

#### Ken Cardy

From:

Radmila Tomanovic <rtomanovic@syrinx.net.au>

Sent:

Wednesday, 23 January 2019 7:16 PM

To:

kcardy@bassendean.wa.gov.au

Cc:

Brenda Dagnall

Subject:

RE: Ashfield Parade Proposed Concept plan

#### Dear Ken,

We were contacted by Brenda Dagnall yesterday seeking information on the Ashfield Parade Foreshore works to assist the Town in responding to the community concerns regarding loss of river views and the erosion treatment of the foreshore.

We have addressed the issues under main headings below and included the email communication we had with the Town thus far. Should you have any questions regarding the response please do not hesitate to contact us.

#### Loss of views

While we have not been able to go to the site, we have undertaken a cursory look at Google Street View and noted that there are several areas where views are obstructed by vegetation higher than 600mm which does not align with the Concept Plan.

Upon reviewing the planting plan for the area (found within Construction Drawing set), we have noted that three species of large shrubs most notably *Acacia saligna* were included in the upper embankment planting mix. These shrubs/trees can grow to a large size and impact on the views. In general, *Acacia saligna* is a short-lived pioneering species which is introduced in the early rehabilitation to assist with improving soils and supporting the establishment of other species.

Given the recommendation that all supplementary planting was to use species indicated in the design, it is very possible that additional tall shrubs were planted higher up on the slope in the events subsequent to completion of works. Some trees like *Eucalyptus rudis* could have also self-seeded particularly near / in the swale areas.

Regardless of the above, and going forward, select removal of <u>some</u> Acacia saligna can be undertaken to maintain the views without compromising the embankment stability. Removal of A. saligna would have to be followed up by planting of lower shrub strata selected to match specific site conditions (e.g. shrubs like Hypocalymma angustifolium, or sedges and herbs).

#### **Erosion Control**

Syrinx is not able to comment on the condition of erosion control works as we have not maintained the area for several years and were not able to visit the site on this occasion.

#### Temporary fence

Informal access by the public is a significant issue and the fence was erected to reduce the impacts of this. However, as for erosion issue above, Syrinx was not maintaining area for several years, and we are unable to comment as to the condition and the reason the temporary fence remained on site longer than initially predicted although we can assume preventing public assess and safety might have been the key reasons.

#### **Swales**

Swales were designed to capture and infiltrate water on site and prevent erosion of the embankment, and at this, they have been very successful. Regarding the reduction in the quality of lawn - again we would need to investigate but it is unlikely that the swales would have affected the growth as severely as indicated.

Regards,

#### Rada Tomanovic

Principal Environmental Scientist | Botanist



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Please consider the environment: think before you print this email.

From: Brenda Dagnall <br/>
<br/>bdagnall@bassendean.wa.gov.au>

Sent: Wednesday, 23 January 2019 2:08 PM

To: Radmila Tomanovic <rtomanovic@syrinx.net.au> Subject: RE: Ashfield Parade Proposed Concept plan

Hi Rada

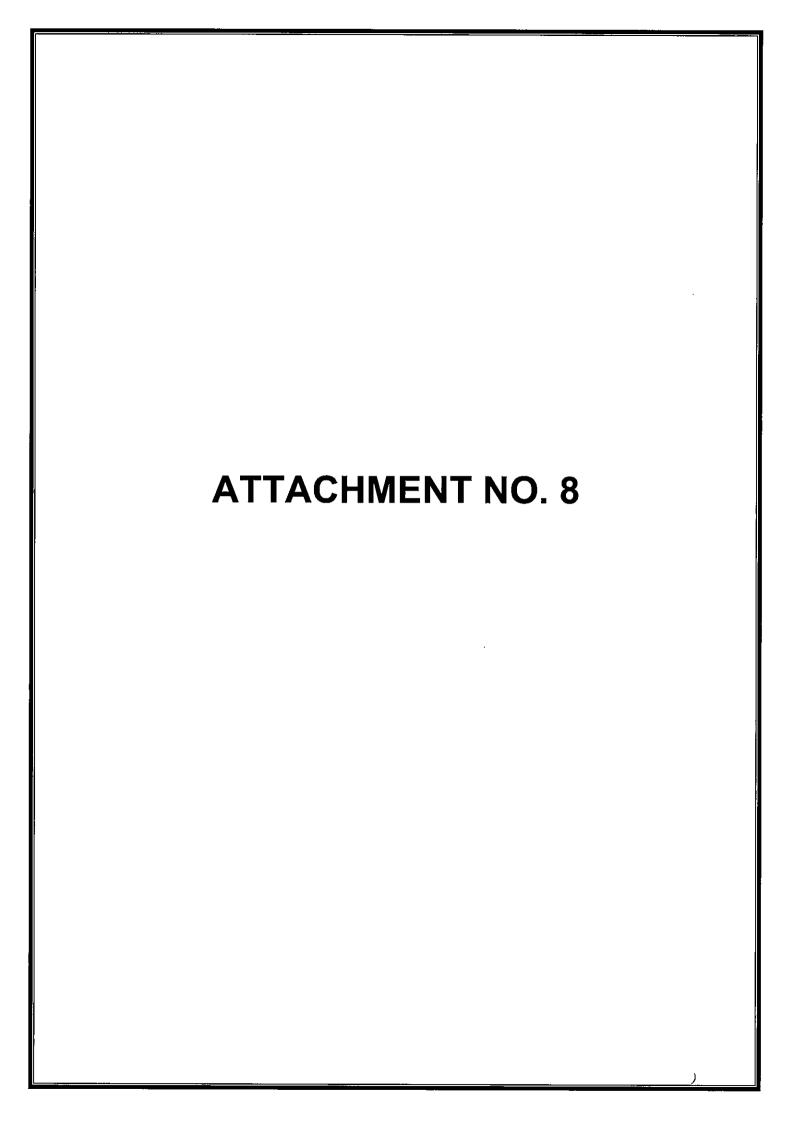
Please could you email the response to Ken Cardy, kcardy@bassendean.wa.gov.au and copy me in.

We appreciate your help, especially at such short notice.

Best regards

Brenda

Brenda Dagnall **Executive Assistant** Community Development & Operational Services Telephone: 08 9377 8073 bdagnall@bassendean.wa.gov.au



# TOWN OF BASSENDEAN MINUTES

### PEOPLE SERVICES COMMITTEE

# ON WEDNESDAY 15 MAY 2019 AT 7.00PM

## 1.0 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS

The Presiding Member opened the meeting, welcomed all those in attendance and conducted an Acknowledgement of Country.

## 2.0 ATTENDANCES, APOLOGIES AND APPLICATIONS FOR LEAVE OF ABSENCE

#### <u>Present</u>

Cr Sarah Quinton, Presiding Member Cr Renee McLennan, Mayor Jennie Carter, Community Representative Emily Wilding, Community Representative Jeanette Maddison, Community Representative Donna Czekalowski, Community Representative Shonie McKibbin, Community Representative

#### **Staff**

Graeme Haggart, Director Community Development Renata Pietracatella, Manager Library Services Gabriella Filippi, Cultural Development Officer Town of Bassendean Policy and Research Officer

#### **Apologies**

Cr John Gangell
Salvatore Siciliano, Manager Community Development
Amy Holmes, Minute Secretary

#### 3.0 DEPUTATIONS

#### 4.0 CONFIRMATION OF MINUTES

### 4.1 People Services Committee Minutes of 6 March 2019

#### COMMITTEE/OFFICER RECOMMENDATION – ITEM 4.1

MOVED Emily Wilding, Seconded Jennie Carter that the minutes of the People Services Committee meeting held on 6 March 2019 be confirmed as a true record.

CARRIED 7/0

# 5.0 ANNOUNCEMENTS BY THE PRESIDING PERSON WITHOUT DISCUSSION

Nil

#### 6.0 DECLARATIONS OF INTEREST

Cr Quinton declared an impartiality interest in Item 8.3 in relation to Community Men's Shed grant application.

### 7.0 BUSINESS DEFERRED FROM PREVIOUS MEETING

Nil.

#### 8.0 REPORTS

# 8.1 <u>Suicide Prevention "Community of Interest" Group</u> <u>Meeting</u>

The Policy and Research Officer presented the agenda for the inaugural meeting of the above group that is scheduled for Saturday 25 May 2019 from 10.30am – 12.30pm.

Donna Czekalowski raised a question on whether the group will consider findings of the recent Coronial Inquiry into suicides by Aboriginal children in Kimberly Region. Discussion about the future direction of the working group and the need to avoid duplication of services and inclusion of Aboriginal and minority groups, followed.

# 8.2 <u>Resignation from Committee: Marie Molloy (Graeme Haggart, Director Community Development)</u>

The purpose of this report was for the Committee to receive Marie Molloy's resignation and determine what action to recommend to Council.

#### COMMITTEE/OFFICER RECOMMENDATION - ITEM 8.2

#### **PSC - 1/05/19**

MOVED Donna Czekalowski, Seconded Jeanette Maddison, that the People Services Committee:

- 1. Receives the resignation from Marie Molloy;
- 2. Notes that the Town will write to Marie expressing its appreciation for her commitment to the community and her contributions made to the People Services Committee; and
- Recommends to Council the casual vacancy not be filled.
   CARRIED 7/0

## 8.3 <u>Community Groups Funding Applications (Salvatore Siciliano, Manager Recreation and Culture)</u>

#### <u>APPLICATION</u>

The Committee was requested to consider the merits of two applications for funding received from the Bassendean Community Men's Shed Association Inc and Rail Heritage WA and to make recommendations to Council.

#### **COMMITTEE/OFFICER RECOMMENDATION - ITEM 8.3**

#### PSC -2/05/19

MOVED Jeanette Maddison, Seconded Emily Wilding, that the People Services Committee:

- Receives the Community Groups Funding applications lodged by the Bassendean Community Men's Shed Association Inc and Rail Heritage WA;
- Supports the application for funding of \$1,500 from the Bassendean Community Men's Shed Association Inc for the development of a short promotional film and \$1,660 from the Rail Heritage WA group for the installation of way finding promotional signage; and

 Recommends that Council approves the application for funding of \$1,500 from the Bassendean Community Men's Shed Association Inc and \$1,660 from the Rail Heritage WA group and that a funding agreement be developed and signed between the applicants and the Town.

CARRIED 7/0

## 8.4 <u>Projects for the Term of the Committee (Graeme Haggart, Director Community Development)</u>

Attached to the agenda was an updated report on the list of projects in the 2018-2028 Corporate Plan that are relevant to the Committee.

Discussion included requesting that:

- the Pensioner Guard Cottage be separated from the construction site, in order it need not be closed to the public for the entire redevelopment period;
- the need to revise wording on the History of the Town page on the website for inconsistent terminology and outdated comment in relation to Aboriginal history; and
- recent developments with the Aged Friendly Community Plan with the development of a steering committee to establish a Bassendean Seniors Hub, be included.

#### COMMITTEE/OFFICER RECOMMENDATION - ITEM 8.4

PSC - 3/05/19

MOVED Shonie McKibbin, Seconded Jennie Carter that the progress report on the projects included in the Corporate Business Plan - Strategic Priority 1: Social, be received.

CARRIED 7/0

### 8.5 Ongoing Activity Progress Reports

Various Business Units of the Town reported on the progress with discrete projects.

Additional information (reproduced below as Attachment 1) received from the Manager Children Services, was circulated to members with the expressed support of the Presiding Member. Following discussion, support was provided for minor capital works to Wind In the Willows Bassendean and Wind In the Willows Ashfield, to enhance operational efficiencies in both Centres.

#### **COMMITTEE RECOMMENDATION - ITEM 8.5(a)**

PSC - 4/05/19

MOVED Emily Wilding, Seconded by Jeanette Maddison, that Council considers funding in 2019/20 Budget for the minor capital works at Wind in the Willows Ashfield and Wind in the Willows Bassendean.

CARRIED 7/0

### COMMITTEE/OFFICER RECOMMENDATION - ITEM 8.5(b)

**PSC - 5/05/19** 

MOVED Jennie Carter, Seconded Emily Wilding, that the Ongoing Activities Progress Reports be received.

CARRIED 7/0

# 8.6 <u>Bassendean Local Studies Collection Working Group</u> Report

The purpose of this report was to inform People Services Committee about the Inaugural meeting of the Local Studies Collection Working Group meeting held on 18 April 2019.

#### **COMMITTEE/OFFICER RECOMMENDATION – ITEM 8.6**

PSC - 6/05/19

MOVED Donna Czekalowski, Seconded Shonie McKibbin, that the Local Studies Collection Working Group Report be received.

CARRIED 7/0

### 9.0 MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil.

# 10.0 ANNOUNCEMENTS OF NOTICES OF MOTION FOR THE NEXT MEETING

Nil.

#### 11.0 CONFIDENTIAL BUSINESS

Nil.

### 12.0 CLOSURE

The next meeting is to be held on Wednesday 14 August 2019, commencing at 7.00pm.

The meeting closed at 9.00pm.

#### Attachment 1

### Additional Information - Children Services' Report

#### **Enhancements for Children Services' Operations**

Wind in the Willows Ashfield recently went under Rating and Assessment under the revised NQS, we are awaiting the outcome however received much positivity from the officer during the process with regards to the curriculum and environment for children.

There is however room for improvements with regards to amenities for staff. Traditionally the service provided before and after school care (OSHC) for the community. In 2013 there was a review of community needs and given that many schools were now operating OSHC the community need was within the Long Day Care (LDC) sector and therefore the Ashfield service transitioned to a LDC facility. This transition did mean an increase in educator ratios and time spent at the service, further regulations in 2014 also contributed to higher staff requirements.

Currently the service operates 10.5 hours per day and facilitates the education and care for over 80 children per week, legislatively each child's learning journey is to be documented. Currently the service has one very small space which doubles up as an office and staff room for educators; this does present many difficulties in meeting the legislative requirements and also lacks amenities such as running water for educator breaks. There is opportunity here to improve the service amenities, the development of separate spaces for documentation and breaks would create greater efficiency and wellbeing for Educators and programmes for children. (The estimated costing of this is \$35,000)

The growth of Wind in the Willows and the enhanced regulations over recent years has also impacted on the Bassendean service. Here the Service facilitates the education and care of 55 children under 3, also meeting the community needs. The change in age grouping meant a significant increase in the staff/child ratio and currently double the amount of Educators are employed here than previously. Whilst the staff team has grown significantly the amenities remain the same, 1 very small staff room inadequate in size and one shared office space for Manager, Assistant Manager, administration and children's legislative documentation requirements.

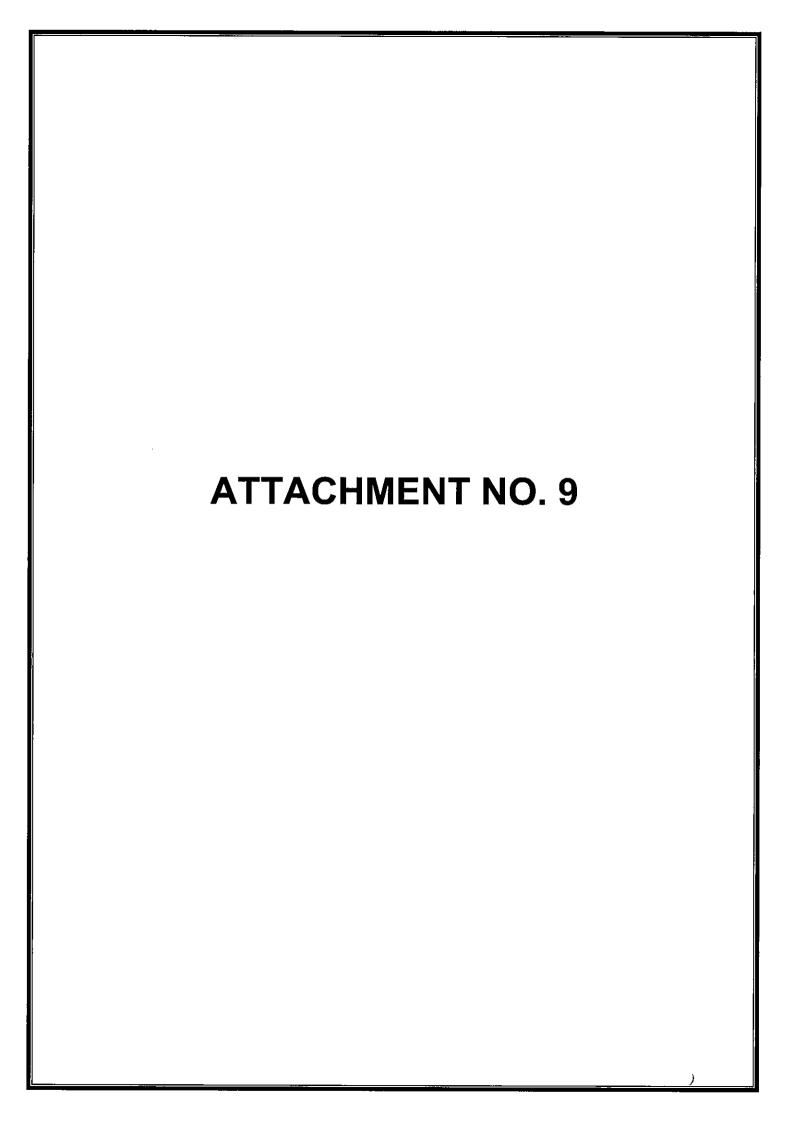
There too is the issue of privacy, with a staff team of 36 and servicing over 200 families in total the one shared office space means there is no opportunity for private conversations with Educators and families which does compromise management severely.

There is a relatively simple solution to constructing a new staff room sufficient in size and converting the existing staff room in to a separate office space to create privacy for the manager. This would increase the efficiency of the service delivery, create appropriate space for administration and also increase educator wellbeing with adequate amenities. (A preliminary figure for this is estimated at \$60,000)

A Wind In The Willows Reserve fund was established in 2017, principally to accumulate funds for asset replacement purposes. The current balance is \$51,000 and is anticipated to be augmented by a predicted end of 2018/19 year surplus of \$45,000.

### ADDITIONAL OFFICER RECOMMENDATION - ITEM 8.5

That Council refers the proposed minor capital works at Wind In the Willows Ashfield and Wind In the Willows Bassendean for consideration in the draft 2019/20 Budget and for the projects to be funded from the Wind In the Willows Reserves.



# TOWN OF BASSENDEAN MINUTES

### TOWN ASSETS COMMITTEE

# HELD IN THE COUNCIL CHAMBER, 48 OLD PERTH ROAD, BASSENDEAN ON WEDNESDAY 8 MAY 2019, AT 9.30AM

# 1.0 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS

The Presiding Member opened the meeting, welcomed all those in attendance and conducted an Acknowledgement of Country.

# 2.0 ATTENDANCES, APOLOGIES AND APPLICATIONS FOR LEAVE OF ABSENCE

#### Present

Cr Jai Wilson, Presiding Member Cr Renee McLennan, Mayor Cr Kathryn Hamilton

#### Staff

Peta Mabbs, Chief Executive Officer Simon Stewert-Dawkins, Director Operational Services Ken Cardy, Manager Parks & Environment Phil Adams, Acting Manager Asset Services Deanie Carbon, Communications Coordinator Amy Holmes, Minute Secretary

#### 3.0 DEPUTATIONS

Mr Brad Bowden from Bowden Tree Consultancy was in attendance to discuss the Arboricultural Assessment from Bowden Tree Consultancy, which provides the recommended tree species for the 2019 street tree planting program.

#### 4.0 CONFIRMATION OF MINUTES

# 4.1 <u>Town Assets Committee Meeting held on 6 February 2019</u>

<u>COUNCIL RESOLUTION/OFFICER RECOMMENDATION</u>
<u>- ITEM 4.1</u>

MOVED Cr McLennan, Seconded Cr Hamilton, that the minutes of the Town Assets Committee meeting held 6 February 2019, be confirmed as a true record.

**CARRIED UNANIMOUSLY 3/0** 

### 5.0 ANNOUNCEMENTS BY THE PRESIDING PERSON WITHOUT DISCUSSION

Nil

#### 6.0 DECLARATIONS OF INTEREST

Nil

### 7.0 BUSINESS DEFERRED FROM PREVIOUS MEETING

Nil

#### 8.0 REPORTS

### 8.1 Tree Planting Program

#### APPLICATION

The purpose of this report was to consider the Arboricultural Assessment from Bowden Tree Consultancy, which provides the recommended tree species for the 2019 street tree planting program.

# <u>COUNCIL</u> <u>RESOLUTION/OFFICER</u> <u>RECOMMENDATION</u> – ITEM 8.1

### TAC - 1/05/19 MOVED Cr McLennan, Seconded Cr Wilson, that:

1. The Arboricultural Assessment on the 2019 Street Tree Selection Report by Bowden Tree Consultancy, be received;

- Bowden Tree Consultancy be requested to investigate and provide a report to Officers on the available number of trees that can be purchased from nurseries, for the 2019 winter planting season, in accordance with Australian Standard –AS2303;2015; and
- 3. It be noted that the number of trees that can be planted during the winter planting season will depend on the availability of trees in stock from nurseries which are currently available that will match the Arboricultural Assessment 2019 Street Tree Selection.

#### CARRIED UNANIMOUSLY 3/0

Officers are to report back on asset planning for road reserves.

Brad Bowden will commence sourcing trees and will report back on what is available by next Tuesday, ready for the Councillors' Workshop.

Trees will initially be made available to those residents who are agreeable to having a tree planted on their verge. Any remaining trees will be planted in other identified areas.

# 8.2 <u>Street Lighting Audit – Within 200m Radius of Success</u> <u>Hill Train Station (Ref: Phillip Adams – Acting Manager</u> Asset Services)

#### APPLICATION

The purpose of this report was to inform the Town Assets Committee that Western Power is now able to provide light-emitting Diode (LED) street lights that will allow the Town of Bassendean to upgrade lighting within a 200m radius of Success Hill Train Station.

### <u>COUNCIL RESOLUTION/OFFICER RECOMMENDATION</u> <u>- ITEM 8.2</u>

TAC - 2/05/19

MOVED Cr Wilson, Seconded Cr McLennan, that Council notes that further engagement with the community will be undertaken to reconsider more appropriate solutions.

CARRIED UNANIMOUSLY 3/0

Officers will undertake further investigation on this matter as number of issues have been identified.

There is an opportunity to undertake some face to face engagement with the community to keep them informed on what is happening.

### 9.0 MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

Nil

# 10.0 ANNOUNCEMENTS OF NOTICES OF MOTION FOR THE NEXT MEETING

Nil

### 11.0 CONFIDENTIAL BUSINESS

Nil

#### 12.0 CLOSURE

The next meeting is to be held on Wednesday 10 July 2019, commencing at 10am.

There being no further business, the Presiding Member declared the meeting closed at 10.52am.

Ken Cardy Manager Asset Services Town of Bassendean PO Box 87 BASSENDEAN WA 6934



Dear Ken,

#### ARBORICULTURAL ASSESSMENT - STREET TREE SELECTION 2019

Please find enclosed the results of the arboricultural assessment undertaken recently for 2019 Street Tree Planting Season.

Where recommendations for remedial arboricultural work have been made, it is imperative that it is undertaken as outlined in the Australian Standard 4373-2007: Pruning of Amenity Trees and/ or Australian Standard 4970-2009: Protection of Trees on Development Sites. It is also strongly advised that any remedial pruning works be undertaken by, or supervised by, a qualified arborist (AQF Level 3 in Arboriculture).

If you have any questions regarding the assessment or if I can be of service to you again in the future, please feel free to contact me.

Yours sincerely,

Brad Bowden

Principal

Bowden Tree Consultancy®

B.Sc. Sustainable Forestry
Dip. Arboriculture & Parks Management
ISA Certified Arborist – Municipal Specialist AU-0020AM & Tree Risk Assessment Qualified (TRAQ)

#### 1.0 Introduction

### 1.1 Scope of Report

- 1.2 The purpose of this report is to review the existing street tree audit data (2006) for the suburbs of Ashfield and Eden Hill in the Town of Bassendean and provide species recommendations for the 2019 Street Tree Planting Season. Attributes desired for street tree species include:
  - Form and scale of trees at maturity to provide 70% shade and tree canopy over a large portion of the road reserve
  - Trees have a strong performance record in similar geology and soil condition
  - Root system suitable for planting adjacent to paved areas, building structures and within median islands and roundabouts and minimize impact on utility services
  - · Enhance biodiversity with food and habitat for bird life
  - Trees are drought tolerant
  - Resistance to pest and diseases
  - Long lived
  - Not prone to limb shear
  - Responsive to formative and if required structural pruning

#### 1.3 Executive Summary

- 1.4 The review identified a number of large and medium-sized trees that have been successful throughout Ashfield and Eden Hill, and as such selection of these species should be undertaken to complement existing plantings where a dominant tree species exists. Several large and medium-sized trees that occur in either low numbers in both suburbs at present and which have been successful throughout other locations in Perth have been identified, subsequently resulting in a list of 22 tree species. Each species was then scored against the desired attributes.
- 1.5 Matching a tree to the site i.e. 'right tree right place' should be the foremost concern when selecting tree species. For this reason, the species have been grouped as suitable for large road reserves/ verges, whilst medium-sized trees will be more suited to smaller verges and/ or where powerlines exist (and managed with ongoing pruning to maintain clearance). Additionally, consideration must be given to tree species diversity to guard against plant specific pest and disease. Of the 10 tree species that scored highest, seven were from the Myrtaceae family of plants; therefore consideration should be given to using a broader range of species from the list.

#### 2.0 Street Tree Selection

### 2.1 Ashfield – Existing Street Trees: Top 20

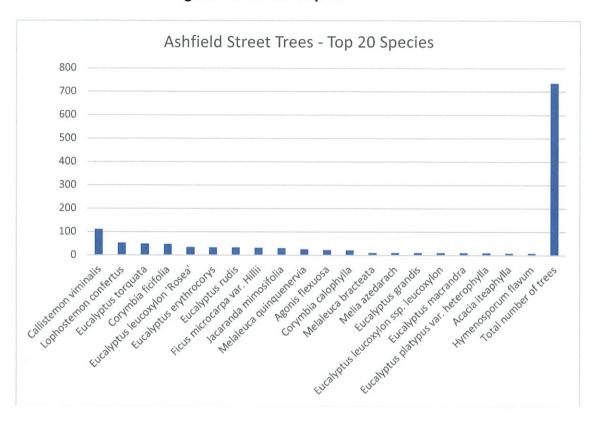


Figure 1. Review of the 2006 street tree audit data for Ashfield outlining the most common tree species.

Botanical Name	Common Name	Mature Size	Number of Trees
Callistemon viminalis	weeping bottlebrush	Small	111
Lophostemon confertus	Queensland brush box	Medium	53
Eucalyptus torquata	coral gum	Small	49
Corymbia ficifolia	red flowering gum	Small	48
Eucalyptus leucoxylon 'Rosea'	red-flowered yellow gum	Medium	34
Eucalyptus erythrocorys	red-capped yellow flowering gum	Small	33
Eucalyptus rudis	flooded gum	Large	33
Ficus microcarpa var. hillii	Hill's weeping fig	Large	32
Jacaranda mimosifolia	jacaranda	Medium	31
Melaleuca quinquenervia	broad-leaved paperbark	Medium	25
Agonis flexuosa	weeping peppermint	Medium	23
Corymbia calophylla	marri	Large	21
Melaleuca bracteata	black tea tree	Small	11
Melia azedarach	white cedar	Medium	11
Eucalyptus grandis	rose gum	Large	10
Eucalyptus leucoxylon ssp. leucoxylon	yellow gum	Medium	10
Eucalyptus macrandra	river yate	Small	10
Eucalyptus platypus var. heterophylla	coastal moort	Small	10
Acacia iteaphylla	Flinders Range wattle	Small	8
Hymenosporum flavum	native frangipani	Small	8
Total number of trees			736

Table 1. Review of the 2006 street tree audit data for Ashfield outlining tree size.

- 2.2 Road Reserve Widths Ashfield
- 2.3 A number of road reserve widths were measured using spatial tools (Nearmap) and identified widths that generally ranged from 18-20m. To achieve tree canopy cover over a large portion of the road reserve, the selection of tree species that attain a minimum 10m crown spread at maturity should be used to achieve this requirement i.e. large and/ or medium sized trees.



Figure 2. Ashfield aerial photo sample for road reserve widths.

#### 2.4 Potential Street Tree Species List: Ashfield

#### Large trees for large road reserves

- coral tree (Erythrina x sykesii)
- Queensland brush box (Lophostemon confertus)
- flooded gum (Eucalyptus rudis)
- marri (Corymbia calophylla)
- firewheel tree (Stenocarpus sinuatus)
- spotted gum (Corymbia maculata)
- smooth-barked apple (Angophora costata)
- London plane tree (*Platanus* x *acerifolia*)
- pin oak (Quercus palustris)
- Illawarra flame tree (Brachychiton acerifolius)

#### Medium trees for medium road reserves or under powerlines

- broad-leaved paperbark (Melaleuca quinquenervia)
- Queensland brush box (Lophostemon confertus)
- red flowered yellow gum (Eucalyptus leucoxylon 'Rosea')
- jacaranda (Jacaranda mimosifolia)
- weeping peppermint (Agonis flexuosa)
- kurrajong (Brachychiton populneus)
- orchid tree (Bauhinia variegata)
- Chinese elm (Ulmus parvifolia)
- Chinese pistachio (Pistacia chinensis)
- Japanese zelkova (Zelkova serrata)
- yellow bloodwood (Corymbia eximia)
- callery pear cvs (Pyrus calleryana)

#### 2.5 Eden Hill – Existing Street Trees: Top 20

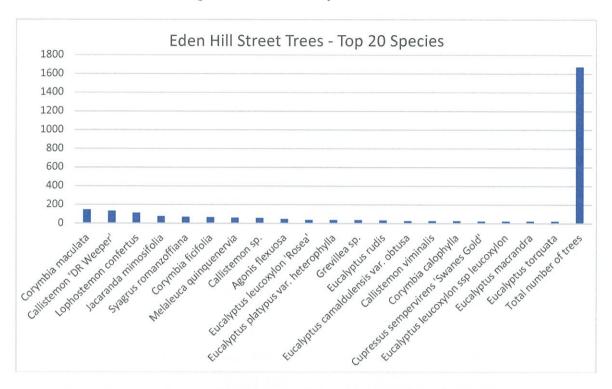


Figure 3. Review of the 2006 street tree audit data for Eden Hill outlining the most common tree species.

Botanical Name	Common Name	Mature Size	Number of Trees
Corymbia maculata	spotted gum	Large	144
Callistemon 'DR Weeper'	Dawson River bottlebrush	Small	131
Lophostemon confertus	Queensland brush box	Medium	112
Jacaranda mimosifolia	jacaranda	Medium	75
Syagrus romanzoffiana	cocos palm	Medium	68
Corymbia ficifolia	red-flowering gum	Small	67
Melaleuca quinquenervia	broad-leaved paperbark	Medium	59
Callistemon sp.	bottlebrush	Small	56
Agonis flexuosa	weeping peppermint	Medium	45
Eucalyptus leucoxylon 'Rosea'	red-flowered yellow gum	Medium	35
Eucalyptus platypus var. heterophylla	coastal moort	Small	35
Grevillea sp.	grevillea	Medium	35
Eucalyptus rudis	flooded gum	Large	33
Eucalyptus camaldulensis var. obtusa	northern river red gum	Large	27
Callistemon viminalis	weeping bottlebrush	Small	26
Corymbia calophylla	marri	Large	25
Cupressus sempervirens 'Swanes Gold'	golden pencil pine	Small	24
Eucalyptus leucoxylon ssp. leucoxylon	yellow gum	Medium	23
Eucalyptus macrandra	river yate	Small	22
Eucalyptus torquata	coral gum	Small	22
Total number of trees			1674

Table 2. Review of the 2006 street tree audit data for Eden Hill outlining tree size.

- 2.6 Road Reserve Widths Eden Hill
- 2.7 A number of road reserve widths were measured using spatial tools (Nearmap) and identified widths that generally ranged from 18-20m. To achieve tree canopy cover over a large portion of the road reserve, the selection of tree species that attain a minimum 10m crown spread at maturity should be used to achieve this requirement i.e. large and/ or medium sized trees.



Figure 4. Eden Hill aerial photo sample for road reserve widths.

#### 2.8 Potential Street Tree Species List: Eden Hill

#### Large trees for large road reserves

- coral tree (*Erythrina x sykesii*)
- Queensland brush box (Lophostemon confertus)
- flooded gum (Eucalyptus rudis)
- marri (Corymbia calophylla)
- Illawarra flame tree (Brachychiton acerifolius)
- London plane tree (*Platanus* x *acerifolia*)
- spotted gum (Corymbia maculata)
- smooth-barked apple (Angophora costata)
- pin oak (Quercus palustris)
- firewheel tree (Stenocarpus sinuatus)

#### Medium trees for medium road reserves or under powerlines

- broad-leaved paperbark (Melaleuca quinquenervia)
- Queensland brush box (Lophostemon confertus)
- red flowered yellow gum (Eucalyptus leucoxylon 'Rosea')
- jacaranda (Jacaranda mimosifolia)
- weeping peppermint (Agonis flexuosa)
- kurrajong (Brachychiton populneus)
- orchid tree (Bauhinia variegata)
- poinciana (Delonix regia)
- Chinese elm (*Ulmus parvifolia*)
- Chinese pistachio (Pistacia chinensis)
- Japanese zelkova (Zelkova serrata)
- yellow bloodwood (Corymbia eximia)
- callery pear cvs (Pyrus calleryana)

2.9 Attribute/ Species Scoring: Tree attributes were scored against potential large and medium-sized tree species, reviewing both existing tree species within Ashfield and Eden Hill and introducing several new species used in lower numbers within the suburbs and as street trees throughout Perth. Scoring system as follows: Attribute/ Species Score - High: 3 Medium: 2 Low: 1 = Total Score (see appendix III).

Tree Species	<b>Total Score</b>
Agonis flexuosa	27
Corymbia eximia	27
Angophora costata	26
Eucalyptus leucoxylon 'Rosea'	26
Brachychiton populneus	25
Corymbia calophylla	25
Corymbia maculata	25
Jacaranda mimosifolia	25
Lophostemon confertus	25
Platanus x acerifolia	25
Erythrina x sykesii	24
Delonix regia	23
Eucalyptus rudis	23
Melaleuca quinquenervia	23
Quercus palustris	23
Stenocarpus sinuatus	23
Ulmus parvifolia	23
Brachychiton acerifolius	22
Zelkova serrata	22
Bauhinia variegata	21
Pistacia chinensis	21
Pyrus calleryana	19

2.10 Of the 10 tree species that scored highest, seven were from the Myrtaceae family of plants; therefore consideration should be given to using a broader range of species from the list to guard against plant specific pest and disease.

#### 3.0 Discussion and Recommendations

#### 3.1 Discussion

3.2 Tree root plate: Root plate composition for most tree species consists of a structural root zone and an absorbing root zone, responsible respectively for the stability/ anchorage of the tree and the uptake of water/ mineral solutes from the soil. The soil in the garden areas of adjacent residential properties and also the base of the concrete footpaths is generally of higher nutritional quality and with greater levels of moisture compared with the verge areas (remnant sand) and the compacted road base. With root growth being opportunistic, small diameter roots have the potential to encroach into areas of improved soil and with subsequent growth resulting in the normal thickening of the roots, displacement of adjacent crossover surfacing, asphalt/ road kerbs, and lightly-loaded structures can ensue. Root/ infrastructure conflicts cannot be eliminated: to do so requires constraining rootplate development, which may negatively impact tree stability and reduce tree canopy cover.

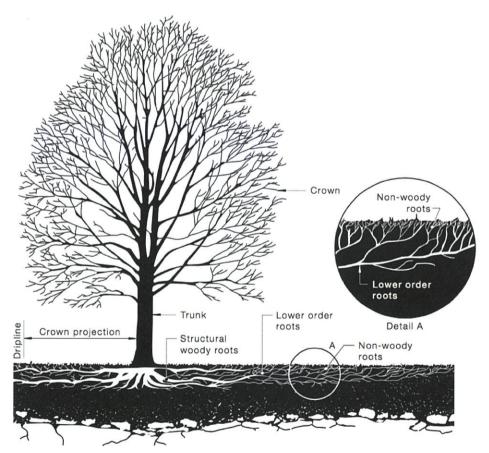


Figure 5. Typical tree structure above and below ground for cultivated urban trees. Source: AS4970-2009: Protection of Trees on Development Sites.

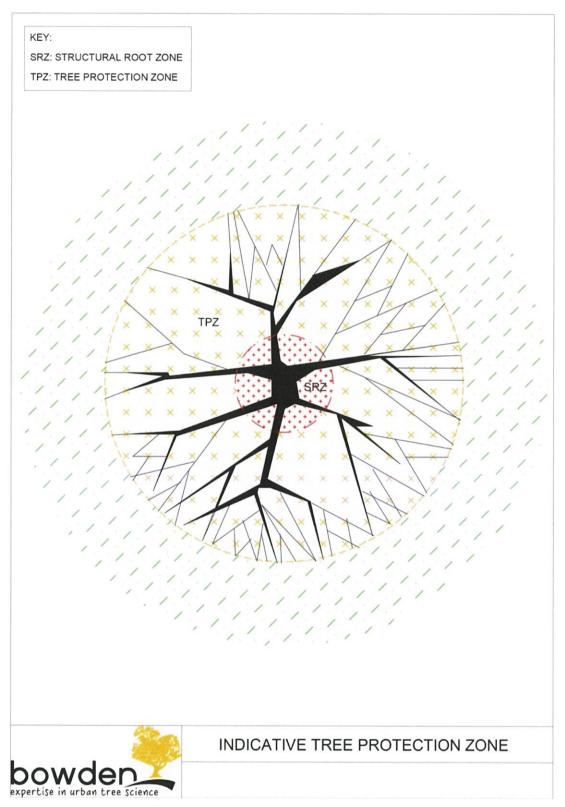


Figure 6. Indicative rootplate zones outlining the structural root zone (SRZ) that has the large woody roots responsible for tree anchorage and stability, which subsequently taper into the absorbing roots that take up water and nutrients.

**3.3 Pervious paving:** Attaining a hard surface option that is often required in areas of high pedestrian traffic, can be achieved by utilising pervious paving that allows water infiltration and that improves soil aeration, subsequently improving soil conditions conducive for adequate tree health and growth.





Figures 7 & 8. Example of a pervious paving option to improve soil conditions and subsequent tree health.

- 3.4 Roots and structures: Structural damage to building foundations and walls can result following the removal of soil moisture. On expansive/ reactive clay soils, trees and vegetation transpire water which can result in soil drying/ desiccation and a subsequent reduction in the soil volume. This often causes subsidence of the soil surface and may result in structural failure. This type of damage is often referred to as indirect damage and occurs on expansive soil types i.e. a clay soil type that shrinks as it dries and is observed by large cracks on the surface of the soil.
- 3.5 Direct damage to structures involves lightly-loaded structures such as concrete footpaths and single course brick/ block walls. Tree root growth is opportunistic and may develop in areas with suitable levels of soil moisture, organic matter and oxygen. Roots of a very small diameter may pass beneath footpaths and brick walls to source water and nutrients with little initial disturbance to the structure. As root diameter increases through normal secondary thickening however lightly-loaded structures can be displaced and damaged. The likelihood of direct damage to heavily-loaded structures i.e. a dwelling/ building foundation with the entire weight of the building upon it (on sandy soils), is low.
- 3.6 Tree benefits: Mature urban trees confer many benefits including shade and cooler air temperatures, screening (privacy) and noise reduction, built form aesthetic amelioration, energy conservation, mitigation of the urban heat island effect, air quality improvement and oxygen production, carbon uptake/ storage and greenhouse gas reduction, minimisation of storm water run-off and improvement of water quality, fauna habitat and food source. In general, they enhance our built and natural environments with larger trees providing more benefits.
- 3.7 Tree risk: Tree failure is an infrequent occurrence and serious damage, injury or death from tree failure is rare (Lilly et al, 2011). Research finds that for Britain, with a population of 60 million people, the risk of any tree causing a fatality is exceedingly small (Ball & Ball-King, 2011). It is impossible to maintain trees completely free of risk and some level of risk must be accepted to experience the benefits that trees provide. The use of 'safe' or 'unsafe' when assessing trees is both imprecise and ambiguous, as a tree cannot be free from defects or potential hazards such a state is simply unattainable. It is essential to maintain a balance between the benefits and costs of risk reduction, not only financial cost but also the loss of amenity and other tree related benefits.

- **3.8 Small trees:** The review of the road reserve widths identified an 18-20m width for the majority of road reserves. Where a smaller-sized tree is required for narrow verges, median island planting etc. the following species provide options in constrained sites and may require the use of root directors/ barriers and/ or modification of the planting site:
  - weeping bottlebrush (Callistemon viminalis)
  - coral tree (Eucalyptus torquata)
  - red-flowering gum (Corymbia ficifolia)
  - red-capped yellow flowering gum (Eucalyptus erythorcorys)
  - river yate (Eucalyptus macrandra)
  - native frangipani (Hymenosporum flavum)
  - Chinese tallow (Sapium sebiferum)
  - strawberry tree (Arbutus unedo)
  - purple-leaved plum (Prunus cerasifera 'Nigra')
  - evergreen ash (Fraxinus griffithii)
  - weeping red-flowering paperbark (Melaleuca viridiflora)
  - smooth-barked coolibah (Eucalyptus victrix)
  - Chinese photinia (Photinia serrulata)
  - cottonwood (Hibiscus tiliaceous)
  - crepe myrtle (Lagerstroemia indica)

### 4.0 Appendix I

#### 4.1 Arboricultural Terminology

- 4.2 Crown the leaves and branches of a tree measured from the lowest branch on the trunk to the top of the tree, whilst crown lifting involves pruning of the lower branches to improve clearance for buildings, pedestrians, vehicles etc.
- 4.3 DBH diameter of the main trunk, measured at breast height approximately 1.4m above ground level for urban trees.
- 4.4 Deadwooding the removal of dead, diseased, broken, or damaged branch wood from the crown of the tree.
- 4.5 Dripline the width of the crown of the tree measured by the lateral extent of the foliage, with the crown spread measurement indicating the widest part.
- 4.6 Fall zone is the area in which the tree or tree part is likely to fall when it fails, often calculated as 1.5 times the tree height where brittle dead branches etc. may break up and scatter debris.
- 4.7 First order structural branch the large branches arising from the trunk that form the main structure of the crown, also referred to as a stem.
- 4.8 Reduction prune pruning to reduce/ shorten the length of a branch, back to a lateral branch that is at least one-third the diameter of the branch being removed (whilst retaining internal branches to avoid lion-tailing).
- 4.9 Root collar area at the base of the tree were the roots and trunk merge.
- 4.10 Second order branch a branch arising from a first order structural branch.
- 4.11 Targets an object, person or structure that would be damaged or injured in the event of tree or branch failure is referred to as the target or target area. The hazard evaluation of the target area is relative to the expected use and occupancy of that area.
- 4.12 Topping and Lopping deleterious tree height and branch reduction work often at indiscriminate points and generally resulting in weakly-attached regrowth branches prone to failure as subsequent growth occurs.
- 4.13 Tree Protection Zone (TPZ) the zone of the root plate most likely to contain roots that are critical for anchorage and stability, as well as the absorbing roots responsible for the uptake of water and nutrients; calculated as trunk diameter (DBH) x 12.
- 4.14 V-shaped union ingrown bark from adjacent parts of the tree that are in contact with each other; usually branch forks, acutely-angled branch attachments or basal stems often a high failure potential.

### 5.0 Appendix II

#### 5.1 Author Formal Qualifications

- 5.2 Bachelor of Science (Sustainable Forestry) 2012 Edith Cowan University, Joondalup & Murdoch University, Murdoch, WA.
- 5.3 Diploma of Applied Science (Horticulture) 2000 Major studies Arboriculture and Parks/ Gardens management University of Melbourne, Burnley campus, VIC.
- 5.4 Certificate IV (TAE40110) in Training & Assessment 2014 Plenty Training, Robina, QLD.
- 5.5 Certificate of Horticultural Practice 1994 Challenger TAFE, Murdoch campus, WA.

#### 5.6 Additional Certifications

5.7 ISA Certified Arborist: Municipal Specialist (AU-0020AM) – 2012 (recertified 2018)
International Society of Arboriculture
www.isa-arbor.com/certification/benefits/credentialsExplained.aspx

5.8 ISA Tree Risk Assessment Qualification (TRAQ) – 2013 (recertified 2018) International Society of Arboriculture http://www.isa-arbor.com/certification/becomequalified/becomequalified.aspx

#### 5.9 Limitation of Liability

- 5.10 Bowden Tree Consultancy are tree specialists who use their qualifications, education, knowledge, training, diagnostic tools and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of this assessment and report.
- 5.11 Bowden Tree Consultancy cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways that the arboriculture industry does not fully understand. Conditions are often hidden within trees and below ground. Unless otherwise stated, observations have been visually assessed from ground level. Bowden Tree Consultancy cannot guarantee that a tree will be healthy or a low risk of harm under all circumstances, or for a specified period of time. Likewise, remedial treatments cannot be guaranteed.
- 5.12 Treatment, pruning and removal of trees may involve considerations beyond the scope of Bowden Tree Consultancy's service, such as property boundaries and ownership, disputes between neighbours, sight lines, landlord-tenant matters and other related incidents. Bowden Tree

Consultancy cannot take such issues into account unless complete and accurate information is given prior or at the time of the site inspection. Likewise, Bowden Tree Consultancy cannot accept responsibility for the authorisation or non-authorisation of any recommended treatment or remedial measures undertaken.

- 5.13 In the event that Bowden Tree Consultancy recommends retesting or inspection of trees at stated intervals, or installs any cable/s, bracing systems and support systems, Bowden Tree Consultancy must inspect the system installed at intervals of not greater than 12 months, unless otherwise specified in written reports. It is the client's responsibility to make arrangements with Bowden Tree Consultancy to conduct the re-inspection.
- 5.14 Trees can be managed, but they cannot be controlled. To live or work near a tree involves a degree of risk. All written reports must be read in their entirety; at no time shall part of the written assessment be referred to unless taken in full context with the whole written report. If this written report is to be used in a court of law, or any other legal situation, Bowden Tree Consultancy must be advised in writing prior to the written assessment being presented in any form to any other party.

#### 5.15 Business Details

5.16 Bowden Tree Consultancy®

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#### 5.17 Literature Cited

- 5.18 Ball, D.J. & Ball-King, L. (2011). *Public Safety and Risk Assessment*. Great Britain: Earthscan
- 5.19 Lilly, S., Matheny, N. & Smiley, E., (2011). Best Management Practices Tree Risk Assessment, Champaign, IL: International Society of Arboriculture
- 5.20 Mattheck, C. & Breloer, H. (1994). *The Body Language of Trees A Handbook for Failure Analysis*. London, England: The Stationery Office.
- 5.21 Standards Australia, (2007). *AS4373-2007 Pruning of Amenity Trees*, Sydney: SAI Global
- 5.22 Standards Australia, (2009). AS4970-2009 Protection of Trees on Development Sites, Sydney: SAI Global

### 6.0 Appendix III

#### 6.1 Attribute/ Species Scoring

Species	Agonis flexuosa	Angophora costata	Bauhinia variegata	Brachychiton acenfolius	Brachychiton populneus	Corymbia calophylla	Corymbia eximia	Corymbia maculata	Delonîx regia	Erythrina x sykesii	Eucalyptus leucoxylon 'Rosea'
Attributes		1			1	1					
Form and scale of trees at maturity to provide 70% shade and tree canopy over a large portion of the road reserve	3	3	2	2	2	3	3	3	3	3	3
Trees have a strong performance record in similar geology and soil condition	3	3	2	2	3	3	_3	3	3	3	3
Root system suitable for planting adjacent to paved areas, building structures and within median Islands and roundabouts and minimize impact on utility services	3	3	3	3	3	2	3	3	3	3	3
Enhance blodiversity with food and habitat	3	2	2	2	2	3	3	2	1	1	2
Trees are drought tolerant	3	3	2	2	3	3	3	3	2	3	3
Resistance to pest and diseases	3	3	3	3	3	2	3	2	3	3	3
Long lived	3	3	2	3	3	3	3	3	3	3	3
Not prone to limb shear	3	3	3	3	3	3	3	3	3	2	3
Responsive to formative and if required structural pruning	3	3	2	2	3	3	3	3	2	3	3

Table 3: Attribute/ Species Score - High: 3 Medium: 2 Low: 1 = Total Score

Score		23	25	25	23	21	25	19	23	23	23	22
Responsive to formative and if require pruning	d structural	3	3	3	2	3	3	2	3	3	3	3
Not prone to limb shear		2	3	3	2	3	3	2	3	3	3	3
Long lived		3	3	3	3	2	3	2	3	3	3	3
Resistance to pest and disea	ses	2	3	3	3	3	3	3	3	3	2	3
Trees are drought toleran		2	3	3	3	2	3	2	1	2	3	2
Enhance biodiversity with food and hab	tat for bird life	3	1	1	2	1	1	1	1	2	1	1
Root system suitable for planting adjac areas, building structures and within m and roundabouts and minimize impa services	edian islands	2	3	3	2	3	3	3	3	3	3	3
Trees have a strong performance recogeology and soil condition		3	3	3	3	2	3	2	3	2	3	2
Form and scale of trees at maturity to shade and tree canopy over a large p road reserve	provide 70% ortion of the	3	3	3	3	2	3	2	3	2	2	2
Attributes	Species	Eucalyptus rudis	Jacaranda mimosifolia	Lophostemon confertus	Melaleuca quinquenervia	Pistacia chinensis	Platanus x acerifolia	Pyrus calleryana	Quercus palustris	Stenocarpus sinuatus	Ulmus parvifolia	Zelkova serrata

Table 4: Attribute/ Species Score - High: 3 Medium: 2 Low: 1 = Total Score



# ROAD LIGHTING AUDIT REPORT

January 2018

Sage Consulting Engineers Pty Ltd 203 Railway Road SUBIACO WA 6008

Telephone: (08) 9388 9745 Facsimile: (08) 9388 9256 Email: msage@iinet.net,au

## **ROAD LIGHTING AUDIT**

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REV	DATE	STATUS	AUTHOR	REVIEW		
01	6/11/2017	First draft	C.Lawrence			
02	17/11/2017	Final	C.Lawrence		Final C.Lawrence	
05	12/2/2018	Costs updated	I.Ahmadyar	V-,		



## 1. INTRODUCTION

The Town of Bassendean has requested a road lighting audit for an area within 200m of Success Hill Train Station. The area to be audited will include;

- Anzac Terrace
- Seventh Avenue
- Railway Parade
- Thompson Road
- Lamb Street
- Nurstead Avenue
- Lord Street

This Road Lighting Report considers the existing road lighting and compares it with AS/NZS 1158 and MRWA Lighting Design Guidelines for Roadway and Public Safety. This report offers specific recommendations and cost estimates.

### 2. BASIS

This report is based on the following sources:

- AS/NZS1158.3.1: 2005 Pedestrian area lighting.
- AS/NZS1158.1.1: 2005 Vehicular Traffic Lighting.
- MRWA Lighting Design guideline for Roadway and Public Space
- Site visits in November 2017
- Western Power's current range of road lighting equipment (Distribution Design Catalogue Sections SL and DM).
- MRWA Lighting Design Guidelines for Roadway and Public Safety

The scope of the report included:

- Receive and prepare drawings
- Visit site and record existing street lighting infrastructure.
- Desktop audit using AGI-32 lighting design software
- Site measurements
- Assess compliance with AS/NZS 1158 and Main Roads WA Lighting Guidelines.
- Schedule all the roads and for each road record the existing lighting equipment and note compliance/non-compliance with AS/NZS 1158
- Preliminary design to improve the street lighting and comply with AS1158 and MRWA quidelines.
- Prepare brief Lighting Audit Report providing recommendations and opinions of probable costs for upgrading the street lighting.





## 3. EXISTING LIGHTING

The existing street lighting was observed in the following areas:

- Local roads have a combination of 80w MV, 125w MV and 42w CLF Wester Power street lighting mounted on overhead power lines.
- Lord Street have 250w HPS and 125w MV Wester Power street lighting mounted on overhead power lines and steel poles
- The principal shared path have MRWA standard lighting.

## 4. SITE MEASUREMENTS

Site measurements were performed on the 18<sup>th</sup> December 2017 at approximately 8pm. Don Yates was informed of the site audit and asked to turn off his private street lighting. He declined to do so and argued the Christmas lighting would influence the readings. The Christmas lighting did not have the intensity to effect the readings.

At the time of the site audit:

- Flood lighting from Bassendean Oval was not operating.
- No moon was present
- Readings were only taken between Nurstead Ave and Guildford Road due to private street lighting effecting north end of Thompson Street.

Readings ranged from 0.01lux to 2.57lux, with an average of 0.7lux. Low measurements as expected were recorded under the Fig tree.

There were a number of previous attempts to conduct site measurement which were cancelled due to Don Yates expressing concerns about the influence of a full moon. For the moon to influence site measurements it needs to be directly overhead to penetrate the tree lined street. This was not the case on previous attempts.

## 5. MERCURY VAPOUR LAMPS

Mercury vapour lamps are obsolete. They have poor energy efficiency and the mercury content poses occupational and environmental hazards. In 2005, the Australian Greenhouse Gas Office banned them for Category V road lighting. In 2008, the United States banned them. From 2011, Australian Standards did not accept mercury vapour streetlights. During 2015, the European Union will phase out all mercury vapour lamps.

During the course of next year, the supply of mercury vapour lamps for maintenance will diminish. Within a few years, road lighting installation with mercury vapour lamps will not be maintainable.

Western power have introduced an 18w LED to replace the 80W mercury vapour lamp. At this point in time there is no replacement for the 125w mercury vapour lamp

Western Power needs to consider alternative lamp sources to replace mercury vapour lamps.



BUREAU VERITAS
Certification

No other alternative is available at this time. Larger wattage compact fluorescent are available but do not fit into street lights.





#### 6. STANDARDS

Australian Standard AS/NZS1158 is summarised in Appendix B.

AS/NZS 1158.1.1: 2005 covers Category V for freeways and highways. Categories V5 to V1 cover these major roads in ascending rank.

Light-technical parameters for road safety at night should be based on the criteria set out in AS/NZS 1158.1.1: 2005.

AS/NZS 1158.3.1: 2005 covers Category P for pedestrian areas. Categories P5 to P1 cover minor roads. The standard gives twelve categories from P1 to P12 covering a wider range of areas and activities. Categories P5 to P1 cover most minor roads in ascending rank.

Light-technical parameters for the security of the community at night should be based on the criteria set out in AS/NZS 1158.3.1: 2005.

AS/NZS 1158 specifies light levels, or illuminance, as "maintained" illuminance. This is the lighting level at the end of the lighting maintenance cycle. The maintained illuminance is related to the initial illuminance by a "maintenance factor" which takes into account depreciation of the lamp output and dirt on luminaire surfaces. For instance, Category P3 requires 1.75 lux maintained corresponding to 2.5 lux initial with a 70% maintenance factor.

When compared with current British and European standard BS/EN 13201, the North American recommendations, and the South African Standard SABS 098, the requirements of AS/NZS 1158 cannot be considered excessive.

Mainroads Western Australia (MRWA) – Lighting Design Guideline for Roadway and Public Space, specify all P catergory lighting shall be designed in accordance with AS/NZS1158.3.1 with the following specific requirements

Item	Road Element	Design Method	AS/NZS reference
1	Roads in local areas	P3, P4, P5	Table 2.1 of AS/NZS 1158.3.1
2	Pathways including cycle ways	P1, P2, P3, P4	Table 2.2 of AS/NZS 1158.3.1
3	Public Activities excluding carparks	P6, P7, P8	Table 2.3 of AS/NZS 1158.3.1
4	Connecting Elements	P9, P10	Table 2.4 of AS/NZS 1158.3.1
5	Outdoor car parks including roof top car parks	P11, P12	Table 2.5 of AS/NZS 1158.3.1
6	Road train assembly area	P8	Table 2.3 of AS/NZS 1158.3.1

With the additional following requirements:

Main Roads requires P2 Category lighting for Principal Shared Paths (PSPs) to be achieved with the following additional parameters:

- a) Typical mounting height for column mounted Pedestrian Light poles shall be 7.0 metres
- b) The outreach length for pedestrian lighting is to be 0.0 to 1.5 metres
- c) The luminaire's optical assembly shall have an adjustable tilt of not less than +50 from the horizontal, which feature shall be inherent in the luminaire's design.



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- However, the upcast and any specific luminaire settings required shall be specified in the design.
- d) All pedestrian lighting design and installation shall be High Pressure Sodium (HPS) lamps.
- e) Point horizontal of no less than 5 lux with vertical Lux to AS1158.3 category P2;
- f) At locations where a PSP intersects another Path the horizontal and vertical illuminance shall not be less than 20 lux;
- g) At locations of conflict and high pedestrian usage such as rail stations point horizontal and vertical illuminance of no less than 20 lux shall be achieved;
- h) Desirable pole setback should be 1.0m from edge of path;
- i) Vegetation in the vicinity of lighting is to be removed/pruned so as proposed lighting levels are maintained.
- Regular maintenance requirements for vegetation should be mentioned under design report.
- Spillage lighting level (roadway lighting only, not commercial lighting etc) and reflectivity of any walls or surfaces in the vicinity of the lighting is to be included in lighting calculations
- Minimum lighting category for PSP under pass lighting is P10 in accordance with AS/NZS 1158.3.1:2005.
- m) It is required to comply with V3 Category lighting requirements where a PSP intersects a road in accordance with AS/NZS 1158.1.1 2005

Main Roads provide roadway and pathway lighting on urban freeways, highways and control of access roads with high traffic volumes (traffic lights) and principal Shared Paths to travel safely at night. **They do not have control or implement lighting standards on local roads.** 

The principal shared path on the northern side on the train line is under MRWA control and would comply with MRWA guidelines.

## 7. RECOMMENDATIONS

MRWA requirement for point horizontal of no less than 5 lux with a vertical Lux to AS1158.3 Cat P2 is intended for principal share parths, not residential streets. We believe a minimum point horizontal of 5 lux is excessive for a residetial street and what you would expect for a shopping mall.

Western Power do not have any lighting equipment in their range that can achieve this standard when installed on exisitng over head power poles.

Referring to the table in Appendix C (AS/NZS 1158.3.1 Pedestrian area lighting), we would recommend complying with AS/NZS 1158.3.3 Cat P3 on all roads in the 200m radius vicinity of the trian station. This is based on:

- Activity medium
- Risk of crime low medium
- Need to enhance prestige medium





Seventh Avenue complies with AS/NZS 1158.3.3 Cat P3.

Thompson Road fails to comply with AS/NZS 1158.3.3 Cat P3 due to the large fig tree located on the corner of Thompson and Lamb Street. The rest of Thompson Road measured, meets AS/NZS 1158.3.3 Cat P3. Due to community concerns it may be appropriate to increace these roads to AS/NZS 1158.3.3 Cat P2 and include vertical illuminance for facial recongnition

Increasing the lighting above category P3 (i.e. category P2) may cause light spill onto abutting properties. Spill light will cause more community disagreement. Consultation with residents on Thompson Road and Seventh Ave would be advised before increasing the lighting levels.

The most important criteria to meet when designing pedestrian street lighting is the vertical illuminiance. Good vertical illuminance allows and person to identify detail, such as approaching poeple. MRWA requirements and AS/NZS 1158.3.1 P2 both specify a point vertical illuminance of 0.7lux.

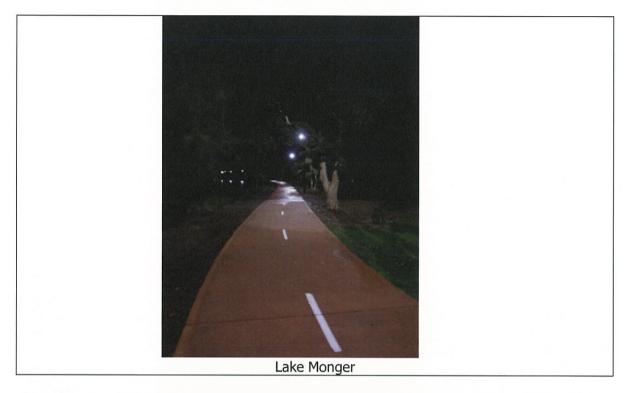
This would satisfy concerned residents in the effected area.





## Some examples of P2 category lighting:

- Lake Monger path lighting, Town of Cambridge
- Copley Park, City of Belmont



To achieve AS/NZS 1158.3.1 P2 using Western Power equipment we would need to install 150W MH roadsters on every overhead power pole.

Alternatively, private LED street lighting could be installed on the other side of the road and the Western Power street lighting removed. This would allow for better light control to limit spill light and redude energy costs.

The Fig tree will need to be considered when designing and installing new street lighting to avoid the existing non compliance propblems. Mounting heights adjacent the tree will need to be reduced to effectivley light the area.



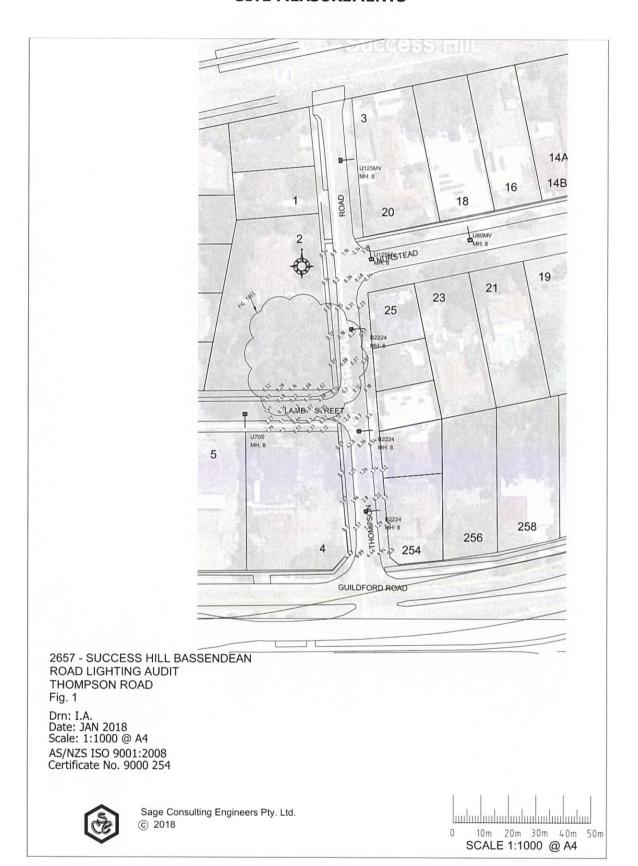


## APPENDIX A

## SCHEDULE OF OBSERVATIONS & COST ESTIMATES



## **SITE MEASUREMENTS**



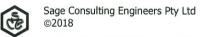


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## **SCHEDULE OF OBSERVATIONS**

No.	Street Name	Length	AS/NZS 1158	Existing Lighting	Complies
1	Anzac Terrace	300	P3	2 x 80W MV, 1 x 80W MV B2224, 1 x 125W MV, 1 x 42W CFL	No
2	Seventh Avenue	180	P3	1 x 80W MV, 2 x 80W MV B2224	Yes
3	Railway Parade	350	P3	3 x 80W MV, 2 x 80W MV B2224, 1 x 125W MV	No
4	Thompson Road	180	P3	2 x 80W MV, 1 x 125W MV	No ①
5	Lamb Street	250	P3	2 x 70W HPS, 1 x 125W MV, 1 x 42W CFL	No
6	Nurstead Avenue	270	P3	2 x 80W MV, 1 x 125W MV, 1 x 42W CFL	No
7	Lord Street	190	V3	3 x 250W HPS,1 x 125W MV	No

① Non-compliance under Fig tree



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## SCHEDULE OF COST ESTIMATES - WESTERN POWER

### AS/NZS 1158.3.3 Cat P3 on all roads

No.	Street Name	Length	AS/NZS 1158	Recommendation	Cost
1	Anzac Terrace	300	P3	Install 4 additional WP 18W led on existing overhead line pole	\$ 12 000 - \$ 24 000
2	Seventh Avenue	180	P3	Retain existing street lighting and request Western Power to clean and re-lamp	\$ 18 000
3	Railway Parade	350	P3	Install 3 additional WP 18W led on existing overhead line pole	\$ 9 000 - \$18,000
4	Thompson Road	180	P3	Retain existing street lighting and request Western Power to clean and re-lamp. Reduce mounting height under Fig tree	\$ 2000
5	Lamb Street	250	P3	Install 4 additional WP 18W led on existing overhead line pole	\$ 12 000 - \$ 24 000
6	Nurstead Avenue	270	P3	Install 3 additional WP 18W led on existing overhead line pole	\$ 9000 - \$18000
7	Lord Street	190	V3	Install 250W HPS @ 50m spacing's	\$ 48,000.00
				Total	\$ 90 000 - \$132 000

## Cost Basis:

250W HPS 12.5m steel pole 150W MH mounted on existing O/H line

\$ 12 000 \$ 3 000 - \$ 6000 \$ 500

Replace existing

- Does not include bulk Western Power replacement of 18W LED not covered in recommendation



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## AS/NZS 1158.3.3 Cat P2 on Thompson Road and Seventh Avenue.

No.	Street Name	Length	AS/NZS 1158	Recommendation	Cost	Priority
1	Anzac Terrace	300	P3	Install 4 additional WP 18W led on existing overhead line pole	\$ 12 000 - \$ 24 000	5
2	Seventh Avenue	180	P2	Replace all with 150W MH and install additional 150W MH on all overhead line poles	\$ 5 000 - \$ 8 000	2
3	Railway Parade	350	P3	Install 3 additional WP 18W led on existing overhead line pole	\$ 9000 - \$18,000	3
4	Thompson Road	180	P2	Replace all with 150W MH and install additional 150W MH on all overhead line poles	\$ 5 000 - \$ 8,000	1
5	Lamb Street	250	P3	Install 4 additional WP 18W led on existing overhead line pole	\$ 12 000 - \$ 24 000	4
6	Nurstead Avenue	270	P3	Install 3 additional WP 18W led on existing overhead line pole	\$ 9000 - \$18000	6
7	Lord Street	190	V3	Install 250W HPS @ 50m spacing's	\$ 48,000.00	9
				Total	\$120 000 - \$192 000	

### Cost Basis:

- 250W HPS 12.5m steel pole

\$ 12 000

- 150W MH mounted on existing O/H line \$ 3 000 - \$ 6000 - Replace existing \$ 500 - Does not include bulk Western Power replacement of 18W LED not covered in recommendation



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S:\2657 Success Hill Bassendean\2657 Report 05.doc

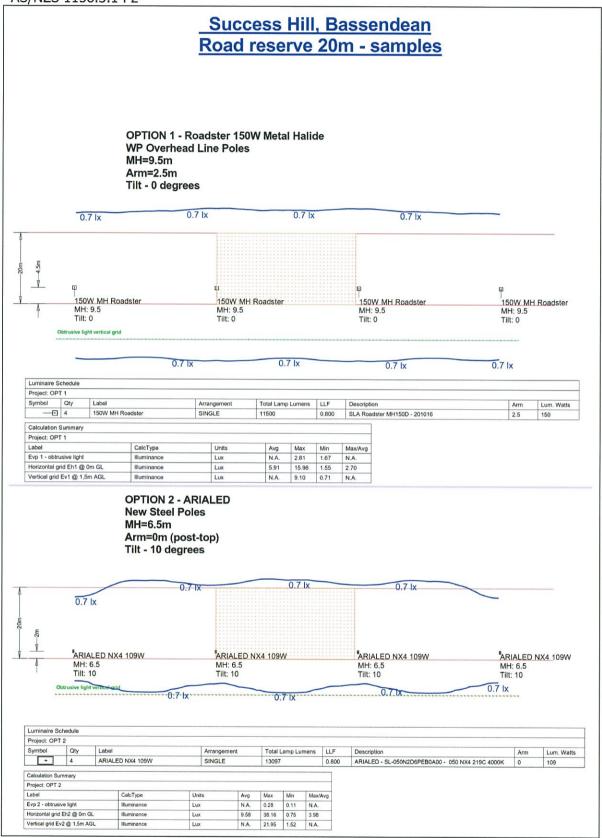


## APPENDIX B

## LIGHTING DESIGN OPTIONS



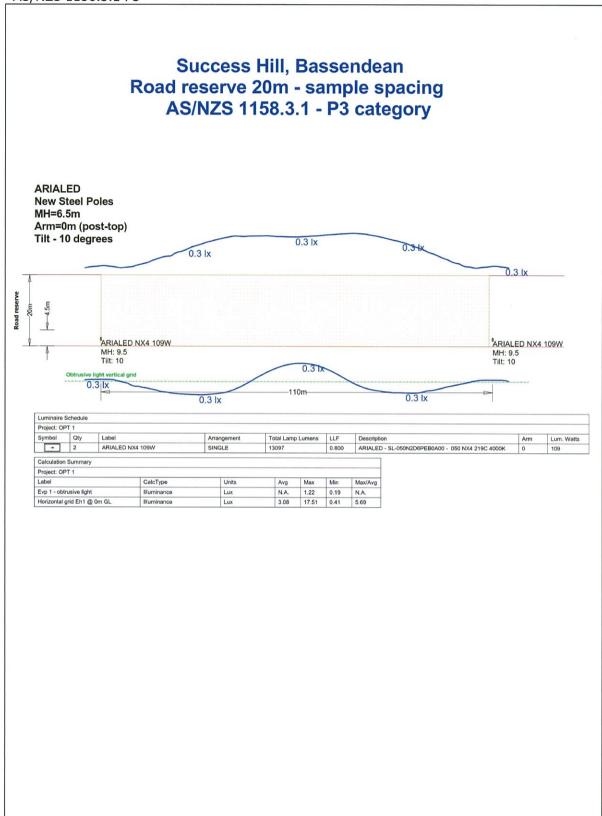
## AS/NZS 1158.3.1 P2







## AS/NZS 1158.3.1 P3







## APPENDIX C

## LIGHTING STANDARDS

AS/NZS 1158.3.1: 2005 - ROADLIGHTING- Pedestrian Area Lighting AS/NZS 1158.1.1: 2005 - ROADLIGHTING- Vehicular Traffic Lighting



## AS/NZS 1158.3.1:2005 Pedestrian area lighting

## Roads & Pathways:

Lightin	g Category @	P1 €	P2 €	Р3	P4	P5	P6	P7	P8
Type of R	oad or Pathway	Pedestrian including a cycle path: Collector r distribute properties Local road properties	or cycle orie along arterial s (P1 to P4 a oads or non- traffic in an a s or streets i including res	DESTRIAN TRAFF entated pathways roads, walkway pply) -arterial roads wl area, as well as s used primarily fo sidential properti	s, e.g. footp , lanes, park hich collect a serving abutt r access to a les.	paths, and ing	city, town, su outdoor shop arcades, towr MIXED PEDESTRIA	ly for pedestric burban centres ping precincts, a squares, civic	an use, e.g. s, including malls, open c centres TRAFFIC
	Activity	n/a	High	Med	Low	Low	Ped only N/A Mixed - High	Med	Low
Selection Criteria	Risk of crime	High	Med	Low local roads - Med	Low	Low	High	Med	Low
	Need to enhance prestige	n/a	High	Med	n/a	n/a	High	Med	n/a
Light Tec	hnical Paramete	ers							
Maintained A Illuminance	Average Horizontal (lux)	7	3.5	1.75	0.85	0.5	21	14	7
Maintained H Illuminance		2	0.7	0.3	0.14	0.07	7	4	2
Maximum Ho Illuminance E <sub>max</sub> /E <sub>ave</sub> (U <sub>p</sub>	Uniformity	10	10	10	10	10	10	10	10
Maintained \ (E <sub>v</sub> ) lux	/ertical Illuminance	2	0.7	0.30	n/a	n/a	7	4	2

## Connecting Elements and Outdoor Car Parks:

<b>Lighting Category</b>	P9	P10	P11a	P11b	P11c	P12
Type of Road or Pathway	Steps, ramps, footbridges, pedestrian ways.	Subways, including associated ramps or steps <b>6</b>	Parking spaceroadways •	es, aisles and	circulation	Parking spaces for people with disabilities •
Night time vehicle or pedestrian movements			High	Medium	Low	
Night time occupancy	N/A	N/A	>75%	>25%, <75%	<25%	N/A
Risk of crime			High	Medium	Low	
Light Technical Parameter	s					
Maintained average horizontal Illuminance (lux) Eh	Same as for highest lighting Category	35	14	7	3.5	-
Maintained horizontal; Illuminance (lux)	applying to adjacent connected areas but,	17.5	3	1.5	0.7	>14 & >Eh
Maximum horizontal Illuminance Uniformity $E_{max}/E_{ave}(U_p)$	where forming part of a road or pathway, to	10	10	10	10	-
Maintained vertical Illuminance  (a) (E <sub>v</sub> ) lux	not less than Category P8	17.5	3	1.5	-	-

#### Notes:

- The highest level of selection criteria that is deemed appropriate for the road or pathway will determine the applicable lighting Category.
- P3, P4 & P5 apply across the whole road reserve. P1 & P2 apply only to the formed footpath
- Where there are good vertical reflecting surfaces alongside the pathway, the next lower lighting Category may be selected
- Applies at 1.5m above the surface of the area.
- The vertical illuminance requirement for Category P3 applies to pathways not local roads
- Subway walls should have a light colour
- Luminaires should be located to highlight obstruction and hazards. For indoor car parks refer to AS1680.2.1



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## AS/NZS 1158.1.1: 2005 - ROAD LIGHTING - Vehicular Traffic Lighting

Lighting Category	V1	V2		V3	V4	V5
APPLICATIONS  Note: for all applications the upward waste light ratio should not exceed 6%	Arterial or main roads in central and regional activity centres of capital and major provincial cities, and other areas with major abutting traffic generators	Arterial roads that predominantly carry through traffic from one region to another, forming principal avenues of communication for traffic movements with major abutting traffic generators	Arterial roads that predominantly carry through traffic from one region to another, forming principal avenues of communication for traffic movements	Freeways, motorways and expressways consisting of divided highways for through traffic with no access for traffic between interchanges and with grade separation at all intersections		connect ain roads to elopment on, or which directly from a region to
Light Technical Parameters				<u> </u>		
Minimum Average Luminance L(cd/m²) (maintained)	1.5	1.0	0	.75	0.5	0.35
Min Overall Uniformity U <sub>o</sub>	0.33	0.33	0	.33	0.33	0.33
Min Longitudinal Uniformity UI	0.5	0.5	(	).5	0.5	0.5
Max Threshold Increment TI(%)	20	20		20	20	20
Min Surround Illuminance ES (%)	50	50		50	50	50
At Intersections - Min Point horizontal Illuminance $E_{min}$ , lux (maintained)	15	10	7	7.5	5	3.5
Max Illuminance Uniformity $E_{\text{max}}/E_{\text{min}}$	8	8		8	8	8
Max Upward Waste Light Ratio %	3	3		3	3	3

## Notes on reflectance characteristics

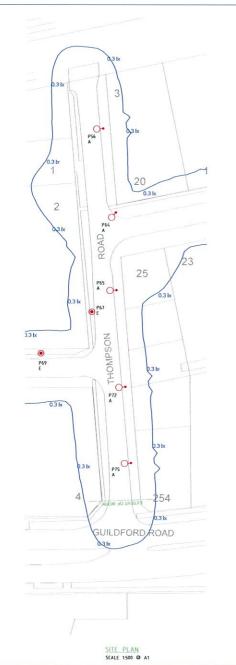
R1 = light diffuse road (e.g. concrete) R2 = diffuse & specular (e.g. asphalt with artificial brightener in aggregate)

R3 = slightly specular, typical highways and MRWA design standard

R4 = mostly specular, very smooth texture







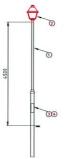
DESIGN NOTE LIGHTING DESIGN TO AS/NZS1158.3.1 CATEGORY P3 (LOCAL ROADS).

ALL DIMENSIONS ARE IN MILLIMETRES DRAWN IN ACCORDANCE WITH AS1100-1992

DO NOT SCALE

THIRD ANGLE PROJECTION

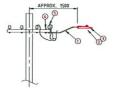




## 4.5 METRE BORDEAUX POLE (SCALE 1 : 100)

BILL	OF	MA	TERIAL!	DMI	03_1B_	EBY

ITEM	STOCK NUN	1BER DESCRIPTION	DTY
1.	CW0146	POLE 4.5m, BORDEAUX EBONY/BLACK	1
2.	HL6331	LUMINAIRE KENSINGTON 17W EBONY/BLACK	1
2.	HL5557	PE CELL	1
3	GF1300	FUSE CARTRIDGE 10AMP	1
4	HZ0132	SL FUSE BOX	1



## MINOR ROAD XARM ON WOOD POLE NOT TO SCALE

#### BILL OF MATERIALS (SL2-42)

ITEM	STOCK NU	1BER DESCRIPTION	QTY
1.	CB0424	BRACKET	1
2.	HL6231	LUMINAIRE-WITH LAMP & PE CEL	L FITTED
3.	GF0558	FUSE CARTRIDGE 10A	1
3.	GF1801	FUSE HOLDER 100A	1
4.	AB4567	Ø12 BOLT 150 LONG WITH NUT	1
5.	FC0110	CLAMP ALUM. 16mm	2

POLE #	EASTING	NORTHING
56	EXISTING	EXISTING
64	EXISTING	EXISTING
65	EXISTING	EXISTING
67	401273.751	6478038.425
72	EXISTING	EXISTING
75	EXISTING	EXISTING

#### SCOPE OF WORK

- 1. SUPPLY & INSTALL STREETLIGHTING POLES & LUMINAIRES IN COMPLIANCE WITH
- 1. SUPPLY 8. INSTALL STREETLIGHTING POLES & LUMINAIRES IN COMPLIANCE WITH ARROSSISTS
  2. SUPPLY 8. INSTALL CARLING INCLUDING TRENCHING & BACKFILLING, LUNDER ROAD BORE CABLE WHERE POSSIBLE.
  3. PROTECT THE WORKS, INCLUDING SIGNAGE, BARRICADES, TEMPORARY WALKWAYS etc.
  4. COMPLETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF ENERGY OUDELINES FOR ELECTRICITY TRANSMISSION & DISTRIBUTION WORK IN WESTERN OF COMPLIANCE WITH WORKS IN A SAFE WANNER 8, BAFETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALLS.
  5. PROVIDE TRAFFE MANAGEMENT.
  6. PROVIDE TRAFFE MANAGEMENT.
  7. INSPECT, TEST ACOMMISSION STREETLIGHTS, INFORM CLENT OF COMMISSIONING.
  8. PROVIDE ELECTRONIC AND HARD COPES OF PRECORD TRANSMISSIONING.
  8. PROVIDE ELECTRONIC AND HARD COPES OF PRECORD TRANSMISSIONING.
  8. PROVIDE ELECTRONIC AND HARD COPES OF PRECORD TRANSMISSIONING.
  8. PROVIDED TO AND STREAM SUBCRETCORY PS (LOCAL ROADS).
  10. COORDINATE WITH TOWN OF BASSENDEAN TO TRIM VEGETATION WHERE NECESSARY.

#### LEGEND

SYMBOL	DESCRIPTION	LUMINAIRE	MANUFACTURER
A •O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P. ◆○	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P. •O	NEW LUMINAIRE - ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P. •O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P. O	NEW LUMINAIRE - KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA (GERARO LIGI



#### WARNING

BEWARE OF OVERHEAD POWER LINES

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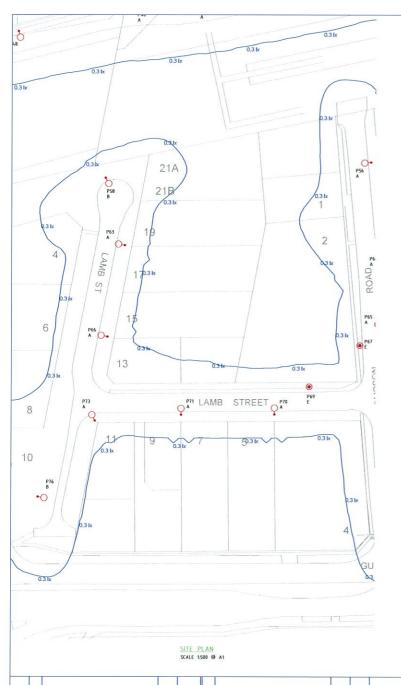




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Fax: (08) 9279 4257
Email: mail@bassendean.wa.gov.au

ELECTRICAL SERVICES SUCCESS HILL, BASSENDEAN THOMPSON ROAD LIGHTING LAYOUT

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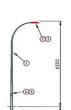
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DESIGN NOTE LIGHTING DESIGN TO AS/NZS1158.3.1 EATEGORY P3 (LOCAL ROADS). 

ALL DIMENSIONS ARE IN MILLIMETRES WITH AS1100-1992 DO NOT SEALE

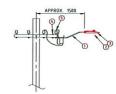




6.5 METRE POLE WITH 1.5 METRE OUTREACH (SCALE 1 : 100)

BILL OF MATERIALS SLB 3L

ITEM STOCK NO. DESCRIPTION CW0255 POLE 6.5m SL STEEL POLE
HL6306 LED LUMINAIRE WITH 8m CABLE
HL5557 NEMA BASE PE CELL
HZ0132 SL FUSE BOX FUSE CARTRIDGE 10AMP



MINOR ROAD XARM ON WOOD POLE
NOT TO SCALE

BILL OF MATERIALS (SL2-42)

ITEM	STOCK NU	MBER I	DESCRIPTION QTY
1.	CB0424	BRACK	ET 1
2.	HL6231	LUMINA	MRE-WITH LAMP & PE CELL FITTED
3.	GF0550	FUSE	CARTRIOGE 10A 1
3.	GF1801	FUSE	HOLDER 100A 1
4.	AB4567	ø12 B	DLT 150 LONG WITH NUT 1
5.	FC0110	CLAMP	ALUM. 16mm 2

#### SCOPE OF WORK

- SUPPLY & BISTALL STREETLICHTING POLES & LUMBAIRES IN COMPLIANCE WITH ASPLISTIS

  2. SUPPLY & BISTALL CABLING INCLUDING TERDOHING & BACKPILLING, UNDER ROAD BORE CABLE WHERE POSSIBLE.

  3. PROTECT THE WORKS, BILLUDING SIGNAGE, BARRIADAES, TERDOHAPY WALKIANS AND THE WORKS FOR ELECTRICITY TO THE WORKS FOR LECTRICITY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALIA.

  5. COMPLETE ELECTRICAL WORKS IN A SAFE MANNER & SAFETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALIA.

  6. REPOINTE STATE A COMMISSION OF STEET LIGHTS, INFORM CLIENT OF COMMISSIONING.

  7. INSPECT TEST & COMMISSION STEET LIGHTS, INFORM CLIENT OF COMMISSIONING.

  8. PROVIDE ELECTROCAL WORKS STEET LIGHTS, INFORM CLIENT OF COMMISSIONING.

  9. DESIGNAET OF ADMISSISTAL SUBCATEGORY PS (LOCAL BOADS).

  9. DESIGNAET OF ADMISSISTAL SUBCATEGORY PS (LOCAL BOADS).

1

4.5 METRE BORDEAUX POLE (SCALE 1 : 100)

BILL OF MATERIALS DM103\_1B\_EBY

CW0146 POLE 4.5m, BORDCAUX EBONY/BLACK
HL6331 LUMINAIRE KENSINGTON 17W EBONY/BLACK
HL5557 PE CELL
GET300 PUSE CARTRIDGE 10AMP
HZ0132 SL FUSE BOX

ITEM STOCK NUMBER DESCRIPTION

POLE #	EASTING	NORTHING
58	401175.064	6470103.225
63	EXISTING	EXISTING
66	EXISTING	EXISTING
69	401254.107	6470022.352
70	EXISTING	EXISTING
71	EXISTING	EXISTING
73	EXISTING	EXISTING
76	401149.136	6469979.446

#### LEGEND

SYMBOL .	DESCRIPTION	LUMINAIRE	MANUFACTURER
P. O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSOD II DWP3 42-60	PHILIPS (SYGNIFY)
P • • ○	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 88W 220-240V DWV	PHILIPS (SYGNIFY)
P. ()	NEW LUMINAIRE - KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA (GERARD LIG



WARNING

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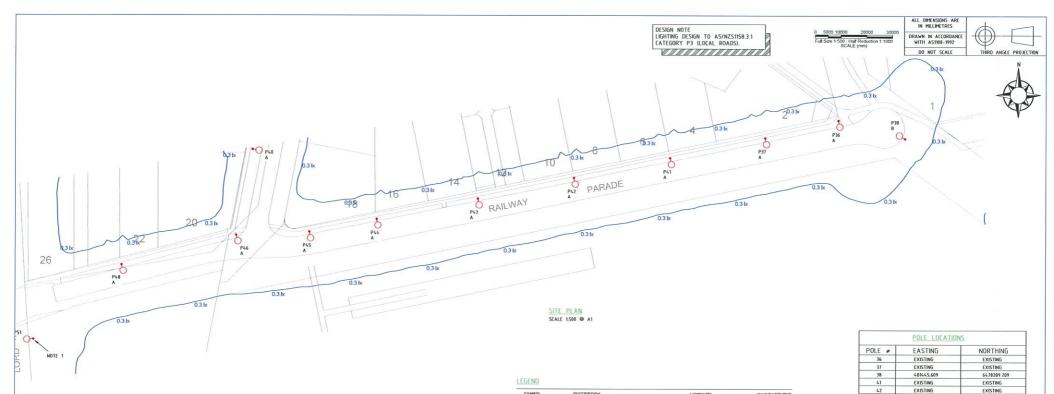
LIGHTING LAYOUT

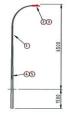
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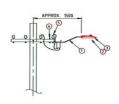






#### BILL OF MATERIALS SLB 3L

ITEM	STOCK NO.	DESCRIPTION	DTY
1	CW0255	POLE 6.5m SL STEEL POLE	1
2	HL6306	LED LUMINAIRE WITH 8m CABLE	1
2	HL5557	NEMA BASE PE CELL	1
3	HZ0132	SL FUSE BOX	1
4	GF1300	FUSE CARTRIDGE 10AMP	1



MINOR ROAD XARM ON WOOD POLE
NOT TO SCALE

#### BILL OF MATERIALS (SL2-42)

1.	CB0424	BRACKET	
2.	HL6231	LUMINAIRE-WITH LAMP & PE CELL	FITTE
3.	GF0550	FUSE CARTRIDGE 10A	
3.	GF1801	FUSE HOLDER 100A	
4.	AB4567	Ø12 BOLT 150 LONG WITH NUT	
5	FC0110	CLAMP ALUM, 16mm	

SYMBOL	DESCRIPTION	LUMINAIRE	MANUFACTURER
A •O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
₽• ••	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P* ( )	NEW LUMINAIRE - KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA (GERARD LIG

SCOPE	OF	WORK

- 1. SUPPLY A INSTALL STREETLIGHTING POLES & LUMINABRES IN COMPLIANCE WITH ASINZS1158
  2. SUPPLY A INSTALL CALE INCI INCLUDING TREIN-HING & BIAGRELING. LUDGE ROAD BORE CABLE WHERE POSSIBLE.
  3. PROTECT THE WORKES INCLUDING SIGNAGE, BARRICAGES, TEMPORARY WALKWAYS &
  4. COMPLETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF EXERCY'S QUIDELINES FOR ELECTRICITY
  6. COMPLETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF EXERCY'S QUIDELINES FOR ELECTRICITY
  7. COMPLETE ELECTRICAL WORKS IN A SAFE BANNER & SAFETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALIA.
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NING	Minimum clearances for Streetligt Luminaire to Overhead Pewer Lin
IN THE LOCATION OF ALL INVENCEMENT OF WORKS,	Low Voltage - 1m High Voltage - 3m Extra High Voltage - 6m
	COMPLY WITH AR/HTRZDOO CLE

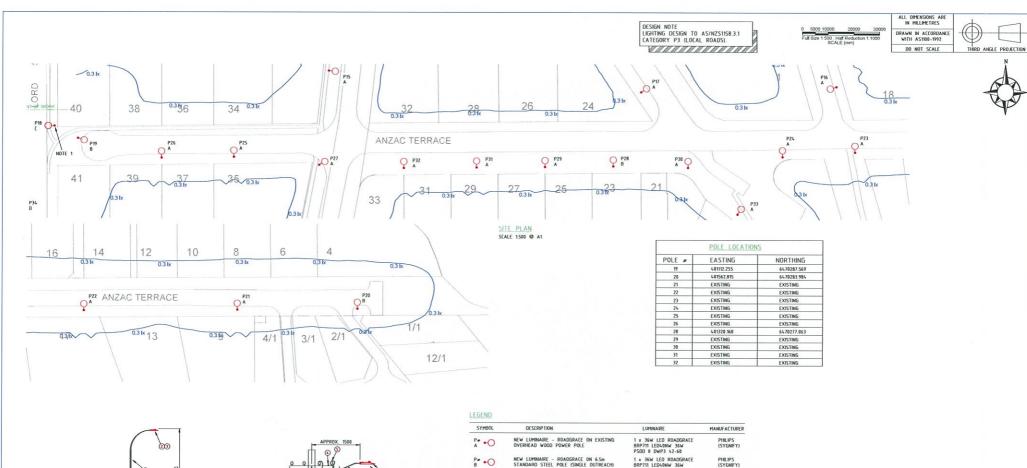


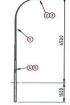


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ELECTRICAL SERVICES SUCCESS HILL, BASSENDEAN RAILWAY PARADE LIGHTING LAYOUT

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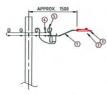




## BILL DE MATERIALS SER RE

		DILL OF PIATERIALS SLESS	
ITEM	STOCK NO.	DESCRIPTION	OTY
1	CW0255	POLE 6.5m SL STEEL POLE	1
2	HL6306	LED LUMINAIRE WITH 8m CABLE	1
2	HL5557	NEMA BASE PE CELL	1
3	HZ0132	SL FUSE BOX	1
4	GF1300	FUSE CARTRIDGE 10AMP	1

A1 ISSUE



## MINOR ROAD XARM ON WOOD POLE NOT TO SCALE

#### BILL OF MATERIALS (SL2-42)

ITEM	STOCK NU	MBER DESCRIPTION	OT.
1.	CB0424	BRACKET	1
2.	HL6231	LUMINAIRE-WITH LAMP & PE CELL	FITTED
3.	GF0550	FUSE CARTRIDGE 10A	1
3.	GF1801	FUSE HOLDER 100A	1
4.	AB4567	\$12 BOLT 150 LONG WITH NUT	1
5.	FC0110	CLAMP ALUM. 16mm	2

DATE CHECKER

SYMBOL	DESCRIPTION	LUMINAIRE	MANUFACTURER
P. O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PS00 II DWP3 42-60	PHILIPS (SYGNIFY)
P. ◆○	NEW LUMINAIRE - ROADGRACE DN 6.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSOD II DWP3 42-60	PHILIPS (SYGNIFY)
P. •O	NEW LUMINAIRE - ROADFLAIR DN EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 80W LED ROADFLAR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P. (1)	NEW LUMINAIRE - KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA IGERARD LIGHTIN

#### SCOPE OF WORK

SUPPLY 8 INSTALL STREETLICHTING POLES & LUMINARIES IN COMPLIANCE WITH ASRCS1158
 SUPPLY 8 INSTALL CABLING INCLUDING TRENCHING & BACKFILLING, UNDER ROAD BORE CABLE WHERE POSSIBLE.
 PROTECT THE WORKS, INCLUDING SIGNACE BARRICAGES. TEMPORARY WALKAWES, AND
 COMPLETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF ENERGY'S GUIDELINES FOR ELECTRICITY

OF COMPLETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF ENERGY'S GUIDELINES FOR ELECTRICITY

OF COMPLETE ELECTRICAL WORKS IN A SAFE MAINNER & SAFETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALIA.

PROVINCE TRAFFIC MAINAGEMENT.

IN RESPECT TEST & COMMISSION STREETLINGTS. INFORM CLEEN OF COMMISSIONING.

PROVINCE ELECTRONCA WORKPIC CORES OF RECORD DRAWNING SHOWING ASCONSTRUCTED STATUS OF WORKS.

DEBURGET OF SAFETY MEAN TO BASSISSIONAT OF MY SECTION OF WHERE NECESSARY.



#### WARNING



DATE CHECKED ISSUE

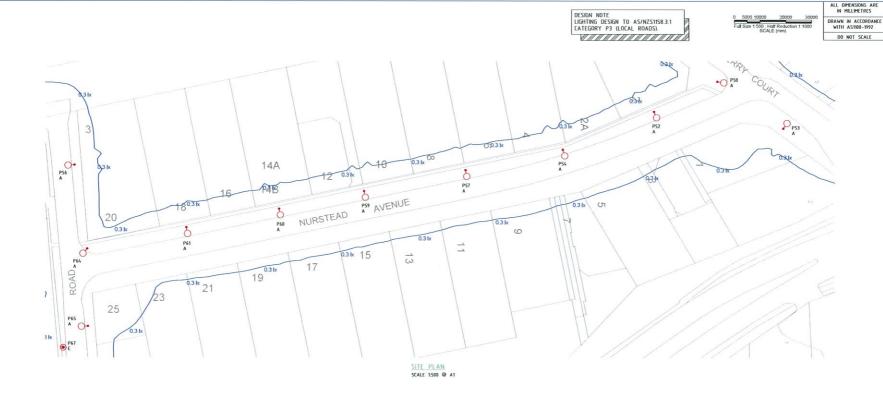


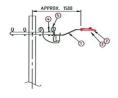


P.O.BOX 87 BASSENDEAN W.A 6934 Tel: (08) 9377 8000 Fax: (08) 9279 4257 Email: mail@bassendean.wa.gov.au

ELECTRICAL SERVICES SUCCESS HILL, BASSENDEAN ANZAC TEE LIGHTING LAYOUT

DESIGNED A.P.	DRAWN	A.P.	CHECKED	CL.
DATE 29/01/19	SCALE	1-500 @A1		
		PROJECT No.	DRAW	ING No
AS/NZS ISO 900 Certificate No. 90	2000	2738	E	ó





## MINOR ROAD XARM ON WOOD POLE NOT TO SCALE

## BILL OF MATERIALS (SL2-42)

ITEM	STOCK I	NUMBER	DESCRIPTION	QTY
1.	CB0424	BRAD	CKET	1
2.	HL6231	LUMII	NAIRE-WITH LAMP & PE CELL	FITTED
3.	GF0550	FUSE	CARTRIDGE 10A	1
3.	GF1801	FUSE	HOLDER 108A	1
4.	AB456	7 \$12	BOLT 150 LONG WITH NUT	1
5.	FC0110	CLAM	1P ALUM, 16mm	2

SYMBOL DESCRIPTION		DESCRIPTION LUMINAIRE	
A •O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PS00 II DWP3 42-60	PHILIPS (SYGNIFY)
P • • ○	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x BOW LED ROADFLAIR BRP391 LED96NW BOW 220-240V DWV	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P. (1)	NEW LUMINAIRE - KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA (GERARD LIGHTIN

#### SCOPE OF WORK

LEGEND

- 1. SUPPLY & INSTALL STREETLIGHTING POLES & LUMINAIRES IN COMPLIANCE WITH ASNZS1158
  2. SUPPLY & INSTALL CALLING INCLUDING TRENCHING & BAGFILLING. UNDER ROAD BORE CABLE WHERE POSSIBLE.
  3. PROTECT IN CHORGE, MICHORN SIGNAGE BERKRICAGES, TEMPORARY WALKAWYS & A COMMETE ELECTRICIAL WORKS IN COMPLIANCE WITH THE OFFICE OF EXERCIS GUIDELINES FOR ELECTRICITY.
  4. COMPLETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF EXERCIS GUIDELINES FOR ELECTRICITY.
  5. COMPLETE ELECTRICAL WORKS IN A SAFE MANNER & SAFETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALIA.
  6. PROVIDE TRAFFIC MANAGEMENT.
  7. RORPECT TEST & COMMISSION STREETLIGHTS. INFORM CLERN OF COMMISSIONING.
  8. PROVIDE ELECTRICAL WORKS OF RECORD DRAWNS SHOWING AS-CONSTRUCTED STATUS OF WORKS.
  9. DESIGNED TO ASPECT WAS 1 SUBCATEGORY FIGUREARY.
  9. DESIGNED TO ASPECT WAS 1 SUBCATEGORY FIGUREARY.
  9. CORROWATE WITH TOWN OF BASSEDIGAT TO THIM VECETATION, WHERE RECESSARY.





CONTRACTOR TO CONFIRM THE LOCATION OF ALL SERVICES PRIOR TO COMPENCEMENT OF WORKS.

#### WARNING

THIRD ANGLE PROJECTION

Minimum clearances for Streetlight Pole/
Luminaire to Overhead Power Lines
Low Voltage - 1m
High Voltage - 3m
Extra High Voltage - 6m
COMPLY WITH AS/NZS7000 CLEARANCES



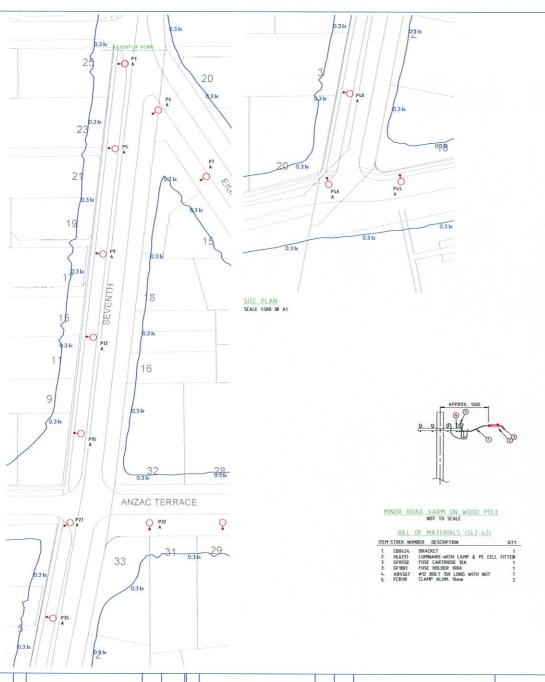




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ELECTRICAL SERVICES SUCCESS HILL, BASSENDEAN NURSTEAD AVENUE LIGHTING LAYOUT

DESIGNED A.P.	DRAWN		A.P.	CHECKED	C.
29/01/19	SCALE	1:500	@A1		
AS/NZS ISO 900 Certificate No. 90			38	9817	E7



A1 ISSUE

DESIGN NOTE LIGHTING DESIGN TO AS/NZS1158.3.1 CATEGORY P3 (LOCAL ROADS). 

ALL DIMENSIONS ARE IN MILLIMETRES DRAWN IN ACCORDANCE WITH AS1100-1992 DO NOT SCALE





#### LEGEND

SYMBOL	DESCRIPTION	LUMINAIRE	MANUFACTURER
P* •O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PS00 II DWP3 42-60	PHILIPS (SYGNIFY)
P • • ○	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PS00 II DWP3 42-60	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE – ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P. (1)	NEW LUMINAIRE - KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA (GERARD LIGHTING

#### SCOPE OF WORK

- SUPPLY & RISTALL STREETLIGHTING POLES & LUMINAIRES IN COMPLIANCE WITH ASR/25159

  2. SUPPLY & RISTALL CABLING INCLUDING TRENCHING & BROGFILLING. UNDER ROAD BORE CABLE WHERE POSSIBLE.

  2. PROTECT THE WORKS, INCLUDING SIGNAGE, BRARICAGES, TEMPORARY YAUGKWAYS 244

  4. COMPLETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF ELECTRY'S GUIDELINES FOR ELECTRICITY
  TEMPORISSON IS DISTRELIZED WORKS IN WESTERN AUSTRALIX.

  5. PROVIDE ELECTRICAL WORKS IN CABLE MARKET AS THE PUBLIC IN COMPLIANCE WITH WORKSAFE
  WESTERN AUSTRALIA.

  6. PROVIDE ELECTRICAL WORKS IN CABLE MARKET & SAFETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE
  WESTERN AUSTRALIA.

  7. PROVIDE ELECTRONICA ON HEMP COPES OF RECORD DRAWNING SHOWING AS-CONSTRUCTED STATUS OF WORKS.

  8. DESIGNAD TO ASR/261183.1 SUBCATEGORY PS (LCCAL ROADS).

POLE LOCATIONS						
POLE #	EASTING	NORTHING				
3	EXISTING	EXISTING				
5	EXISTING	EXISTING				
9	EXISTING	EXISTING				
12	EXISTING	EXISTING				
15	EXISTING	EXISTING				
27	EXISTING	EXISTING				
35	EXISTING	EXISTING				
40	EXISTING	EXISTING				



CONTRACTOR TO CONTRIN THE LOCATION OF ALL SERVICES PRICE TO COMPENCEMENT OF WORKS.

WARNING





P.O.BOX 87 BASSENDEAN W.A 6934 Tel. (08) 9377 8000 Fax (08) 9279 4257

ELECTRICAL SERVICES SUCCESS HILL, BASSENDEAN SEVENTH AVENUE LIGHTING LAYOUT

DESIGNED A.P.	DRAWN	A.P		CHECKED C.
DATE 29/01/19	SEALE	1:500 @A1		
		PROJECT	No.	DRAWIN
AS/NZS ISO 9001:2008 Certificate No. 9000 254		273	8	E8
				SHEET # OF 11

DESIGN NOTE LIGHTING DESIGN TO AS/NZS1158.3.1 CATEGORY P3 (LOCAL ROADS).

ALL DIMENSIONS ARE IN MILLIMETRES DRAWN IN ACCORDANCE WITH AS1100-1992

THIRD ANGLE PROJECTION



#### LEGEND

SYMBOL	DESCRIPTION	LUMINAIRE	MANUFACTURER
P. •O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P. ◆O	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSOD II DWP3 42-60	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P • O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (Sygnify)
P* ( )	NEW LUMINAIRE - KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA IGERARD LIGHTING

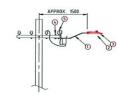
#### SCOPE OF WORK

- 1. SUPPLY & INSTALL STREETLIGHTING POLES & LUMINAIRES IN COMPLIANCE WITH ASINZS1198
  2. SUPPLY & INSTALL CARLING INCLUDING TERNOHING & BACKFILLING, LINDER ROAD BORE CABLE WHERE POSSIBLE.
  2. PROTECT THE WORKS, INCLUDING SIGNAGE, BARRICAGES, TEMPORARY VALIAVANZY &
  4. COMMETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF ENERGY'S GUIDELINES FOR ELECTRICITY
  4. COMMETE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF ENERGY'S GUIDELINES FOR ELECTRICITY
  5. COMPLETE ELECTRICAL WORKS IN A SAME BANRICAR & SAMETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE
  6. WESTERN AUSTRALIA.
  6. PROVIDE TRAFFIC MANAGEMENT.
  7. IN REPORT. LEST & COMMISSION STREETLIGHTS. INFORM CLIENT OF COMMISSIONNIC.
  8. PROVIDE ELECTRICAL WORKS OF RECORD OPERAING SHOWNING AS-CONSTRUCTED STATUS OF WORKS.
  8. DESIGNED TO ASSETT MES A 1 SUBCALEGORY PS (LOCAL ROADS).
  8. DESIGNED TO ASSETT MES A 1 SUBCALEGORY PS (LOCAL ROADS).
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POLE #	EASTING	NORTHING
4	EXISTING	EXISTING
7	EXISTING	EXISTING
8	EXISTING	EXISTING
11	EXISTING	EXISTING
14	EXISTING	EXISTING
17	EXISTING	EXISTING
33	EXISTING	EXISTING

MINOR ROAD XARM ON WOOD POLE
NOT TO SCALE

#### BILL OF MATERIALS (SL2-42)

ITEM	STOCK NU	MBER	DESCRIP	TION				OTY
1.	<b>CB0424</b>	BRA	CKET					1
2.	HL6231		INAIRE-WI			PE	CELL	FITTED
3.	GF0550	FUSE	E CARTRIE	DGE 10A				1
3.	GF1801	FUSE	HOLDER	100A				1
4.	AB4567	Ø12	<b>BOLT 150</b>	LONG	WIT	H N	UT	1
	CERTIFI	FLAN	MILIA CM	16				



#### WARNING



P1 V

0.3 lx





P.O.BOX 87 BASSENDEAN W.A 6934 Tel. (06) 9377 8000 Fax (08) 9279 4257 Email mai@bassendean.wa

ELECT	RICAL	SERVICES
SUCCESS	HILL,	BASSENDEAN
EIC	HIH	AVENUE
LIGH	ITING	LAYOUT

DESIGNED A.P.	DRAWN		A.P.	CHECKED	CL
DATE 29/01/19	1:500 @A1				
53.	AS/NZS ISO 9001:2008 Certificate No. 9000 254		738	SHEET	E9

A1	ISSUE	REVISION	DATE	CHECKED	ISSUE	REVISION	DATE	CHECKED	

A P11

SITE PLAN SCALE 1:500 @ A1

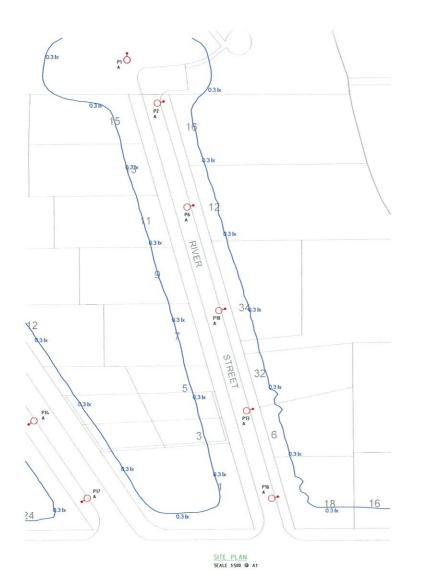
•**○** P3

0.3 lx

16

ANZAC TERRACE

SAGE
203 RAILWAY ROAD
3UBACD W.A. 6008
ECONSULTING TIE. (60) 9:809 9745
ENGINEERS
Pty. Ltd. 82 955 217
A.C.N. 602 955 217



DATE CHECKED

DESIGN NOTE LIGHTING DESIGN TO AS/NZS1158.3.1 CATEGORY P3 (LOCAL ROADS). 

ALL DIMENSIONS ARE IN MILLIMETRES DRAWN IN ACCORDANCE WITH AS1100-1992 DO NOT SCALE

THIRD ANGLE PROJECTION



#### LEGEND

SYMBOL	DESCRIPTION	LUMINAIRE	MANUFACTURER
A •O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P. ◆○	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P* •○	NEW LUMINAIRE - ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P• ←O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE DUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P. O	NEW LUMINAIRE – KENSINGTON ON 4.5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA (GERARD LIGHTING

#### SCOPE OF WORK

POLE LOCATIONS

EASTING

EXISTING

EXISTING

EXISTING

EXISTING

EXISTING

EXISTING

- SUPPLY & INSTALL STREETLIGHTING POLES & LUMINAIRES IN COMPLIANCE WITH ASINZS1158

  SUPPLY & INSTALL CABLING PICLUPING TERROHING & BACKFILLING. UNDER ROAD BORE CABLE WHERE POSSIBLE.

  PROTECT THE WORKS, INCLUDING SIGNAGE, BARRICAGES, TERROHARD WALKWAYS.

  COMPLETE ELECTRICAL WORKS IN COSMILIANCE WITH THE OFFICE OF EMERGY'S CUIDELINES FOR ELECTRICITY TOMASHISSICAL SIGNIFICATION WORK IN WAS STREAM AUSTRALIA.

  COMPLETE LECTRICAL WORKS IN A SIME MANAGER & SAPETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALIA.

  WESTERN AUSTRALIA.

  PROVIDE TRAFFE MANAGEMENT.

  INSPECT. TEST & COMMISSION STREETLIGHTS. INFORM CLIENT OF COMMISSIONING.

  PROVIDE ELECTRICAL OF MANGEMENT.

  DEBONDED TO ASINCATING COMPLETE AS THE COMPLETE OF MANGEMENT SHOWING SHOOMS SHOULD STATUS OF WORKS.

  DEBONDED TO ASINCATING THE STATUS OF PROCEDURE OF RECORD DEAWNING SHOWING ASCONSTRUCTED STATUS OF WORKS.

  DEBONDED TO ASINCATING THE STATUS OF WORKS.

NORTHING

EXISTING

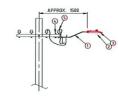
EXISTING

EXISTING

EXISTING

EXISTING

EXISTING



MINOR ROAD XARM ON WOOD POLE
NOT TO SCALE

#### BILL OF MATERIALS (SL2-42)

ITEM	STOCK NU	MBER DESCRIPTION	QTY
1.	CB0424	BRACKET	- 1
2.	HL6231	LUMINAIRE-WITH LAMP & PE CELL	FITTED
3.	GF0550	FUSE CARTRIDGE 10A	1
3.	GF 1801	FUSE HOLDER 100A	1
4.	AB4567	₱12 BOLT 150 LONG WITH NUT	1
5.	FE0110	ELAMP ALUM, 16mm	2



WARNING

C.L.

E10

SHEET NO OF 11

				ra High Voltage - WITH AS/NZS700	
0		ELECTRICAL SERVICES	DESIGNED A.P. DRAW	A.P.	CHECKED
SAGE 203 RAILWAY ROAD COPYRIGHT of this drowing is vester SAGE CONSULTING SUBSCOVERS AGE CONSULTING ENGINEER		SUCCESS HILL, BASSENDEAN	8ATE SCALI 29/01/19	1:500 @A1	
ENGINEERS FAX: (08) 9388 9256 and the centents are salely for the use of the client and Project identity	TeL: (08) 9377 8000 Fax: (08) 9279 4257 Email mail@bassendean.wa.gov.au	RIVER STREET	AS/NZS ISO 9001:2008	PROJECT No.	DR.
Pty. Ltd. Email: misagedunet.ret.au on this drawing.	BASSENDEAN	LIGHTING LAYOUT	Certificate No. 9000 25	4 2738	E

POLE #

10

DESIGN NOTE LIGHTING DESIGN TO AS/NZS115B.3.1 CATEGORY P3 (LOCAL ROADS). 

ALL DIMENSIONS ARE IN MILLIMETRES DRAWN IN ACCORDANCE WITH AS1100-1992 DO NOT SCALE

THIRD ANGLE PROJECTION



		NE	

9/1

P55 B

8/1

6/1

EARLSEERRY

.3 lx OI COURT

SITE PLAN

SCALE 1500 @ A1

10/1

SYMBOL	DESCRIPTION	LUMINAIRE	MANUFACTURER
A •O	NEW LUMINAIRE - ROADGRACE ON EXISTING OVERHEAD WOOD POWER POLE	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
₽• ••	NEW LUMINAIRE - ROADGRACE ON 6.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 36W LED ROADGRACE BRP711 LED40NW 36W PSDD II DWP3 42-60	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON EXISTING OVERHEAD WOOD POWER POLE	1 x 80W LED RDADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P* •O	NEW LUMINAIRE - ROADFLAIR ON 10.5m STANDARD STEEL POLE (SINGLE OUTREACH)	1 x 80W LED ROADFLAIR BRP391 LED96NW 80W 220-240V DWV	PHILIPS (SYGNIFY)
P. (1)	NEW LUMINAIRE - KENSINGTON ON 4,5m BOURDEUX STEEL POLE	1 x 17W LED KENSINGTON	SYLVANIA (GERARO LIGHTIN

	POLE LOCATION	NS
POLE #	EASTING	NORTHING
47	401499.075	6470163.279
53	EXISTING	EXISTING
55	401590.835	6470114.898

#### SCOPE OF WORK

- SUPPLY & INSTALL STREETLIGHTING POLES & LUMINAIRES IN COMPLIANCE WITH ASNOSTISS
   SUPPLY & INSTALL CABLING INCLUDING TRENCHING & BACKFILLING, UNDER ROAD BORE CABLE WHERE POSSIBLE.
   PROTECT THE WORKS, INCLUDING SIGNAGE, BARRICAGES, TEMPORARY WALKWAYS EAST OF THE CHIRCLING AND COMPLIANCE WITH THE OFFICE OF ENERGY'S GUIDELINES FOR ELECTRICITY

  OWNETIE ELECTRICAL WORKS IN COMPLIANCE WITH THE OFFICE OF ENERGY'S GUIDELINES FOR ELECTRICITY

  OWNETIES ELECTRICAL WORKS IN A SAFE MAINIER & SAFETY TO THE PUBLIC IN COMPLIANCE WITH WORKSAFE WESTERN AUSTRALIA.

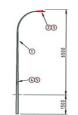
  PROVIDE TRAFFIC WANAGEMENT.

  RESPONSE LECTRICAL WORKS ON STREETLINGTS. INFORM CLIENT OF COMMISSIONING.

  PROVIDE ELECTRICAL WORK OFFI COMPLIANCE SHOWN SHOWING AS-CONSTRUCTED STATUS OF WORKS.

  DEGREED TO SAFETY SAFETY AS A SUBMISSIONING THE CHIRACON FOR CLIENT OF WORKS.

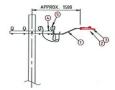
  CORRIGATED THE WITH THE OWN OF BASSISTICATION WEERE NECESSARY.





#### BILL OF MATERIALS SLB 3L

ITEM	STOCK NO.	DESCRIPTION	QTY
1	EW0255	POLE 6.5m SL STEEL POLE	1
2	HL6306	LED LUMINAIRE WITH 8m CABLE	1
2	HL5557	NEMA BASE PE CELL	1
3	HZ0132	SL FUSE BOX	1
4	GF1300	FUSE CARTRIDGE 10AMP	1



MINOR ROAD XARM ON WOOD POLE NOT TO SCALE

#### BILL OF MATERIALS (SL2-42)

	DILL	OF THE LEWIST PACE -451	
ITEM	STOCK NU	MBER DESCRIPTION	DIY
1.	CB0424	BRACKET	1
2.	HL6231	LUMINAIRE-WITH LAMP & PE CELL	FITTED
3.	GF0550	FUSE CARTRIDGE 10A	1
3.	GF1801	FUSE HOLDER 100A	1
4.	AB4567	#12 BOLT 150 LONG WITH NUT	1
	EC 0110	FLAMP ALUM 16mm	2



WARNING

BEWARE OF OVERHEAD POWER LIMES





A1	IS SUE	REVISION	DATE	CHECKED	Kare	REVISION	DATE	DACKER	



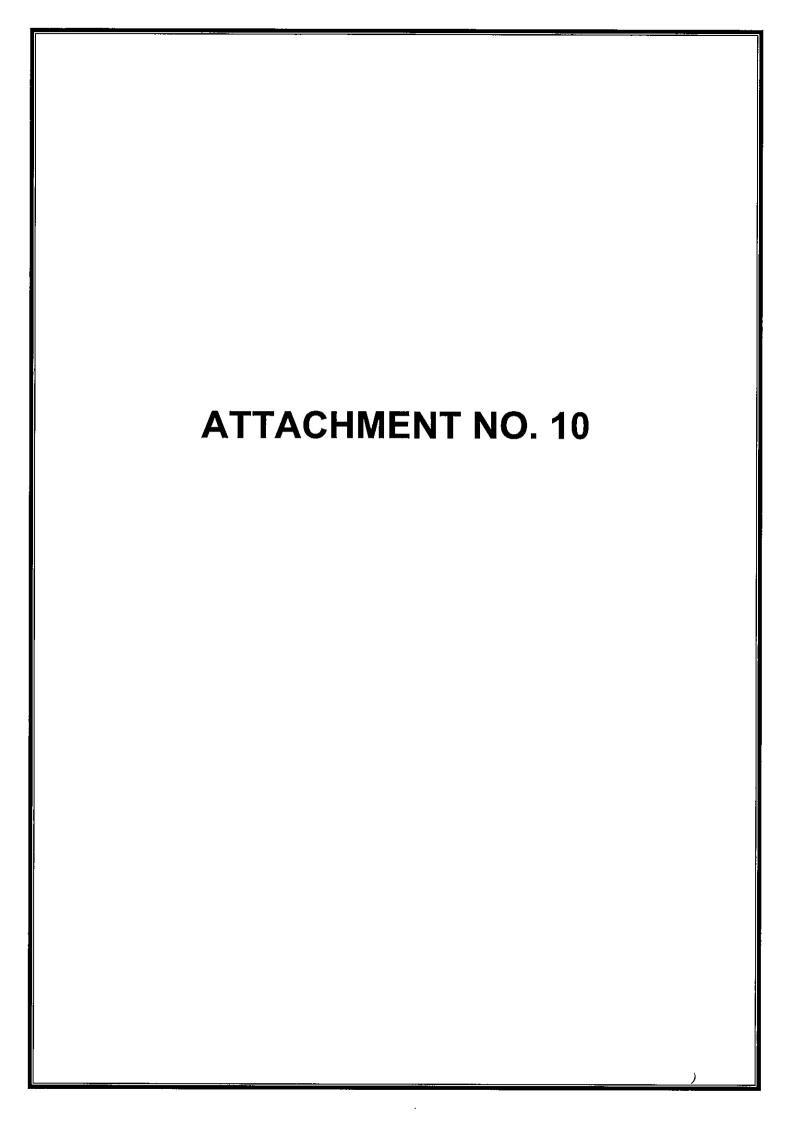


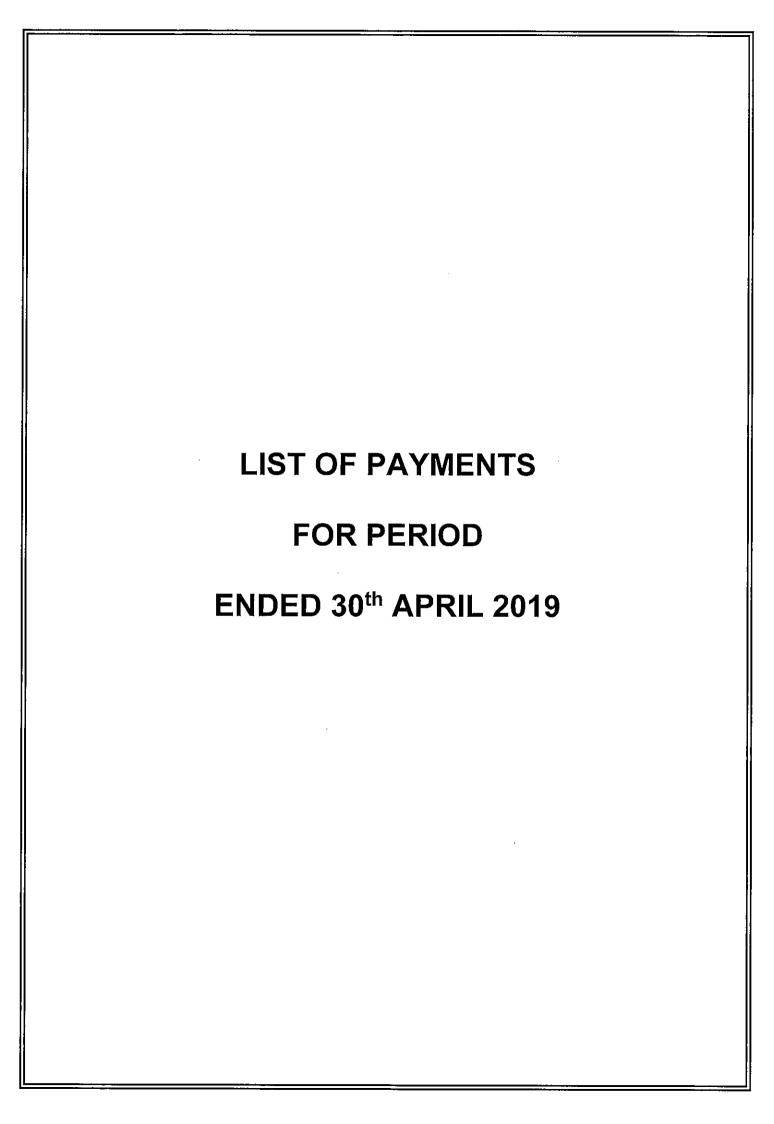
P.O.BOX 87 BASSENDEAN W.A 6934 TeL: (06) 9377 8000 Fax: (08) 9279 4257 Email: mail@bassendean.wa

ELECT	RICAL	SERVICES
SUCCESS	HILL,	BASSENDEAN
EARL	SFERR	Y COURT
1161	TIME	LAVOUT

DESIGNED A.P.	DRAWN	A.P.	CHECKED	CL
DATE 29/01/19	SCALE	1:500 @A1		
		PROJECT No.		CRAWING No.
AS/NZS ISO 9001: Certificate No. 900		2738	SHET	E11







## SUMMARY OF SCHEDULE OF ACCOUNTS

FUND	VOUCHERS	AMOUNT \$
MUNICIPAL / TRUST		
EFT and Direct Debits 01-30 April 2019	37604 – 37861	2,680,772.88
TRUST FUND		
Cheques Commonwealth 6100-1015-9136	0	0
MUNICIPAL BANK		
Cheques Commonwealth 6100-1015-9128	86070 – 86077	29,881.34
		\$2,710,654.22

## **DIRECTOR CORPORATE SERVICES' DECLARATION:**

This schedule of accounts to be passed for payment, covering vouchers as above, which was submitted to each member of Council on 28<sup>th</sup> May 2019 been checked and is fully supported by vouchers and invoices, which are submitted herewith, and which have been duly certified as to the receipt of goods and the rendition of services and as to prices, computations, and costings, and the amounts shown are due for payment.

## DIRECTOR CORPORATE SERVICES

## **MAYOR'S DECLARATION**

I hereby certify that this schedule of accounts, covering vouchers as above, was submitted to the Council on 28<sup>th</sup> May 2019 and that the amounts were approved by the Council for payment.

MAYOR		

1st April 2019 to 30th April 2019

Chq/EFT	Date	Name	Description	Amount
EFT37604	02/04/2019	AUSTRALIAN SERVICES UNION	Payroll Deductions	-181.30
EFT37605	02/04/2019	AUSTRALIAN TAX OFFICE (PAYG)	Payroll Deductions	-94,264.00
EFT37606	02/04/2019	CHILD SUPPORT AGENCY	Payroll Deductions	-224.92
EFT37607	02/04/2019	LGRCEU	Payroll Deductions	-41.00
EFT37608	02/04/2019	TOWN OF BASSENDEAN PAYROLL DEDUCTIONS	Payroll Deductions	-1,936.28
EFT37609	15/04/2019	ATANAS TEGOZ	Security Bond Refund	-4,000.00
EFT37610	15/04/2019	BELLA BUILD AND DESIGN	Development Bond Refund	-42,000.00
EFT37611	15/04/2019	BEN ARNOLD	Security Bond Refund	-2,290.00
EFT37612	15/04/2019	CHRISTINA CAREY	Key Bond Refund	-50.00
EFT37613		CR JAI WILSON	Key Bond Refund	-50.00
EFT37614	15/04/2019	DALE ALCOCK HOMES PTY LTD	Security Bond Refund	-2,290.00
EFT37615	15/04/2019	DHANESH KUMAR CHANDRASEKHARAN	Hall & Key Bond Refund	-550.00
EFT37616	15/04/2019	EILEEN ASHLEY	Hall & Key Bond Refund	-1,050.00
EFT37617		GREG & JULIA DA RUI	Development Bond Refund	-2,112.00
EFT37618		RESIDENTIAL BUILDING WA PTY LTD	Security Bond Refund	-2,290.00
EFT37619	15/04/2019	WENDY MOLLENOYUX	Security Bond Refund	-2,290.00
EFT37620	15/04/2019		Consultancy - Geosamba Upgrades	-360.00
EFT37621		AHA! CONSULTING	Various Staff Training - Engagement Essentials & Project Reports	-7,095.00
EFT37622	15/04/2019	ALLAN BANDT CONSULTING	Staff & Councillors - Training - Strategic	-5,620.00
EFT37623		ALLTOOLS (WA) PTY LTD	Depot - Minor Consumable Tools And Equipment	-68.00
EFT37624		ALSCO PERTH	Office Linen And Laundry Services	-86.80
EFT37625		AMAZING BRICK PAVING	Various Sites - Repair Verge And Walkway Brick Paving	-3,919.00
EFT37626		AMINATA KAMARA	Council Crossover Contribution	-450.00
		ANTHEM PTY LTD	Library -Activity - Literary Salon	-385.00
EFT37628		ASHFIELD COMMUNITY CHEMIST	Seniors - Client - Pharmaceutical Supplies	-249.00
EFT37629	15/04/2019	ASHTON PROPERTY GROUP PTY LTD	Reconciliation Plan - Implementation	-2,299.00
EFT37630		ASSET INFRASTRUCTURE MANAGEMENT	Consulting Fee Asset Management	-4,826.25
EFT37631		AUSTRALIA POST	Various Business Units - Postal Charges - March 2019	-1,778.05
EFT37632		BASSENDEAN MEN'S SHED INC	Traffic Management Services - Markets - March 2019	-500.00
EFT37633	15/04/2019	BASSENDEAN SES ESL ACCOUNT	Capital Grants Purchase - Honda Backup Generator	-5,999.00

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Chq/EFT	Date	Name	Description	Amount
EFT37634	15/04/2019	BCITF	Building & Construction Industry - Levy Collected - March 2019	-2,252.80
_EFT37635	15/04/2019	BRIDIE MCCARTHY	Ryde Program - Refund	-75.00
EFT37636	15/04/2019	CANNON HILL CREATIVE	Various Events - Videographer	-3,600.00
EFT37637	15/04/2019	CASEY & MITCH BREWIS	Celebrating Community Voices Event - Event Staff	-260.00
EFT37638	15/04/2019	CHRISTINE WHITE	Rates Refund	-920.24
EFT37639	15/04/2019	CHURCH OF CHRIST BASSENDEAN	Community Group Funding - Easter Fair	-1,000.00
EFT37640	15/04/2019	COLES SUPERMARKETS AUSTRALIA	Various Business Units - Groceries Supplies	-2,497.01
EFT37641	15/04/2019	CORK AND BOTTLE OLD PERTH ROAD	Ryde Program - Mentor Sundowner	-307.50
EFT37642	15/04/2019	DEPARTMENT OF MINES, INDUSTRY REGULATION & SAFETY	Building Services Levy Collected - March 2019	-2,953.96
_EFT37643	15/04/2019	DISCUS ON DEMAND PTY LTD	Local Planning Strategy Consultation - Printing Of Fyers	-1,655.50
EFT37644	15/04/2019	EDEN FABRICATION PTY LTD	Road Maintenance - Manufacture Traffic Reader Brackets	-1,029.60
EFT37645	15/04/2019	JOHN & GABRIELLA QUAGLIA	Rates Refund	-596.37
EFT37646	15/04/2019	MADDI DEVELOPMENTS	Rates Refund	-1,632.38
EFT37647	15/04/2019	MANIFESTO DESIGN	Festival Of Local Business Go & Brand Development - Design	-1,727.00
EFT37648	15/04/2019	REECE'S STRUCTURES	Christmas Street Party - Equipment Hire - Tables & Chairs Etc	-2,045.45
EFT37649	15/04/2019	SANDRA ROSENDALE	Celebrating Community Voices Event -Event Staff	-130.00
EFT37650	15/04/2019	VIVIENNE WEIR	Reconciliation Day - Welcome To Country	-400.00
EFT37651	15/04/2019	WILLIAM BARRY	Reimbursement - Engagement Hub - Furnishings	-1,300.00
EFT37652	15/04/2019	A W BATES	Upgrade Internal And External Intramaps	-7,000.00
EFT37653	15/04/2019	APEX GATES	Depot Gate - Supply & Program 6 Remotes	-670.60
EFT37654	15/04/2019	AXIIS CONTRACTING	Various Sites - Crossover, Road And Footpath Maintenance & Construc	-10,550.52
EFT37655	15/04/2019	BASSENDEAN NEWSAGENCY	Library - Subscriptions - March 2019	-133.15
EFT37656	15/04/2019	BOC LIMITED	Depot - Bottled Gas Supplies & Equipment	-59.03
EFT37657	15/04/2019	BOWDEN TREE CONSULTANCY	Various Sites - Tree Inspection - Arborist Reports	-2,431.00
EFT37658	15/04/2019	BRICKS 4 KIDZ GOSNELLS	Library - Activities - Lego Briks For Kids	-250.00
EFT37659	15/04/2019	COMESTIBLES	Citizenship Ceremony -Consumables	-2,874.00
EFT37660	15/04/2019	COMMISSIONER OF POLICE	Volunteer Services - Volunteer Police Checks - February 2019	-31.80
EFT37661	15/04/2019	DANIELE FOTI CUZZOLA	Various Events - Publicity, Marketing, Social Media, Distribution	-3,250.00
EFT37662	15/04/2019	DIAL A NAPPY	Children Services - Laundry Supplies	-898.00
EFT37663	15/04/2019	DIAMONDLITE ENTERPRISES	Relax Program - Instructor - Samba Drumming - Term 1	-1,200.00
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Chq/EFT	Date	Name	Description	Amount
EFT37664	15/04/2019	EASTERN METROPOLITAN REGIONAL COUNCIL	Various Domestic & Council Rubbish	-67,941.43
EFT37665	15/04/2019	ECLIPSE DRIVING SCHOOL	Ryde Program - Mentor Session	-60.00
EFT37666	15/04/2019	ECOSCAPE (AUSTRALIA) PTY LTD	Mary Crescent Playground - Completion Of Contract	-935.00
EFT37667	15/04/2019	FOOD TECHNOLOGY SERVICES PTY LTD	Food Safety Services - Contract - March 2019	-1,653.30
EFT37668	15/04/2019	GINO'S ALL ROUND HANDYMAN SERVICE	Seniors - Home Garden & Maintenance	-357.50
EFT37669	15/04/2019	HATCHET PTY LTD ATF DM TRUST	Bassengreen Website Hosting	-330.00
EFT37670	15/04/2019	HELEN DOBBIE	Relax Program - Instructor - Hatha Yoga - Term 1	-840.00
EFT37671	15/04/2019	HWL EBSWORTH LAWYERS	Professional Legal Advise - Human Resources	-2,344.10
EFT37672	15/04/2019	HYGIENE CONCEPTS	Annual Service Fee - Sanity Bins	-5,077.74
EFT376 <b>7</b> 3	15/04/2019	ILONKA FOODS	Seniors Adult Day Centre - Meat And Food Supplies	-186.79
EFT37674	15/04/2019	J & K HOPKINS	Various Business Units - Office Furniture	-455.00
EFT37675	15/04/2019	JAYBRO PTY LTD	Office Supplies - Lens Cleaning Wipes	-74.05
EFT37676	15/04/2019	KENNARDS HIRE	Twilight Markets - Hire Of Electrical Equipment - March 2019	-377.30
EFT37677	15/04/2019	KLEENIT PTY LTD	Various Sites - Graffiti Removal	-6,648.62
EFT37678	15/04/2019	LO-GO APPOINTMENTS	Various Business Units - Labour Hire	-5,925.58
EFT37679	15/04/2019	MALTESE ASSOCIATION OF WA	Hall Hire - Engagement Essentials Training	-450.00
EFT37680	15/04/2019	MORLEY FLOORING CENTRE	Engagement Hub - Removal Of Lino & Carpet (Part)	-1,675.00
EFT37681	15/04/2019	MT LAWLEY MILK	Office Milk Supplies - 35, 46 & 48 Old Perth Road & Depot	-187.60
EFT37682	16/04/2019	DEVELOPMENT CARTOGRAPHICS	Strategic Planning - Contract Drafting Services	-88.00
EFT37683	16/04/2019	HEDGEHOGS CAFÉ	Volunteer - Volunteer Meal Vouchers	-450.00
EFT37684	16/04/2019	HOME CHEF	Seniors - Meals On Wheels - March 2019	-883.95
EFT37685	16/04/2019	MACRI PARTNERS	Independent Auditors Report - Riverbank Funding Project	-880.00
EFT37686	16/04/2019	MOORE STEPHENS	Internal Audit - Advisory	-9,714.10
EFT37687	16/04/2019	N & N J HAEUSLER	Library & Volunteer - Daily/Weekly Newspaper Subscriptions	-26.00
EFT37688	16/04/2019	NATURE PLAY SOLUTIONS	Sandy Beach Play Space - Redesign	-19,580.00
EFT37689	16/04/2019	NEARMAP AUSTRALIA PTY LTD	Nearmap - Subscription Fees 2018/2019	-3,437.50
EFT37690	16/04/2019	NEAT N' TRIM UNIFORMS PTY LTD (NNT) PERTH	Corporate Service Staff - Town Of Bassendean Uniforms	-291.15
EFT37691	16/04/2019	NIKKI DENNERLEY	Children Services - Happy Feet Incursion	-125.00
EFT37692	16/04/2019	OCP SALES	Rangers Services - Uniforms Supplies	-134.98
EFT37693	16/04/2019	OUTKAST HIRE PTY LTD	Celebrating Voices Event - Equipment Hire	-1,830.00

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Chq/EFT	Date	Name	Description	Amount
EFT37694	16/04/2019	PATRICIA FLETCHER	Relax Program - Instructor Zumba - Term 1	-2,600.00
EFT37695	16/04/2019	PERTH PARTY HIRE	Markets - Equipment Hire	-370.00
EFT37696	16/04/2019	PERTH SPECIAL CHILDREN'S CHRISTMAS PARTY	Perth Special Christmas Party - Donation	-350.00
EFT37694 16/04/2019 PATRICIA FLE EFT37695 16/04/2019 PERTH PARTY EFT37696 16/04/2019 PERTH SPECI EFT37697 16/04/2019 PHASE 3 LAN EFT37698 16/04/2019 PILATES FLOW EFT37699 16/04/2019 RHONDA DIA		PHASE 3 LANDSCAPE CONSTRUCTION PTY LTD	Mary Crescent Playground Construction - Progress Claim	-16,775.80
EFT37698	16/04/2019	PILATES FLOW	Relax Program - Instructor Pilates - Term 1	-1,800.00
EFT37699		RHONDA DIANNE PLUMMER	International Womens Day - Event Staff	-160.00
EFT37700	16/04/2019	RICKY ARNOLD AND ASSOCIATES	Cultural Plan - Consultancy Services	-3,375.00
EFT37701	16/04/2019	ROTARY CLUB OF SWAN VALLEY	Markets - Marshalling Services	-1,400.00
EFT37702	16/04/2019	RUBY 9 PTY LTD	Relax Program - Instructor Thursday Morning Yoga - Term 1	-945.00
EFT37703	16/04/2019	SCHWEPPES AUSTRALIA PTY LTD	RALIA PTY LTD Council Chambers - Consumables	
EFT37704	16/04/2019	SD & VH FINDLAY	Community Engagement Hub - Painting	-5,507.25
EFT37705	16/04/2019	SINGTEL OPTUS PTY LTD	Seniors - Support Workers - Mobile Phone Charges - February 2019	-990.95
EFT37706	16/04/2019	SLATER GARTRELL SPORTS	Jubilee Reserve - Supply & Install 4 X 7M Goal Posts	-4,581.50
EFT37707	16/04/2019	SNAP PRINTING MIDLAND	Printing Recyclable Goods Letterbox Drop Flyer	-855.00
EFT37708	16/04/2019	SPIDERWEB SOLUTIONS PTY LTD	Various Business Units - Website Maintenance	-858.00
_EFT37709	16/04/2019	9 STATS PTY LTD Various Sites - Road Testing & Reporting Specialist		-5,495.38
EFT37710	16/04/2019	STREET'S OASIS	Celebrating Voices - Consumables	-2,200.00
EFT37711	16/04/2019	SWAN EVENT HIRE	Your Move Event - Equipment Hire	-150.60
_ EFT37712	16/04/2019	SYNERGY	Various Sites Synergy Account - Electricity Supply Charges	-48,880.90
EFT37713	16/04/2019	T & C COURIER & TRANSPORT SERVICES	Courier Service - Document Delivery- March 2019	-38.88
EFT37714	16/04/2019	TECON AUSTRALIA PTY LTD	Community Engagement Hub -Building Compliance And Report	-2,838.00
EFT37715	16/04/2019	THE ENVIRONMENTAL PRINTING COMPANY	Relax Program - Booklet Printing - Term 2	-1,309.00
EFT37716	16/04/2019	VENUS PLUMBING	Mary Crescent Reserve - Install New Drink Fountain	-968.00
EFT37717	16/04/2019	WATER2WATER PTY LTD	Water Dispenser Rental Maintenance Agreement - March 2019	-49.50
EFT37718	16/04/2019	ZIGGIES EDUCATIONAL SUPPLIES	Library - Junior Fiction Books	-622.65
EFT37719	16/04/2019	ZIRCODATA PTY LTD	Records - Document Bin Rentail & Storage Fees - March	-427.02
EFT37720	16/04/2019	AUSTRALIAN SERVICES UNION	Payroll Deductions	-181.30
EFT37721	16/04/2019	AUSTRALIAN TAX OFFICE (PAYG)	Payroll Deductions	-95,039.80
EFT37722	16/04/2019	CHILD SUPPORT AGENCY	Payroll Deductions	-224.92
EFT37723	16/04/2019	LGRCEU	Payroll Deductions	-41.00

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Chq/EFT	Date	Name	Description	Amount
EFT37724	16/04/2019	TOWN OF BASSENDEAN PAYROLL DEDUCTIONS	Payroll Deductions	-2,236.28
EFT37725	29/04/2019	BRIAN BREWER	Stormwater Bond Refund	-1,000.00
EFT37726	29/04/2019	GEMMILL HOMES	Security Bond Refund	-2,290.00
EFT37727	29/04/2019	MICHAEL J RIPLEY	Security Bond Refund	-2,768.00
EFT37728	29/04/2019	SCOUTS ASSOCIATION OF AUSTRALIA	Hall & Key & Reserve Bond Refund	-1,350.00
EFT37729	29/04/2019	SIMSAI CONSTRUCTION GROUP	Security Bond Refund	-2,290.00
EFT37730	29/04/2019	TAMMY & BRAD MCEWAN	Security Bond Refund	-1,500.00
EFT37731	29/04/2019	ACTION GLASS AND ALUMINIUM	Alf Faulkner Hall - Vandalism To Front Glass Door (Call-Out)	-324.67
EFT37732	29/04/2019	ALSCO PERTH	Office Linen And Laundry Services	-43.40
EFT37733	29/04/2019	ANNE YARDLEY	Library - Oral History Interview And Transcript	-1,105.00
EFT37734	29/04/2019	AUSSIE NATURAL SPRING WATER	Community Engagement Hub - Water Cooler - Rent	-102.60
EFT37735	29/04/2019	AUSTRALASIAN PERFORMING RIGHT ASSOCIATION LTD	Library - License Fees For Public Halls	-342.78
EFT37736	29/04/2019	AUSTRALIAN AIRCONDITIONING SERVICES PTY LTD	Stan Moses Building - Repair Fridge	-1,532.85
EFT37737	29/04/2019	AUSTRALIAN INSTITUTE OF COMPANY DIRECTORS	Various Staff & Councillor - Training - Directors Course	-8,410.00
EFT37738	29/04/2019	AUSTRALIAN NATIVE NURSERIES GROUP	Australian Citzen Ceremony - Plants	-135.00
EFT37739	29/04/2019	BEAVER TREE SERVICES	Various Sites - Street Tree Pruning	-79,038.03
EFT37740		BIDVEST FOOD SERVICE	Seniors Support Workers - Gloves	-191.40
EFT37741		BORAL MIDLAND BRICK	Depot - Stock - Heavy Duty Red Pavers	-1,546.45
EFT37742		BREATHE-EASY CARPET & FABRIC CARE	Senior Communit Hall - Carpet Cleaning To Dining Room	-554.40
EFT37743	29/04/2019	BRICKS 4 KIDZ GOSNELLS	Library - Activities - Lego Briks For Kids	-250.00
EFT37744		BUDGET PEST CONTROL	Various Sites - Ant Inspections And Treatments	-298.00
EFT37745		BUNNINGS GROUP LIMITED	Various Sites - Maintenance Supplies And Equipment	-3,715.76
EFT37746	29/04/2019		Depot - Toilet & Office Supplies	-717.48
EFT37747	_ ` `	<u>CAI FENCING</u>	Ashfield Soccer Pitch - Fence Repairs	-1,430.00
EFT37748		CAPITAL RECYCLING	Illegally Dumped - Pick Up And Dispose Of Asbestos Sheets	-1,364.88
EFT37749		CAROL FLINT	Library - Presenter - Lunchtime Interlude	-450.00
EFT37750		CASA SECURITY PTY LTD	Various Sites - Security Alarm Repairs And Monitoring	-3,034.35
EFT37751		CELTIC CEILINGS	Youth Services - Repair Damaged Collapsed Ceiling - Office	-1,650.00
EFT37752		CGM COMMUNICATIONS	Research Community Engagement - Fogo And Tree Planting	-5,280.00
EFT37753	29/04/2019	CLEANDUSTRIAL SERVICES PTY LTD	Various Buildings - Cleaning	-21,223.16

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Chq/EFT	Date	Name	Description	Amount
EFT37754	29/04/2019	COMESTIBLES	Community Engagement Hub - Launch Consumables	-2,566.80
EFT37755	29/04/2019	COMMAND-A-COM PTY LTD	Council Depot - Phone Maintenance	-122.10
EFT37756	29/04/2019	COUPLERS MALAGA	Depot - Minor Fleet Vehicle Parts	-18.02
EFT37757	29/04/2019	COVS - COVS PARTS PTY LTD	Depot - Minor Fleet Vehicle Parts	-425.60
EFT37758	29/04/2019	CUSTOM CARS	Depot - Minor Fleet Vehicle Parts	-132.00
EFT37759	26/04/2019	WESTERN AUSTRALIAN TREASURY CORPORATION	Loan No. 160B Interest Payment - Library Redevelopment	-6,037.49
EFT37760	30/04/2019	AUSTRALIAN INSTITUTE OF MANAGEMENT	Staff Training - Change Management Training	-1,265.00
EFT37761	30/04/2019	BASSENDEAN WELLNESS CLINIC	Seniors - Client - Podiatry Session	-90.00
EFT37762	30/04/2019	COLES SUPERMARKETS AUSTRALIA	Various Business Units - Groceries Supplies	-1,906.41
EFT37763	30/04/2019	DAILY LIVING PRODUCTS	Seniors - Client Independent Living Supplies	-2,350.00
EFT37764	30/04/2019	DAVID A HEANEY	Bassendean Oval - Remove & Raise Turf In Front Of Mcdonald Stand	-462.00
EFT37765	30/04/2019	DI CANDILO & SONS	Depot - Minor Supplies	-129.80
EFT37766	30/04/2019	DS WORKWEAR & SAFETY	Depot - Staff Uniforms	-175.25
EFT37767	30/04/2019	DULUX AUSTRALIA	Depot - Minor Consumable Items	-158.76
EFT37768	30/04/2019	E FIRE & SAFETY (WA)	Various Sites - Service Vehicles Fire Extinguishers	-523.60
EFT37769	30/04/2019	9 EASTERN METROPOLITAN REGIONAL COUNCIL Various Domestic & Council Rubbish		-35,954.87
EFT37770		ELDERS MIDLAND	Various Sites - Garden Supplies	-97.00
EFT37771	30/04/2019	ELLIOTTS IRRIGATION PTY LTD	Bic Reserve - Iron Filter Service / Maintenance	-245.30
EFT37772	30/04/2019	FAR LANE	Economic Development Strategy - Preparation	-3,954.50
EFT37773	30/04/2019	FUJI XEROX AUSTRALIA PTY LTD	Various Business Units - Photocopier Lease And Charges	-4,205.43
EFT37774	30/04/2019	GALVINS PLUMBING PLUS	Mary Crescent Reserve - Concrete Soakwell - Drink Station	-266.94
EFT37775	30/04/2019	GINO'S ALL ROUND HANDYMAN SERVICE	Seniors - Home Garden & Maintenance	-316.25
EFT37776	30/04/2019	GLENVIEW MACHINE KERBING	Various Sites - Kerbing Repairs	-1,482.25
EFT37777		GRAFTON GENERAL PRODUCTS	Seniors - Client Independent Living Supplies	-143.19
EFT37778	30/04/2019	GREENACRES TURF GROUP	Bic Reserve - Turf Repairs	-1,602.50
EFT37779	30/04/2019	GRONBEK SECURITY	Various Sites - Restricted Keys & Coding	-173.94
EFT37780	30/04/2019	HARVEY NORMAN AV/IT SUPERSTORE MIDLAND	Community Engagement Hub - Electric Kettle	-64.00
EFT37781	· · · · · · · · · · · · · · · · · · ·	HATCHET PTY LTD ATF DM TRUST	Various Sites - Website Hosting	-132.00
EFT37782		HEALTHSTRONG PTY LTD	Seniors - Client - Physiotherapy Session	-227.50
EFT37783	30/04/2019	IMAGESOURCE DIGITAL SOLUTIONS	Various Business Units - Staff Business Cards	-75.90

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Chq/EFT	Date	Name	Description	Amount
EFT37784	30/04/2019	INTEGRAL DEVELOPMENT CONSULTANCY	Building Surveyor - Relief Work	-1,749.00
EFT37785	30/04/2019	J & J SWIFT	Community Engagement Hub - Widen Door Frame	-2,772.00
EFT37786	30/04/2019	J & K HOPKINS	Various Business Units - Office Furniture	-507.00
EFT37787	30/04/2019	JEFF GREEN TREE LOPPING	Various Sites - Street Tree Pruning & Removal	-1,386.00
EFT37788	30/04/2019	JORDAN PHILIP ANDONOVSKI	Relax Program - Booklet Design -Term 2	-420.00
EFT37789	30/04/2019	KITE KINETICS	Library Activity - School Holiday Event- Kite Kinetics	-300.00
EFT37790	30/04/2019	KLEENIT PTY LTD	Administration 48 Old Perth Road - Clean All Windows & Louvers	-4,268.00
EFT37791	30/04/2019	LANDCARE WEED CONTROL	Various Sites - Application Of Weed Control	-4,123.35
EFT37792	30/04/2019	LANDGATE	Annual Slip Subscription Services	-4,595.40
EFT37793	30/04/2019	LO-GO APPOINTMENTS	Various Business Units - Labour Hire	-3,509.24
EFT37794	30/04/2019	LOCAL GOVERNMENT PROFESSIONALS AUSTRALIA WA	Professional Development Conference Staff Attendance	-1,075.00
EFT37795	30/04/2019	LOCHNESS LANDSCAPE SERVICES	Various Reserves - Turf Repairs / Supplies	-759.00
EFT37796	30/04/2019		Various Sites - Key & Lock Repairs	-737.00
EFT37797	30/04/2019	MANIFESTO DESIGN	Festival Of Local Business - Logo & Brand Development	-2,508.00
EFT37798		MARKETFORCE PTY LTD	Various Business Units - Advertising	-1,130.43
EFT37799	30/04/2019	MAXIMUM INDEPENDENCE OCCUPATIONAL THERAPY	Seniors - Independent Living - Initial Assessment	-379.50
EFT37800	30/04/2019	MCDERMOTT GROUP	Various Sites - Plumbing Repairs	-5,053.84
EFT37801		MCLEODS & CO	Professional Fees - Legal Advise	-1,562.00
EFT37802	30/04/2019	MIDLAND MINICRETE	Various Sites - Crossover, Road And Footpath Maintenance	-1,082.10
EFT37803	30/04/2019	MIDLAND RUBBER STAMPS	Various Business Units - Authorisation Stamps	-167.70
EFT37804	30/04/2019	MINT CIVIL PTY LTD	Various Sites - Street Sweeping Services	-9,034.08
EFT37805	30/04/2019	MORLEY MOWER CENTRE	Depot - Minor Plant Parts	-138.99
EFT37806	30/04/2019	MT LAWLEY MILK	Office Milk Supplies - 35, 46 & 48 Old Perth Road & Depot	-241.20
EFT37807	<u> </u>	NATURAL AREA HOLDINGS	Various Low Priority Street - Steam Weeding	-36,779.40
EFT37808	30/04/2019	NEAT N' TRIM UNIFORMS PTY LTD (NNT) PERTH	Depot Staff - Town Of Bassendean Uniforms	-152.15
EFT37809	30/04/2019	NIKKI DENNERLEY	Children Services - Happy Feet Incursion	-125.00
EFT37810	30/04/2019	NORTH LAKE ELECTRICAL PTY LTD	Various Sites - Electrical Repairs & Maintenance	-8,377.56
EFT37811	30/04/2019		Community Engagement Hub - Flip Top Tables	-3,811.50
EFT37812	30/04/2019	OFFICEWORKS SUPERSTORES PTY LTD	Community Engagement Hub - Office Furniture & Chairs Etc	-3,501.50
EFT37813	30/04/2019	OLGA CULLIMORE	Rates Refund	-1,500.00

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Chq/EFT	Date	Name	Description	Amount
EFT37814	30/04/2019	PERTH SAFETY PRODUCTS PTY LTD	Depot - Safety Equipment And Signage .	-68.20
EFT37815	30/04/2019	PORTNER PRESS PTY LTD	Human Resources - Employment Law Update	-97.00
EFT37816	30/04/2019	PROGRAMMED PROPERTY SERVICES	Various Sites - Streetscape Watering	-8,889.63
EFT37817	30/04/2019	QUALITY TRAFFIC MANAGEMENT PTY LTD	Surrey Street Implement Traffic Management For Drainage - Surrey St	
EFT37818	30/04/2019	QUICK CORPORATE AUSTRALIA PTY LTD	Various Business Units - Office Stationery	-2,108.85
EFT37819	30/04/2019	RAECO INTERNATIONAL PTY LTD	Library - Stationery Supplies	-86.86
EFT37820	30/04/2019	READY GARDEN SERVICES	Sandy Beach Reserve - Bore Supplies	-15,620.00
EFT37821	30/04/2019	RELATIONSHIPS AUSTRALIA (WESTERN AUSTRALIA) INC	Employee Assistance Program - Counselling	-495.00
EFT37822	30/04/2019	RESOURCE RECOVERY SOLUTIONS	Council Recycle Waste - Concrete, Bricks, Sand & Hotmix	-624.25
EFT37823	30/04/2019	RICOH AUSTRALIA PTY LTD Various Business Units - Photocopier Lease And Charges		-3,378.72
EFT37824	30/04/2019	RICOH FINANCE AUSTRALIA PTY LTD Various Business Units - Photocopier Lease And Charges		-206.80
EFT37825	30/04/2019	ROADS 2000 Various Sites - Road Re-Surfacing, Kerbing And Drainage Works		-358.81
EFT37826	30/04/2019	RSEA PTY LTD	Depot - Staff Uniforms & Safety Equipment	-113.95
EFT37827	30/04/2019	SD & VH FINDLAY	Various Sites - Painting Interior & Exterior	-250.00
EFT37828	30/04/2019	SEEK LIMITED	Various Business Units - Employment Advertising	-616.00
EFT37829	30/04/2019	SHOFER PTY LTD	Seniors - Transport For Clients - March 2019	-935.25
EFT37830		SIFTING SANDS	Various Sites - Reserves - Sand Clean	-4,308.00
EFT37831	30/04/2019	SPORTROPHY	Town Of Bassendean - Badges & Plaques	-172.50
EFT37832	30/04/2019	STARLET NAPERY	Depot - Uniforms & Safety Gear	-558.80
EFT37833	30/04/2019	STATE WIDE TURF SERVICES	Various Reserves - Turf Repairs	-7,370.00
EFT37834	30/04/2019	STIHL SHOP MIDLAND	Depot - Minor Plant Parts	-74.50
EFT37835	30/04/2019	STOKES ENGINEERING WA PTY LTD	Community Engagement Hub - Building Report	-1,023.00
EFT37836	30/04/2019	STRATAGREEN	Various Sites - Garden Supplies - Potting Mix	-433.62
EFT37837	30/04/2019	SUEZ RECYCLING & RECOVERY PTY LTD	Waste Collection Services - March 2018	-99,393.39
EFT37838	30/04/2019	SUPATURF WA	Bassendean Oval - Line Marker Supplies	-1,430.00
EFT37839	30/04/2019	SUPERCHARGE BATTERIES	Depot - Minor Consumable Tools	-173.16
EFT37840	30/04/2019	SUSSEX INDUSTRIES	Depot - Minor Consumable Supplies	-90.20
EFT37841	30/04/2019	· · · · · · · · · · · · · · · · · · ·	Various Sites Synergy Account - Electricity Supply Charges	-10,313.15
EFT37842	30/04/2019	TACTILE INDICATORS PERTH	Various Footpath Locations - Supply And Install Black Tactiles	-4,240.00
EFT37843	30/04/2019	THE HONDA SHOP	Seniors - Handyman Services - 3 X Honda Lawn Mowers	-4,824.00

1st April 2019 to 30th April 2019

Chq/EFT	Date	Name	Description	Amount
EFT37844	30/04/2019	THE PAMPHLETEERS	Bassendeam Our Future - Flyer Distribution	-2,907.38
EFT37845	30/04/2019	TOTAL EDEN PTY LTD	Various Sites - Reticulation Supplies	-325.17
EFT37846	30/04/2019	UNIFORMS @ WORK	Seniors Staff - Uniforms	-194.69
EFT37847	30/04/2019	VENUS PLUMBING	Mary Crescent Reserve - To Strip And Clean Drink Fountain	-176.00
EFT37848	30/04/2019	VERMEER EQUIPMENT OF WA & NT	Depot - Minor Plant Parts	-1,012.28
EFT37849	30/04/2019	WALKERS PEST & LAWN MANAGEMENT	Various Sites - Treatment Of Green Headed Ant Nests	-3,080.00
EFT37850	30/04/2019	WATTS WESTERN RUBBER	Various Fleet Vehicle - Tyre Repairs & Replacements	-38.50
EFT37851	30/04/2019	WEST-NET IMAGING PTY LTD	Library - Microfilming Newspapers 2018 And Duplicate Roll	-2,578.57
EFT37852		WESTBOOKS	Library - Book Stock Purchases	-431.42
EFT37853	30/04/2019	WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	Various Business Units - Market Force Advertising	-4,665.60
EFT37854	30/04/2019	WINC. AUSTRALIA PTY LTD	Various Business Units - Office Stationery	-904.66
EFT37855	30/04/2019	WURTH AUSTRALIA PTY LTD	Depot - Minor Plant Parts	-115.28
EFT37856	30/04/2019	AUSTRALIAN SERVICES UNION	Payroll Deductions	-181.30
EFT37857	30/04/2019	AUSTRALIAN TAX OFFICE (PAYG)	Payroll Deductions	-93,662.00
EFT37858		CHILD SUPPORT AGENCY	Payroll Deductions	-224.92
EFT37859	30/04/2019	<del></del>	Payroll Deductions	-41.00
EFT37860		TOWN OF BASSENDEAN PAYROLL DEDUCTIONS	Payroll Deductions	-1,936.28
EFT37861	30/04/2019	WESTERN AUSTRALIAN TREASURY CORPORATION	Loan No. 156 Interest Payment - Library Redevelopment	-13,214.64

1st April 2019 to 30th April 2019

DD17139.1	04 10 4 /0040		Description	Amount
DD474424	01/04/2019	ONHOLD MAGIC	Monthly Pmt Messages On Hold	-138.80
DD17142.1	02/04/2019	WA LOCAL GOVERNMENT SUPERANNUATION PLAN	Payroll Deductions	-46,645.29
DD17142.2	02/04/2019	REST SUPERANNUATION	Payroll Deductions	-1,279.22
DD17142.3	02/04/2019	MANIC SUPERANNUATION SUPER FUND	Payroll Deductions	-689.01
DD17142.4	02/04/2019	VIC SUPER	Superannuation Contributions	-226.77
DD17142.5	02/04/2019	MLC SUPER FUND	Superannuation Contributions	-653.48
DD17142.6	02/04/2019	SUPER DIRECTIONS FUND	Superannuation Contributions	-226.77
DD17142.7	02/04/2019	ANZ SMART CHOICE SUPER	Payroll Deductions	-659.13
DD17142.8	02/04/2019	AMP SUPERLEADER	Payroll Deductions	-432.64
DD17142.9	02/04/2019	NGS SUPER	Superannuation Contributions	-298.44
<del></del>		MLC SUPER FUND	Superannuation Contributions	-201.83
DD17142.11	02/04/2019	SUN SUPER	Superannuation Contributions	-71.22
	02/04/2019	WEALTH PERSONAL SUPERANNUATION AND PENSION FUND	Payroll Deductions	-848.15
DD17142.13	02/04/2019	COMMONWEALTH ESSENTIAL SUPER	Superannuation Contributions	-112.26
	02/04/2019	AUSTRALIAN ETHICAL SUPER	Superannuation Contributions	-265.25
DD17142.15	02/04/2019	CARE SUPER	Superannuation Contributions	-135.61
		CBUS INDUSTRY SUPERFUND	Superannuation Contributions	-271.20
DD17142.17	02/04/2019	T & E SUPER FUND	Superannuation Contributions	-48.00
DD17142.18	02/04/2019	BT SUPER FOR LIFE	Superannuation Contributions	-205.79
	02/04/2019		Superannuation Contributions	-323.64
		COLONIAL FIRST STATE	Payroll Deductions .	-1,128.02
DD17142.21	02/04/2019	HESTA SUPER FUND	Payroll Deductions	-2,171.38
DD17142.22	02/04/2019	PLUMMER SUPERANNUATION FUND	Superannuation Contributions	-1,009.42
	02/04/2019	B & L SUPER FUND	Superannuation Contributions	-189.62
DD17142.24	02/04/2019	AUSTRALIAN/WESTSCHEME SUPER	Superannuation Contributions	-5,090.05
DD17142.25	02/04/2019	HOST PLUS	Superannuation Contributions	-384.78
		TWU SUPERANNUATION	Superannuation Contributions	-278.72
		COMMONWEALTH CREDIT CARDS	Credit Card - March 2019	-20,575.88
		SHERIFFS OFFICE	Fines To Be Lodged With Fer	-1,143.00
DD17197.1	15/04/2019	SG FLEET AUSTRALIA PTY LTD	Fleet Vehicles Leases - April 2019	-18,180.62

1st April 2019 to 30th April 2019

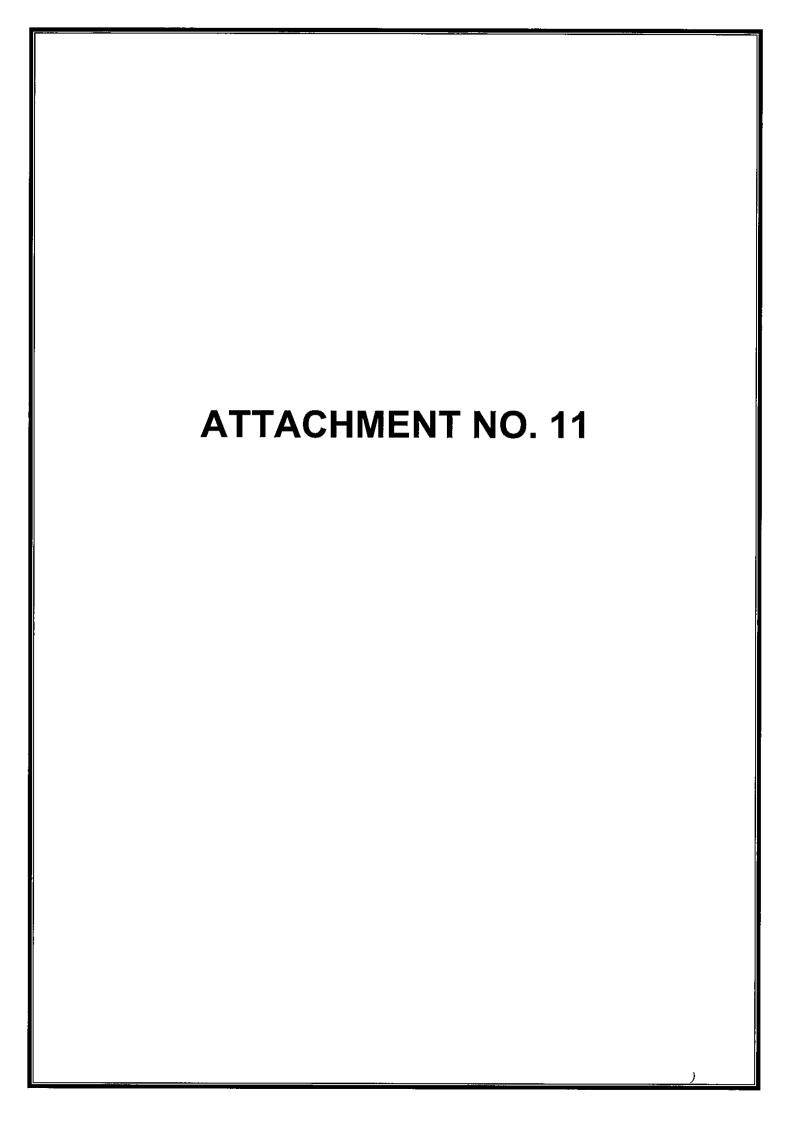
Chq/EFT	Date	Name	Description	Amount
DD17192.1	16/04/2019	WA LOCAL GOVERNMENT SUPERANNUATION PLAN	Payroll Deductions	-46,355.44
DD17192.2	16/04/2019	REST SUPERANNUATION	Payroll Deductions	-1,279.22
DD17192.3	16/04/2019	MANIC SUPERANNUATION SUPER FUND	Payroll Deductions	-707.58
DD17192.4	16/04/2019	VIC SUPER	Superannuation Contributions	-226.77
DD17192.5	16/04/2019	MLC SUPER FUND	Superannuation Contributions	-740.17
DD17192.6	16/04/2019	SUPER DIRECTIONS FUND	Superannuation Contributions	-247.49
DD17192.7	16/04/2019	ANZ SMART CHOICE SUPER	Payroll Deductions	-571.93
DD17192.8	16/04/2019	AMP SUPERLEADER	Payroll Deductions	-478.02
DD17192.9	16/04/2019	NGS SUPER	Superannuation Contributions	-293.31
DD17192.10	16/04/2019	MLC SUPER FUND	Superannuation Contributions	-208.88
DD17192.11	16/04/2019	SUN SUPER	Superannuation Contributions	-61.93
	16/04/2019	WEALTH PERSONAL SUPERANNUATION AND PENSION FUND	Payroll Deductions	-847.46
DD17192.13	16/04/2019	COMMONWEALTH ESSENTIAL SUPER	Superannuation Contributions	-164.13
DD17192.14		AUSTRALIAN ETHICAL SUPER	Superannuation Contributions	-265.25
DD17192.15	16/04/2019	CARE SUPER	Superannuation Contributions	-148.64
		CBUS INDUSTRY SUPERFUND	Superannuation Contributions	-284.36
		T & E SUPER FUND	Superannuation Contributions	-32.52
DD17192.18	16/04/2019	BT SUPER FOR LIFE	Superannuation Contributions	-205.79
DD17192.19	16/04/2019	Q SUPER	Superannuation Contributions	-323.64
DD17192.20	16/04/2019	COLONIAL FIRST STATE	Payroll Deductions	-920.63
DD17192.21	16/04/2019	HESTA SUPER FUND	Payroll Deductions	-2,295.17
DD17192.22	16/04/2019	PLUMMER SUPERANNUATION FUND	Superannuation Contributions	-1,009.42
DD17192.23	16/04/2019	B & L SUPER FUND	Superannuation Contributions	-189.62
		AUSTRALIAN/WESTSCHEME SUPER	Superannuation Contributions	-5,291.41
	16/04/2019	HOST PLUS	Superannuation Contributions	-322.49
DD17192.26	16/04/2019	TWU SUPERANNUATION	Superannuation Contributions	-278.72
DD17220.1	30/04/2019	WA LOCAL GOVERNMENT SUPERANNUATION PLAN	Payroll Deductions	-45,740.32
DD17220.2		REST SUPERANNUATION	Payroll Deductions	-1,279.22
DD17220.3	30/04/2019	MANIC SUPERANNUATION SUPER FUND	Payroll Deductions	-713.12
DD17220.4	30/04/2019	VIC SUPER	Superannuation Contributions	-226.77

1st April 2019 to 30th April 2019

Chq/EFT	Date	Name	Description	Amount
DD17220.7	30/04/2019	ANZ SMART CHOICE SUPER	Payroll Deductions	-593.65
DD17220.8	30/04/2019	AMP SUPERLEADER	Payroll Deductions	-487.26
DD17220.9	30/04/2019	NGS SUPER	Superannuation Contributions	-308.70
DD17220.10	30/04/2019	MLC SUPER FUND	Superannuation Contributions	-208.88
DD17220.11	30/04/2019	SUN SUPER	Superannuation Contributions	-15.48
DD17220.12	30/04/2019	WEALTH PERSONAL SUPERANNUATION AND PENSION FUND	Payroll Deductions	-847.83
DD17220.13	30/04/2019	COMMONWEALTH ESSENTIAL SUPER	Superannuation Contributions	-124.49
DD17220.14	30/04/2019	AUSTRALIAN ETHICAL SUPER	Superannuation Contributions	-265.25
DD17220.15	30/04/2019	CARE SUPER	Superannuation Contributions	-148.64
DD17220.16	30/04/2019	CBUS INDUSTRY SUPERFUND	Payroll Deductions	-455.34
DD17220.17	30/04/2019	BT SUPER FOR LIFE	Superannuation Contributions	-252.09
DD17220.18	30/04/2019	Q SUPER	Superannuation Contributions	-323.64
DD17220.19	30/04/2019	COLONIAL FIRST STATE	Payroll Deductions	-858.48
DD17220.20	30/04/2019	HESTA SUPER FUND	Payroll Deductions	-2,145.75
DD17220.21	30/04/2019	PLUMMER SUPERANNUATION FUND	Superannuation Contributions	-1,009.42
DD17220.22	30/04/2019	B & L SUPER FUND	Superannuation Contributions	-210.71
DD17220.23	30/04/2019	AUSTRALIAN/WESTSCHEME SUPER	Superannuation Contributions	-5,177.94
DD17220.24	30/04/2019	HOST PLUS	Superannuation Contributions	-344.29
DD17220.25	30/04/2019	TWU SUPERANNUATION	Superannuation Contributions	-293.19
	30/04/2019	PAYROLL CREDITORS	TOTAL FOR MONTH APRIL 2019	1255 111 05
	30/04/2013	FATROLL CREDITORS	TOTAL FOR MONTH APRIL 2019	-1,266,441.96
			TOTAL MUNICIPAL & TRUST EFT PAYMENTS	-2,680,772.88

#### 1st April 2019 to 30th April 2019

Chq/EFT	Date		Description	Amount
<u></u>	<u> </u>			
	<u> </u>			
			TOTAL TRUST CHEQUE PAYMENTS	0.0
Chq/EFT	Date	Name	Description	Amount
86070	<u> </u>	ALINTA ENERGY	Various Sites - Gas Supply Charges	-589.6
86071		PHYLLIS PTOLOMEY	Rates Refund	-656.7
86072		SOPHIA WEYERS	Rates Refund	-57.0
86073		SUZAN NESS	Rates Refund	-649.:
86074	15/04/2019		Telstra Telephone & Mobile Account - March 2019	-6,654.7
86075	15/04/2019	TOWN OF BASSENDEAN-PETTY CASH	Various Business Units - Petty Cash	-554.0
86076	15/04/2019	WATER CORPORATION	Various Sites - Water Rates & Usage Charges	-17,679.9
86077	15/04/2019	WATER CORPORATION	Standard Infrastructure Contributions - Wastewater	-3,040.0
			TOTAL MUNICIPAL CHEQUES	-29,881.34
			TOTAL PAYMENTS FOR APRIL 2019	-2,710,654.2





# FINANCIAL STATEMENTS FOR THE PERIOD ENDED 30 April 2019

#### **MONTHLY FINANCIAL REPORT**

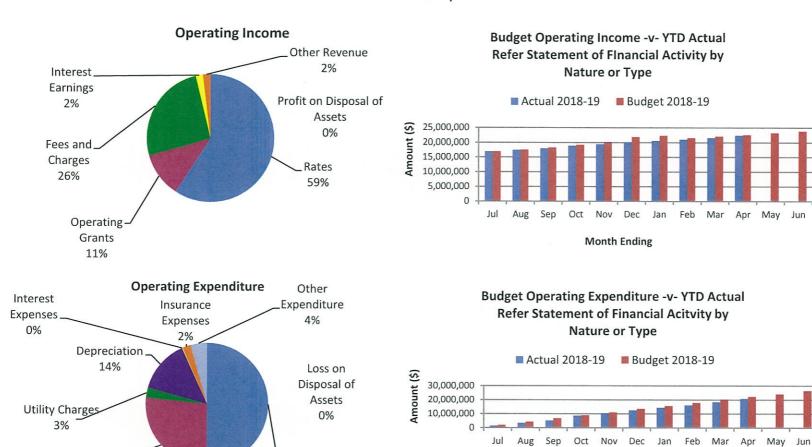
## (Containing the Statement of Financial Activity) For the Period Ended 30 April 2019

## LOCAL GOVERNMENT ACT 1995 LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996

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#### Town of Bassendean Information Summary For the Period Ended 30 April 2019



Employee

Costs

50%

Materials and\_

Contracts

27%

**Month Ending** 

# TOWN OF BASSENDEAN STATEMENT OF FINANCIAL ACTIVITY (Statutory Reporting Program) For the Period Ended 30 April 2019

	Note	Original Annual Budget	Amended Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Va
		Duuget	Ś	\$	\$	\$	%	
Opening Funding Surplus(Deficit)	3	1,646,933	1,921,369	1,921,369	1,921,369		0.00%	
Revenue from operating activities								
Governance		17,200	17,200	15,340	8,015	(7,325)	(47.75%)	8
General Purpose Funding - Rates	2	13,103,005	12,832,304	12,813,554	12,839,193	25,639	0.20%	
General Purpose Funding - Other		981,223	840,067	638,273	785,775	147,502	23.11%	0
Law, Order and Public Safety		112,700	114,740	100,790	103,213	2,423	2.40%	
Health		2,760,665	2,736,115	2,731,982	2,738,873	6,892	0.25%	
Education and Welfare		5,051,412	5,144,355	4,271,012	4,551,670	280,658	6.57%	0
Community Amenities		218,000	219,440	126,840	131,812	4,972	3.92%	
Recreation and Culture		236,560	246,852	207,572	280,349	72,777	35.06%	0
Transport		154,000	159,966	159,966	59,113	(100,853)	(63.05%)	8
Economic Services		100,350	100,450	86,950	76,627	(10,323)	(11.87%)	8
Other Property and Services		83,172	100,545	86,826	111,463	24,637	28.38%	0
,		22,818,287	22,512,033	21,239,104	21,686,103	24,037	2.10%	•
Expenditure from operating activitie	s		22,512,055	21,233,104	21,000,103		2.1070	
Governance		(1,181,968)	(1,529,058)	(1,318,924)	(792,029)	526,896	39.95%	0
General Purpose Funding		(777,422)	(751,472)	(623,755)	(667,956)	(44,201)	(7.09%)	8
Law, Order and Public Safety		(676,252)	(676,902)	(538,365)	(542,988)	(4,624)		0
Health		(3,189,115)	(3,071,767)	(2,534,512)			(0.86%)	
Education and Welfare		(5,560,607)			(2,431,165)	103,346	4.08%	
Community Amenities		The second secon	(5,644,144)	(4,697,303)	(4,811,053)	(113,750)	(2.42%)	•
Recreation and Culture		(1,325,057)	(1,341,841)	(1,089,031)	(1,028,175)	60,856	5.59%	0
		(6,593,488)	(6,554,496)	(5,532,665)	(5,315,912)	216,754	3.92%	_
Other Property and Services		(202,135)	(228,177) (26,394,704)	(210,223) (22,070,992)	(146,828) (20,758,561)	63,395	30.16% 5.95%	0
Operating activities excluded from b	udget	(=0,=0=), ==,	(20,00 1,70 1)	(22,070,332)	(20,730,301)		3.3370	
Add back Depreciation		3,316,368	3,321,152	2,768,274	2,919,374	151,100	5.46%	8
Adjust (Profit)/Loss on Asset Disposal		(11,266)	(11,266)	33,734	_ =	(33,734)	(100.00%)	8
Movement in Leave Reserve		10,405	10,405	9,368	9,368		0.00%	
Amount attributable to operating ac	tivities	31,082	(562,379)	1,979,488	3,856,284			
Investing Activities								
Non-operating Grants, Subsidies and								
Contributions		2,382,964	1,289,331	2,382,964	703,642	(1,679,322)	(70.47%)	8
Proceeds from Disposal of Assets	10	897,300	897,300	-	-	-		
Land and Buildings	8	(955,500)	(328,624)	(915,177)	(118,575)	(796,602)	(87.04%)	8
Infrastructure Assets - Roads	8	(1,878,165)	(902,934)	(1,752,934)	(381,679)	(1,371,255)	(78.23%)	8
Infrastructure Assets - Footpaths	8	(25,500)	(42,390)	(42,390)	(40,769)	(1,621)	(3.82%)	
Infrastructure Assets - Other	8	(635,600)	(621,741)	(567,285)	(383,684)	(183,601)	(32.36%)	8
Infrastructure Assets - Drainage	8	(547,750)	(389,700)	(389,700)	(26,923)	(362,777)	(93.09%)	8
Plant and Equipment	8	(147,700)	(16,111)	(16,111)	(16,110)	(1)	(0.01%)	
Furniture and Equipment	8	(801,000)	(81,322)	(781,322)	(27,561)	(753,761)	(96.47%)	8
Amount attributable to investing act		(1,710,951)	(196,191)	(2,081,955)	(291,659)	(100)101	(30.4770)	
Financing Actvities								
Self-Supporting Loan Principal		21,134	21,134	15,719	15,719		0.00%	
Transfer from Reserves	5	1,414,500	1,288,191	13,713	13,/13			
Repayment of Debentures	4			(115 105)	(115 105)		-100.00%	
Transfer to Reserves	5	(132,881)	(132,881)	(115,185)	(115,185)	-	0.00%	
Amount attributable to financing act		(1,248,204) <b>54,549</b>	(2,317,630) (1,141,186)	(119,043) (218,509)	(119,043) (218,509)		0.00%	
Closing Funding Sumbor 15 - 51-14	_							
Closing Funding Surplus(Deficit)	3	21,614	21,614	1,600,393	5,267,486			

More Revenue OR Less Expenditure

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.

Less Revenue OR More Expenditure

# TOWN OF BASSENDEAN STATEMENT OF FINANCIAL ACTIVITY (By Nature or Type)

For the Period Ended 30 April 2019

	Note	Original Annual Budget	Amended Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Vai
			\$	\$	\$	\$	%	
Opening Funding Surplus (Deficit)	3	1,646,933	1,921,369	1,921,369	1,921,369	-	0.00%	
Revenue from operating activities								
Rates	2	13,173,005	12,832,304	12,813,554	12,839,193	25,639	0.20%	
Operating Grants, Subsidies and								
Contributions		2,776,326	2,784,115	2,317,984	2,465,591	147,607	6.37%	0
Fees and Charges		5,968,203	5,987,853	5,422,197	5,559,638	137,441	2.53%	
Interest Earnings		459,345	415,345	316,688	408,999	92,311	29.15%	0
Other Revenue		370,556	421,565	367,830	412,683	44,853	12.19%	0
Profit on Disposal of Assets	10	70,852	70,852	852	_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		22,818,287	22,512,033	21,239,104	21,686,103		2.10%	
Expenditure from operating activities		•						
Employee Costs		(11,882,476)	(12,279,704)	(10,263,944)	(10,397,302)	(133,358)	(1.30%)	
Materials and Contracts		(8,337,538)	(8,174,971)	(6,787,256)	(5,504,107)	1,283,149	18.91%	0
Utility Charges		(736,314)	(718,664)	(568,247)	(547,931)	20,316	3.58%	
Depreciation on Non-Current Assets		(3,316,368)	(3,321,152)	(2,768,274)	(2,919,374)	(151,100)		8
Interest Expenses		(49,688)	(49,688)	(40,873)	(36,081)	4,793	11.73%	
Insurance Expenses		(439,889)	(450,134)	(444,868)	(462,028)	(17,160)	(3.86%)	
Other Expenditure		(1,280,852)	(1,340,804)	(1,162,944)	(891,740)	271,204	23.32%	0
Loss on Disposal of Assets	10	(59,586)	(59,586)	(34,586)	(002), (0)	34,586	100.00%	
		(26,102,712)	(26,394,704)	(22,070,992)	(20,758,561)	34,300	5.95%	
Operating activities and oded from he								
Operating activities excluded from bu	iaget	2 246 260	2 224 452					0
Add back Depreciation		3,316,368	3,321,152	2,768,274	2,919,374	151,100	5.46%	8
Adjust (Profit)/Loss on Asset Disposal		(11,266)	(11,266)	33,734		(33,734)	(100.00%)	8
Movement in Leave Reserve		10,405	10,405	9,368	9,368	-	0.00%	
Amount attributable to operating act	ivities	31,082	(562,379)	1,979,488	3,856,284			
Investing activities								
Grants, Subsidies and Contributions		2,382,964	1,289,331	2,382,964	703,642	(1,679,322)	(70.47%)	8
Proceeds from Disposal of Assets	10	897,300	897,300		-	-		
Land and Buildings	8	(955,500)	(328,624)	(915,177)	(118,575)	(796,602)	(87.04%)	8
Infrastructure Assets - Roads	8	(1,878,165)	(902,934)	(1,752,934)	(381,679)	(1,371,255)	(78.23%)	8
Infrastructure Assets - Footpaths	8	(25,500)	(42,390)	(42,390)	(40,769)	(1,621)	(3.82%)	
Infrastructure Assets - Other	8	(635,600)	(621,741)	(567,285)	(383,684)	(183,601)	(32.36%)	8
Infrastructure Assets - Drainage	8	(547,750)	(389,700)	(389,700)	(26,923)	(362,777)	(93.09%)	8
Plant and Equipment	8	(147,700)	(16,111)	(16,111)	(16,110)	(1)	(0.01%)	
Furniture and Equipment	8	(801,000)	(81,322)	(781,322)	(27,561)	(753,761)	(96.47%)	8
Amount attributable to investing activ	vities	(1,710,951)	(196,191)	(2,081,955)	(291,659)	. (,,	(55, 1, 75)	
Financing Activities								
Self-Supporting Loan Principal		21,134	21,134	15,719	15,719		0.00%	
Fransfer from Reserves	7	1,414,500	1,288,191	13,/13	13,/19			
Repayment of Debentures	4	(132,881)		- (11E 10E)	- /11F 10F\	-	(100.00%)	
Fransfer to Reserves	7		(132,881)	(115,185)	(115,185)	-	0.00%	
Amount attributable to financing activ		(1,248,204) <b>54,549</b>	(2,317,630) (1,141,186)	(119,043) ( <b>218,509</b> )	(119,043) (218,509)	-	0.00%	
			9800000					
Closing Funding Surplus (Deficit)	3	21,614	21,614	1,600,393	5,267,486			

Indicates a variance between Year to Date (YTD) Budget and YTD Actual data as per data as per the adopted materiality threshold. Refer to Note 2 for an

© 8 More Revenue OR Less Expenditure Less Revenue OR More Expenditure

explanation of the variance. This statement is to be read in conjunction with the accompanying Financial Statements and notes.

#### Town of Bassendean STATEMENT OF FINANCIAL POSITION For the Period Ended 30 April 2019

	2018-19 \$	2017-18 \$
CURRENT ASSETS		
Cash and cash equivalents	14,069,417	11,344,227
Trade and other receivables	1,420,005	1,124,301
Inventories	15,227	15,018
TOTAL CURRENT ASSETS	15,504,649	12,483,546
NON-CURRENT ASSETS		
Financial Assets	108,268	108,268
Other receivables	546,612	562,330
Property, plant and equipment	55,849,259	56,195,749
Infrastructure	107,558,277	109,135,859
Interests in Joint Ventures	7,954,836	7,954,836
TOTAL NON-CURRENT ASSETS	172,017,251	173,957,042
TOTAL ASSETS	187,521,900	186,440,588
CURRENT LIABILITIES	0.400.007	
Trade and other payables	3,168,837	3,601,168
Current portion of long term borrowings	17,694	132,880
Provisions	2,247,519	2,249,870
TOTAL CURRENT LIABILITIES	5,434,050	5,983,918
NON-CURRENT LIABILITIES		
Long term borrowings	678,500	678,500
Provisions	233,509	233,509
TOTAL NON-CURRENT LIABILITIES	912,009	912,009
TOTAL LIABILITIES	6,346,059	6,895,927
NET ASSETS	181,175,842	179,544,661
EQUITY		
Retained surplus	32,464,782	30,952,646
Reserves - cash backed	5,829,301	5,710,258
Revaluation surplus	142,881,759	142,881,757
TOTAL EQUITY	181,175,842	179,544,661

This statement is to be read in conjunction with the accompanying notes.

#### NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

#### For the Period Ended 30 April 2019

Statement of Financial Position Detailed	2018/2019 \$	2017/2018 \$
CASH AND CASH EQUIVALENTS		
Unrestricted	5,829,841	3,412,701
Restricted	8,239,576	7,931,526
	14,069,417	11,344,227
The following restrictions have been imposed by regulations or other externally imposed requirements:		
Leave Reserve	1,029,621	1,020,253
Plant & Equipment Reserve	392,640	384,098
Community Facilities Reserve	53,121	51,965
Land & Building Infrastructure Reserve	1,870,522	1,829,829
Waste Management Reserve	754,867	738,910
Wind in the Willows Reserve	91,726	89,841
Aged Persons Reserve	511,210	484,371
Youth Development Reserve	28,957	28,327
Underground Power Reserve	83,575	81,757
Drainage Reserve	426,704	417,421
HACC Assets Replacement	131,985	129,113
Hyde Retirement Village Retention Bonds	295,348	259,648
Other Bonds & Deposits	2,114,929	1,961,621
TRADE AND OTHER RECEIVABLES	8,239,577	7,931,525
TRADE AND OTHER RECEIVABLES		
Current		
Rates Outstanding	1,211,753	782,386
Sundry Debtors - General	70,521	131,908
GST Receivable	50,653	122,316
Accrued Interest	-	613
Sundry Debtors - SSL	21,134	21,134
Long Service Leave Due from Other Councils	65,944	65,944
	1,420,005	1,124,301
Non-Current		
Rates Outstanding - Pensioners	334,587	334,587
Loans - Clubs/Institutions	212,025	227,743
	546,612	562,330
Investments - Government House	108,268	108,268
Investments- EMRC	7,954,836	7,954,836
INVENTORIES		
Current		
Fuel and Materials	15,227	15,018
	15,227	15,018
	15,227	15,010

#### NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

#### For the Period Ended 30 April 2019

	2018/2019	2017/2018
Statement of Financial Position Detailed	\$	\$
PROPERTY, PLANT AND EQUIPMENT		
Land and Buildings	26.224.646	
- Independent Valuation 2017 - Level 2	36,381,646	36,357,000
Buildings at:		
- Independent Valuation 2017 - Level 3	26 145 224	26 145 224
- Additions after valuation - cost	26,145,224 93,929	26,145,224
Less: accumulated depreciation	(8,194,133)	(7,784,939)
Less. decamated depreciation	18,045,020	18,360,285
	10,043,020	18,300,283
Total Land and Buildings	54,426,666	54,717,285
	31,120,000	34,717,203
Furniture and Equipment - Management Valuation 2016	165,239	165,239
- Additions after valuation - cost	284,159	256,598
Less Accumulated Depreciation	(155,268)	(121,964)
Less Accumulated Depreciation	294,130	299,873
·		200,070
Plant and Equipment - Independent Valuation 2016		
- Independent Valuation 2016 - Level 2	1,898,330	1,898,330
- Independent Valuation 2016 - Level 3	714,601	714,601
- Additions after valuation - cost	247,543	231,433
Less Accumulated Depreciation	(1,594,485)	(1,528,248)
-Less Disposals after Valuation	(200,146)	(200,146)
Less Disposals after Valuation	1,065,843	1,115,970
	1,003,043	1,113,370
Art Works		
- Management Valuation 2018 - Level 2	62,620	62,620
-	62,620	62,620
	gladica • • • • • • • • • • • • • • • • • • •	Chance ( )
	55,849,259	56,195,748
INFRASTRUCTURE		
Roads - Independent Valauation 2017	84,214,462	84,214,462
- Additions after valuation - cost	381,679	0 1/22 1/102
Less Accumulated Depreciation	(17,871,003)	(16,643,548)
A CONTRACTOR OF THE STATE OF TH	66,725,138	67,570,914
Footpaths - Independent Valuation 2017	10,291,342	10,291,342
- Additions after valuation - cost	40,769	**************************************
Less Accumulated Depreciation	(3,444,364)	(3,242,936)
included a property of the control o	6,887,747	7,048,406
INFRACTRUCTURE		, ,
INFRASTRUCTURE		
Drainage - Independent Valuation 2017	40,195,156	40,195,156
- Additions after valuation - cost	26,923	-
Less Accumulated Depreciation	(17,966,672)	(17,474,552)
•	22,255,407	22,720,604
	,,	,, _0,00 ;

#### NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

#### For the Period Ended 30 April 2019

Statement of Financial Position Detailed	2018/2019 \$	2017/2018 \$
	<b>Y</b>	Ÿ
Parks & Ovals - Independent Valuation 2018	17,940,621	17,940,621
	383,684	S.T.
Less Accumulated Depreciation	(6,634,320)	(6,144,686)
	11,689,985	11,795,935
	107,558,276	109,135,858
TRADE AND OTHER PAYABLES		
Current		
	555,750	1,244,202
	555,750	4,793
	-	130,907
Rates in Advance	202,809	-
Bonds & Other Deposits	2,114,929	1,961,621
Hyde Retirement Village Bonds	295,348	259,648
5 20€0 × 500000	3,168,836	3,601,171
LONG-TERM ROPPOWINGS		
- Additions after valuation - cost Less Accumulated Depreciation  TRADE AND OTHER PAYABLES  Current Sundry Creditors Accrued Interest on Debentures Accrued Salaries and Wages Rates in Advance Bonds & Other Deposits	17,694	132,880
Loan Liability Carrette	17,694	132,880
Secured by Floating Charge	678,500	678,500
	678,500	678,500
PROVISIONS		
after the part of		
	1,001,050	1,003,402
Provision for Long Service Leave	1,246,468	1,246,468
	2,247,518	2,249,870
	222.722	
Provision for Long Service Leave	233,509	233,509
DECONCULATION	233,509	233,509
	15 504 640	12 402 546
	15,504,649 172,017,251	12,483,546 173,957,042
TOTAL NON CONNENT ASSLITS	1/2,017,231	173,937,042
TOTAL ASSETS	187,521,902	186,440,588
TOTAL CURRENT HABILITIES	5,434,048	5 092 019
	912,009	5,983,918 912,009
	912,009	912,009
TOTAL LIABILITIES	6,346,057	6,895,927
NET ASSETS	181,175,842	179,544,661
	101,173,042	179,344,001

## TOWN OF BASSENDEAN STATEMENT OF CASH FLOWS

As FLOWS FROM OPERATING ACTIVITIES         \$         \$           Receipts:         Rates         13,139,663         13,011,456         13,367,223           Operating grants, subsidies and contributions         2,465,591         2,801,460         3,063,580           Fees and charges         4,405,337         5,968,203         5,551,226           Interest         409,612         459,345         511,003           Goods and services tax         927,688         40,556         766,032           Control of the revenue         412,683         440,556         766,032           Payments:         21,760,74         22,681,020         24,294,038           Payments:         Employee costs         (10,530,561)         (11,706,476)         (11,686,212)           Materials and contracts         (5,504,107)         (8,247,533)         (7,089,841)           Utility charges         (447,931)         (736,314)         (655,370)           Interest expenses         (462,028)         (439,889)         (435,433)           Insurance expenses         (462,028)         (439,889)         (435,433)           Goods and services tax         (856,025)         -         (1,044,531)           Other expenditure         (83,891)         (43,93,899)         (435,		2018/19 Actual	2018/19 Budget	2017/18 Actual
Rates   13,139,663   13,011,456   13,367,223     Operating grants, subsidies and contributions   2,465,591   2,801,460   3,063,580     Fees and charges   4,405,337   5,968,203   5,551,226     Interest   409,612   459,345   511,003     Goods and services tax   927,688   - 1,034,974     Other revenue   412,683   440,556   766,032     Payments:   Employee costs   (10,530,561   (11,706,476)   (11,686,212)     Materials and contracts   (5,504,107)   (8,247,5818   (7,898,841)     Utility charges   (547,931)   (736,314)   (655,370)     Interest expenses   (40,874   (43,985)   (58,333)     Interest expenses   (40,874   (43,985)   (43,948)     Codds and services tax   (856,025   - (1,044,531)     Other expenditure   (818,833,266   (22,445,054)   (21,991,149)     Net cash provided by (used in) operating activities   (2,927,308   235,966   2,302,889    Non-operating grants, subsidies and contributions   703,642   2,382,964   661,225     Payments:   (833,054   (30,87,015   (1,614,522)     Net cash provided by (used in) operating activities   (291,559   (1,710,951)   (1,576,857)      CASH FLOWS FROM FINANCING ACTIVITIES   (291,559   (1,710,951)   (1,576,857)      Payments:   Repayment of debentures   (15,186   (132,881)   (124,165)     Payments:   (291,559   (1,710,511)   (1,576,857)      Payments:   (291,559   (1,710,511)   (1,576,857)      Payments:   (291,559   (1,710,551)   (1,514,522)      Payments:   (291,559   (1,710,551)   (1,514,5			•	
Operating grants, subsidies and contributions         2,465,591         2,801,460         3,063,880 contributions           Fees and charges         4,405,337         5,968,203         5,551,226 interest         409,612         459,345         511,003 contributions         511,003 contributions         1,034,974 contributions         1,044,974 contributions	The state of the s	12 120 662	12 011 456	12 267 222
Contributions				3
Fees and charges		2,403,331	2,801,400	3,063,360
Interest		4.405.337	5.968.203	5 551 226
Goods and services tax Other revenue         927,688 412,683 440,556 766,032         1,034,974 766,032           Cher revenue         412,683 412,683 440,556 766,032         766,032 76,033           Payments:         21,760,574 22,681,020 224,294,038           Employee costs         (10,530,561) (11,706,476) (11,686,212) (17,683,141) (555,370)         (11,706,476) (8,247,538) (7,083,841) (11,706,476) (11,708,311) (555,370)           Utility charges         (547,931) (736,314) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (17,83,141) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370) (355,370)	and the state of t			
Other revenue         412,683         440,556         766,032           Payments:         21,760,574         22,681,020         24,294,038           Employee costs         (10,530,561)         (11,706,476)         (11,686,212)           Materials and contracts         (5,504,107)         (8,247,538)         (7,089,841)           Utility charges         (547,931)         (736,314)         (655,370)           Interest expenses         (40,874)         (43,985)         (53,333)           Insurance expenses         (462,028)         (439,889)         (435,443)           Cods and services tax         (856,025)         -         (1,044,531)           Other expenditure         (891,740)         (1,270,852)         (1,021,419)           Net cash provided by (used in)         (18,833,266)         (22,445,054)         (21,991,149)           Net cash provided by (used in)         2,927,308         235,966         2,302,889           Non-operating grants, subsidies and contributions         703,642         2,382,964         661,225           Proceeds from sale of assets         897,300         35,036         2,302,889           Payments         (291,659)         (1,710,951)         (1,516,14,522)           Net cash provided by (used in)         (291,659)	Goods and services tax	*20/2004/*******************************	-	
Payments:	Other revenue	412,683	440,556	
Employee costs   (10,530,561)   (11,706,476)   (11,686,212)   Materials and contracts   (5,504,107)   (8,247,538)   (7,089,841)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,655,370)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,331)   (10,645,3		21,760,574	22,681,020	24,294,038
Materials and contracts         (5,504,107)         (8,247,538)         (7,099,841)           Utility charges         (547,931)         (736,314)         (655,370)           Interest expenses         (40,874)         (43,985)         (58,333)           Insurance expenses         (462,028)         (439,889)         (435,443)           Goods and services tax         (856,025)         - (1,044,531)           Other expenditure         (891,740)         (1,270,852)         (1,021,419)           Net cash provided by (used in) operating activities         2,927,308         235,966         2,302,889           Non-operating grants, subsidies and contributions Proceeds from sale of assets         - 897,300         35,036           Payments:         - 897,300         35,036           Payments for purchase of property, plant & equipme (162,246)         (1,904,200)         (658,596)           Payments for construction of infrastructure         (833,054)         (3,087,015)         (1,614,522)           Net cash provided by (used in) investment activities         (291,659)         (1,710,951)         (1,576,857)           CASH FLOWS FROM FINANCING ACTIVITIES Receipts:         Proceeds from self supporting loans         15,718         21,134         19,951           Transfer from Trust         189,010         70,000         308	Payments:			
Utility charges		(10,530,561)	(11,706,476)	(11,686,212)
Interest expenses (40,874) (43,985) (58,333) Insurance expenses (462,028) (439,889) (435,443) Goods and services tax (856,025) - (1,044,531) Other expenditure (891,740) (1,270,852) (1,021,419) Other expenditure (18,833,266) (22,445,054) (21,991,149)  Net cash provided by (used in) operating activities 2,927,308 235,966 2,302,889  Non-operating grants, subsidies and contributions 703,642 2,382,964 661,225 Proceeds from sale of assets - 897,300 35,036  Payments: Payments for purchase of property, plant & equipme (162,246) (1,904,200) (658,596) Payments for construction of infrastructure (833,054) (3,087,015) (1,614,522) Net cash provided by (used in) investment activities (291,659) (1,710,951) (1,576,857)  CASH FLOWS FROM FINANCING ACTIVITIES Receipts: Proceeds from self supporting loans 15,718 21,134 19,951 Transfer from Trust 189,010 70,000 308,288  Payments: Repayments of debentures (115,186) (132,881) (124,165) Net cash provided by (used In) financing activities 89,542 (41,747) 204,074  Net increase (decrease) in cash held 2,725,191 (1,516,731) 930,106 Cash and cash equivalents at beginning of year 11,344,227 11,428,316 10,475,121		(5,504,107)	(8,247,538)	(7,089,841)
Insurance expenses		**************************************	(736,314)	(655,370)
Coods and services tax			The contract of the contract of	The state of the s
Other expenditure         (891,740)         (1,270,852)         (1,021,419)           Net cash provided by (used in) operating activities         (18,833,266)         (22,445,054)         (21,991,149)           Non-operating grants, subsidies and contributions proceeds from sale of assets         703,642         2,382,964         661,225           Proceeds from sale of assets         897,300         35,036           Payments:         897,300         35,036           Payments for purchase of property, plant & equipme payments for construction of infrastructure (833,054)         (3,087,015)         (1,614,522)           Net cash provided by (used in) investment activities         (291,659)         (1,710,951)         (1,576,857)           CASH FLOWS FROM FINANCING ACTIVITIES Receipts:         15,718         21,134         19,951           Transfer from Trust         189,010         70,000         308,288           Payments:         (115,186)         (132,881)         (124,165)           Net cash provided by (used In) financing activities         89,542         (41,747)         204,074           Net increase (decrease) in cash held Cash and cash equivalents at beginning of year         11,344,227         11,428,316         10,475,121           Cash and cash equivalents         10,475,121         10,475,121         10,475,121	The state of the s	Summer American	(439,889)	
Net cash provided by (used in) operating activities   2,927,308   235,966   2,302,889				
Net cash provided by (used in) operating activities   2,927,308   235,966   2,302,889	Other expenditure			
Non-operating grants, subsidies and contributions         703,642         2,382,964         661,225           Proceeds from sale of assets         -         897,300         35,036           Payments:         -         897,300         35,036           Payments for purchase of property, plant & equipme Payments for construction of infrastructure (833,054)         (1,904,200)         (658,596)           Net cash provided by (used in) investment activities         (291,659)         (1,710,951)         (1,576,857)           CASH FLOWS FROM FINANCING ACTIVITIES Receipts:         Transfer from self supporting loans         15,718         21,134         19,951           Transfer from Trust         189,010         70,000         308,288           Payments:         Repayment of debentures         (115,186)         (132,881)         (124,165)           Net cash provided by (used In) financing activities         89,542         (41,747)         204,074           Net increase (decrease) in cash held Cash and cash equivalents at beginning of year         2,725,191         - (1,516,731)         930,106           Cash and cash equivalents         11,344,227         11,428,316         10,475,121	Not each provided by (yeard in)	(18,833,266)	(22,445,054)	(21,991,149)
Non-operating grants, subsidies and contributions   703,642   2,382,964   661,225   Proceeds from sale of assets   - 897,300   35,036   Payments:   Payments for purchase of property, plant & equipme   (162,246)   (1,904,200)   (658,596)   Payments for construction of infrastructure   (833,054)   (3,087,015)   (1,614,522)   Net cash provided by (used in)   (investment activities   (291,659)   (1,710,951)   (1,576,857)		2.027.208	225.066	2 202 000
Proceeds from sale of assets  Payments:  Payments for purchase of property, plant & equipme Payments for construction of infrastructure (833,054) (3,087,015) (1,614,522)  Net cash provided by (used in) (1,576,857)  CASH FLOWS FROM FINANCING ACTIVITIES Receipts:  Proceeds from self supporting loans 15,718 21,134 19,951 Transfer from Trust 189,010 70,000 308,288  Payments:  Repayment of debentures (115,186) (132,881) (124,165)  Net cash provided by (used In) (115,186) (132,881) (124,165)  Net cash provided by (used In) (115,186) (132,881) (124,165)  Net increase (decrease) in cash held (2,725,191 - (1,516,731) 930,106 Cash and cash equivalents at beginning of year (11,344,227 11,428,316 10,475,121)  Cash and cash equivalents	operating activities	2,327,308	255,966	2,302,889
Proceeds from sale of assets  Payments:  Payments for purchase of property, plant & equipme Payments for construction of infrastructure (833,054) (3,087,015) (1,614,522)  Net cash provided by (used in) (1,576,857)  CASH FLOWS FROM FINANCING ACTIVITIES Receipts:  Proceeds from self supporting loans 15,718 21,134 19,951 Transfer from Trust 189,010 70,000 308,288  Payments:  Repayment of debentures (115,186) (132,881) (124,165)  Net cash provided by (used In) (115,186) (132,881) (124,165)  Net cash provided by (used In) (115,186) (132,881) (124,165)  Net increase (decrease) in cash held (2,725,191 - (1,516,731) 930,106 Cash and cash equivalents at beginning of year (11,344,227 11,428,316 10,475,121)  Cash and cash equivalents	Non-operating grants, subsidies and contributions	703.642	2.382.964	661.225
Payments for construction of infrastructure       (833,054)       (3,087,015)       (1,614,522)         Net cash provided by (used in) investment activities       (291,659)       (1,710,951)       (1,576,857)         CASH FLOWS FROM FINANCING ACTIVITIES         Receipts:       Proceeds from self supporting loans       15,718       21,134       19,951         Transfer from Trust       189,010       70,000       308,288         Payments:         Repayment of debentures       (115,186)       (132,881)       (124,165)         Net cash provided by (used In) financing activities       89,542       (41,747)       204,074         Net increase (decrease) in cash held       2,725,191       (1,516,731)       930,106         Cash and cash equivalents at beginning of year       11,344,227       11,428,316       10,475,121         Cash and cash equivalents		-		
Payments for construction of infrastructure       (833,054)       (3,087,015)       (1,614,522)         Net cash provided by (used in) investment activities       (291,659)       (1,710,951)       (1,576,857)         CASH FLOWS FROM FINANCING ACTIVITIES         Receipts:       Proceeds from self supporting loans       15,718       21,134       19,951         Transfer from Trust       189,010       70,000       308,288         Payments:         Repayment of debentures       (115,186)       (132,881)       (124,165)         Net cash provided by (used In) financing activities       89,542       (41,747)       204,074         Net increase (decrease) in cash held       2,725,191       (1,516,731)       930,106         Cash and cash equivalents at beginning of year       11,344,227       11,428,316       10,475,121         Cash and cash equivalents	Payments for purchase of property, plant & equipme	(162,246)	(1,904,200)	(658,596)
Net cash provided by (used in) investment activities         (291,659)         (1,710,951)         (1,576,857)           CASH FLOWS FROM FINANCING ACTIVITIES Receipts:         8         21,134         19,951           Proceeds from self supporting loans         15,718         21,134         19,951           Transfer from Trust         189,010         70,000         308,288           Payments:         Repayment of debentures         (115,186)         (132,881)         (124,165)           Net cash provided by (used In) financing activities         89,542         (41,747)         204,074           Net increase (decrease) in cash held         2,725,191         - (1,516,731)         930,106           Cash and cash equivalents at beginning of year         11,344,227         11,428,316         10,475,121           Cash and cash equivalents         10,475,121         10,475,121         10,475,121			The second secon	C. Carlotte Control Control Control
CASH FLOWS FROM FINANCING ACTIVITIES  Receipts:  Proceeds from self supporting loans  Transfer from Trust  189,010  70,000  308,288  Payments:  Repayment of debentures  Net cash provided by (used In)  financing activities  89,542  (41,747)  204,074  Net increase (decrease) in cash held  Cash and cash equivalents at beginning of year  Cash and cash equivalents	Net cash provided by (used in)			
Receipts:         Proceeds from self supporting loans       15,718       21,134       19,951         Transfer from Trust       189,010       70,000       308,288         Payments:         Repayment of debentures       (115,186)       (132,881)       (124,165)         Net cash provided by (used In)       89,542       (41,747)       204,074         Net increase (decrease) in cash held       2,725,191       -       (1,516,731)       930,106         Cash and cash equivalents at beginning of year       11,344,227       11,428,316       10,475,121         Cash and cash equivalents	investment activities	(291,659)	(1,710,951)	(1,576,857)
Payments:         Repayment of debentures         (115,186)         (132,881)         (124,165)           Net cash provided by (used In) financing activities         89,542         (41,747)         204,074           Net increase (decrease) in cash held Cash and cash equivalents at beginning of year         2,725,191 - (1,516,731)         930,106           Cash and cash equivalents         11,344,227         11,428,316         10,475,121				
Payments:           Repayment of debentures         (115,186)         (132,881)         (124,165)           Net cash provided by (used In) financing activities         89,542         (41,747)         204,074           Net increase (decrease) in cash held Cash and cash equivalents at beginning of year         2,725,191 - (1,516,731)         930,106           Cash and cash equivalents         11,344,227         11,428,316         10,475,121	Proceeds from self supporting loans	15,718	21,134	19,951
Repayment of debentures       (115,186)       (132,881)       (124,165)         Net cash provided by (used In) financing activities       89,542       (41,747)       204,074         Net increase (decrease) in cash held       2,725,191       (1,516,731)       930,106         Cash and cash equivalents at beginning of year       11,344,227       11,428,316       10,475,121         Cash and cash equivalents	Transfer from Trust	189,010	70,000	308,288
Net cash provided by (used In) financing activities         89,542         (41,747)         204,074           Net increase (decrease) in cash held         2,725,191         (1,516,731)         930,106           Cash and cash equivalents at beginning of year         11,344,227         11,428,316         10,475,121           Cash and cash equivalents	Payments:			
financing activities         89,542         (41,747)         204,074           Net increase (decrease) in cash held         2,725,191         (1,516,731)         930,106           Cash and cash equivalents at beginning of year         11,344,227         11,428,316         10,475,121           Cash and cash equivalents		(115,186)	(132,881)	(124,165)
Net increase (decrease) in cash held       2,725,191 - (1,516,731)       930,106         Cash and cash equivalents at beginning of year       11,344,227       11,428,316       10,475,121         Cash and cash equivalents       11,344,227       11,428,316       10,475,121	Net cash provided by (used In)			
Cash and cash equivalents at beginning of year 11,344,227 11,428,316 10,475,121 Cash and cash equivalents	financing activities	89,542	(41,747)	204,074
Cash and cash equivalents		2,725,191 -	(1,516,731)	
		11,344,227	11,428,316	10,475,121
		14,069,416	9,911,585	11,405,227

This statement is to be read in conjunction with the accompanying notes.

## TOWN OF BASSENDEAN NOTES TO AND FORMING PART OF THE CASHFLOW

#### NOTES TO THE CASH FLOW STATEMENT

#### (a) Reconciliation of Cash

For the purposes of the cash flow statement, cash includes cash on hand and cash equivalents, net of outstanding bank overdrafts. Cash at the end of the reporting period is reconciled to the related items in the balance sheet as follows:

	2018/19 Actual \$	2018/19 Budget \$	2017/18 Actual \$
Cash and Cash Equivalents	14,069,417	9,911,585	11,405,227
(b) Reconciliation of Net Cash Provided By Operating Activities to Net Result			
Net Result	1,631,183	(901,461)	(227,209)
Depreciation (Profit)/Loss on Sale of Asset	2,919,374 -	3,316,368 (11,266)	3,284,278 55,817
(Increase)/Decrease in Receivables	(853,009)	(29,866)	112,403
(Increase)/Decrease in Inventories	(209)	-	(1,685)
Increase in Investment in Joint Venture	₩ <u>*</u> =	5 5 2	(428,338)
Increase/(Decrease) in Payables & Accruals	(64,037)	224,749	(2,228)
Increase/(Decrease) in Employee Provisions Grants/Contributions for	(2,352)	20,405	171,076
the Development of Assets	(703,642)	(2,382,964)	(661,225)
Net Cash from Operating Activities	2,927,308	235,966	2,302,889

#### Note 1: Explanation of Material Variances

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date budget or

#### More Revenue OR Less Expenditure Less Revenue OR More Expenditure

⊗ Less Revenue OR More Expenditure										
Reporting Program	Var. \$	Var. %	Var.	Timing/ Permanent	Explanation of Variance					
Operating Income	\$	%	<del>                                     </del>		Explanation of variance					
Governance	(7,325)	(48%)	8	Permanent	Other Minor Income lower than anticipated.					
General Purpose Funding - Rates	25,639	0%			Within Variance Threshold					
General Purpose Funding - Other	147,502	23%	9	Permanent/	Additional Insurance Rebate received - will amend at Budget Review, Also Late					
Law, Order and Public Safety	2,423	2%	<del>                                     </del>	Timing Timing	Payment Interest and Instalment Fees higher than anticipated YTD. Timing of Fines issued					
Health	6,892	0%	┪	tatuatg	Within Variance Threshold					
Education and Welfare	280,658	7%	0	Timing	Within Variance Threshold					
Community Amenities	4,972	4%	<del>                                     </del>	Timing	Within Variance Threshold					
Recreation and Culture	72,777	35%	8	Permanent/ Timing	Naming rights for the SDFC were not invoiced in FY18 and have subsequently been invoiced in FY19. The additional revenue in FY19 will be recognised at the Budget review. Hall Hire and Reserve Hire income higher than anticipated at YTD.					
Transport	(100,853)	(63%)	8	Timing	RTR and DOT grants not yet received					
Economic Services	(10,323)	(12%)	8	Timing	Building Licence Fees lower than anticipated					
Other Property and Services	24,637	28%	9	Permanent	Additional Private works income received - will amended at Budget Review					
Operating Expense	\$	%								
Governance	526,896	40%	9	Timing	Employee costs are lower than budget, and Admin recoveries are lower than budget.					
				_	This may even out over the year.					
General Purpose Funding	(44,201)	(7%)	8	Timing	Timing of ABC Allocations					
Law, Order and Public Safety	(4,624)	(1%)		Timing	Within Variance Threshold					
Health	103,346	4%			Rubbish Collection Invoices less than anticipated					
Education and Welfare	(113,750)	(2%)	0	Timing	Within Variance Threshold					
Community Amenities Recreation and Culture	60,856 216,754	6% 4%	W	Timing	Within Variance Threshold					
Transport	443,493	9%	0	Timing	Within Variance Threshold					
Economic Services	60,266	12%	Ö	Timing Timing	Timing of Street Tree Planting and Bike Boulevard Design					
Economic Services	00,200	12/0	-	THITING	Timing of OPR Initiatives, Publicity and Promotion and EMRC Events  Public Works Overheads are recovering higher than YTD budget. This may even out					
Other Property and Services	63,395	30%	9	Timing	over the year. Staff will monitor the recoveries and correct if required at the budget review.					
	L									
Operating activities excluded fr	om budget									
Depreciation	(151,100)	5%	8	Permanent	Reserves, Parks , Plant & Equipment depreciation higher than budgeted for due to revaluation at 30 June 2018. Will be reviewed at Budget Review.					
Adjust (Profit)/Loss on Asset Disposal	(33,734)	0%			Within Variance Threshold					
Movement in Leave Reserve	0	0%			Within Variance Threshold					
Capital Revenues		0%			Within Variance Threshold					
Grants, Subsidies and Contributions	(1,679,322)	(70%)	8	Timing	Dependent on Timing of Projects. Dept of Transport funding for bike boulevard, Cash In Lieu Funds, Lotterywest Mens Shed Funds - not yet received					
Capital Expenses					Befor to Alote O for Control synonditure date:					
Land and Buildings	(796,602)	(87%)	8		Refer to Note 8 far Capital expenditure detail Capital works not yet completed					
Infrastructure - Roads	(1,371,255)	(78%)	8		Capital works not yet completed					
Infrastructure - Footpaths	(1,621)	(4%)	- <u>-</u> -		Within Variance Threshold					
Infrastructure Assets - Other	(567,285)	(32%)	8		Capital works not yet completed					
Plant and Equipment	(1)	(0%)			Within Variance Threshold					
Furniture and Equipment	(753,761)	(96%)	8		Capital works not yet completed					
Financing										
Proceeds from New Debentures	0				Makin Vania - Maria -					
Proceeds from Advances	0				Within Variance Threshold Within Variance Threshold					
Self-Supporting Loan Principal	0				Within Variance Threshold					
Transfer from Reserves	0				Within Variance Threshold					
Advances to Community Groups	0				Within Variance Threshold					
Opening Funding Surplus(Deficit)	0	0%		Timing						
		-/-			Timing - Capital Works Projects not Completed.					

Note 2: Rating Information		Number		-	YTD A	ctual			Amended	Budget	
	Rate in	of Properties	Rateable Value	Rate Revenue	Interim Rates	Back Rates	Total Revenue	Rate Revenue	Interim Rate	Back Rate	Total Revenue
RATE TYPE	\$		\$	\$	\$	\$	\$	\$	\$	\$	\$
GRV - Residential	7.2300	4,581	161,158,994	11,381,095	11,490	3,398	11,395,983	11,651,795	5,000	3,000	11,659,795
Sub-Totals		4,581	161,158,994	11,381,095	11,490	3,398	11,395,983	11,651,795	5,000	3,000	11,659,795
	Minimum							•	M. <b>★</b> .199439-038	********	
Minimum Payment											
Minimum Rate	1,095	1,318	18,297,341	1,443,210	-	-	1,443,210	1,443,210	-	-	1,443,210
Sub-Totals		1,318	18,297,341	1,443,210		-	1,443,210	1,443,210	-		1,443,210
Amount from General Rate	es	5,899	179,456,335	12,824,305	11,490	3,398	12,839,193	13,095,005	5,000	3,000	13,103,005
						_				_	
Totals							12,839,193	13,095,005			13,103,005

#### **Comments - Rating Information**

to meet the deficiency between the total estimated expenditure proposed in the budget and the estimated revenue to be received from all sources other than rates and also considering the extent of any increase in rating over the level adopted in the previous year.

The minimum rates have been determined by Council on the basis that all ratepayers must make a reasonable contribution to the cost of the Local Government services/facilities.

The Rates for 2018/19 were issued on the 10th August 2018. The due date for the payment of rates is September 14th 2018, unless the option to pay by instalments is taken. Rates instalments are subject to an instalment fee of \$36 and 5.5% interest. Instalment dates for 2018/19 are:

1st: 14 September 2018 2nd: 16 November 2018 3rd: 18 January 2019 4th: 22 March 2019

Note 3: Net Current Funding Position

Positive=Surplus (Negative=Deficit)

	Last Years Actual	
	Closing	Current
	30 June 2018	30 Apr 2019
	\$	\$
Current Assets		
Cash Unrestricted	3,412,701	5,829,841
Cash Restricted - Conditions over Grants		
Cash Restricted	5,710,257	5,829,299
Restricted Cash - Trust	2,221,269	2,411,108
Rates Outstanding	782,386	1,211,753
Sundry Debtors	198,465	136,469
GST Receivable	122,315	50,653
Accrued Interest	613	_
Inventories	15,018	15,227
	12,463,025	15,484,350
Less: Current Liabilities		
Sundry Creditors	(1,244,201)	(555,750)
Accrued Interest on Debentures	(4,793)	-
Accrued Salaries and Wages	(130,907)	
Rates in Advance		(202,809)
Hyde Retirement Village Bonds	(259,648)	(295,348)
Bonds and Other Deposits	(1,961,619)	(2,115,760)
Current Employee Provisions	(2,249,870)	(2,247,519)
	(5,851,038)	(5,417,186)
Less: Cash Reserves	(5,710,259)	(5,829,300)
Less: Accrued Interest	(613)	-
Plus : Liabilities funded by Cash Backed Reserves	1,020,253	1,029,621
Net Current Funding Position	1,921,369	5,267,486

#### Note 4: Information on Borrowings

#### (a) Debenture Repayments

		Princ Repayı	E	Princ Outsta		Interest Repayments	
Particulars	01 Jul 2018	Actual	Budget	Actual	Budget	Actual	Budget
		\$	\$	\$	\$	\$	\$
Recreation and Culture							
Loan 156 - Civic Centre Redevelopment	85,549	47,416	47,416	38,133	38,133	4,276	5,425
Loan 160A - Civic Centre Redevelopment	339,375	35,686	47,965	303,689	291,410	15,329	20,475
Loan 160B- Civic Centre Redevelopment	137,579	16,364	16,364	121,215	121,215	6,309	7,786
Self Supporting Loans							
Loan 157 - Ashfield Soccer Club	14,842	3,434	4,617	11,408	10,225	684	845
Loan 162 - TADWA	234,035	12,285	16,517	221,750	217,518	9,483	15,158
	811,380	115,185	132,881	696,194	678,501	36,081	49,688

#### (b) New Debentures

The Town does not propose to raise any debt through the issue of debenture this financial year

#### (c) Unspent Debentures

The Town has no unspent debentures.

#### (d) Overdraft

It is anticipated that this facility will not be required in the 2018/19 Financial Period.

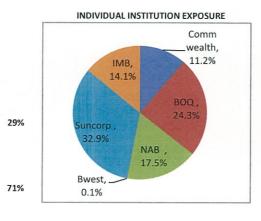
#### Town of Bassendean Monthly Investment Report For the Period Ended 30 April 2019

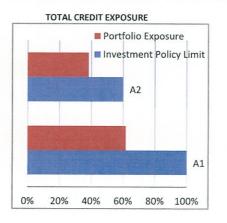
#### Note 5 : CASH INVESTMENTS

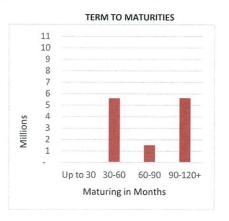
Deposit  Ref  Deposit Date Maturity Date Rating Institution					Amount Inve	sted (Days)		Total				
	Term (Days)	Rate of Interest	Up to 30	30-60	60-90	90-120+		Expected Interest				
Municipal												
164992	3/04/2019	29/05/2019	A2	Bank of Queensland	56	2.30%	-	2,000,000	-	-	2,000,000	7,058
50126	17/04/2019	28/05/2019	A2	IMB	41	2.00%	-	2,000,000	-	-	2,000,000	4,493
10611390	17/04/2019	15/05/2019	A1+	NAB	28	1.79%	1,500,000	-	-	-	1,500,000	2,060
Reserve							-	4,000,000	- 1	-	5,500,000	13,610
161303	31/01/2019	24/06/2019	A2	Bank of Queensland	144	2.70%			- 1	1,049,332	1,049,332	11,178
4195820	25/02/2019	27/05/2019	A1	Suncorp	91	2.55%				3,185,752	3,185,752	20,254
164115	30/04/2019	28/06/2019	A1+	Commonwealth Bank	59	1.98%	-	1,594,215			1,594,215	
164115	28/08/2013	27/09/2013	A1	Commonwealth Bank	30	3.30%					0	-
Trust							-	1,594,215	-	4,235,084	5,829,299	36,533
089-062126-4	27/12/2018	27/06/2019	A1+	Bankwest	182	2.50%				10,007	10,007	125
10584638	25/02/2019	24/06/2019	A1+	NAB	119	2.68%				970,249	970,249	8,478
161304	31/01/2019	31/05/2019	A2	Bank of Queensland	120	2.65%	-			400,000	400,000	3,485
4194550	29/03/2019	28/05/2019	A1	Suncorp	60	2.35%			1,500,000 -		1,500,000	5,795
								-	1,500,000	1,380,256	2,880,256	17,882
						Tota	al -	5,594,215	1,500,000	5,615,340	14,209,554	68,026

#### **ENVIRONMENTAL COMMITMENT**

Depositing	
Institiution	Value Invested
Fossil Fuel Lending	ADI
Commonwealth	\$1,594,215
NAB	\$2,470,249
Bankwest	\$10,007
	\$4,074,470
Non Fossil Fuel Len	ding ADI
B of Queensland	\$3,449,332
IMB	\$2,000,000
Suncorp	\$4,685,752
	\$10,135,084
Total Funds	\$14,209,554

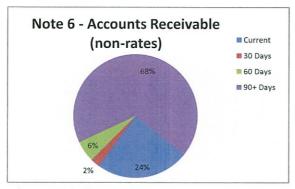


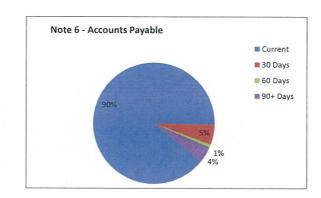




#### Note 6: Receivables and Payables

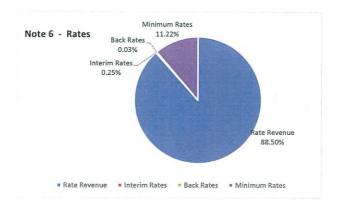
Receivables - General	Current	30 Days	60 Days	90+ Days	Total	Payables - General	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$		\$	\$	\$	\$	\$
Receivables - General	13,775	1,375	3,138	38,626	56,914	Payables - General	272,593	16,203	2,645	13,097	304,538
Balance per Trial Balance						Balance per Trial Bala	nce				
Sundry Debtors					56,914	Sundry Creditors					555,750
Total Receivables Genera	I Outstanding				56,914	Total Receivables Gen	eral Outstan	ding			555,750
TOTAL MODELLA DIES GOMENA	. o atotamanie	,			30,314	Total Necelvables dell	iciai Outstaii	ung			333,730





#### Comments/Notes - Receivables General

The above amounts included GST where applicable.



Note 7: Cash Backed Reserves

Name	Revised Opening Balance	Amended Annual Budget Interest Earned	Amended Annual Budget Transfers In (+)	Amended Annual Budget Transfers Out (-)	Amended Annual Budget Closing Balance	Actual Transfers Including Interest (+)	Actual Transfers Out (-)	Actual YTD Closing Balance
						\$	\$	\$
Plant And Equipment Reserve	384,099	6,035	-	-	390,134	8,542	(-)	392,641
Community Facilties Reserve	51,965	816	=	(51,516)	1,266	1,156	-	53,121
Land And Buildings Infrastructure Reserve	1,829,829	28,749	850,000	(150,000)	2,558,577	40,693	170	1,870,522
Waste Management Reserve	738,910	10,953	347,450	2	1,097,313	15,957	-	754,867
Wind In The Willows Child Care Reserve	89,841	1,256	40,000	(44,381)	86,715	1,885	-	91,726
Aged Persons Reserve	484,371	7,610		(8,550)	483,431	26,839	ú	511,210
Youth Development Reserve	28,327	445	-	-	28,772	630	-	28,957
Cultural Events Reserve			12				20	9
Self Insurance Reserve	-		Let		Se.		-	160
Underground Power Reserve	81,757	1,284	2		83,042	1,818	-	83,575
Employee Entitlements Reserve	1,020,253	16,029	(-)	(286,089)	750,193	9,368	-	1,029,621
Drainage Infrastructure Reserve	417,421	6,558	-	(389,700)	34,279	9,283	-	426,704
Hacc Asset Replacement Reserve	129,113	-	5,265	(10,000)	124,378	2,871	2	131,985
Unspent Grants Reserve	454,371	-	971,181	(347,955)	1,077,597	-	-	454,371
Street Tree Reserve	2	-	12	-	-	-	-	-
Bus Shelter Reserve	-		24,000	:=	24,000	4	-	-
	5,710,257	79,734	2,237,896	(1,288,191)	6,739,696	119,043	-	5,829,300

## Town of Bassendean NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 30 April 2019

#### **Note 8: Capital Acquisitions**

2 (2000 Common Actividado (2000 April 2000 Common Actividado (2000 Common Act			Budget		YTD Actual				
						Purchase			
		Annual	Revised	YTD		Order	YTD		Funding
Assets	Account	Budget	Budget	Budget	Total YTD	Value	Variance	Funding Source	Amount
		\$		\$	\$		Ş		
Summary of Capital Acquisitions									
Land and Buildings		955,500	328,624	915,177	118,575	43,225	(796,602)		
Plant and Equipment		147,700	16,111	16,111	16,110	2-1	(1)		
Furniture and Equipment		801,000	81,322	781,322	27,561	12,905	(753,761)		
Roadsworks		1,878,165	902,934	1,752,934	381,679	30,323	(1,371,255)		
Drainage		547,750	389,700	389,700	26,923	234,117	(362,777)		
Footpaths Parks, Gardens and Reserves		25,500 635,600	42,390	42,390	40,769	104 601	(1,621)		
raiks, Gardens and Neserves		4,991,215	621,741 <b>2,382,822</b>	567,285 <b>4,464,919</b>	383,684 <b>995,301</b>	104,691 <b>425,261</b>	(183,601)		
		4,551,215	2,302,022	4,404,313	993,301	425,201	(3,469,618)		
LAND									
271 HAMILTON STREET SEWER & POWE	AL1801	30,000	24,647	30,000	24,646		(5,354)		
HATTON CRT PAW- TPS 4 A	AL1802	6,000	6,000	6,000	,	_	(6,000)		
KENNY STREET-PAW- TPS 4 A	AL1803	5,000	5,000	5,000	_	-	(5,000)		
Land Total		41,000	35,647	41,000	24,646		(16,354)		
Buildings			•				(==)== :,		
MAIN SWITCHBOARD- STAN MOSES PAV	AB1801	22,000	16,750	16,750	16,750	-	-		
MEN'S SHED CONSTRUCTION-	AB1802	370,000	35,000	370,000	11,013	22,477	(358,987)	Lotterywest Grant	200,000
PATIO REPLACEMENT- BOWLING CLUB	AB1804	15,000	15,000	15,000	15,000	_			
DEPOT SECURITY	AB1805	16,500	15,883	15,883	15,883		0		
ENGINEERING ROLLER DOOR	AB1806	20,000	3,500	3,500	3,336	-	(164)		
ABULTION FACILITY- SANDY BEACH	AB1807	250,000	-	250,000	19	_	(250,000)	POS CIL Funds from Trust	250,000
NEW RYDE VEHICLE CAGE- LIBRARY C/ P.	AB1808	5,500	4,680	4,680	4,680	-	-		
STOP WATER VALES- HYDE RETIREMENT	AB1809	9,000	8,550	8,550	8,550	-	(=)	Reserves - (Aged Persons)	9,000
SEATING REPLACEMENT- ASHFIELD RESE	AB1810	15,000	15,000	15,000	10,410	2	(4,590)	( 5 - 5 - 6)	-/
1 SURREY STREET REDEVELOPMENT	AB1811	150,000	150,000	150,000	-	u u	(150,000)	Reserves - (L & B)	150,000
AIRCONDITIONER UPGRADE- 48 OPR	AB1812	25,000	11,855	11,855	773	11,082	(11,082)		
KITCHEN CUPBOARDS- ALF FAULKNER H.	AB1813	6,500	5,425	5,425	-	6,078	(5,425)		
Buildings Total		914,500	292,977	874,177	93,929	43,225	(780,248)		

## Town of Bassendean NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 30 April 2019

#### **Note 8: Capital Acquisitions**

			Budget		YTD Actual				
	4					Purchase			
		Annual	Revised	YTD		Order	YTD		Funding
Assets	Account	Budget	Budget	Budget	Total YTD	Value	Variance	<b>Funding Source</b>	Amount
		Ş		\$	\$		\$		
Furniture and Equipment									
IT INFRASTRUCTURE UPGRADE	AE1801	50,000	50,000	50,000	-	_	(50,000)		
HACC EQUIPMENT FROM GROWTH FUN	AE1507	120	-	( <b>5</b> )	11,145	-	11,145		
KITCHEN CUPBOARDS- ALF FAULKNER H.	AE1803	1-1	-	12	=	-	8		
CCTV UPGRADE LIBARY CARPARK	AE1804	15,000	15,000	15,000	-	12,905	(15,000)		
ELECTRIC CHARGE STATION - OLD PERTH	AE1805	6,000	9,092	9,092	9,188	-	96		
PURCHASE OF NEW BINS- THREE BIN SYS	AE1806	700,000	42	700,000	-	-	(700,000)	Reserves (Waste)	467,500
								Dept of Waste Grant	232,500
CCTV SUCCESS HILL	AE1807	30,000	-			-	-		
CCTV UPGRADE - 35 OLD PERTH ROAD	AE1808	-	7,230	7,230	7,228	-	(2)		
Furntiture and Equipment Total		801,000	81,322	781,322	27,561	12,905	(753,761)		
Plant and Equipment									
REPLACE HACC VEHICLE P853	AF1801	35,000	-	-	-	-	_	Reserves (HACC)	25,000
POLMAC TAN AXLE TRAILER- PW7040	AF1802	11,700	9,198	9,198	9,198	-	(0)	(111155)	25,000
TRAILER- P7196- MOWER TRAILER	AF1803	16,000	6,913	6,913	6,913	-	(0)		
WATER TRUCK 5 TONNE - PP7117	AF1804	85,000	-/	-	-	_	-	Reserves (Plant)	65,000
Plant and Equipment Total		147,700	16,111	16,111	16,110		(1)	The second secon	
Infrastructure - Roads		parking maskings.							
SAFE ACTIVE ROJECT- BICYCLE BOULEVA	AR1801	850,000	-	850,000	8-	_	(850,000)	Dept of Transport Grant	850,000
	AR1802	550,000	344,286	344,286	-	-	(344,286)	Dept of Transport Grant	450,000
RESURFACE SUCCESS ROAD - SEVENTH A		35,000	35,000	35,000	34,287	-	(713)		
RESURFACE JAMES STREET, FROM OPR /	AR1804	275,000	164,000	164,000	163,704	17,225	(296)		
RESURFACE - KATHLEEN STREET- GUILDF	AR1805	45,261	45,261	45,261	36,250	8,997	(9,011)	R2R Grant	45,261
RESURFACE - BRADSHAW STREET- WEST	AR1806	7,000	7,832	7,832	8,971	-	1,139		
RESURFACE -MARY CRESENT WEST OF LO	AR1807	10,000	10,397	10,397	10,397	-	(0)		
RESURFACE -GREY STREET END OF NORT	AR1808	42,904	42,904	42,904	34,216	-	(8,688)	MRWA Grant	28,603
UPGRADE LIGHTING- PEDESTRIAN ROUT	AR1809	63,000	63,000	63,000	10,840	-	(52,160)	5	
SUCCESS ROAD RESURFACE AND FOOTP.	AR1810		90,254	90,254	83,015	4,101	(7,239)		
BROADWAY STATION ACCESS LANDSCAF	AR1811		100,000	100,000	121	-	(100,000)		
Roads Total		1,878,165	902,934	1,752,934	381,679	30,323	(1,371,255)		
Information Control									
Infrastructure - Footpaths FOOTPATH- TROY STREET BETWEEN SCA	AT1001	15 000	2000	20.000	27.025		4 005		
FOOTPATH- TROY STREET BETWEEN SCA		15,000 10,500	26,890 15,500	26,890 15,500	27,925 12,844		1,035		
Infrastructure - Footpaths Total	A1100Z	25,500	42,390	42,390	40,769		(2,656)		
minustructure - rootpatiis Total		23,300	42,590	42,590	40,769		(1,621)		

## Town of Bassendean NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY For the Period Ended 30 April 2019

#### Note 8: Capital Acquisitions

		Budget		YTD Actual				
					Purchase			
	Annual	Revised	YTD		Order	YTD		Funding
Assets Accou	nt Budget	Budget	Budget	Total YTD	Value	Variance	Funding Source	Amount
	\$		\$	\$		\$		
Infrastructure - Drainage								
DRAINAGE WORKS- LORD STREET- RELIN AD180	1 106,000	76,000	76.000	9,938	35,145	(66,062)		
DRAINAGE- NORTH ROAD REPLACE MAN AD180		51,250	51,250	943	41,825	(50,307)		
DRAINAGE- BRIDSON & WITFIELD STREE AD180		12,450	12,450	2,950	-	(9,500)		
DRAINAGE- SURREY STREET RELINE CHRI AD180	1000	160,500	160,500	7,930	121,708	(152,570)		
DRAINAGE- ANZAC TCE STORMWATER P AD180		56,500	56,500	4,242	34,911	(52,258)		
DRAINAGE- PALMERSTON RESERVE- NEV AD180	8 33,000	33,000	33,000	920	528	(32,080)		
Infrastructre - Drainage Total	547,750	389,700	389,700	26,923	234,117	(362,777)	Reserves (Drainage)	400,000
Infrastucture - Park Plant & Equipment								
MARY CRES NATURE BASED PLAYGROUN AP180	1 250,000	301,516	301,516	301,439	30,861	(77)	POS CIL Funds from Trust	250,000
UPGRADE TO SHELTERS & SIGNAGE - SU AP180	2 7,000	7,000	7,000	-	-	(7,000)		,
PLAY EQUIPMENT - PADBURY PARK AP180	3 10,000	10,000	10,000	-	-	(10,000)		
PLAY EQUIPMENT(NATURE BASED PLAY( AP180	5 25,000	26,847	26,847	-	26,846	(26,847)	Reserves -(WIW)	25,000
PLAY EQUIPMENT - WIND IN THE WILLO AP180	6 10,000	10,000	10,000	-	-	(10,000)	Reserves -(WIW)	10,000
TENNIS COURTS RESURFACE- BIC AP180	7 15,000	13,750	13,750	13,750	20	-		
UPGRADE TO GARDENS- 48 OLD PERTH I AP180	8 15,000	8,562	8,562	8,561	-	(1)		
SPILLWAY CONSTRUCTION- SUCCESS HIL AP180	9 180,000	50,000	50,000	31,689	17,884	(18,311)		
POST & RAIL REPLACEMENT-JUBILEE RE AP181	0 20,000	19,793	19,793	19,793	-			
BROADWAY ABORETUM- STAGE 2 IMPLE AP181	1 44,100	44,100	44,100		-	(44,100)	POS CIL Funds from Trust	44,100
PLAN FOR LIVING STREAMS AP181	2 20,000	20,000	20,000	-	-	(20,000)		•
KELLY PARK LIGHTING AP181	4 32,500	50,500	50,500	1,000	29,100	(49,500)		
MARY CRESCENT DOG FOUNTAIN AP181	5 7,000	5,217	5,217	7,451		2,234		
UPGRADE POWER BOX AT MARY CRESCE AP181	6 -	13,445			-	·		
REPAIRS TO BOAT RAMP PICKERING PAR AP181	7 -	41,011		-	-	(40)		
Infrastucture - Park Plant & Equipment Total	635,600	621,741	567,285	383,684	104,691	(183,601)		3,681,964
Capital Expenditure Total	4,991,215	2,382,822	4,464,919	995,301	191,144	(3,469,618)		

Note 9: Budget A	Amendments						
		Current	Amended	Budget			
GL Account Code	Description	Budget	Budget	Movement	Reason		
		\$	\$	\$			
	No Budget Amendments this Reporting Period						

Note 10: Disposal of Assets

			YTD Actual				Budget		
Asset Number	Asset Description	Net Book Value	Proceeds	Profit	(Loss)	Net Book Value	Proceeds	Profit	(Loss)
		\$	\$	\$	\$	\$	\$	\$	Ś
	Education and welfare	-	-	-		20,000	10,000	-	(10,000)
P853	Holden Omega (HACC)		=	-	-	20,000	10,000	-	(10,000)
	Community amenities	-	-	-	-	805,000	850,000	70,000	(25,000)
ALO0034	Lot 7557 Lord Street	-	-	-		400,000	375,000	-	(25,000)
ALO0035	48 Chapman Street	-	÷	-	-	405,000	475,000	70,000	, -,,
	Other property and services	-	-	-		61,034	37,300	852	(24,586)
W7070	Polmac Tandem Axle Bobcat Trailer	-	-	-	-	1,300	1,300		
P7196	Papas Mower trailer 2 tonne	-	-	_	_	148	1,000	852	
PP7117	Isuzu Tip Truck	-	-	-	1-1	19,501	15,000	-	(4,501)
PW7048	Polmac Sweeper and Plant Trailer  By Class	-	-	-		40,085	20,000	-	(20,085)
	Property, Plant and Equipment	-	-	-		81,034	47,300	852	(34,586)
P853	Holden Omega (HACC)	-	-	-		20,000	10,000	-	(10,000)
W7070	Polmac Tandem Axle Bobcat Trailer	-	-	_	1 <del>.</del>	1,300	1,300	-	
P7196	Papas Mower trailer 2 tonne	-	-	-	-	148	1,000	852	
PP7117	Isuzu Tip Truck	_	-	_	-	19,501	15,000	-	(4,501)
PW7048	Polmac Sweeper and Plant Trailer	-	r.	-	121	40,085	20,000	-	(20,085)
	Land	-	-	-		805,000	850,000	70,000	(25,000)
ALO0034	Lot 7557 Lord Street	-	-	-	7=1	400,000	375,000	-	(25,000)
ALO0035	48 Chapman Street	-	-	-	-	405,000	475,000	70,000	-
	-	-	-	-		886,034	897,300	70,852	(59,586)

There have been no disposals to date

Note 11: Trust Fund

Funds held at balance date over which the Town has no control and which are not included in this statement are as follows:

Descripton	Opening Balance 1/07/2018	Amount Received	Amount Paid	Closing Balance 30/04/2019
·	\$	\$	\$	\$
Public Open Space	953,683	10,125	-	963,808
BCITF	_	41,189	(38,793)	2,396
BRB	4,953	45,481	(46,117)	4,318
Total Uncontrolled Trust Funds	958,636	96,795	(84,909)	970,522
Funds held at balance date over which the Town	has control are as follows:			
	<b>Opening Balance</b>	Amount	Amount	Closing Balance
Description	1/07/2018	Received	Paid	30/04/2019
Hyde Retirement Village Retention Bonds	259,648	116,250	(80,550)	295,348
Securities	802,337	297,405	(168,244)	931,498
Hall Hire Bonds	26,641	47,620	(41,000)	33,261
Crossover Deposits	108,675		-	108,675
Landscaping Bonds	659,300	151,508	(119,044)	691,764
Stormwater Deposits	23,356	5,995	(2,950)	26,401
Lyneham Hostel Residents Trust	1,050	24		1,050
Iveson Hostel Residents Trust	18		-	18
Total Other Bonds and Deposits	1,961,619	590,111	(435,970)	2,115,760
Total Controlled Trust Funds	2,221,267	706,361	(516,520)	2,411,108

# TOWN OF BASSENDEAN EXTRACT LIST OF PROJECTS & CONSULTANCIES For the Period Ended 30 April 2019

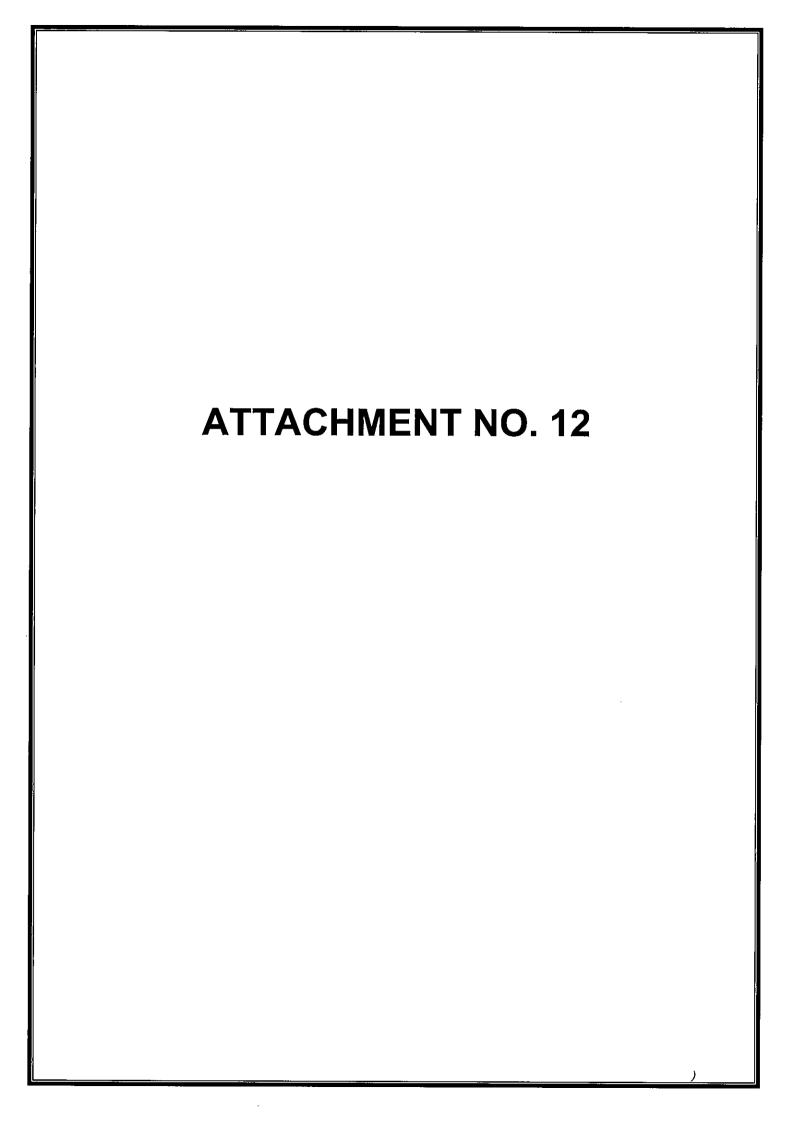
Note 12: Projects & Consultancies List

Note 12: Projects & Consultancies List					
	Amended			2018/19	
	Annual			TOTAL Inc	
	Budget	2018/19	Purchase	Purchase	
PECPEATION & CUI TUPE	2018/2019	Actual	Orders	Orders	FUNDING SOURCE
RECREATION & CULTURE SPORT & REC - CLUB CONNECT	\$7,500	\$3,516	\$682	¢4 100	COLINCII
SPORT & REC - KIDS SPORT	\$7,300	\$6,460	\$0	\$4,198 \$6,460	COUNCIL
SPORT & REC - EVENT CONSULTANT	\$0	\$0,460	\$0	\$0,400	COUNCIL
SPORT & REC - FACILITY NEEDS ASSESSMENT	\$0	\$0	\$0	\$0	COUNCIL
CONSULTANT- OPEN SPACE FRAMEWORK	\$0	\$0	\$0	\$0	COUNCIL
MASTER PLAN - BIC RESERVE	\$0	\$0	\$0	\$0	COUNCIL
GAS HEATER AND PIN BOARD FOR STREET DOCTOR+ AB1814 Shelter	\$1,360	\$604	\$0	\$604	COUNCIL
YOUR MOVE - SIGNAGE	\$6,600	\$0	\$0	\$0	COUNCIL
YOUR MOVE - FIX-IT STATION	\$5,500	\$0	\$0	\$0	TRUST
YOUR MOVE - 4 X E- BIKES YOUR MOVE - 50 X BIKE D-LOCKS	\$10,000	\$0	\$9,136	\$9,136	COUNCIL
YOUR MOVE - CYCLE WITHOUT AGE PROGRAM	\$0 \$0	\$0 \$0	\$0	\$0	COUNCIL
MASTER PLAN - JUBILEE RESERVE	\$20,000	\$0	\$0 \$0	\$0 \$0	COUNCIL
LIGHTING AUDITS - BASSENDEAN, JUBILEE, ASHFIELD	\$20,000	\$0	\$0	\$0	COUNCIL
CONSULTANT TO DESIGN NEW PLAYGROUND MARY CRESCENT	\$17,200	\$32,885	\$0	\$32,885	COUNCIL
CONSULTANT TO DESIGN NEW PLAYGROUND SANDY BEACH	\$17,800	\$32,885	\$0	\$32,885	COUNCIL
BUSINESS CASE - SDFC FOOTBALL FACILITIES	\$25,000	\$82	\$0	\$82	GRANT
DISABILITY ACCESS AND INCLUSION PLAN	\$20,000	\$20,405	\$0	\$20,405	COUNCIL
PENSIONER GUARD COTTAGE - ARCHITECT, ALSO GL AB1811	\$52,000	\$10,825	\$32,440	\$43,265	COUNCIL
CULTURE - ARTS & CULTURE PLAN	\$50,000	\$12,070	\$350	\$12,420	COUNCIL
PUBLIC EVENTS - FRINGE FESTIVAL	\$32,500	\$31,500	\$561	\$32,061	COUNCIL
PUBLIC EVENTS - WAMMI FESTIVAL	\$32,500	\$25,465	\$2,396	\$27,860	COUNCIL
PUBLIC EVENTS - NAIDOC DAY PUBLIC EVENTS - AUSTRALIA DAY	\$81,000	\$80,250	\$55,529	\$135,779	\$20,000 GRANT'S
PUBLIC EVENTS - AGSTRALIA DAT  PUBLIC EVENTS - COMMUNITY EVENTS SPONSORSHIP	\$159,000 \$30,000	\$141,445 \$14.070	\$621	\$142,066	\$20,000 INCOME
PUBLIC EVENTS - CHILDREN WEEK	\$700	\$14,070	\$0 \$0	\$14,070 \$494	COUNCIL
PUBLIC EVENTS - VISUAL ART AWARD	\$40,000	\$37,342	\$636	\$37,978	\$5,000 FEES
PUBLIC EVENTS - SENIORS WEEK	\$7,000	\$7,486	\$0	\$7,486	COUNCIL
PUBLIC EVENTS - AVON DECENT	\$5,300	\$5,792	\$0	\$5,792	\$4,500 GRANT
PUBLIC EVENTS - ANZAC DAY + OTHER MEMORIAL DAYS	\$17,200	\$16,000	\$4,851	\$20,851	COUNCIL
PUBLIC EVENTS - SUMMER OUTDOOR MOVIES	\$23,000	\$14,831	\$223	\$15,055	COUNCIL
TOTAL RECREATION & CULTURE	\$669,160	\$510,309	\$107,622	\$617,932	
LIBRARY					
TOWN OF BASSENDEAN HISTORY BOOK PRODUCTION	\$26,000	\$4,796	\$0	\$4,796	COUNCIL
TOTAL LIBRARY	\$26,000	\$4,796	\$0	\$4,796	
ASSET SERVICES					
ASSET SERVICES ASSET MANAGEMENT	\$82,000	¢20.00¢	ćr 207	645.202	5011101
GRAFFITI REMOVAL PROGRAM	\$20,000	\$39,996 \$14,598	\$5,387 \$8,340	\$45,383 \$22,938	COUNCIL
BIKE BOULEVARD DESIGN	\$120,000	\$53,180	\$4,370	\$57,550	DOT GRANT
URBAN FOREST MANAGEMENT PLAN & REVISED STREET TREE MASTER	\$120,000	\$55,100	\$4,570	\$37,330	DOTGRANT
PLAN	\$0	\$1,306	\$0	\$1,306	COUNCIL
STREET/ROAD LIGHT REVIEW/ NEW LED LIGHTS	\$30,000	\$0	\$0	\$0	COUNCIL
ENGINEER - PROJECTS DESIGN AND TECHNICAL SPECIFICATIONS	\$60,000	\$9,541	\$2,160	\$11,701	COUNCIL
WEED MANAGEMENT -STEAM WEEDING OF ROADS AND MP0051 BUSHL	\$109,000	\$52,363	\$21,985	\$74,348	COUNCIL
TOTAL TRANSPORT	\$421,000	\$170,984	\$42,243	\$213,227	
DEVELOPMENT SERVICES					
SWAN RIVER TRUST PRECINCT PLAN REVIEW	\$5,000	\$7,071	\$0	\$7,071	COUNCIL
STREETSCAPE PROTECTION AREA(EILEEN TO WILSON) MUNICIPAL HERITAGE INVENTORY	\$0	\$0	\$0	\$0	COUNCIL
TREE ASSESSMENT	\$0 \$5,000	\$0	\$0	\$0	COUNCIL
LOCAL PLANNING STRATEGY	\$210,000	\$0 \$97,394	\$0 \$185,136	\$0 \$282,530	COUNCIL
BASSENDEAN ACTIVITY CENTRE ACTIVITY PLAN	\$40,000	\$97,394	\$185,136	\$282,530	COUNCIL
DEVELOPMENT CONTRIBUTION PLAN	\$5,000	\$0	\$0	\$0	COUNCIL
LOCAL PLANNING POLICY - BUILT FORMS GUIDELINES 19/20	\$0	\$0	\$0	\$0	COUNCIL
LOCAL PLANNING POLICY - TREE PRESERVATION ON DEV. SITES	\$7,500	\$0	\$0	\$0	COUNCIL
CONTRACT RELIEF - BUILDING SURVEYOR	\$7,000	\$1,590	\$1,818	\$3,408	COUNCIL
TOTAL DEVELOPMENT SERVICES	\$279,500	\$203,448	\$372,091	\$575,539	
ECONOMIC DEVELOPMENT					
ECONOMIC DEVELOPMENT- DEVELOPMENT PLAN	\$32,500	\$4,063	\$5,986	\$10,049	COUNCIL
OLD PERTH RD INITIATIVES	\$64,745	\$45,969	\$27,426	\$73,395	COUNCIL
OLD PERTH VIBRANCY PROJECT	\$34,700	\$0	\$11,213	\$11,213	COUNCIL
BUSINESS PLAN - PUBLICITY & PROMOTION	\$30,000	\$29,636	\$2,472	\$32,108	COUNCIL
EMRC PROJECTS - ECONOMIC DEVELOPMENT	\$6,295	\$0	\$0	\$0	COUNCIL
EMRC PROJECTS - REGIONAL EVENTS  TOTAL ECONOMIC DEVELOPMENT	\$6,294	\$14,239	\$0	\$14,239	COUNCIL
TOTAL ECONOMIC DEVELOPMENT	\$174,534	\$93,907	\$47,097	\$141,004	

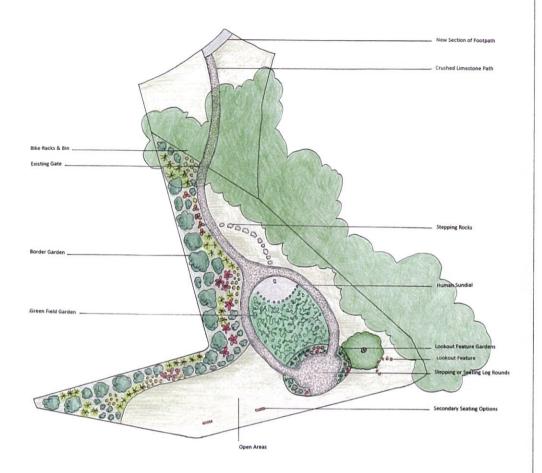
## TOWN OF BASSENDEAN EXTRACT LIST OF PROJECTS & CONSULTANCIES For the Period Ended 30 April 2019

Note 12: Projects & Consultancies List

Note 12: Projects & Consultancies List			1 19 1		
	Proposed Amended Annual Budget 2018/2019	2018/19 Actual	Purchase Orders	2018/19 TOTAL	FUNDING SOURCE
GOVERNANCE					
EMPLOYEE ASSISTANCE PROGRAM	\$30,000	\$17,406	\$4,398	\$21,805	COUNCIL
ORGANISATION FUNCTION REVIEW	\$15,000	\$0	\$0	\$0	COUNCIL
INFORMATION SYSTEMS REVIEW	\$15,000	\$0	\$0	\$0	COUNCIL
RECONCILIATION ACTION PLAN CONSULTATION	\$50,000	\$25,064	\$15,193	\$40,257	COUNCIL
GOVERNANCE - CORPORATE PLANNING	\$41,000	\$42,951	\$0	\$42,951	COUNCIL
OCCUPATIONAL HEALTH & SAFETY PROGRAMS	\$9,000	\$2,149	\$0	\$2,149	COUNCIL
SERVICE REVIEW - SENIORS & DISABILITY SERV + HRV	\$25,000	\$25,000	\$16,500	\$41,500	COUNCIL
TOTAL GOVERNANCE	\$185,000	\$112,721	\$36,091	\$148,812	
HEALTH					
SUICIDE PREVENTION - RUN IN CONJUNCTION WITH COMMUNITY SAFETY	\$5,000	\$0	\$0	\$0	COUNCIL
COMMUNITY SAFETY & CRIME PREVENTION	\$5,000	\$0	\$0	\$0	COUNCIL
MOSQUITO CONTROL PROGRAM	\$36,000	\$252	\$0	\$252	COUNCIL
PEST - RAT ERADICATION PROGRAM	\$2,400	\$1,346	\$646	\$1,992	COUNCIL
TOTAL HEALTH	\$48,400	\$1,598	\$646	\$2,244	COONCIL
RANGERS					
CONSTABLE CARE PROGRAM	ĆE FOO	<b>*F F00</b>	40	45 500	
EMRC - FLOOD MARKINGS	\$5,500 \$15,000	\$5,500 \$16,627	\$0	\$5,500	COUNCIL
			\$401	\$17,028	COUNCIL
EMERGENCY SERVICES CONTRACTS	\$28,000	\$4,950	\$0	\$4,950	COUNCIL
TOTAL RANGERS	\$48,500	\$27,077	\$401	\$27,478	
ENVIRONMENT					
PURCHASE OF NEW TREES	\$ 178,000	\$0	\$0	\$0	COUNCIL
LOT 271 HAMILTON STREET - PREPARE SITE TO ACCOMMODATE	450.000	*****			
DEVELOPMENT BINDARING HYDROLOGY STUDY	\$50,800	\$44,200	\$0	\$44,200	COUNCIL
	\$10,000	\$0	\$0	\$0	COUNCIL
SUSTAINABILITY - COMMUNITY EDUCATION PROGRAMME EMRC - REGIONAL INTEGRATED TRANSPORT PROJECTS	\$10,000	\$3,233	\$0	\$3,233	COUNCIL
EMIRC - REGIONAL INTEGRATED TRANSPORT PROJECTS	\$6,000	\$6,077	\$0	\$6,077	COUNCIL
EMISSIONS REDUCTION (EMRC -ENVIRONMENTAL & SUSTAINABILITY					
PROGRAM - ENERGY, WATER & CLIMATE CHANGE )	\$41,000	\$41,005	\$0	\$41,005	COUNCIL
SUSTAINABILITY - COMMUNITY GRANTS & PROJECTS	\$5,000	\$2,679	\$0	\$2,679	COUNCIL
SUSTAINABILITY - CLEVER CLIMATE PROGRAM	\$5,000	\$0	\$0	\$0	COUNCIL
WASTE STRATEGY Inc Behaviour Program	\$60,000	\$0	\$0	\$0	COUNCIL
WASTE EDUCATIONAL PROG (Schools, Better Bin Etc)	\$0	\$0	\$0	\$0	COUNCIL
STREET TREE COMMUNICATION AND BEHAVIOUR PROGRAM AND					
ARBORIST FOR TREE SELECTION AND TREE RESEARCH PROGRAM	\$40,000	\$0	\$0	\$0	COUNCIL
WASTE MANAGEMENT STICKERS	\$38,800	\$181	\$0	\$181	COUNCIL
TOTAL ENVIRONMENT	\$444,600	\$97,375	\$0	\$97,375	
			The state of the s		



#### The Lookout: A Reflective Community Space overlooking Ashfield Flats





#### Original Plan size A2

Scale 1:400

0 \$ 10

Crushed Limestone Path
Crushed Limestone Path that provides pram and wheelchair
accessibility.

consequence unrestoren Path that provides pram and wheelchair accessibility.

Limestone Steepping Rocks
A planful element and alternative pathway – low key nature play element and interest for all ages.

Planful and usual element, a point of difference for the space. This could be constructed in many different ways pound concrete for the whole space then markers painted/embosacd or individual stone/mosaic markers set into much.

painted/embossed or individual stone/mosaic markers set into mulch.

Green Field Garden
This garden creates a calm and spacious feel in the centre of the site. One species of super low native groundcover only sufficient to the site. One species of super low native groundcover only sufficient or set in the species of super low native groundcover only sufficient or settlements. Seating or Steeping Log Rounds.

These provide a seating option in the shade, taking advantage of the existing trees on site and in the guly to the east. As a seating rear they again focus on the view and also provide another playful element as steeping logs. Lookout Feature Candon Seating and Seating and Seating Seating

Border Garden
These gardens effectively divide the community space from the private space of the adjoining houses. A diverse selection of low native shrubs, ground covers and grasses selection of low native shrubs, ground covers and grasses will be used. The garden will add seasonal interest and beauty to the space while also increasing the habitat value for local fauna. Spaces will be left through the gardens for president access to their gates.

Open Areas
These spaces could be treated in a number of ways
depending on final decisions made about the maintenance
open dings of final decisions made about the maintenance
process of the process of courts and weeks. More regular mowing will encourage
the courts ho become more lawn like in purmer this area
would brown off). Chunky free draining mulch as is or
scarstely planted with low growing rather ground covers.
The final option would be to install a new lawn complete
with reticulation in these areas.
Secondary Seating
Bennish dest for reflection, remembrance and quiet
contemplation looking out over the beautiful Ashfield flats.
Service Areas like Racks and fills
No parting is provided on-site so bile parking helps to that
the site is pedestrain and bile friendly. This is also an ideal
location for a bin with deg waste disposal bags.

Plant Palette Suggestions
A range of water-wise, low growing native shrubs, ground covers and grasses will be used. There are three distinct garden spaces. The Border Garden, the Lookout Feature Gardens and the Green Field Garden.

The Border Garden
Grevillea thelemanniana
Pimelea ferruginea
Thryptomene beeckeecea prostrata
Grevillea obtusifolia "Gin Gin Gem"
Ficihia nodosa
Dianella revoluta
Constylis candicans
Kennedia prostrata

Green Field Garden Acacia saligna prostrata OR Hardenbergia "Sea of Purple" OR

Carpobrotus virescens

Lookout Feature Gardens
Thryptomene baeckeacea prostrata
Conostylis candicans
Pattersionia occidentalis
Dampiera linearis
Dianella revoluta
Kennedia prostrata

Other Possible Species Hibbertia grossulariifolia Grevillea crithmifolia "Green Carpet" Leschenaulta iforibunda

The View

All of the new elements included in this plan including all planting is deliberately low so as to not impact on the sense of scale and sense of the the too box provides.

The view out over the Ashfield Flats is the key view but the "long view" to the horizon and the hills is equally important and a rare commodity in the city.

Plaryfulness

Although there is no playground on site play is welcome. All features are low key and are suitable for all lages including adults. Encouraging playfulness and physical activity for everyone is an important function of local public space. All the features that could be considered play elements are on the east side to reduce any noise issues for residents to the west.

#### URBAN gardenslandscapesplaces BOTANIC

emmaslavin@bigpond.com o438 561 483

Client: AshfieldCAN Address: Hardy Rd, Bassendean

Scale: 1:400

Date: October 2018

Garden Concept Design: Original size: A2

This is a concept plan only. All dimensions must be checked on site by construction contractors



Your ref

Our ref

DMO274 Enquiries Haorni Yelford

08 6364 7154

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08 9333 7675

Email.

naomi telford@dwer.wa gov au

Mr Ross Parker Senior Projects and Policy Officer Western Australian Planning Commission 140 William Street PERTH WA 6000

Dear Mr Parker

RE PART FORMER LOT 663 HARDY ROAD ASHFIELD, NOW KNOWN AS LOT 821 ON PLAN 40943, 52 VILLIERS STREET BASSENDEAN

I refer to your letter to the Department of Water Environmental Regulation (DWER) dated 9 February 2018 regarding the proposed management of the abovementioned site.

Following inspection of the site by DWER on 12 February 2018, review of historical information on file and consultation with the Department of Health, DWER has concluded that the site is suitable for its current use as regional open space (from a contamination perspective) provided a site management plan (SMP) is prepared for its ongoing management.

The SMP should detail how the site is to be regularly inspected and maintained to ensure the grass cover remains intact and no visible asbestos-containing material (ACM) is present on the surface of the site, collection and disposal of any visible ACM and maintenance of the stability of the embankment to ensure the fill and any ACM remains contained. The SMP should also set out how inspections and maintenance actions are to be documented.

As the site is deemed suitable for its current use, DWER has classified the site as remediated for restricted use under section 13 of the Contaminated Sites Act 2003 (the Act). Formal notice of the classification will be provided to the Western Australian Planning Commission (WAPC) in due course.

The site classification sets out restrictions on use of the site, which include no change to a more sensitive land use and no disturbance of the fill. Should any disturbance of the fill be proposed in the future, a site-specific health and safety management plan would need to be developed to manage handling of any excavated material, air monitoring and post-disturbance validation.

Regarding the proposed construction of public seating at the site, the WAPC propose to install a concrete slab on which the structure can be fixed to avoid soil disturbance for footings. DWER agrees this approach is suitable and has no objection to the WAPC approving the development on this basis.

> Locked Bag 33 Cloisters Square Perth WA 6850 Telephone: 1300 762 982 Facsimile: 08 9333 7575 www.dwer.wa.gov.au