by employees ensuring authorised leave forms completed; and
- Reviewed annual leave balances and identify employees with more than eight weeks annual leave.

7.2. Detailed findings and recommendations

7.2.1. Review of Payroll

Finding Rating: Low

Observation and enquiry with the Manager of Financial Services indicate the payroll review process encompasses several steps which are not fully documented, this includes generating variance analysis reports and other statistical analysis which is completed in excel with no records printed or saved and signed to evidence this process being undertaken consistently. We also noted some inconsistency in the documentation of the review which is evidenced via physical sign off on pay run reports produced from synergy.

Implication

Lack of documentation to support consistent review of payroll.

Recommendation

We recommend all steps which form part of the review of pay run details prior to authorisation are documented and followed consistently. We suggest this process could be more effectively documented by the production of an overall checklist incorporating aspects undertaken by both the payroll department when preparing payroll payments and the Manager of Financial Services when reviewing and approving payroll which requires sign off by both payroll in preparation and the Manager of Financial Services during review.

Management Comment

A payroll review checklist to set out the review procedures carried out by the Manager Financial Services had been implemented from 11 July payday onwards.

Responsible Officer:
Manager Financial Services

Completion Date:
July 2019 – on-going

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7.2.2. Fuel Usage Analysis
Finding Rating: Low

The Shire is currently not holistically analysing fuel usage by asset for inappropriate use i.e. there is no analysis to review fuel usage on an overall basis for each asset, on a periodic or sample basis. We acknowledge GPS tracking has been implemented and could be utilised to complete such an analysis.

Implications / Risks

Risk of fuel misappropriation.

Recommendation

We recommend the following the Shire investigate an appropriate method to analyse the use of fuel holistically, i.e. create a spreadsheet that combines the fuel purchased on fuel cards and fuel issued from the Depot. This spreadsheet should capture each Shire motor vehicle and detail every transaction in a chronological order. Once established, the fuel usage per asset could be analysed to determine whether the employee is fuelling up several times a day, over the weekend, late at night or if excessive fuel purchased against the expected route the employee is travelling etc.

Management Comment

Management utilises the Plant Costing Report which summarises all costs charged to individual plant items and facilitates review and identification of plant items with unusually high costs. Management will ensure that this report is reviewed and actioned for any notable observations.

Responsible Officer:

Completion Date:



8. Preparation of budgets, budget reviews, accounts and reports required by the Act or the Regulations

8.1. Scope and approach

- Reviewed policy and procedure manual;
- Reviewed the procedures for preparation of the monthly financial statements, annual financial statements and annual Budget, including assessment of accounting policy, notes and applicable reporting requirements and efficiency of the process;
- Reviewed monthly financial statements ensuring presented to Council within two months and information contained within monthly financial statements in accordance with Regulation 34 of Local Government (Financial Management) Regulations 1996;
- Reviewed the mid-year budget review to ensure compliance with Regulation 33A of the Local Government (Financial Management) Regulations 1996 and assessment of budgetary expenditure controls in place;
- Ensured prior year audit report and management letter have been presented to audit committee and Council; and
- Reviewed compliance with Part 6 of the Local Government Act 1995 and Local Government (Financial Management) Regulations 1996.

8.2. Detailed findings and recommendations

8.2.1. Non-Compliance with Regulations

Finding Rating: High

We noted the following matters of non compliance:

- As reported in the Shire's Annual Compliance Audit Return:
 - An occasion whereby a contract was awarded from a request for quote however the value of the work subsequently performed exceeded the tender threshold; and
 - On 3 occasions the advertisements for tenders did not include the contact person at the shire.
- The details required relating to the unspent balance of money borrowed in the previous financial year were not included in the annual budget adopted for 2018/19; and
- The details required relating to waivers or concessions were not included in the annual budget adopted for 2018/19.

Implication

- Non-compliance with Regulation 11 and 12 of the Local Government (Function and General) Regulations 1996;
- Non-compliance with Regulation 14(3)(b) of the Local Government (Functions and General) Regulations 1996;
- Non-compliance with Regulation 29(a)(iii) of the Local Government (Financial Management) Regulations 1996; and
- Non-compliance with Regulation 26(c) of the Local Government (Financial Management) Regulations 1996.

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Recommendation

We recommend:

- The value of all potential contracts be accurately forecast to ensure tenders are completed where required in accordance with Regulation 11 of the the Local Government (Function and General) Regulations 1996 and the Shire's established purchasing policy;
 - The notice for all requests for tenders includes "particulars identifying a person from whom more detailed information as to tendering may be obtained" as required by Regulation 14(3)(b) of the Local Government (Functions and General) Regulations 1996;
 - All information required for borrowings is included in the budget, including the unspent balance of monies borrowed in the previous year, "the year in which the money was borrowed" as required by Regulation 29(a)(iii) of the Local Government (Financial Management) Regulations 1996; and
 - The following details be included in the annual budget in relation to a waiver or concession:
 - A brief description of the waiver or concession;
 - A statement of the circumstances in which it will be granted;
 - Details of the persons or class of persons to whom it is available; and
 - The objects of, and reasons for, the waiver or concession.
- as required by Regulation 26(c) of the Local Government (Financial Management) Regulations 1996

Management Comment

In relation to recommendation 1, significant work is currently underway to identify opportunities to enter contracts & tenders for supplies that have the potential to exceed purchasing thresholds.

In relation to recommendation 2, the Senior Procurement and Risk Officer is now the contact person for all new Tenders.

In relation to recommendation 3, we will ensure that any unspent borrowings in the future will include information on the year in which the money was borrowed.

In relation to recommendation 4, the statutory budget document already provided brief description of the discount provided and circumstances in which it was granted. We will ensure that future budget documents will disclose the details of the persons to whom it is available and, if applicable, the objects and reasons for the discount.

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8.2.2. Investment Policy

Finding Rating: Low

Our review of the Investment Policy identified that it does not specify a minimum number of quotes to be obtained prior to reinvesting funds with financial institutions.

Implication / Risk

Risk Council may not receive a competitive rate of return on invested funds.

Recommendation

We recommend Council consider whether this requirement be included within the Shire's investment policy.

Management Comment

We have been obtaining quotes from various banks including NAB, CBA, Bankwest and Westpac as a matter of practice. Policy 2.2.3 Investment of Surplus Funds will be updated to formalise this customary practice of obtaining competitive quotes.

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8.2.3. Risk Management Strategy and Procedures

Finding Rating: Low

We noted the Shire's *Risk Management Strategy and Procedures* makes references to Australia/New Zealand ISO 31000:2009 Risk Management which has been updated and replaced by Australia/New Zealand ISO 31000:2018, with an effective date of January 2019.

Implications/Risks

Risk the Shire's Risk Management policies and procedures are out of date.

Recommendation

We recommend the Shire review and update the *Risk Management Strategy and Procedures* accordingly.

Management Comment

Noted. Framework is currently being updated.

Item 5.1 - 2019 FINANCIAL MANAGEMENT REVIEW



9. Guidance on Risk Assessment

Risk is uncertainty about an outcome. It is the threat that an event, action or non-action could affect an organisation's ability to achieve its business objectives and execute its strategies successfully. Risk is an inherent component of all service activities and includes positive as well as negative impacts. As a result not pursuing an opportunity can also be risky. Risk types take many forms – business, economic, regulatory, investment, market, and social, just to name a few.

Risk management involves the identification, assessment, treatment and ongoing monitoring of the risks and controls impacting the organisation. The purpose of risk management is not to avoid or eliminate all risks. It is about making informed decisions regarding risks and having processes in place to effectively manage and respond to risks in pursuit of an organisation's objectives by maximising opportunities and minimising adverse effects.

Our guidance to risk classification in accordance with Risk Management- Principles and Guidelines Standard AS ISO 31000-2018 and are based on the Shire of Broome's Risk Management Framework.

Risk is the probability that an event or action may adversely affect the organisation. Risk is assessed based on the relationship between consequence and likelihood.

- Likelihood is the chance that the event may occur given knowledge of the organisation and its environment.
- Consequence is the severity of the impact that would result if the event were to occur.

The risk rating for each finding was based on the following table which has been extracted from the Shire of Broome's *Risk Management Strategy and Procedures*:

Risk Matrix					
Consequence	Insignificant	Minor	Moderate	Major	Catastrophic
Likelihood	1	2	3	4	5
Almost Certain	5	Moderate (5)	High (10)	High (15)	Extreme (20)
Likely	4	Low (4)	Moderate (8)	High (12)	Extreme (20)
Possible	3	Low (3)	Moderate (6)	High (12)	High (15)
Unlikely	2	Low (2)	Low (4)	Moderate (6)	High (10)
Rare	1	Low (1)	Low (2)	Low (3)	Moderate (5)

Any compliance breaches identified have been communicated within our report.

5.2 1ST QUARTER FINANCE AND COSTING REVIEW 2019-20

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	FRE02
AUTHOR:	Manager Financial Services
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	11 November 2019

SUMMARY: The Audit Committee is requested to consider results of the 1st Quarter Finance and Costing Review (FACR) of the Shire's budget for the period ended 30 September 2019, including forecast estimates and budget recommendations to 30 June 2020.

BACKGROUNDPrevious Considerations

OMC 27 June 2019 Item 9.4.2
 OMC 17 October 2019 Item 12.1

Quarter 1 Finance and Costing Review

The Shire of Broome has carried out its 1st Quarter Finance and Costing Review (FACR) for the 2019/20 Financial Year. This Review of the 2019/20 Annual Budget is based on actuals and commitments for the first 3 months of the year from 1 July 2019 to 30 September 2019, and forecasts for the remainder of the financial year.

This process aims to highlight over and under expenditure of funds and over and under achievement of income targets for the benefit of Executive and Responsible Officers to ensure good fiscal management of their projects and programs.

Once this process is completed, a report is compiled identifying budgets requiring amendments to be adopted by Council. Additionally, a summary provides the financial impact of all proposed budget amendments to the Shire of Broome's adopted end-of-year forecast, to assist Council to make an informed decision.

It should be noted that the 2019/20 annual budget was adopted at the Ordinary Meeting of Council on 27 June 2019 as a balanced budget. There have been further amendments adopted by Council as part of the Annual Financial Statements for the use of additional carried forward surplus. The result of all amendments prior to the first quarter FACR is a nil impact upon the Shire of Broome's forecast end of year position.

COMMENT

The Quarter 1 FACR commenced on 30 October 2019. The results from this process indicate a deficit forecast financial position to 30 June 2020 of \$187,167 should Council approve the proposed budget amendments.

Chairperson.....Date.....

Officers make every effort to ensure that the net impact of each FACR is as minimal as possible. However, the net deficit forecasted mainly relates to:

- \$160,000 in additional rates due to the omission of 5 properties from the GRV roll provided by Landgate;
- \$106,000 in additional Chinatown project management costs including shade lighting design, and predicted expenses for ongoing Defects Period and Dispute resolution;
- \$70,000 for improvements to Ranger and Health business systems to increase efficiencies and payment methods;
- \$50,000 for the recruitment of a 6-month ICT Project Officer to progress the backlog of ICT projects due to staff vacancies, and assist with business system improvements;
- \$42,000 decrease in actual Federal Assistance Grants (FAGS) received.

The above figure represents a budget forecast should all expenditure and income occur as expected. It does not represent the actual end-of-year position which can only be determined as part of the normal annual financial processes at the end of the financial year.

A comprehensive list of accounts (refer to Attachment 1) has been included for perusal by the committee and summarised by Directorate.

A summary of the results follows:

SHIRE OF BROOME SUMMARY REPORT						
BUDGET IMPACT						
	2019/20 Adopted Budget (Inc) / Exp	FACR Q1 Overall (Inc) / Exp	FACR Q1 Org. Exp/ (Org Savings) (by Dept)	FACR Q1 Impact (Inc) / Exp (less Org Savings)	YTD Adopted Budget Amend. (Inc) / Exp	YTD Impact (less Org Savings)
Executive	0	82,000	65,000	17,000		17,000
Corporate Services	0	-221,461	-202,461	-19,000		-19,000
Development and Community	0	84,355	15,986	68,369		68,369
Infrastructure	0	162,141	40,893	121,248		121,248
Impact of Council approved budget amendments	0	0	0	0		0
Net impact of Org Savings/Expenditure	0	0	0	0		0
	0,000*	107,035	-80,582	187,617	0,000†	187,617

CONSULTATION

All amendments have been proposed after consultation with Executive and Responsible Officers at the Shire.

STATUTORY ENVIRONMENT

Local Government (Financial Management) Regulation 1996

Chairperson.....Date.....

r33A. Review of Budget

- (1) Between 1 January and 31 March in each financial year a local government is to carry out a review of its annual budget for that year.
- (2A) The review of an annual budget for a financial year must —
 - (a) consider the local government's financial performance in the period beginning on 1 July and ending no earlier than 31 December in that financial year; and
 - (b) consider the local government's financial position as at the date of the review; and
 - (c) review the outcomes for the end of that financial year that are forecast in the budget.
- (2) Within 30 days after a review of the annual budget of a local government is carried out it is to be submitted to the council.
- (3) A council is to consider a review submitted to it and is to determine* whether or not to adopt the review, any parts of the review or any recommendations made in the review.
*Absolute majority required.
- (4) Within 30 days after a council has made a determination, a copy of the review and determination is to be provided to the Department.

Local Government Act 1995

6.8. Expenditure from municipal fund not included in annual budget

- 1) A local government is not to incur expenditure from its municipal fund for an additional purpose except where the expenditure —
 - (a) is incurred in a financial year before the adoption of the annual budget by the local government;
 - (b) is authorised in advance by resolution*; or
 - (c) is authorised in advance by the mayor or president in an emergency.
- (1a) In subsection (1) —
"additional purpose" means a purpose for which no expenditure estimate is included in the local government's annual budget.

POLICY IMPLICATIONS**2.1.1 Materiality in Financial Reporting**

It should be noted that according to the materiality threshold set in Policy 2.1.1 Materiality in Financial Reporting, should a deficit achieve 1% of Shire's operating revenue (\$422,176) the Shire must formulate an action plan to remedy the over expenditure.

FINANCIAL IMPLICATIONS

The **net result** of the Quarter 1 FACR estimates indicate that there will be a budget deficit position of \$187,617 to 30 June 2020.

RISK

The Finance and Costing Review (FACR) seeks to provide a best estimate of the end-of-year position for the Shire of Broome at 30 June 2019. Contained within the report are recommendations of amendments to budgets which have financial implications on the estimate of the end-of-year position.

Chairperson.....Date.....

The review does not, however, seek to make amendments below the materiality threshold unless strictly necessary. The materiality thresholds are set at \$10,000 for operating budgets and \$20,000 for capital budgets. Should a number of accounts exceed their budget within these thresholds, it poses a risk that the predicted final end-of-year position may be understated.

In order to mitigate this risk, the CEO enacted the FACRs to run quarterly and Executive examine each job and account to ensure compliance. In addition, the monthly report provides variance reporting highlighting any discrepancies against budget.

It should also be noted that should Council decide not to adopt the recommendations, it could lead to some initiatives being delayed or cancelled in order to offset the additional expenditure associated with running the Shire's operations.

STRATEGIC IMPLICATIONS

Our People Goal – Foster a community environment that is accessible, affordable, inclusive, healthy and safe:

Effective communication

Affordable services and initiatives to satisfy community need

Our Prosperity Goal – Create the means to enable local jobs creation and lifestyle affordability for the current and future population:

Affordable and equitable services and infrastructure

Key economic development strategies for the Shire which are aligned to regional outcomes working through recognised planning and development groups/committees

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

An organisational culture that strives for service excellence

Sustainable and integrated strategic and operational plans

Responsible resource allocation

Improved systems, processes and compliance

VOTING REQUIREMENTS

Absolute Majority

**COMMITTEE RESOLUTION:
(REPORT RECOMMENDATION)**

Moved: Cr D Male

Seconded: Cr C Mitchell

That the Audit and Risk Committee recommends that Council:

Chairperson.....Date.....

1. *Receives the Quarter 1 Finance and Costing Review Report for the period ended 30 September 2019;*
2. *Adopts the operating and capital budget amendment recommendations for the year ended 30 June 2020 as attached;*
3. *Notes a forecast end-of-year position to 30 June 2020 of a \$187,617 deficit position; and*
4. *Approves a budget transfer to the Public Open Space Reserve of \$80,582 to quarantine potential surplus funds at the end of the financial year*

CARRIED UNANIMOUSLY BY ABSOLUTE MAJORITY 3/0

Attachments

1. 2019/20 Q1 FACR Review

Chairperson.....Date.....

Item 5.2 - 1ST QUARTER FINANCE AND COSTING REVIEW 2019-20

SHIRE OF BROOME FINANCE & COSTING REVIEW QUARTER 1 2019-20

30/09/2019									
Account	Job	Description	2019/20 Current Budget	2019/20 YTD Actuals	Proposed Budget Amendment	Proposed Budget	Reserve Movement	Amendment Description	Org. Savings / Expense
OFFICE OF THE CEO									
ADMIN1 - Chief Executive Officer - S Mestrombo									
22124		Contribution to Kimberley Zone Secretariat	65,000	0	-15,000	50,000		\$15K saving from designated project contribution no longer required and reduced member annual contribution for 19/20.	-15,000
					-15,000				
ADMIN2 - Personal Assistant To CEO - L Bertney									
24010		Conferences Travel & Accom Op Exp - Members	42,000	14,330	20,000	62,000		\$20k for recently legislated Council Essentials Training	20,000
					20,000				
CB3 - Manager People and Culture - R Sharland									
142006		Salary - Op Exp - Human Resources	305,031	64,346	-12,000	293,031		Saving to cover relief staff cost	-12,000
142008		Relieving Staff Exp - HR	0	11,053	12,000	12,000		Short term Labour Hire Contract to cover vacancy in team	12,000
142046		Recruitment Expenses - Op Exp - General Admin O'heads	120,000	13,303	-25,000	95,000		Savings identified to date. Noting Exec recruitment being undertaken internally.	
142048		HRM Consultancy - Op Exp	20,000	0	42,000	62,000		\$10k saving identified in external investigations. Additional expense for Outside EBA consultant (\$15K). Workforce planning (\$20K). Staff culture survey (\$17K).	
					17,000				
ES7 - Special Projects Coordinator - J Macmath									
1367303		Other Income Received - Op Inc - Economic Services Special Pr	-60,000	0	60,000	0		No external funding contributions expected.	60,000
					60,000				

OVERALL OFFICE OF THE CEO - DEPT. SAVINGS/EXPENSE

82,000

OFFICE OF THE CEO - ORG. SAVINGS/EXPENSE

65,000

RESERVE MOVEMENT - OFFICE OF THE CEO

0

OFFICE OF THE CEO - NET IMPACT (EXC. ORG.SAVINGS/EXPENSE)

17,000

DEVELOPMENT & COMMUNITY

D81 - Director Development & Community - A Blayt									
106106	106123	Project - LPS & LPS6 - Op Exp - Development Services	0	6,020	6,020	6,020		Final invoice for Hames Sharley building heights review in 18/19 that was only received in 19/20.	
					6,020				
BRAC1 - Manager Sport & Recreation - C Zapnick									
113317		CSRFF & RDAF Grants & Non Operating Other Income for Park	-25,000	0	25,000	0		CSRFF application not successful for Skate Park Design. Proposed to be fully self funded.	
113708		Grant Funded Operational Expense - Rec Serv	20,000	0	-20,000	0		Kidsport now managed/administered centrally by DLGSC.	
113751		Operating Grants & Contributions Rec'd - Recreation Services - C	-30,000	0	20,000	-10,000		Kidsport now managed/administered centrally by DLGSC.	
117081	117082	General Building & Facility Maint - BRAC Dry - Op Exp	64,417	6,746	-44,417	20,000	-44,417	Tennis court fencing project budget created twice (117318). Transferred back to BRAC reserve	
117720		Transfer From BRAC Reserve - Cap Inc - BRAC Aquatic	-44,417	0	44,417	0		Tennis court fencing project budget created twice (117318). Transferred back to BRAC reserve	

Item 5.2 - 1ST QUARTER FINANCE AND COSTING REVIEW 2019-20

117294		Grant Income - Non-Op Inc - BRAC Dry	-2,554,889	-511,850	488,000	-2,066,889	Reduce by \$500k for unsuccessful federal government grant for outdoor courts	
117300	117365	Building New Construction Expense - BRAC Dry - Cap Exp	2,579,869	17,320	-500,000	2,079,869	Projected variation request for DFES grant of \$12500 for stadium fans.	
117372	117373	Furniture & Equip - New - BRAC Dry	105,959	8,516	25,000	130,959	BRAC Multiport Courts - Reduce the budget for the amount expected to be received from Federal Government but no longer to be received.	
					38,000		Projects have commenced. Fans RFQ undertaken. Over budget by \$25k.	
B51 - Manager Planning & Building Services - K Wood								
106030	106055	Planning General Project Consult - Op Exp Town Planning/Reg	140,000	0	10,000	150,000	RFQ responses received for the local planning scheme review and the Town Beach Erosion Study. Need additional \$10K.	
					10,000			
CM54 - Venue Supervisor - S Bown								
116483		Broome Civic Centre Operational Grants & Contributions - Op Inc	-104,000	0	104,000	0	Unsuccessful Audience Engagement Grants from Lotterywest of \$24k due to level of funding already allocated to other Shire of Broome projects.	
116473		Transfer From Restricted Cash Reserve - Broome Civic Centre Grants - Cap Inc	0	0	-80,000	-80,000	\$80K Raise the Roof funding was budgeted as grants rather than transfer from reserves. \$80K already received in advance and sitting in restricted cash reserve.	
					24,000		\$80K of Raised the Roof grants already received in the past years and budgeted as grants rather than transfer from reserve.	
REQ54 - Place Development and Activation Coordinator - J Mikhlik								
82675		Grants For Community Programs - Op Inc - Community Services	-17,000	-10,455	-10,500	-27,500	Incoming grants from Community Crime Prevention Fund for Operation Bounce Back Community Engagement (\$10,000) and Marna Jarndu Women's Refuge as contribution towards Purple Bench (\$500)	
136723		Economic Development Program Expense - Place Making Officer Activation -Op Exp - Other Economic Services MUN	219,850	5,067	10,500	230,350	Additional grants from Community Crime Prevention Fund for Operation Bounce Back Community Engagement (\$10,000) and Marna Jarndu Women's Refuge as contribution towards Purple Bench (\$500)	
1367301		Grants & Contributions Received - Op Inc - Economic Services S	-65,478	0	32,739	-32,739	Duplicated budget when set up as part of the balanced budget and again as a carryover.	
					32,739		32,739	
H51 - Manager Health & Ranger Services - VACANT								
52119	52101	Emergency Management Response Expenses - Op Exp - Emerg	40,000	0	-20,000	20,000	Confirmed reduction of expense upon engagement of contractors for new compliance program.	
74010		Salary - Op Exp - Preventive - Inspection/Admin	434,589	84,524	-18,373	416,216	Additional relief staff covered by salary savings, salary and accommodation.	
74011		Relief Staff Expenses - Op Exp - Preventive - Inspection/Admin	0	10,431	18,373	18,373	Additional relief staff covered by salary savings, salary and accommodation.	
75391		Grants and Contributions Rec'd Op Inc - Prev Svcs - Pest Control	0	0	-5,589	-5,589	CLAG funding from DoH that wasn't determined until Aug and therefore not previously budgeted.	
					-20,589		-5,589	
LS1 - Library Coordinator - S Eaton								
115380		Grant Op - State SLWA Library Grant	-9,842	-733	8,836	-806	Regional funding no longer available for Activity Plan. Late decision by SLWA after budget completed for 19/20. Replaced by applying for travel grant for training.	
115431		Income Library (photocopier mobile and fax services) - Op Inc - L	0	-4,915	-9,651	-9,651	Services not previously expected to generate income. Budget based on 18/19 actuals.	
					-815			
OVERALL DEVELOPMENT & COMMUNITY - DEPT. SAVINGS/EXPENSE					84,365	DEVELOPMENT & COMMUNITY - ORG. SAVINGS/EXPENSE		15,986
RESERVE MOVEMENT - DEVELOPMENT & COMMUNITY						-124,417		
DEVELOPMENT & COMMUNITY - NET IMPACT (EXC. ORG.SAVINGS/EXPENSE)					68,369			

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CORPORATE SERVICES										
CS1 - Director Corporate Services - J Watt										
142232		LGIS Insurance Funded Expenses (Inc in 142393) - Op Exp - Corp Gov	204,640	9,163	-74,000	130,640		Actual costing of projects have been confirmed (\$15K BCP, \$15K RelianSys Project Brief, \$30K Risk Framework Reser (consultancy), \$30K Contractor Induction)	-54,000	
142393		LGIS Insurance Bonus & Funding (Exp in 142232) - Op Inc - Corp Gov	-25,000	-33,462	-41,924	-66,924		17/18 LGIS Insurance rebate and dividend	-41,924	
					-118,924					
CS2 - Manager Financial Services - A Santiago										
22200		Audit Fees Op Exp - Other Governance	110,500	-76,875	-35,500	75,000		OAG External Audit - \$65,000 Various Grant Acquittal Audits - \$10,000	-35,500	
30105		Rates Broome - Op Inc - Rates	-22,798,521	-23,135,661	-160,924	-22,959,445		GRV for 5 properties not included on the valuation roll and were subsequently rated additional \$160,924.	-160,924	
30146		Interest - Rates Instalments - Op Inc - Rates	-140,000	-135,558	-10,000	-150,000		2423 ratepayers who signed up for instalment and payment arrangements compared to 2329 of the same period last year.	-10,000	
30301		Grants Commission - Op Inc - Other General Purpose Funding	-955,818	-233,433	89,839	-665,979		WALGOC confirmed FAGS Grant is \$665,979	89,839	
120305		WALGOC Road Grants United Op Grant Rec'd	-366,107	-86,338	-16,998	-383,105		WALGOC confirmed FAGS Road Grants Grant is \$383,105	-16,998	
121761		Aboriginal Roads Non Op Grant from MRWA - Op Inc - Rd Const	-18,000	-4,800	-30,000	-48,000		WALGOC confirmed FAGS Special Projects Grant is \$30,000	-30,000	
142394		Legal Employee Leave & Other No GST Reimb from Others Op Inc - Corp Gov	0	-16,883	-17,000	-17,000	-17,000	LSL entitlement paid by other shires and to be transferred to reserve.		
141997		Transfer to Leave Reserve - Cap Exp - Corp Gov & Support	38,700	238	17,000	55,700	17,000	RC: BA - Coordinator Financial Services - Y WANG ~ LSL Entitlements transfer from Shire of Toodyay \$9476.88 *Former staff LSL Entitlement transfer from City of Swan \$7136.22	17,000	
					-163,583					
CS4 - Manager Governance - D Kennedy										
23453		Review of Strategies Relating to the Community Strategic Plan - Op Exp - Other Gov	25,000	0	-25,000	0		Phase 2 of SCP included twice under DCS and MG	-25,000	
					-25,000					
CS6 - Manager Information Technology - C Coulson										
146105		Salary - Op Exp - IT MUN	329,980	103,660	30,000	359,980		6 month ICT Project Officer to assist with SynergySoft improvements and backlog of ICT project work behind due to staff vacancies		
146106		Salary - Op Exp - Records MUN	250,190	75,741	-12,000	262,190		Salary savings to offset ICT Project Officer		
146120		Equip & H/Ware > \$5000 Cap Exp - IT	222,954	0	-4,954	218,000		18/19 Safety Grant funds for CCTV received in 19/20. Project fully expended.	-4,954	
146122		Software > \$5,000 Cap Exp - IT MUN	161,000	51,155	70,000	231,000		Altus Infringement and Inspection System to improve operational efficiencies of Ranger, Health and Building teams.	70,000	
					83,046					
OVERALL CORPORATE SERVICES - DEPT. SAVINGS/EXPENSE					-221,481	CORPORATE SERVICES - ORG. SAVINGS/EXPENSE				-202,461
RESERVE MOVEMENT - CORPORATE SERVICES					0					
CORPORATE SERVICES - NET IMPACT (EXC. ORG.SAVINGS/EXPENSE)					-19,000					
INFRASTRUCTURE SERVICES										
ES1 - Director Infrastructure - A Graffen										

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121762		State Direct MRWA/RRG Rd Maint Op Grant Rec'd	-198,000	0	-21,242	-219,242	Income was invoiced \$219,242. MRWA/RRG Additional Funding
143038		Consultants Engineering Office	175,000	79,164	15,000	190,000	Future expenses to finalise settlement of CRP
143049		Relief Staff Exp - P&G - Gen Admin	108,000	0		108,000	
143055		Relieving Staff Exp - Works - Gen Admin	43,200	0		43,200	
143621		Vehicle & Plant New - Cap Exp - P&G Operations	60,000	0	-13,000	47,000	-13,000 Actual purchase occurred in October and resulted in savings. Request for saving to be allocated to purchase of New Commercial Scrubber for Cleaning of exposed aggregate in Chinatown and Town Beach.
1367402		Chinatown Revitalisation Project Management - Cap Exp - Economic Services Special Projects	0	357	106,000	106,000	\$42K B3 Consulting, \$40K ACOR, \$7K Shade Lighting Design, \$7K RLB, ACOR predicted expense for ongoing Defects Period and Dispute resolution \$10K
1367504		Grants & Contr. Received Non Op - Cap Inc - Economic Services Special Projects	0	-23,321	-23,321	-23,321	Additional interest received from Chinatown Grant Funding deposited with WATC as the close-out did not occur until 8 August. - transfer to Infra to offset CI costs
123000		Rural Road Maintenance - Op Exp - Rd Maint	1,993,476	386,024	-485,880	1,507,596	Transfer of labour, plant and overhead budgets originally budgeted for Cape Leveque Road to Youth Bike Precinct, Carparks and Cemeteries
118142	YBRA001	Youth Bike Recreation Area - New Construction - Cap Exp	507,360	82,135	140,320	647,680	Transfer of labour, plant and overhead budgets originally budgeted for Cape Leveque Road to Youth Bike Precinct
121990		Carparks Road Reserves-Linemarking Maint & Signs - Op Exp - Mtce Streets Roads Bridges	45,777	4,148	78,040	123,817	Transfer of labour, plant and overhead budgets originally budgeted for Cape Leveque Road to Carparks
107550	107556	Broome Cemetery New Infrastructure Cap Exp	27,514	2,070	66,880	94,394	Transfer of labour, plant and overhead budgets originally budgeted for Cape Leveque Road to Broome Cemeteries
113550	113560	Cemetery Reserve New Infra Const - Cap Exp - Parks & Ovals	76,200	0	200,640	276,840	Transfer of labour, plant and overhead budgets originally budgeted for Cape Leveque Road to Broome Cemeteries
					63,437		
E83 - Manager Works - J Walehman							
143601		Proceeds from Sale of Assets - Cap Inc - Parks & Gardens Operations	-143,727	-6,000	13,000	-130,727	Old plant items to be utilised by the new positions rather than purchasing new vehicle and trailer.
					13,000		
E85 - Works Coordinator - D Greeves							
102202	102202	Drainage - Works Maint	142,830	16,549	10,000	152,830	Kestral outfall repair.
121000	121560	McDaniel Rd - Archer to Ward Stage 1 New Rd Const - Cap Exp	0	54,630	1,000,000	1,000,000	Budget reallocation. Transfer from 121108. Waiting for the confirmation of additional R2R \$327K
121100	121108	McDaniel Rd Upgrade Const - HIA All Streets	1,097,100	0	-1,000,000	97,100	Budget reallocation. Transfer to 121560. Waiting for the confirmation of additional R2R \$327K
121217	121217	Urban Street House Number - Works Maint	30,467	1,065	5,000	35,467	Finish Street House numbering in 19/20 financial year.
122000	121011	Sector 1 Chinatown - Works Maint	152,350	95,732	26,000	178,350	Additional cost of \$5K for cleaning, \$2K oiling, \$10K resal exposed, \$9K concrete crusher dust labour will double
					41,000		
E86 - Senior Project Engineer - Luke McKenzie							
113403		Grants - Non Op - Cap Inc - Other Rec & Sport	-3,216,243	-145,800	-1,214,678	-4,430,921	Additional grant \$1,214,678 for Lotterywest TB Stage 2 on expense account 111814070*
1181407		Town Beach Redevelopment - Greenspace Stage 2 - Cap Exp	0	0	1,214,678	1,214,678	Additional grant \$1,214,678 for Lotterywest TB Stage 2 on expense account 111814070*
					0		
E88 - Waste Coordinator - T Parkinson							
101030	101050	Weighbridge Operations - Op Exp - San Gen Refuse	146,812	96,475	10,000	156,812	Electrical, cameras computer, voice box and timing of licence expenses
101080	101081	WMF - Reactive Maint - Op Exp	4,000	2,430	5,000	9,000	Various minor repairs, lunchroom, air conditioner etc
101285		Minor Assets, Equipment & Consumables - Op Exps - Sanitation Gen Refuse	5,000	2,664	5,000	10,000	Various minor consumables, water, stationary
101423		Sundry Income (Inc. GST) - Op Inc - Sanitation Gen Refuse	-15,000	-92,902	-160,000	-175,000	Forecast additional income from Sanitation from steel recycling.
101080	101082	WMF - Planned Maint & Minor Works - Op Exp	3,500	418	25,000	28,500	RO: PM2 - Asset and Building Coordinator - S Clark various minor repairs, lunchroom, air conditioner etc
101895		Transfer to Regional Resource Recovery Park Reserve - Cap Exp - Reg Res Rec Pk	346,466	3,220	115,000	461,466	115,000 Transfer to resulting surplus to RRRP reserve

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					0				
ES9 - Manager Engineering - P Collins									
121763		Black Spot Non Op Grant (Commonwealth/Federal)	-860,754	-344,301	-10,189	-870,943		First 40% Claim for Herbert/Saville & Gus Winkle/Old Broome Rd. Additional Grants Income	
					-10,189				
PG3 - Parks Coordinator - C Hankinson									
105054	105054	Coastal Management Protect Environment- P&G Maint	38,668	1,034	20,000	58,668		Cable Beach Lookout and stairs repair	
107552	107561	Broome Cemetery Renewal by P & G - Cap Exp	0	3,432	5,000	5,000		Delayed invoices for variations to the 18/19 Fencing Upgrades	
113000	113041	Cable Beach Road - P&G Maint	13,182	4,960	8,000	21,182		Additional cost of pruning and thinning mahogany trees.	
113000	113030	Frederick Street Lookout (R39556)- P&G Maint	7,440	14,293	5,000	12,440		Budgeted to be outsourced, RFQ to be written. Cultural Monitors for construction works in 2018/19	
					38,000				
PM3 - Property and Leasing Senior Officer - A Rowett									
117210	117213	Father McMahon Oval Lighting - Reactive Maint - Op Exp	1,300	40,893	40,893	42,193		Reactive maintenance due to wire damaged by birds.	40,893
134212		Cable Beach Camel Tours (Res 52985) - Rent & Recoup Income - Op Inc	-24,000	-16,000	-24,000	-48,000		Income increased with rent and recoup from both camel leases now going into this account	
					16,893				

OVERALL INFRASTRUCTURE SERVICES - DEPT. SAVINGS/EXPENSE	162,141	INFRASTRUCTURE - ORG. SAVINGS/EXPENSE	40,893
RESERVE MOVEMENT - INFRASTRUCTURE	102,000		
INFRASTRUCTURE SERVICES - NET IMPACT (EXC. ORG.SAVINGS/EXPENSE)	121,248		

5.3 RISK MANAGEMENT BIENNIAL UPDATE REPORT

LOCATION/ADDRESS:	Nil
APPLICANT:	Nil
FILE:	COA01
AUTHOR:	Manager Governance, Strategy and Risk
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Director Corporate Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	4 November 2019

SUMMARY:

The Shire of Broome Risk Profiles Register incorporates a list of risk categories currently used to report to the Audit and Risk Committee (ARC) on the Shire's risk management framework.

This report provides an update on;

- risk improvement initiatives over the last 6 months;
- research into a new risk management framework approach; and
- a high-level outline of steps required to implement the new risk management framework approach.

BACKGROUND

Audit Regulation 17 came into effect in 2013.

It requires the Chief Executive Officer to review the appropriateness and effectiveness of a local government's systems and procedures in relation to:

- (a) risk management;
- (b) internal control; and
- (c) legislative compliance.

The Risk Profiles Register developed by Local Government Insurance Services (LGIS) were designed to allow local governments to be compliant with Audit Reg 17.

However, the long-term appropriateness of this tool has recently been questioned as the use of risk profiles creates a siloed approach to risk management that has the potential to cause:

- risk events to not be identified or managed;
- significant duplication;
- significant control gaps and lack of assurance.

Put another way, the risk profiles demonstrate that the Shire is doing risk management rather than managing risk.

COMMENT**Biannual Report on Risk Improvement initiatives**

The following activities have been undertaken over the period May 2019 – October 2019.

Risk Action	Status
Insurance Strategy or Policy to be developed	<p>LGIS have been engaged to complete a comprehensive Insurance Risk Profiling exercise. The field work has been completed with the full report and recommendations expected by the end of November.</p> <p>This will inform the 2020/21 insurance renewal process as well as documenting the Shire's current insurance status, listing known uninsurable infrastructure/events and commencing the discussion on the Shire's appetite for self insurance in certain areas such as excesses applied to policies and workers compensation.</p>
Workforce Plan	Consultant has commenced update with full report expected by February 2020.
Risk Management Training	Manager of Governance, Strategy and Risk completing Advanced Diploma of Governance, Risk and Compliance.
Business Continuity Plan	<p>Desktop review completed and LGIS engaged to undertake full review including training workshops and exercises with relevant staff in December.</p> <p>Cloud backup implemented with full backup now hosted in Data Centre in Perth.</p>
ICT Security	Access Policy developed and implemented including password policy and access authorisation process.
Statement of Business Ethics	Adopted by Council at the August 2019 Ordinary Meeting of Council.
Contract Management Training	<p>LGIS have conducted a Contract Risk Management workshop for 12 staff heavily involved in contract management and procurement.</p> <p>WALGA will be completing 3 days of contract management training for approximately 20 people at the end of November covering:</p> <ul style="list-style-type: none"> • Planning & Specification Development • Evaluation, Supplier Selection & Contract Establishment; and • Managing Contracts in Local Government.
RelianSys – Compliance Software	FACR1 has a recommendation to implement RelianSys which is a specialised software package to provide greater legislative compliance assurance. This is a focus area of the OAG.

New Risk Management Framework Approach

The Shire's existing Risk Management Policy, Strategy and Procedures are due for review.

Research and a referral from the City of Bunbury have led to an investigation of a risk management framework approach developed by a Risk Management expert based in Canberra. The approach is rapidly gaining popularity and being implemented by federal, state and local government agencies on the east coast.

This growth is being driven out of frustration that traditional approaches to risk management have led to questionable improvements in risk management practices and have not provided the control assurance nor prioritisation of effort that AS/NZS/ISO 31000 Risk Management – Principles and Guidelines aims to deliver.

Risk Events

The majority of risk registers and risk profile registers detail a substantial amount of causes and consequences. However, the focus should be on defining the much smaller number of events/incidents that, if they occur will have a material impact on the Shire's objectives.

Local governments on a whole have the same core risks with some variability due to different service delivery. Why is it then that local governments have all developed different risk registers with different risk contexts?

The Canberra consultant is currently developing a series of common risk libraries for various industries. The Shire of Broome has been asked to participate in the consultation process to develop the common risk library for local government. It is envisaged that this will lead to a risk library of 30 – 40 initial events/incidents that local governments will focus on.

Example risk events might include:

- disruption to the collection of rubbish,
- explosion at bulk fuel storage facility at depot
- member of staff or elected member accepting benefits for approval of works.

The Risk Management Process will then be applied to the Risks as follows:



As the risk management process is applied it will enable the Shire to prioritise its focus and scarce resources to those risk events with the highest probable consequence and consciously accept those risks that do not need any further controls or treatments to comply with Council's approved risk appetite.

Strategic vs Operational Risks

The below diagram defines in simple terms the difference between Strategic vs Operational risks

The new risk management framework will look to create separate risk registers for Strategic and Operational Risks as they require a different management approach. Typically, strategic risks would be managed by the Council whereas operational risks are managed by the CEO and reported to the Council as required.

In essence, strategic risks are events beyond the control of the Shire however require strategies to mitigate should an event occur.

Strategic vs Operational Risks

Strategic Risks

Risks where the causes are external to the organisation that, if they were to occur, would be serious enough that a change in *strategic direction* may be required. Managed by the Board.

Operational Risks

Risks where the causes are internal or external to the organisation that, if they were to occur, would impact the achievement of the *current strategy*. Managed within the business but reported to the Board

Strategic Risks = Threats (SWOT Analysis)

To transition the Shire's Risk Management Framework the focus areas over the next 6 – 12 months will be on:

Updating current documentation.

This will involve revising the current Risk Management Policy, developing a Risk Management Plan and updating Risk Management Procedures.

Integral to updating the Risk Management Procedures will be getting Council to review its risk appetite. The current risk appetite was defined through the development and endorsement of the Shire's Risk Assessment and Acceptance Criteria with the help of LGIS in 2016.

Currently the Shire has 7 consequence or impact categories that risk assessments are assessed against:

- Health
- Financial Impact
- Service Interruption
- Compliance
- Reputational
- Property
- Environment.

In reality, service interruption, property and environmental are risks events Therefore it is envisaged that impact categories can be simplified to four categories below. This will improve the efficiency and understandability of the Risk Assessment Process:

- Financial impact
- Health/Safety impact
- Reputational impact
- Compliance impact.

Risk Register Development

A Consultant will be engaged to assist with the initial creation of the Strategic and Operational Risk Registers. This will involve workshops and training with both elected members, the executive and managers. At an operational level, each risk will be assigned to a member of the Executive Management Group and accountability for controls will predominately fall to managers and supervisors who will form the Shires Risk Tactical Advisory Group (R-TAG)

This approach will assist to embed risk management into the Shire's normal business processes as risk management should not be seen as a separate function or a compliance activity. Risks are already being managed on a daily basis and therefore should be part of business as usual as depicted below:



Ultimately, the primary benefit to be obtained from risk management is to facilitate the making of risk informed decisions.

CONSULTATION

The existing R-TAG have discussed the need to reset the risk management context within the R-TAG, so that focus is applied to control effectiveness and assurance for identified high risk events.

STATUTORY ENVIRONMENT

Local Government (Audit) Regulations 1996 16.

Audit committee, functions of

An audit committee —

- (c) is to review a report given to it by the CEO under regulation 17(3) (the CEO's report) and is to —
 - (i) report to the council the results of that review; and (ii) give a copy of the CEO's report to the council.

17. CEO to review certain systems and procedures

- (1) 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.
- (2) The review may relate to any or all of the matters referred to in subregulation (1)(a), (b) and (c), but each of those matters is to be the subject of a review at least once every 2 calendar years.
- (3) The CEO is to report to the audit committee the results of that review.

POLICY IMPLICATIONS

- 2.1.1 Legislative Compliance
- 2.1.4 Risk Management
- 2.2.1 Internal Control

FINANCIAL IMPLICATIONS

The Shire has funds budgeted in 2019/20 to redevelop the organisational risk framework.

STRATEGIC IMPLICATIONS

Our Organisation Goal – Continually enhance the Shire's organisational capacity to service the needs of a growing community:

Outcome 4.4.3 Ensure all governance and compliance tasks are adhered to.

VOTING REQUIREMENTS

Simple Majority

COMMITTEE RESOLUTION: (REPORT RECOMMENDATION)

Moved: Cr C Mitchell

Seconded: Cr B Rudeforth

That the Audit and Risk Committee recommends that Council receive the Risk Management Biannual Update Report.

CARRIED UNANIMOUSLY 3/0

Attachments

There are no attachments for this report.

6. MATTERS BEHIND CLOSED DOORS

Nil

7. MEETING CLOSURE

There being no further business the Chairman declared the meeting closed at 5:45pm.

These minutes were confirmed at a meeting held (DD Month Year),
and signed below by the Presiding Person, at the meeting these minutes were confirmed.

Signed:

13. QUESTIONS BY MEMBERS OF WHICH DUE NOTICE HAS BEEN GIVEN

Nil.

14. MATTERS BEHIND CLOSED DOORS**COUNCIL RESOLUTION:**

Moved: Cr C Mitchell

Seconded: Cr N Wevers

That the meeting be closed to the public at 5:53 pm.

CARRIED UNANIMOUSLY 7/0

Members of the Public departed the Chambers at 5:53.

This item and any attachments are confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)((e)(iii)) as it contains “a matter that if disclosed, would reveal information about the business, professional, commercial or financial affairs of a person, where the information is held by, or is about, a person other than the local government”.

9.1.3 BROOME SURF LIFE SAVING CLUB - REQUEST FOR FINANCIAL ASSISTANCE

LOCATION/ADDRESS:	Cable Beach Foreshore Reserve 36477
APPLICANT:	Broome Surf Life Saving Club
FILE:	ONG29
AUTHOR:	Manager Sport and Recreation
CONTRIBUTOR/S:	Manager Financial Services
RESPONSIBLE OFFICER:	Chief Executive Officer
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	2 September 2019

SUMMARY: The Broome Surf Life Saving Club has been planning and seeking funds for the redevelopment of their clubroom facilities located on the Cable Beach foreshore reserve for several years.

This report seeks Council's direction in regard to a request for support, through an additional cash contribution and assistance to negotiate a self-supporting loan, through the West Australian Treasury Corporation.

REPORT RECOMMENDATION

That Council:

1. Approves an additional contribution of \$275,000 towards the Broome Surf Life Saving Club clubhouse redevelopment within the 2020/21 Annual Budget;
2. Approves the inclusion of a \$300,000 self-supporting loan to the Broome Surf Life Saving Club in the 2020/21 Annual Budget;
3. In the 2020/21 financial year, authorises the Chief Executive Officer to:
 - (a) Borrow up to a maximum of \$300,000 from Western Australian Treasury Corporation for a maximum period of 15 years; and
 - (b) Negotiate and finalise a loan agreement with the Broome Surf Life Saving Club at repayment terms that are the same as the loan obtained from Western Australian Treasury Corporation.
4. Advise the Minister for Seniors and Aging; Volunteering; Sport and Recreation of the Shire's commitment of additional funds to the Broome Surf Life Saving Club's Club house redevelopment.
5. Requests the Chief Executive Officer to renegotiate a lease with Broome Surf Life Saving Club.

ALTERNATIVE MOTION:**Moved: Cr N Wevers****Seconded: Cr H Tracey****That Council:**

1. **Approves an additional contribution of \$275,000 towards the Broome Surf Life Saving Club clubhouse redevelopment within the 2020/21 Annual Budget;**
2. **Approves the inclusion of a \$300,000 self-supporting loan to the Broome Surf Life Saving Club in the 2020/21 Annual Budget;**
3. **In the 2020/21 financial year, authorises the Chief Executive Officer to:**
 - (a) **Borrow up to a maximum of \$300,000 from Western Australian Treasury Corporation for a maximum period of 15 years; and**
 - (b) **Negotiate and finalise a loan agreement with the Broome Surf Life Saving Club at repayment terms that are the same as the loan obtained from Western Australian Treasury Corporation.**
4. **Advise the Minister for Seniors and Aging; Volunteering; Sport and Recreation of the Shire's commitment of additional funds to the Broome Surf Life Saving Club's Club house redevelopment.**
5. **Requests the Chief Executive Officer to renegotiate a lease with Broome Surf Life Saving Club.**
6. **Advise the Broome Surf Life Saving Club that upon submission of the development application for the redevelopment of the facility, that the Shire will have to give consideration to SPP2.6 – Coastal Planning and in the absence of a sea wall being funded as identified under the CHRMAP, it is likely that the Club will need to indemnify the Shire.**

CARRIED UNANIMOUSLY 7/0

Reason: To ensure that the BSLSC are aware that there may be a requirement to indemnify the Shire should funding for a sea wall not eventuate.

This item and any attachments are confidential in accordance with Section 5.23(2) of the Local Government Act 1995 section 5.23(2)((e)(ii)) as it contains “a matter that if disclosed, would reveal information that has a commercial value to a person, where the information is held by, or is about, a person other than the local government”, and section 5.23(2)((e)(iii)) as it contains “a matter that if disclosed, would reveal information about the business, professional, commercial or financial affairs of a person, where the information is held by, or is about, a person other than the local government”.

9.2.3 REQUEST FOR FUNDING ASSISTANCE - BROOME VISITOR CENTRE

LOCATION/ADDRESS:	Reserve 38458 - Lot 502 (1) Hamersley Street
APPLICANT:	Nil
FILE:	ECI05
AUTHOR:	Chief Executive Officer
CONTRIBUTOR/S:	Nil
RESPONSIBLE OFFICER:	Chief Executive Officer
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	8 April 2019

SUMMARY: The Broome Visitor Centre (BVC) submitted a formal request to Council in April 2019 seeking immediate financial assistance and an ongoing increase to the annual cash contribution provided by the Shire of Broome in order to maintain their operational services. This request was considered at a Special Meeting of Council (SMC) held on 9 May 2019 with Council resolving to allocate an immediate funding package of \$158,912 to the BVC, in addition to the annual Shire contribution of \$110,000 for the 2018/19 Financial Year.

Further, Council also resolved to allocate \$50,000 to undertake an independent external operational review, needs analysis and options report to identify how the BVC could be a sustainable venture moving forward.

This report presents the external operational review Report for Council consideration and recommends a revised annual Shire contribution to the BVC for the 2019/20 and 2020/21 Financial Years.

Cr D Male moved the report recommendation.

Cr C Mitchell seconded the motion.

Cr N Wevers proposed an amendment to the motion, to reword point 7 as follows:

- 7. Requests the Chief Executive Officer executes an agreement with the Broome Visitor Centre that reflects points 3-6 and provides quarterly updates to Council through future Council workshops; and***

The Mover and Seconder accepted this amendment.

COUNCIL RESOLUTION:

Moved: Cr D Male

Seconded: Cr C Mitchell

That Council:

- 1. Note the independent external Operational Review Needs Analysis and Options Report from Metrix Consultants;**
- 2. Request the Chief Executive Officer to formally thank the Broome Visitor Centre for its cooperation through this review process;**
- 3. Allocate an immediate funding package of \$122,265 to the Broome Visitor Centre consisting of**
 - (a) \$72,265 cash; and**
 - (b) A waiver of current outgoing arrears and future outgoings to 31 December 2019 to the approximate value of \$80, 000 (to be clarified and confirmed through the standard 6 monthly reconciliation process).**
- 4. Allocate a further cash contribution of \$124,000 to the Broome Visitor Centre (to be paid in January 2020), recognising this equates to a total Council contribution of \$276,265 for the 2019/20 Financial Year, with savings to offset these costs to be identified through the Quarter 2 Finance and Costing Review.**
- 5. Requests the Chief Executive Officer to advise the Broome Visitor Centre that a further funding allocation of up to \$124,000 will be considered formally by Council in November 2020 and will be dependent on a review of the Broome Visitor Centre's actual financial position at that time inclusive of cash flow projections to 31 December 2020.**
- 6. Requests the Chief Executive Officer to advise the Broome Visitor Centre that the allocation of funding assistance outlined above is conditional on:**
 - (a) the Broome Visitor Centre providing Council with unfettered access to its financial statements and position;**
 - (b) the Broome Visitor Centre's active and co-operative participation in progressing recommendations for improvement as outlined within the independent external operational review, needs analysis and options report as attached;**
 - (c) the Broome Visitor Centre providing monthly reports to the Shire's Chief Executive Officer including financial tracking, visitor numbers, income generation and emerging and potential risks and engage with and involve the Shire regarding all key actions and milestones;**
- 7. Requests the Chief Executive Officer executes an agreement with the Broome Visitor Centre that reflects points 3-6 and provides quarterly updates to Council through future Council workshops; and**
- 8. Notes the receipt of an unsolicited proposal for the provision of Tourism and Information Services in Broome and requests the Chief Executive Officer to advise the proponent of the aforementioned Council position in regard to the Broome Visitor Centre and request further detailed information on the proposal.**

CARRIED BY ABSOLUTE MAJORITY 7/0

Reason: To request regular updates are given to Council.

This item and any attachments are confidential in accordance with section 5.23(2) of the Local Government Act 1995 section 5.23(2)(b) as it contains “the personal affairs of any person”, and section 5.23(2)(d) as it contains “legal advice obtained, or which may be obtained, by the local government and which relates to a matter to be discussed at the meeting”.

9.4.3 CHANGE IN METHOD OF VALUATION FROM UNIMPROVED VALUE TO GROSS RENTAL VALUE DJARINDJIN COMMUNITY AIRPORT.

LOCATION/ADDRESS:	Portions of A200890 Lot 297 Broome-Cape Leveque Road and A130027 Lot 89 One Arm Point Road Dampier Peninsula
APPLICANT:	Nil
FILE:	ARA11.8
AUTHOR:	Finance Officer - Rates
CONTRIBUTOR/S:	Manager Financial Services
RESPONSIBLE OFFICER:	Manager Financial Services
DISCLOSURE OF INTEREST:	Nil
DATE OF REPORT:	7 November 2019

SUMMARY: This report provides Council with an update on the progress of rating the Djarindjin Community Airport located on portions of (A200890) Lot 297 Broome-Cape Leveque Road and (A130027) Lot 89 One Arm Point Road Dampier Peninsula.

COUNCIL RESOLUTION:
(REPORT RECOMMENDATION)

Moved: Cr B Rudeforth

Seconded: Cr D Male

That Council:

- 1. Requests the Chief Executive Officer to undertake a 21 day consultation period with the Djarindjin Community Airport on the intended changes to the basis of valuation of the portions of A200890 and A130027, currently being utilised for airport operations, from Unimproved Value to Gross Rental Value;**
- 2. Following the close of the 21 day submission period, where submissions are received, requests the Chief Executive Officer to report back to Council presenting submissions for formal consideration;**
- 3. Following the close of the 21 day submission period, where submissions are not received, requests the Chief Executive Officer to:**
 - (a) Forward a request to the Minister for Local Government to consider a change in method of Valuation from ‘UV’ to ‘GRV’;**
 - (b) Following favourable advice from the Minister for Local Government of such determination, request the Chief Executive Officer to seek a GRV valuation from the Valuer General.**

CARRIED 6/1

COUNCIL RESOLUTION:**Moved: Cr D Male****Seconded: Cr N Wevers*****That the Meeting again be open to the public at 6:19PM.*****CARRIED UNANIMOUSLY 7/0**

The Council chambers were opened and it was noted that members of the public returned to the Chambers at 6:19pm. Resolutions passed were read aloud for the benefit of the public gallery.

15. MEETING CLOSURE

There being no further business the Chairman declared the meeting closed at 6:22 PM.

These minutes were confirmed at a meeting held 12 December 2019,
and signed below by the Presiding Person, at the meeting these minutes were confirmed.

Signed:

