

ATTACHMENTS

BRIEFING SESSION AGENDA

21 APRIL 2020

Attachment No. 1:

Proposed Front Fence - 1/23 (Strata Lot 1) Purser Loop, Bassendean - Development application plans

Attachment No. 2:

Proposed Front Fence – 2/23 (Strata Lot 2) Purser Loop, Bassendean – Development Application Plans

Attachment No. 3:

- Aerial map of area
- Existing Local Planning Policy No. 11 - LPP11 – Lot 2, 1 Anzac Terrace Design Guidelines
- Draft amended Local Planning Policy No. 11 - LPP11 – Anzac Terrace Design Guidelines

Attachment No. 4:

- Copy of previous Council resolution – 248 Morley Drive East
- Letter from landowner's legal representatives
- Arboricultural report

Attachment No. 5:

- Existing Council Policy 1.15 – Design Review Panel
- Draft Local Planning Policy – Design Review Panel
- City of Bayswater Design Review Panel Terms of Reference

Attachment No. 6:

Report of Review on Local Planning Scheme No. 10

Attachment No. 7:

List of Payments for March 2020

Attachment No. 8:

Monthly Financial Report – March 2020

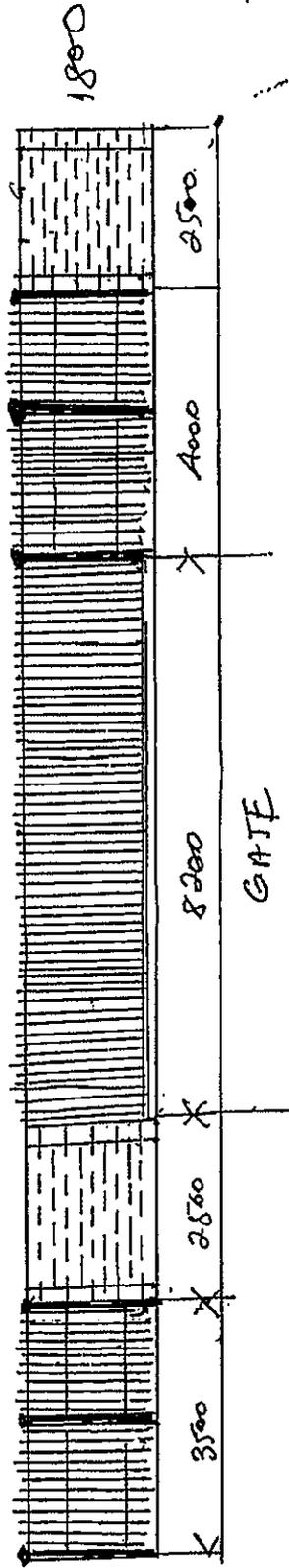
Attachment No. 9:

Minutes of the Bassendean Local Emergency Management Committee meeting held 1 April 2020.

ATTACHMENT NO. 1

ELEVATION LOT 1/23
PURSER LOOP

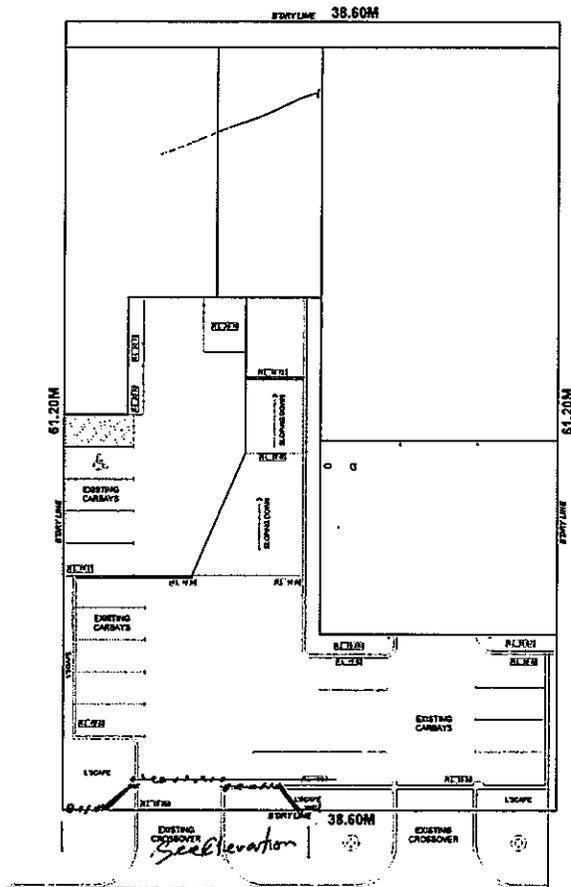
BASSENDEN



GARRISON FENCING

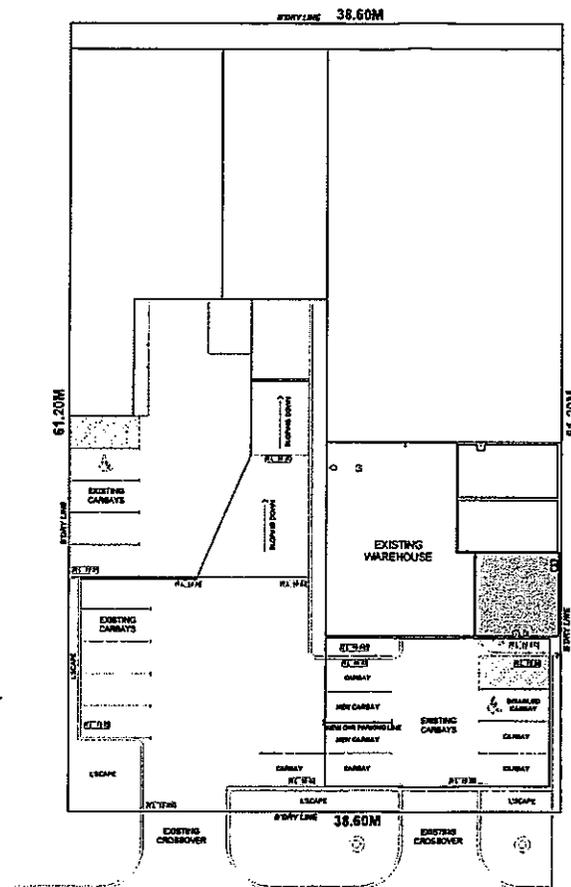
SAND LIMESTONE

TOWN OF BASSENDEAN
6 APR 2015
RECEIVED



PURSER LOOP

EXISTING SITE PLAN
SCALE 1:500



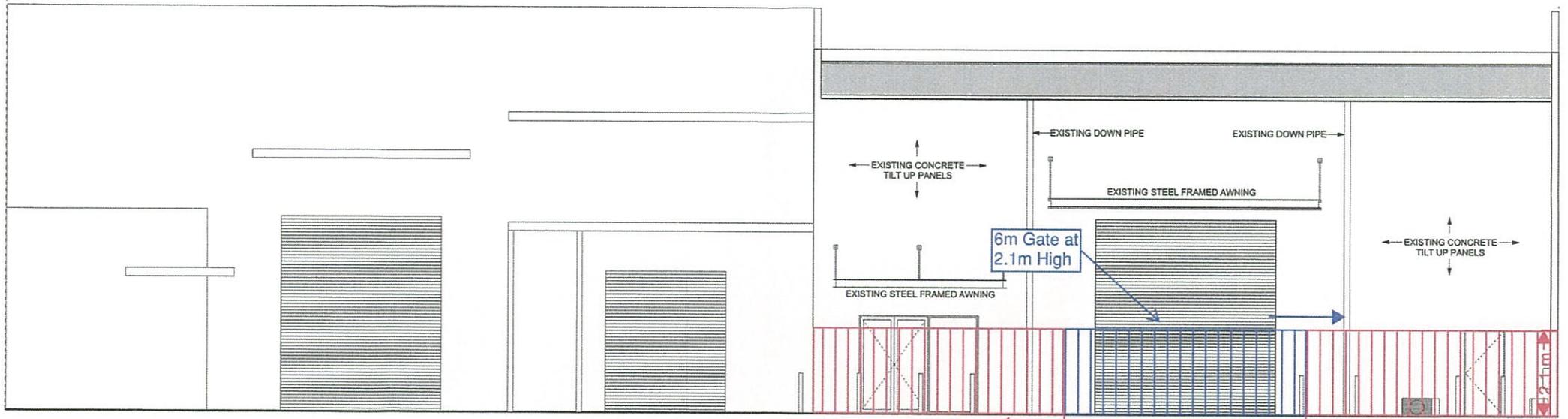
PURSER LOOP

PROPOSED SITE PLAN
SCALE 1:500



TOWN OF BASSSENDEAN
16 APR 2019
RECEIVED

ATTACHMENT NO. 2



PROPOSED ELEVATION 1 - NORTH-EAST
 SCALE 1:100

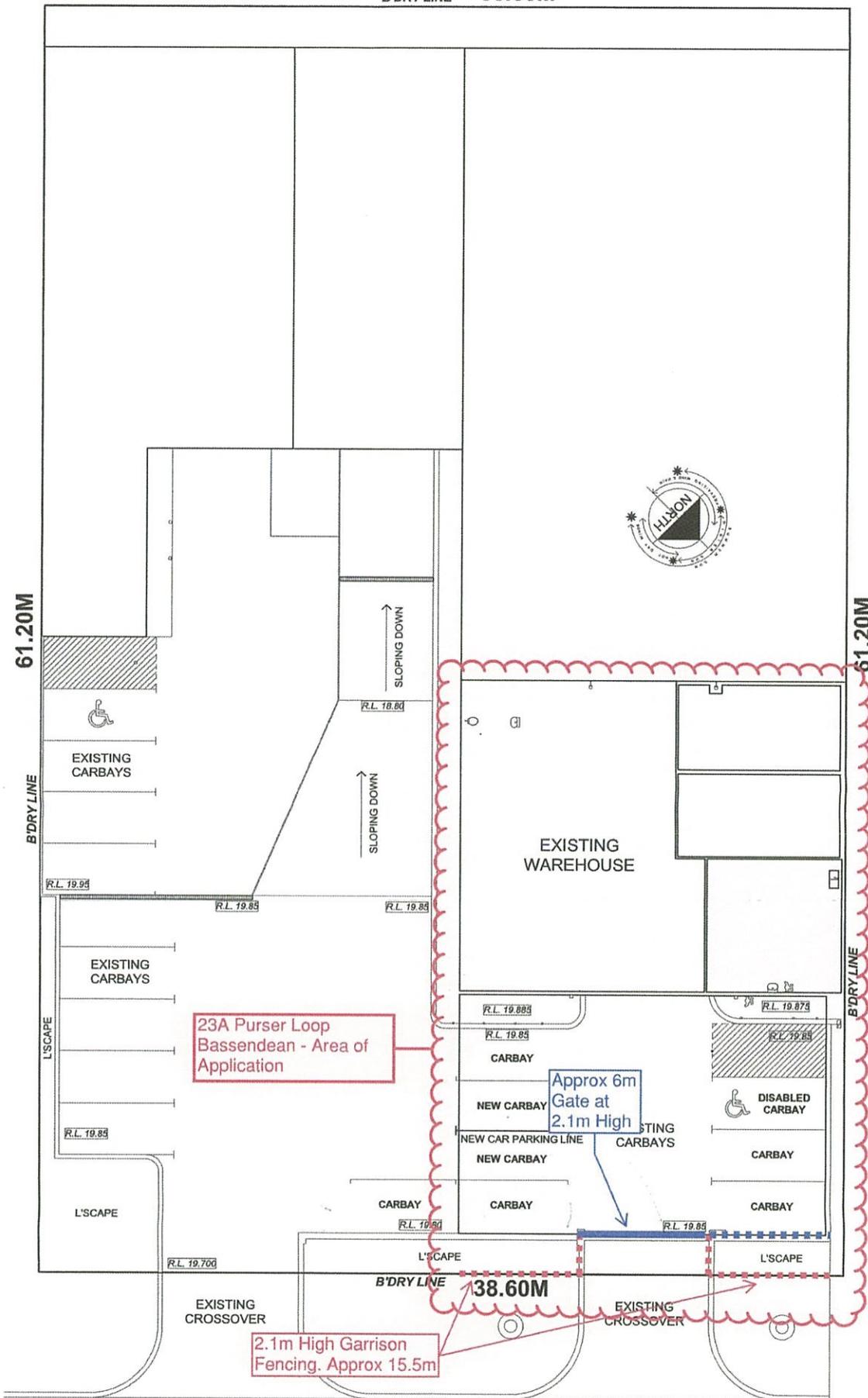
2.1m High Garrison
 Fencing. Approx 15.5m

TOWN OF DUNSMUIR
 4 FEB 2019
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B'DRY LINE 38.60M

61.20M

61.20M

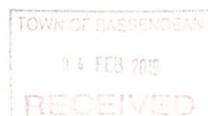


23A Purser Loop
Bassendean - Area of
Application

Approx 6m
Gate at
2.1m High

2.1m High Garrison
Fencing. Approx 15.5m

PURSER LOOP



ATTACHMENT NO. 3



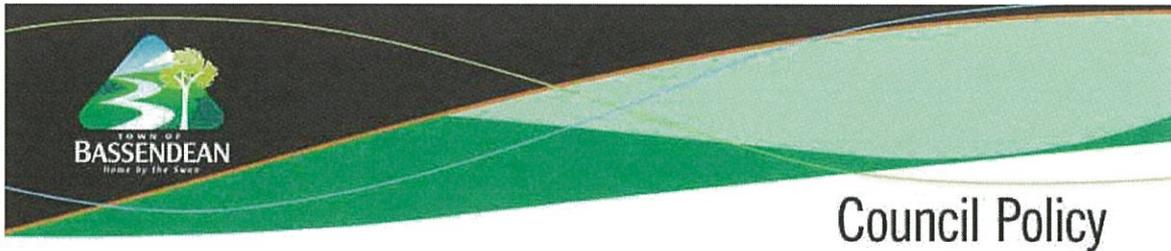
Town of Bassendean
 35 Old Perth Road
 Bassendean WA 6054
 Phone: 9377 8000
 Fax: 9279 4257
 Email: mail@bassendean.wa.gov.au

Disclaimer: The Town Of Bassendean accepts no responsibility for the accuracy of this image or the results of any actions taken when using this image. This map is based on information provided by and with the permission of the Western Australian Land Information Authority.

27/03/2020

Scale: 1:1250





LOCAL PLANNING SCHEME NO. 10

LOCAL PLANNING POLICY NO 11

LOT 2; 1 ANZAC TERRACE DESIGN GUIDELINES

The Residential Design Guidelines have been prepared to establish and protect both the amenity of the locality and individuals' investment in the subject site. The purpose of the design guidelines is to ensure the quality of the built environment is enhanced by the application of coordinated design principles. Specifically, the guidelines define standards to:

- Provide flexibility in the siting of dwellings;
- Ensure fencing promotes passive surveillance of public space, whilst also coordinating styles, materials and security; and
- Encourage and maintain quality design.

The design guidelines provide direction and clarity to developers, Council and the community on the application of the performance criteria, with regard to various elements of the Residential Design Codes within the subdivision located at Lot 2; 1 Anzac Terrace, Bassendean. The Guidelines identify the relevant R-Code provision including the associated clause. Applications that meet these Guidelines are deemed to meet with the relevant Performance Criteria of the R-Codes.

This policy is made pursuant to Clause 2.6.2 of the Residential Design Codes and shall have effect for applications made for residential and ancillary development, as defined by Town Planning Scheme No. 3. Unless specifically modified by any provisions of these Design Guidelines, all development is to be in accordance with the provisions of the Residential Design Codes and Town Planning Scheme No. 3.

Implementation

The guidelines shall be implemented by the Town of Bassendean through the planning approval process of the Town of Bassendean.

GENERAL DESIGN ELEMENTS - OBJECTIVES

Design elements are grouped into a number of categories including:

- Zero Lot Lines and Building Setbacks;
- Carports and Garages, and External Buildings;
- Fencing;
- External Appearance; and
- Landscaping.

Zero Lot Lines

In order to afford owners flexibility in the siting of dwellings within the estate, each dwelling may feature a dwelling built to a nil side setback on one boundary, to a maximum of two-storeys. Any additional levels above the second storey should be designed to comply with the setback provisions of the Residential Design Codes. A specified setback will also apply along the Swan River and Anzac Terrace frontages, to protect the streetscape and maximise opportunities for preservation of the foreshore.

Carports and Garages

A minimum of four car bays is required to be provided for each dwelling. Carports and garages should be designed to complement the dwelling and be set back the required distance from street boundaries.

Fencing

Fencing has a significant impact upon the quality of the streetscape and amenity of the area in general, as well as providing security. The establishment of an open aspect towards public spaces is considered to improve the security of local communities. Accordingly, fencing to primary streets should generally be visually permeable whilst providing for privacy to outdoor living areas.

Design Guidelines

Based upon the objectives and considerations outlined above, the following guidelines shall apply:

- 1.0 Design Element 2 – Streetscape;
- 1.1 Setback of Buildings Generally (Clause 3.2.1); and
 - 1.1.1 Dwellings shall have a primary set back of a minimum of 2.5 metres from any private road or access way.
 - 1.1.2 Notwithstanding the provisions of Point 1.1.2, any dwelling on Lot 1 shall be set back a minimum of 1.5 metres from the Anzac Terrace boundary.
- 1.2 Set Back of Garages and Carports (Clause 3.2.3)**
 - 1.2.1 Notwithstanding any other provisions within these guidelines, carports or garages shall be setback a minimum of 4.5 metres from the primary street (including private roads or public road), to enable 2 additional vehicles to park side by side between the carport/garage and the street without encroaching beyond the lot boundary.
- 1.3 Street Walls and Fences (Clause 3.2.5)**
 - 1.3.1 Unless otherwise specified in these guidelines, side and rear fences may be solid up to a maximum height of 1.8m above the natural ground level;
 - 1.3.2 Front fences shall not exceed 1.8m in height above the natural ground level;
 - 1.3.3 Low front fences (less than 750mm) may be open or solid;

- 1.3.4 Notwithstanding Clause 1.3.1, and subject to Clause 3.2.1, fences within the street setback area (including private roads or public road) and/or fencing to Lots 9, 10 and 11 abutting a street boundary (including secondary street, private roads or public road), and greater than 750mm in height, shall be 'visually permeable', to permit identification of the property boundary without creating a barrier to the street or creating an internal security problem. Fence forms such as brick or masonry piers with picket/wrought iron infill are acceptable. The solid portion of a high fence (greater than 750mm overall height), excepting piers, shall not exceed 0.8m;
- 1.3.5 Side fences within the front setback must be no higher than the front fence and must be constructed of the same or matching materials;
- 1.3.6 The design of front fences should reflect the style and character of the dwelling located behind them;
- 1.3.7 Fibrous cement fencing is not permitted;
- 1.3.8 Fences shall be installed on all rear and side boundaries to the building frontage setback line, prior to occupation of the residence;
- 1.3.9 On corner lots, boundary fences visible from any road or access way shall be constructed of the same material as the exterior walls of the residence, or any other material approved by the Town of Bassendean which is in keeping with the overall approved design of the residence constructed on the Lot, to the specifications of the Town of Bassendean.
- 1.4 Building Design (Clause 3.2.7).
- 1.4.1 The guidelines require the development of buildings featuring:
- (i) External walls which have the appearance of being predominantly concrete, limestone, or clay bricks (in face work or render); and
 - (ii) Roofs of concrete or clay tiles, or Colourbond; and
 - (iii) Roofs with a pitch not less than 25 degrees.

- 1.4.2 The guidelines do not permit buildings, structures or improvements which utilise zincalume, zinc-aluminium coated steel or natural aluminium or aluminium coloured sheeting for roofing or wall cladding.
- 1.4.3 Dwellings on Lots 9, 10 and 11 shall be orientated towards Anzac Terrace.
- 1.4.4 Dwellings shall feature a carport or garage with provision for at least two motor vehicles side by side. Garages are required, and carports are encouraged, to be located under the main roof of the dwelling. Where a carport is not located under the main roof, it shall still be required to match or complement the residence in respect of the pitch of the roof, materials used, design, colour, external appearance and quality of construction.
- 1.4.5 Buildings, structures or improvements (including but not limited to alterations or additions to a residence) shall be complementary to the residence in respect of roof pitch, materials used, the design, external appearance including colour and the quality of construction;
- 1.4.6 Carports may be freestanding but shall be designed to complement the dwelling and shall be constructed of matching wall and roof materials;
- 1.4.7 Outbuildings with a floor area of 9m² or greater shall be constructed from materials which match the materials comprised in the residence.
- 2.0 Design Element 3 – Boundary Setbacks.
 - 2.1 Buildings Set back from the Boundary (Clause 3.3.1).
 - 2.1.1 Dwellings on Lots 5, 6, 7 and 8 shall be set back a minimum of 3 metres from the rear boundaries of those lots, as depicted on the Subdivision Guide Plan.

2.1.2 Structures on Lots 1, 2, 3 and 4 shall be set back a minimum of 10-metres from the river reserve boundary. The Town of Bassendean may, at its discretion and in consultation with the Swan River Trust, consider variation of this setback requirement.

2.1 Buildings Set back from the Boundary (Clause 3.3.1)

2.1.1 Dwellings on Lots 5, 6, 7 and 8 shall be set back a minimum of 3 metres from the rear boundaries of those lots, as depicted on the Subdivision Guide Plan;

2.1.2 Structures on Lots 1, 2, 3 and 4 shall be set back a minimum of 10 metres from the river reserve boundary. The Town of Bassendean may, at its discretion and in consultation with the Swan River Trust, consider variation of this setback requirement.

2.2 Buildings on Boundary (Clause 3.3.2)

2.2.1 Unless otherwise specified in these guidelines, dwellings may be built to a nil side setback, where that boundary is depicted as a 'Designated Nil Setback Boundary' on the Subdivision Guideline Plan at Annexure A;

2.2.2 Dwellings on Lots 4, 12 and 13 may have a maximum single storey wall built to a nil setback on the boundary abutting the Pedestrian Access Way (PAW), as depicted on the Subdivision Guideline Plan at Annexure A. Any proposed second-storey wall shall be set back from the boundary abutting the PAW in accordance with the Residential Design Codes;

3.0 Design Element 4 – Open Space

3.1 Open Space Provision (Clause 3.4.1).

3.1.1 Maximum site cover shall be in accordance with 'Table 1 –entitled 'Site Cover'. The applicant has provided a table showing each lot size together with a share of the common property lot. It has been calculated that the table set out in the proposed Guidelines would result in 55% site cover rather than the 50% permitted under the Residential Design Codes for land coded R25.

3.2 Landscaping Requirements (Clause 3.4.5).

- 3.2.1 All ground areas visible from the street (including but not limited to private roads, accessways and public roads) or to a neighbouring lot ('visible areas') shall be properly landscaped prior to occupation of the residence.
'Properly Landscaped' means all visible areas must be cleared and grassed, planted or otherwise covered with a beautifying surface, designed with due regard to water wise principles. Landscaped areas shall be watered by an automatic reticulated watering system.

4.0 Design Element 5 – Access and Car Parking

- 4.1 Vehicular Access (Clause 3.5.4)
- 4.1.1 Vehicular access to Lots 1, 9, 10 and 11 shall be obtained via the private roads only, and shall not be permitted directly from Anzac Terrace.
- 4.1.2 Garage/carport floors, driveways and crossovers shall be constructed and completed prior to occupation of the residence;
- 4.1.3 Driveway access points shall be a minimum of 4-metres and a maximum of 6-metres in width, and shall be set back not less than 0.5 metres from any side boundary.
- 4.1.4 Driveway access points shall be constructed to the kerb of the private road using brick paving or coloured concrete or any other material approved by the Town of Bassendean, which is in keeping with the overall approved design of the residence constructed on the Lot, to the specifications of the Town of Bassendean.

5.0 Design Element 10 – Incidental Development

- 5.1 Essential Facilities (Clause 3.10.3).
- 5.1.1 Adequate provision is to be made for storage of 2 standard rubbish bins. Bins shall be stored so as to be not visible from the street.



Policy Number: Local Planning Policy No. 11
Policy Title: Anzac Terrace Design Guidelines

1. Citation

This is a Local Planning Policy prepared under Schedule 2 of the *Planning and Development (Local Planning Schemes) Regulations 2015*. This Policy may be cited as Local Planning Policy No. 11 – Anzac Terrace Design Guidelines.

2. Policy Statement

This Policy been prepared to establish and protect both the amenity of the locality and individuals' investment in the subject site. The purpose of the Policy is to ensure the quality of the built environment is enhanced by the application of coordinated design principles. Specifically the Policy define standards to:

- Provide flexibility in the siting of dwellings;
- Ensure fencing promotes passive surveillance of public space, whilst also coordinating styles, materials and security; and
- Encourage and maintain quality design.

The Policy identifies the relevant State Planning Policy 7.3 – Residential Design Codes (R-Codes) provisions, including the associated clause. Applications that meet the Policy are deemed to meet the relevant design principle of the R-Codes.

3. Policy Objectives

To provide direction and clarity to developers, Council and the community on the application of the design elements, with regard to various elements of the R-Codes within the subdivision located at Anzac Terrace, Bassendean, as shown in Annexure A.

4. Application

The Policy applies to all land within the subdivision located at Anzac Terrace, Bassendean, as shown in Annexure A.

5. Definitions

Primary Street: *means, unless otherwise designated by the local government, the sole or principal public road that provides access to the major entry (front door) of the dwelling or building.*

Soft Landscaping: *means land developed with 'water wise' garden beds, shrubs and shade trees, but does not include artificial turf or hard landscape*

treatments such as brick paving, concrete, bitumen or car parking bays.

Visually Permeable: *means, in reference to a wall, gate, door, screen or fence that the vertical surface when viewed directly from the street or other public place has:*

- *Continuous vertical or horizontal gaps of 50mm or greater width occupying not less than one third of the total surface area;*
- *Continuous vertical or horizontal gaps less than 50mm in width, occupying at least one half of the total surface area in aggregate; or*
- *A surface offering equal or less obstruction to view.*

6. Policy Requirements

6.1 Street Setback (Clause 5.1.3 of the R-Codes)

- (a) Dwellings shall have a primary street set back of a minimum of 2.5 metres from any private road or access way.
- (b) Notwithstanding provision 6.1(a), any dwelling on Lot 1 shall be set back a minimum of 1.5 metres from the Anzac Terrace boundary.

6.2 Setback of Garages and Carports (Clause 5.2.1)

- (a) Notwithstanding any other provisions within this Policy, carports or garages shall be setback a minimum of 4.5 metres from the primary street (including private roads or public road), to enable two additional vehicles to park side by side between the carport/garage and the street without encroaching beyond the lot boundary.

6.3 Street Walls and Fences (Clauses 5.2.5 & 5.2.4)

- (a) Fencing to primary streets should generally be visually permeable whilst providing for privacy to outdoor living areas.
- (b) Unless otherwise specified in this Policy, side and rear fences may be solid up to a maximum height of 1.8 metres above the natural ground level.
- (c) Front fences shall not exceed 1.8 metres in height above the natural ground level.
- (d) Low front fences (less than 0.75 metres) may be open or solid.
- (e) Notwithstanding provision 6.3(b) above, fences within the primary street setback area (including private roads or a public road) and/or fencing to Lots 9, 10 and 11 abutting a street boundary (including a secondary street, private roads or a public road), and greater than 0.75 metres in height, shall be visually permeable, to permit identification of the property boundary without creating a barrier to the street or creating an internal security problem.

Fence forms such as brick or masonry piers with picket/wrought iron infill are acceptable. The solid portion of a high fence (greater than 0.75 metres overall height), except piers, shall not exceed 0.8 metres.

- (f) Side fences within the front setback must be no higher than the front fence and must be constructed of the same or matching materials.
- (g) The design of front fences should reflect the style and character of the dwelling located behind them.
- (h) Fibrous cement fencing is not permitted.
- (i) Fences shall be installed on all rear and side boundaries to the building setback line, prior to occupation of the residence.
- (j) On corner lots, boundary fences visible from any road or access way shall be constructed of the same material as the exterior walls of the residence, or any other material approved by the Town which is in keeping with the overall approved design of the residence constructed on the lot, to the satisfaction of the Town.

5.4 Building Design

- (a) Buildings are required to feature:
 - (i) External walls which have the appearance of being predominately concrete, limestone, or clay bricks (in face work or render);
 - (ii) Roofs of concrete or clay tiles, or Colourbond; and
 - (iii) Roof with a pitch not less than 25 degrees.
- (b) Buildings, structures or improvements, which utilise zincalume, zinc-aluminium coated steel or natural aluminium or aluminium coloured sheeting for roofing or wall cladding are not permitted.
- (c) Dwellings on Lots 9, 10 and 11 shall be orientated towards Anzac Terrace.
- (d) Dwellings shall feature a carport or garage with provision for at least two vehicles side by side. Garages are required, and carports are encouraged, to be located under the main roof of the dwelling.

Where a carport is not located under the main roof, it shall still be required to match or complement the residence in respect of the pitch of the roof, materials used, design, colour, external appearance and quality of construction.

- (e) Buildings, structures or improvements (including but not limited to alterations or additions to a residence) shall be complementary to the residence in respect of roof pitch, materials used, the design, external appearance including colour and the quality of construction.
- (f) Carports may be freestanding but shall be designed to complement the dwelling and shall be constructed of matching wall and roof materials.

- (g) Outbuildings with a floor area of 9m² or greater shall be constructed from materials, which match the materials comprised in the residence.

5.5 Boundary Setbacks (Clause 5.1.3)

- (a) Each dwelling may feature a dwelling built to a nil side setback on one boundary, to a maximum of two-storeys as per Annexure A. Any additional levels above the second storey should be designed to comply with the setback provisions of the R-Codes. A specified setback will also apply along the Swan River and Anzac Terrace frontages, to protect the streetscape and maximise opportunities for preservation of the foreshore.
- (b) Unless otherwise specified in this Policy, dwellings may be built to a nil side setback, where that boundary is depicted as a 'Designated Nil Setback Boundary' on Annexure A.
- (c) Dwellings on Lots 4, 12, and 13 may have a maximum single storey wall built to a nil setback on the boundary abutting the Pedestrian Access Way (PAW), as depicted on Annexure A. Any proposed second storey wall shall be setback from the boundary abutting the PAW in accordance with the R-Codes.
- (d) Dwellings on Lots 5, 6, 7 and 8 shall be setback a minimum of 3.0 metres from the rear boundaries of those lots, as depicted on Annexure A.
- (e) Structures on Lots 1, 2, 3 and 4 shall be setback a minimum of 10 metres from the river reserve boundary. The Town may, at its discretion and in consultation with the Swan River Trust, consider variation of this setback requirement.

5.6 Open Space and Landscaping (Clauses 5.1.4 & 5.3.2)

- (a) Maximum site cover shall be in accordance with Table 1 of the R-Codes.
- (b) All ground areas visible from the street (including but not limited to private roads, access ways and public roads) or to a neighbouring lot ('visible areas') shall be soft landscaped prior to the occupation of the residence.
- (c) Landscaped areas shall be watered by an automatic reticulated watering system and shall be maintained by the landowner.

5.7 Access and Car Parking (Clauses 5.3.3, 5.3.4 & 5.3.5)

- (a) A minimum of four car bays is required to be provided for each dwelling. Carports and garages should be designed to complement the dwelling and be set back the required distance from street boundaries.
- (b) Vehicular access to Lots 1, 9, 10 and 11 shall be obtained via the private roads only, and shall not be permitted directly from Anzac Terrace.
- (c) Garage/carport floors, driveways and crossovers shall be constructed and completed prior to occupation of the residence.
- (d) Driveway access points shall be a minimum of 4.0 metres and a maximum of 6.0 metres in width, and shall be setback not less than 0.5 metres from any side boundary.

- (e) Driveway access points shall be constructed to the kerb of the private road using brick paving or coloured concrete or any other material approved by the Town, which is in keeping with the approved design of the residence constructed on the Lot, to the specifications of the Town.

5.8 Utilities and Facilities (Clause 5.4.4)

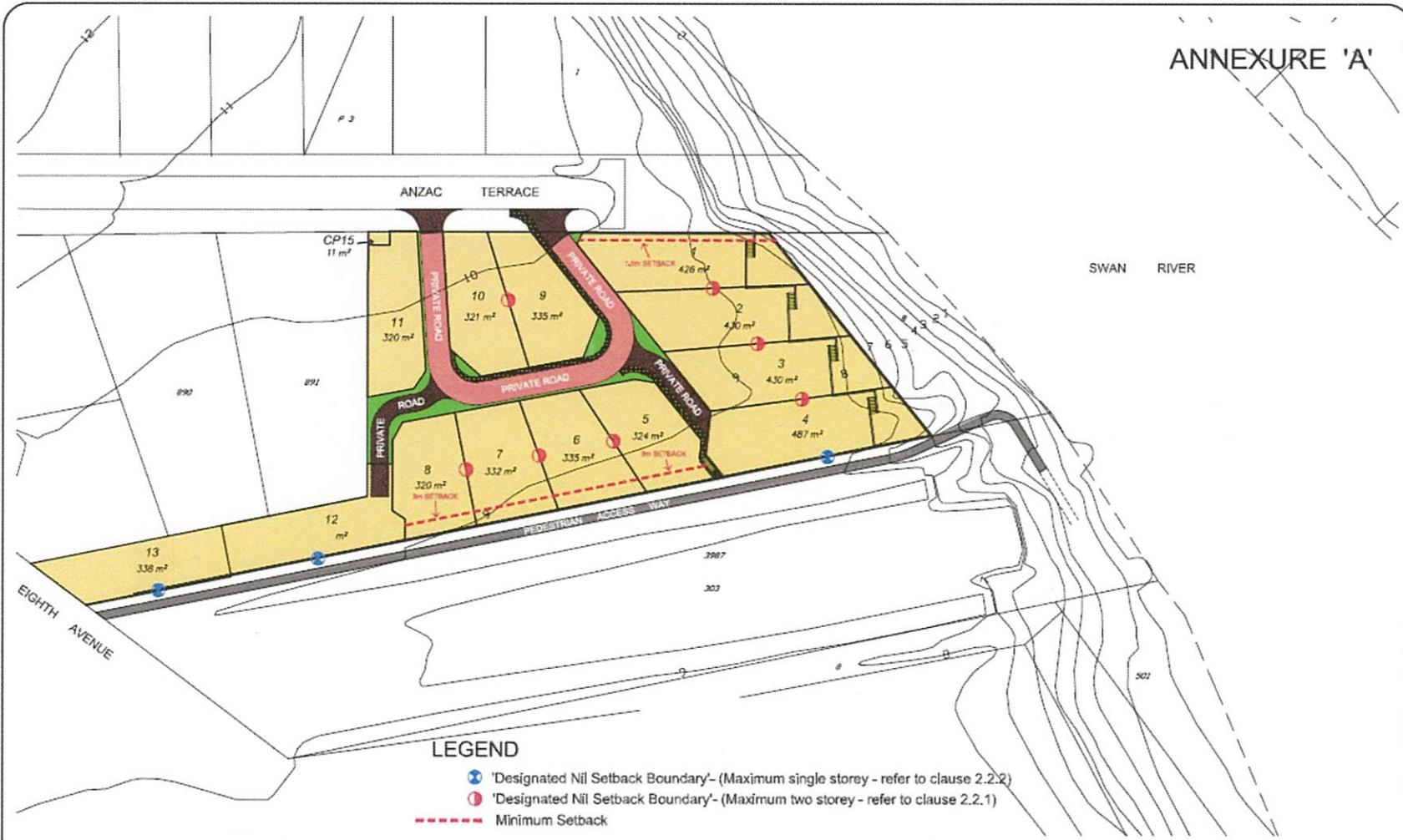
- (a) Adequate provision is to be made for storage of three rubbish bins. Bins shall be stored as to be not visible from the street or riverfront.
- (b) An enclosed, lockable storage area, constructed in a design and material matching the dwelling, accessible from outside the dwelling or located within a garage, with a minimum dimension of 1.5m (or 1.0m within a garage) with an internal area of 4m², shall be provided for each dwelling. The storage area shall be separate to the bin storage area required under provision 5.8(a).
- (c) Adequate provision is to be made for clothes drying facilities. Clothes drying areas are not to be visible from the street or the riverfront.

Document Control

Directorate	Community Planning
Business Unit	Development and Place
Inception Date	[Insert OCM RESOLUTION NO & DATE]
Version	
Next Review Date	2022

Annexure A – Subdivision Guideline Plan

ANNEXURE 'A'



SUBDIVISION GUIDELINE PLAN
 LOT 301 (1) ANZAC TERRACE
 BASSEMANDEAN

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ATTACHMENT NO. 4

ORDINARY COUNCIL MINUTES

24 APRIL 2018

11.0 MOTIONS OF WHICH PREVIOUS NOTICE HAS BEEN GIVEN

11.1 Notice of Motion – Cr McLennan: Tree Preservation Order - 248 Morley Drive East

COUNCIL RESOLUTION – ITEM 11.1

OCM - 36/04/18 MOVED Cr McLennan, Seconded Cr Hamilton, that Council commences the process of implementing a preservation order over the mature tree located on the north-west boundary of Lot 4 (No. 248) Morley Drive East, Eden Hill, in accordance with the provisions of Clause 5.7.7.2 of Local Planning Scheme 10.

CARRIED 5/1

Crs McLennan, Hamilton, Cr Wilson, Mykytiuk and Quinton voted in favour of the motion. Cr Gangell voted against the motion.

Our reference: AC:MXS:200176

13 March 2020

Town of Bassendean
C/- Cameron Hartley
PO Box 87
Bassendean WA 6934

By email: chartley@bassendean.wa.gov.au

Dear Mr Hartley

Tree Preservation Order - 248 Morley Dve East, Eden Hill

We act for Birmingham Properties Pty Ltd (**Birmingham**) in relation to the above matter.

We refer to your email dated 28 February 2020.

We are instructed that Birmingham is currently in negotiations with the Town of Bassendean to develop 248 Morley Drive East, Eden Hill (**Property**). Birmingham have scheduled a briefing session with the Town of Bassendean on 17 March 2020 prior to their Ordinary Council Meeting on 24 March 2020. The development and design plans for the Property are reliant on the outcome of these meetings.

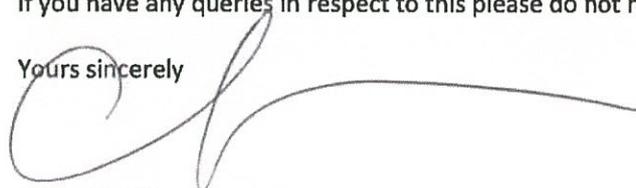
This development is expected to contribute to the aesthetics of the area and will enhance the amenity of the surrounding community including the streetscape to Ivanhoe Street, Morley Drive East and the adjacent parklands. The trees that are subject to the Tree Protection Orders are currently being considered in the development plans.

Birmingham requests that the decision of the Tree Preservation Orders be delayed until the development has been decided upon as it may be that the removal of the trees may be required for the enhancement of the amenity to Ivanhoe Street. Birmingham will then be able to provide the Town of Bassendean an appropriate response and evaluation of the effect of the Tree Preservation Orders.

Birmingham requests a one month extension, being 14 April 2020, to allow time for this evaluation and response.

If you have any queries in respect to this please do not hesitate to contact me.

Yours sincerely



Anton Conti
Head of Practice - Property & Franchising
aconti@cullenmacleod.com.au

26th February 2020

Cameron Hartley
Planning Officer
Town of Bassendean
PO Box 87
BASSENDEAN WA 6934



Dear Cameron,

ARBORICULTURAL ASSESSMENT AT 248 MORLEY DRIVE EAST EDEN HILL

Please find enclosed the results of the arboricultural assessment undertaken recently for the three trees located at 248 Morley Drive East, Eden Hill.

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,

A handwritten signature in black ink, appearing to read 'BB', is located below the text '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 summarise the results of the walkby arboricultural assessment of the three mature trees (mixed species) located at 248 Morley Drive East, Eden Hill. The site visit and visual tree assessments were undertaken from ground level on the 10th February 2020 and were accurate at the time of inspection. No soil excavation, below ground inspection or detailed tree assessment was undertaken unless specified, and the assessment where undertaken outside the boundary fence only. Viewing conditions were fine. Concern has been raised regarding tree condition and the potential for a Tree Preservation Order/s as per the Town of Bassendean Local Planning Scheme No. 10.

1.3 Executive Summary

- 1.4 The local/ Australian native trees identified within this report provide a range of benefits to the ecosystem, to human beings for environmental and health reasons, and to the climate. The assessment has identified a satisfactory structural condition for the assessed trees whilst tree vitality (health condition) was assessed predominantly as high, indicative of the capacity of the trees to maintain and/ or improve the current condition through self-optimization and the production of response growth (new wood) to maintain strength. Remedial pruning works recommended, where pedestrian frequency is expected to increase within the dripline of the trees, includes deadwooding to remove the large dead and broken branches, and crown lifting to improve clearance.
- 1.5 Based on my site visit and observations, I believe both tree number two and tree number three to be of outstanding size and subsequent significance. Both trees provide a wide range of benefits and consideration could be given to a tree preservation order, with the local native flooded gum (tree number three) providing significant habitat, food source and roost site to assist a range of local fauna.

2.0 Site Investigation

2.1 Tree Locations

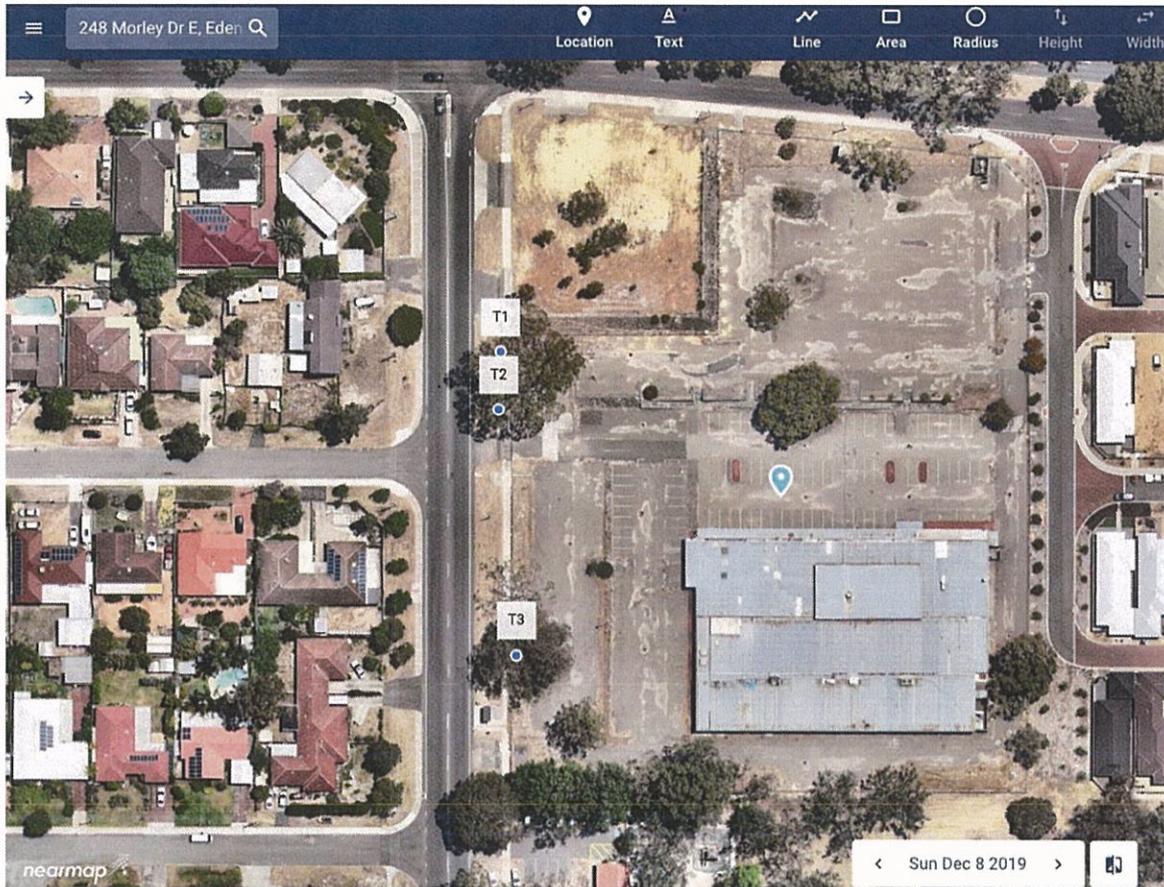


Figure 1. Aerial photo of site with the tree numbering T1-3 allocated to the three trees adjacent to the western property boundary at 248 Morley Drive East, Eden Hill.

Tree Number: 1	Botanical Name: <i>Eucalyptus camaldulensis</i>
Common Name:	river red gum
Location:	4.3m east of fence
Height:	14m
DBH:	90cm (approx.)
Crown Spread (NS/EW):	14/ 12m
Structure:	Fair
Health:	Average
Comments:	Adequate trunk basal flare evident, no significant trunk defects or decay visible, codominant stems observed however adequate space for normal secondary thickening observed, trunk lean was natural approximately 20° from vertical and towards the north attributable to the close proximity of the large mature tree on the south side, naturally occurring dead branches to approximately 100mm diameter were observed and predominantly within the lower crown and are likely attributable to reduced sunlight to foliage, no compromised branch unions were visible and whilst rubbing branch conflicts were evident within the middle crown the friction damage is likely to be minor only, foliage size and colour was normal however density was reduced
Recommendations:	Undertake deadwooding to remove the dead branches greater than 50mm diameter where occupancy (people and property) increases within the fall zone of the tree, undertake minor crown lifting to approximately 3m to improve clearance



Figure 2. Tree number one (see arrow); looking towards the southwest.



Figure 3. Trunk lean was natural and towards the north, attributable to the close proximity of the large mature tree on the south side; looking towards the east.

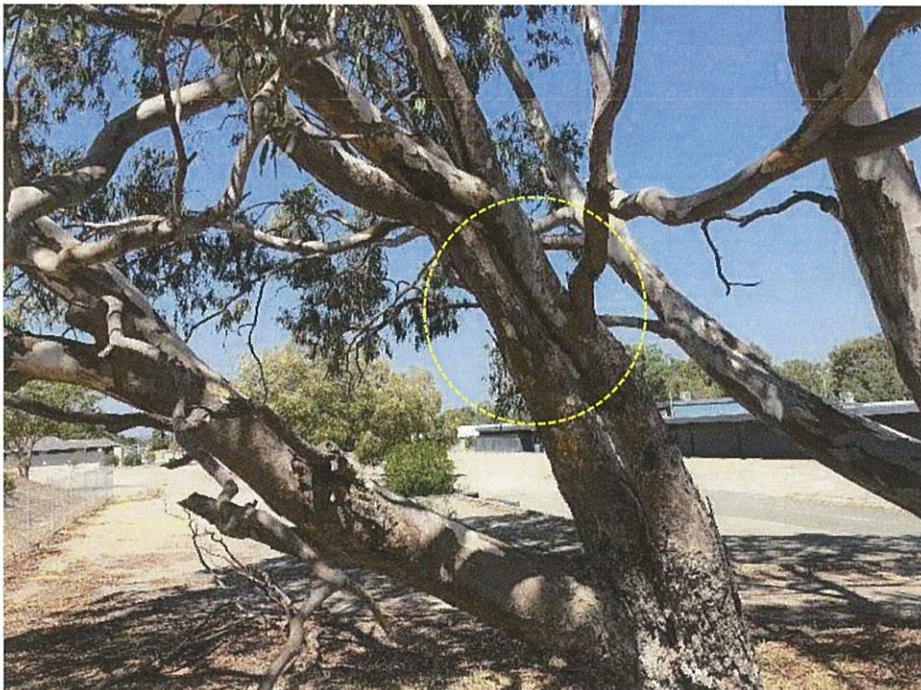


Figure 4. Rubbing branch conflicts were evident (see dashed line) within the middle crown of the tree however the friction damage is likely to be minor only; looking towards the east.

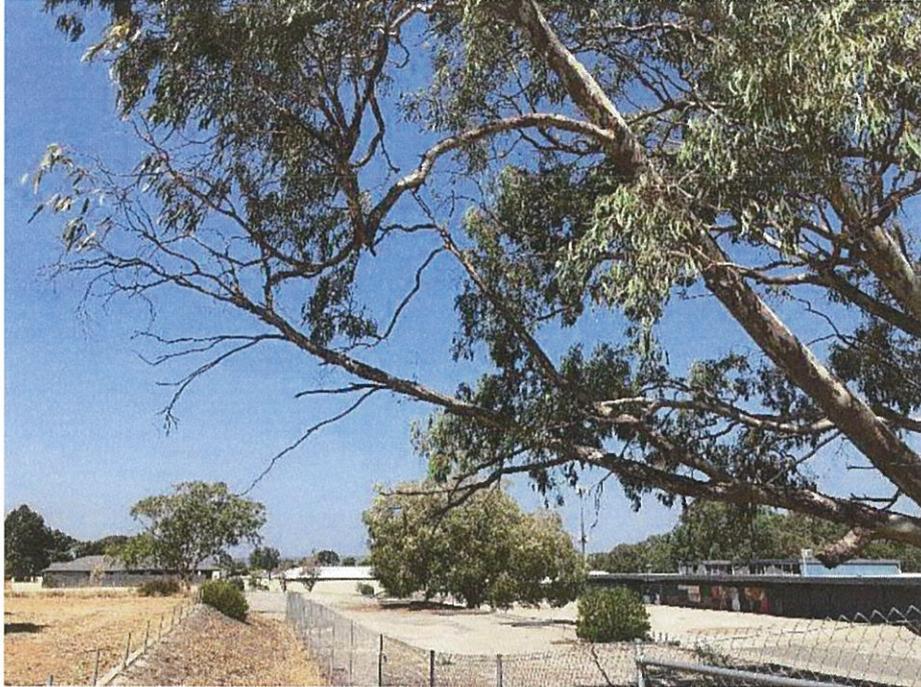


Figure 5. Naturally occurring dead branches were observed and predominantly within the lower crown and are likely to occurred due to shading of the foliage; looking towards the east.

Tree Number:	2	Botanical Name:	<i>Eucalyptus camaldulensis</i>
Common Name:	river red gum		
Location:	4.2m east of fence		
Height:	33m		
DBH:	120cm		
Crown Spread (NS/EW):	26/ 26m		
Structure:	Good		
Health:	High		
Comments:	Adequate trunk basal flare evident, no significant trunk defects or decay visible, codominant stems observed however adequate space for normal secondary thickening evident, naturally occurring dead branches to approximately 80mm diameter were observed predominantly within the internal part of the crown, rubbing branch conflicts were evident however friction damage is likely to be minor, foliage size colour and density were normal		
Recommendations:	Undertake deadwooding to remove the dead branches greater than 50mm diameter where pedestrian frequency is expected to increase within the dripline		

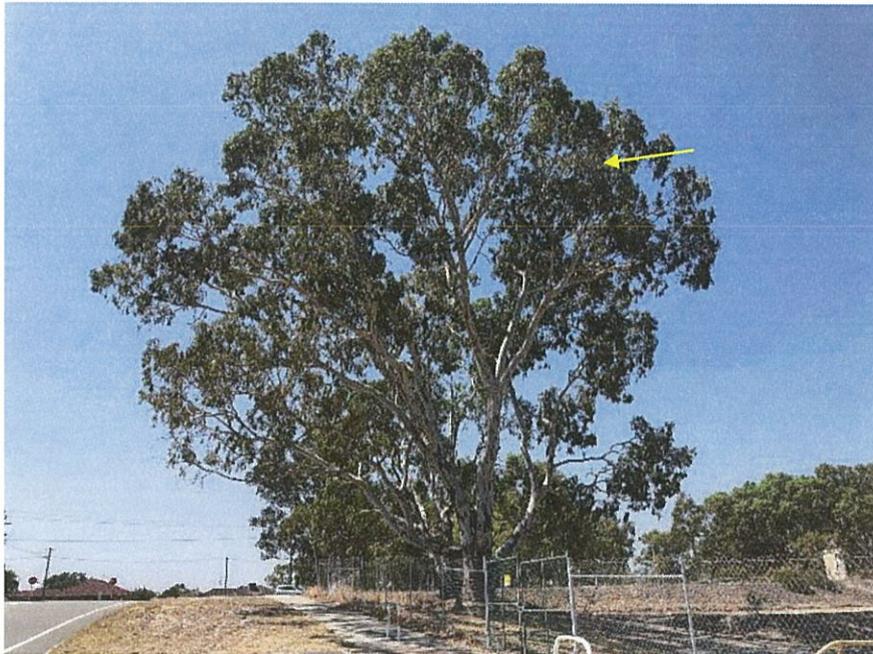


Figure 6. Tree number two (see arrow); looking towards the northeast.



Figure 7. Adequate trunk basal flare was evident and no significant trunk defects or decay was visible; looking towards the east.

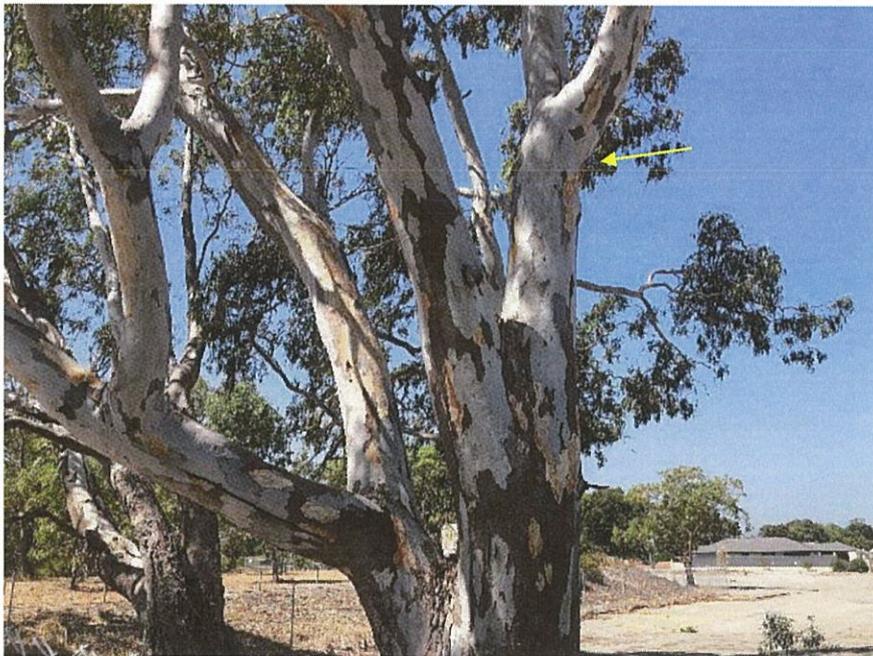


Figure 8. Codominant stems were observed typical for the species however no structurally compromised stem unions were evident; looking towards the northeast.



Figure 9. Rubbing branch conflicts were evident (see arrow) within the middle crown however the friction damage is likely to be minor only; looking towards the northeast.

Tree Number: 3	Botanical Name: <i>Eucalyptus rudis</i>
Common Name:	flooded gum
Location:	1.7m east of fence
Height:	24m
DBH:	120cm
Crown Spread (NS/EW):	19/ 19m (approx.)
Structure:	Good
Health:	High
Comments:	Adequate trunk basal flare evident, no significant trunk defects or decay visible, codominant stems observed however adequate space for normal secondary thickening evident, naturally occurring dead branches to approximately 100mm diameter were observed predominantly within the internal part of the crown, rubbing branch conflicts were evident however friction damage is likely to be minor, foliage size colour and density normal with minor psyllid infestation on lower leaves typical for the species and age class of tree, minor low branches visible

Recommendations: Undertake deadwooding to remove the dead branches greater than 50mm diameter where pedestrian frequency is expected to increase within the dripline (retain short hollow sections and/ or stubs where possible for wildlife functions), undertake crown lifting to approximately 3m above ground level to improve clearance within the dripline - removing small diameter branches only where possible



Figure 10. Tree number three (see arrow); looking towards the east.



Figure 11. Adequate trunk basal flare was evident and no significant trunk defects or decay was visible; looking towards the southeast.

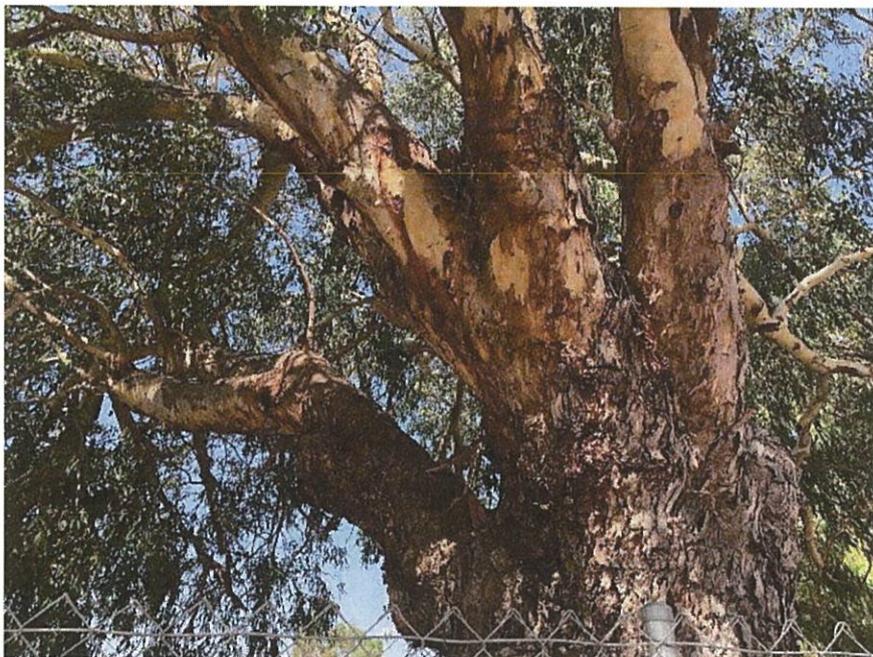


Figure 12. Codominant stems were observed that are typical for the species however no structurally compromised stem unions were evident; looking towards the east.



Figure 13. Naturally occurring dead branches to approximately 100mm diameter were observed (see arrow) including several broken and lodged branches throughout the middle and lower crown; looking towards the northeast.

2.2 Tree Valuation

2.3 Tree appraisal using the "*The (Revised) Burnley Method of Amenity Tree Evaluation*" (Moore, 2006) was undertaken. The formula has been developed for Australian trees and is as follows:

Appraised value = base value × tree volume × life expectancy × form and vigour × location.

Tree number 1

- \$79 (base value)
- 613m³ (tree volume)
- 0.9 (life expectancy: 40-49yrs)
- 0.7 (form and vigour: good vigour with average form)
- 0.8 (location: minor problems)

Amenity tree value: \$24,407

Tree number 2

- \$79 (base value)
- 5782m³ (tree volume)
- 0.9 (life expectancy: 40-49yrs)
- 0.75 (form and vigour: good vigour with good form)
- 0.8 (location: minor problems)

Amenity tree value: \$246,660

Tree number 3

- \$79 (base value)
- 2245m³ (tree volume)
- 0.9 (life expectancy: 40-49yrs)
- 0.75 (form and vigour: good vigour with good form)
- 0.8 (location: minor problems)

Amenity tree value: \$89,386

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. Severance of the large diameter woody roots within the structural root zone (the root plate area immediately adjacent to the tree and generally determined as trunk diameter x 5) can compromise tree stability and must be avoided. It can also result in the loss of a significant proportion of the fine, water-absorbing roots, subsequently placing considerable stress on the tree in the short term and may initiate a decline in health condition and/ or tree mortality. The severance of large diameter roots also provides an entry opportunity for infection by wood decay fungi and infestation by wood-destroying insects, increasing the potential for the degradation of wood tissue at the root collar and trunk basal area and compromising tree stability in the long term.

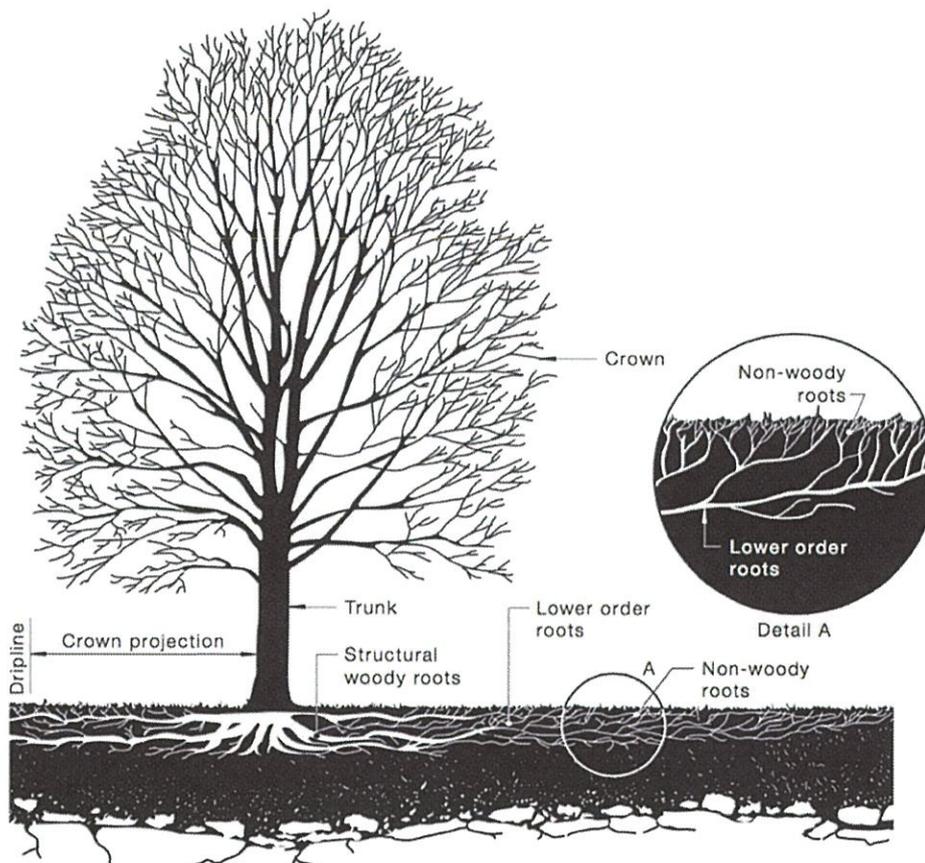


Figure 14. Typical tree structure above and below ground for cultivated urban trees, with rootplate development predominantly lateral and close to the soil surface due to the requirement of oxygen and nutrients. Source: AS4970-2009: Protection of Trees on Development Sites.

3.3 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.

3.4 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.

3.5 Recommendations (Pruning Options)

3.6 Tree number 1

- Undertake deadwooding and crown lifting

3.7 Tree number 2

- Undertake deadwooding

3.8 Tree number 3

- Undertake deadwooding and crown lifting

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 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.
- 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.
- 4.8 Reduction prune – pruning to reduce the extension of a branch, back to a lateral branch that is at least one-third the diameter of the branch being removed.
- 4.9 Root collar – area at the base of the tree where the roots and trunk merge.
- 4.10 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.
- 4.11 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.
- 4.12 Tree Protection Zone (TPZ) – the zone of the root plate most likely to contain roots that are critical for anchorage and stability (structural root zone – SRZ, generally calculated as trunk diameter x 5) and the absorbing roots responsible for the uptake of water and nutrients collectively; calculated as trunk diameter (DBH) x 12.
- 4.13 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.

4.15 Tree Structure and Health

4.16 The structural condition ('Structure') for each tree or group of trees has been assessed using the following qualitative criteria:

- Good – generally free of structural defects
- Fair – defects evident that may be typical for the species and age class, and which could be corrected through remedial pruning works
- Poor – significant defects that are not likely to be corrected through remedial pruning or arboricultural works
- TBA – to be assessed, requiring further investigation/ time to evaluate tree structural condition

4.17 The vitality ('Health') for each tree or group of trees has been assessed using the following qualitative criteria:

- High – consistent crown density and foliage colour, good shoot extension and an insignificant number of naturally-occurring internal dead branches
- Average – crown condition that may be representative for the species and/or seasonal, possessing satisfactory shoot extension and/ or minimal decline and dead branches
- Low – poor shoot extension, sparse crown density and not likely to be corrected through improvement of site resources and plant nutrition
- Moribund – final stages of a decline spiral

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®
ABN: 51925884945
Post Office Box 104 DARLINGTON W.A. 6070
M: 0438 936 679
E: info@bowdentree.com.au
W: www.bowdentree.com.au

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

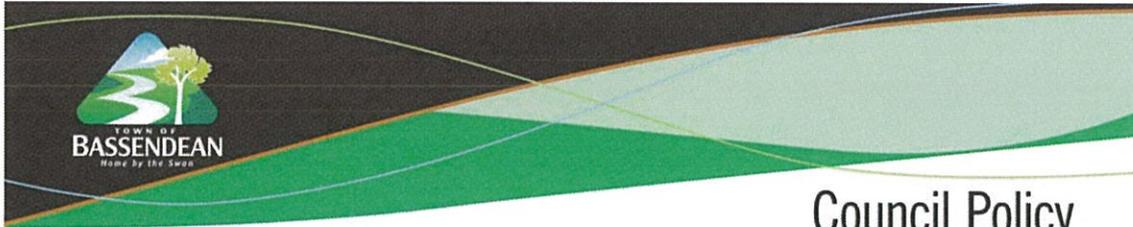
5.20 Mattheck, C., & Breloer, H. (1994). *The Body Language of Trees - A Handbook for Failure Analysis*. London, England: The Stationery Office.

5.20 Moore, G.M. (2006). *Revised Burnley Method of Urban Tree Valuation*. Sourced: <http://tinyurl.com/gnspd66>

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

ATTACHMENT NO. 5



1.15 Design Review Panel Policy - Town Of Bassendean

Objective

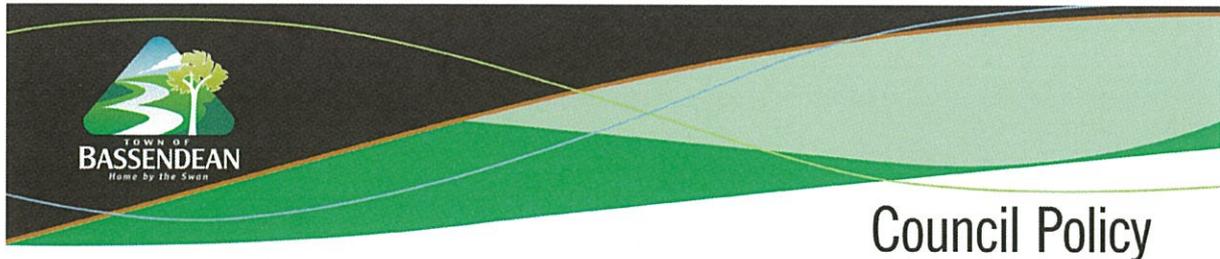
To provide Council with high level, independent expert advice and expertise on urban design, architecture, landscape design, sustainability and heritage in relation to significant development applications.

Strategy

The panel shall act in an advisory capacity on specified proposals with respect to development meeting the Town's objectives with particular reference to those of the Town Centre Area Strategy, and residential development three stories and above in height in residential areas. The advice provided to Council should encompass the following:

- The merits of the Architectural design including its relationship to the adjoining development;
- Impact of the design on the broader public realm and streetscape;
- How the proposal would affect the character of the locality, including impacts upon heritage structures and place of cultural heritage significance including natural features.
- The extent to which the proposal is designed to be resource efficient, climatically appropriate, responsive to climate change and a contribution to environmentally sustainability;
- The demonstration of best practice urban design including CPTED performance, protection of important view corridors and lively civic places.

To examine the plans of all development proposals referred to them, and provide professional and technical advice to the applicant and the Town's Development Services in relation to matters relating to urban design, architecture, landscape design, sustainability or heritage.



Membership

EXTERNAL MEMBERS

The Town of Bassendean Design Review Panel (DRP) shall comprise of 4 external members and 1 deputy member approved by Council.

The Town will seek to appoint members who are able to demonstrate:

- A demonstrated high level of expertise and knowledge in their particular field of architecture, urban design, landscape architecture, sustainability or heritage;
- The relevant skills and experience to provide independent expert advice in regard to significant urban design, place making; and
- Current registration or eligibility for registration with their relevant professional body is essential.

SELECTION

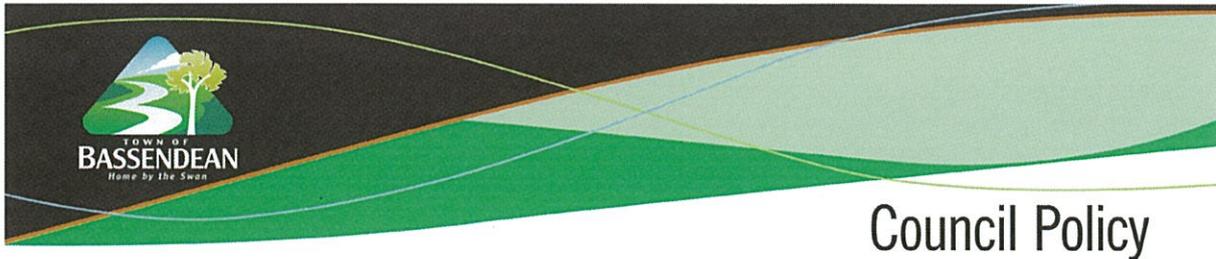
Members of the DRP can be either nominated by the CEO and/or selected from a pool following public advertising in a local newspaper and the Town's website.

ROLE AND SCOPE OF THE PANEL

The Review panel provides advice only. It has no powers or authority, whether by delegation or otherwise, to make decisions or approve applications which have been referred to them.

In respect of any item under consideration at a meeting, the Panels' comments are restricted to Council and are not entitled to comment on behalf of the Town or provide comment to the media.

The DRP is not to provide advice directly to an applicant in respect of any item under consideration at a DRP.



APPLICATIONS TO BE REFERRED TO THE DRP

The following applications for planning approval for proposed development (Development Applications) in the following categories are to be referred to the DRP for their consideration and comment:

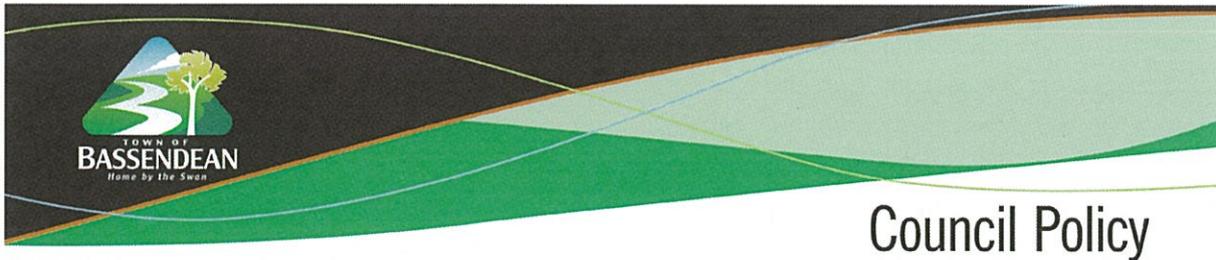
1. Commercial development directly abutting land zoned residential; and Development, not of the kind referred to in items (a-c) above, but which, in the opinion of the Chief Executive Officer or Council, is contentious or likely to be of significant community interest;
2. Redevelopment of site within the Town Centre Area.
3. Non-residential development which, in the opinion of the delegated officer, is likely to have a significant impact on the City;
4. Residential development which is three storeys or 9.0 metres high or higher, or comprises 10 or more dwellings;
5. Development which, in the opinion of the CEO may be contentious or likely to be of significant community interest; and
6. Minor development proposals which, in the opinion of the delegated officer, should be referred to the DAC due to unusual or unconventional design elements.

DESIGN REVIEW PANEL PROCESS

Where the DRP recommendations are accepted by the applicant, the Planning Application will be determined in accordance with standard practices. Where the recommendations have not been accepted by the applicant, the issue shall be referred to Council for determination.

Officers are to circulate agendas including plans and preliminary Officer comments to DRP at least 10 days prior to the meeting.

DRP members are to review plans and undertake site inspections as required.



MEETING PROCEDURES

Meetings

DRP meetings may be convened at the discretion of the Chief Executive Officer.

Members will be required to provide sufficient notice of their inability to attend their scheduled meetings so that the Town is able to arrange for another member to take their place.

Quorum

A quorum for the meeting of the DRP will be three (3) voting members. If a quorum cannot be achieved, the deputy member shall be called on to make a quorum.

Chairperson

The Council appointed Chairperson will preside at all meetings. In the absence of the Chairperson, a person elected by the DRP will assume the Chair.

Agendas

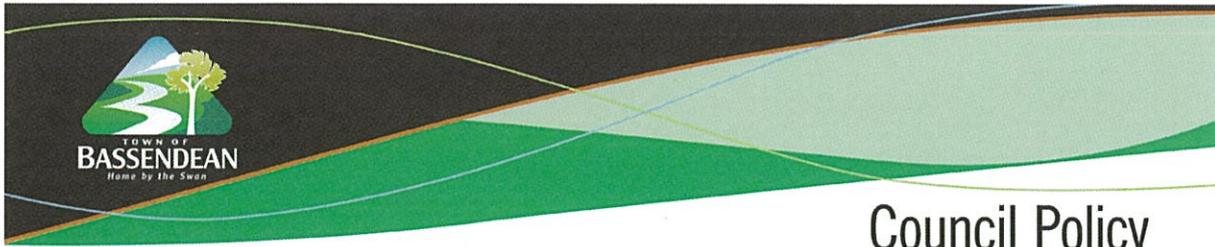
Agendas will be distributed to all members at least five (5) working days in advance of meeting dates. The Agendas are to provide only descriptive headings of items to be discussed.

Detailed plans of the proposal will be distributed to Committee members at least five (5) working days in advance of the meeting dates.

Minutes

The Minutes of the DRP shall record consensus agreement on actions and any points of agreement/disagreement. They will not reflect verbatim discussion on issues or matters discussed during debate prior to consensus agreement being reached. At the end of each meeting, the Town's Officer in attendance will read out the agreed actions and any points of agreement to the meeting to ensure they are accurately reflected to the consensus view.

Minutes of meetings will be prepared by the and distributed to members within seven (7) working days after the date of the meeting.



Council Policy

Formal recommendation to the Town, where appropriate reflecting the views of the majority of members present at the meeting.

Additional informal comment conveying the views of individual members, which may be included at the request of any member, is subject to the approval of the Manager Development Services.

The DRP will endorse circulated minutes and proposed design recommendations. A copy of the minutes are to be retained for record purposes, and a copy provided to the applicant. Minutes are to be incorporated into the Officer's report to Council or the Development Assessment Panel.

CODE OF CONDUCT AND TENURE

The Town's Code of Conduct shall apply to members of the Advisory Committee.

All Advisory Committee members shall be required to declare any conflicts of interest in matters being considered by the Committee.

A copy of the Council's Code of Conduct will be provided to each member upon their appointment.

The Town's Chief Executive Officer is available to provide any assistance or guidance concerning the Code of Conduct or any matters of interest.

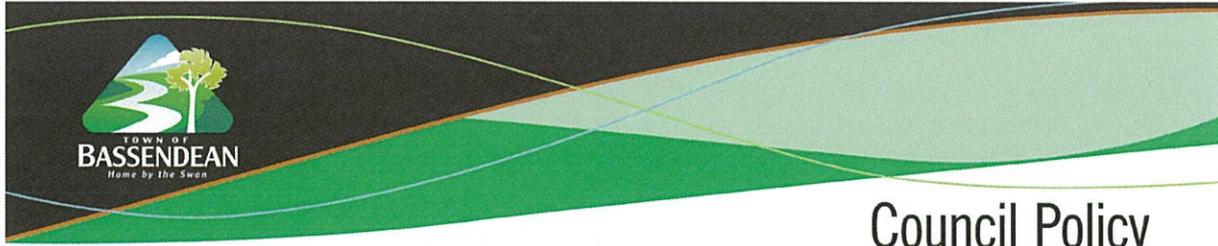
Insurances

The Town will arrange all insurance to cover Advisory Committee members whilst discharging their normal course of duty, including travel to and from the meeting.

Tenure of Appointment and Vacancies

The Council will appoint members to the Design Review Panel including the prescribed term and any conditions.

Membership is normally for a period of two (2) years from the period of the ratification of the Design Review Panel by the Council. Membership of the Committee terminates if a member fails to attend three (3) consecutive meetings of the DRP, his/her appointment shall be automatically terminated, unless Leave of Absence has been granted and approved by the DRP. The Chief Executive Officer shall advise any member, in writing, when their membership of a Committee is terminated.



If a member’s conduct, action or comments brings the Town of Bassendean into disrepute, Council may terminate the appointment of any member prior to the expiry of his/her term.

Members filling a vacated position will hold that position for the remainder of the two (2) years duration of the convened DRP, as approved by the Council.

Application

Responsibility for the implementation of this policy rests with the Mayor, Councillors, Council delegates and Chief Executive Officer. The Policy is to be reviewed every three years.

<p>Policy Type: Strategic Policy</p>	<p>Responsible Officer: Chief Executive Officer and Manager Development Services</p>
<p>Link to Strategic Community Plan: Town Planning and Built Environment</p>	<p>Last Reviewed: March 2014 Version 2 Next Review due by: December 2016</p>

Policy Number: **xx**
Policy Title: **Design Review Panel**

1. Citation

This is a Local Planning Policy prepared under Schedule 2 of the *Planning and Development (Local Planning Schemes) Regulations 2015*. This Policy may be cited as Local Planning Policy **xx** – Design Review Panel.

2. Policy Statement

To detail the types of proposals required to be subject to formal Design Review and to formalise the arrangement with the City of Bayswater in relation to its Design Review Panel (DRP).

3. Application of Policy

This Policy applies to the following proposals or applications for development approval:

- (a) Residential, Commercial and/or Mixed Use proposals on land zoned Town Centre.
- (b) All developments that are subject to *State Planning Policy No. 7.3 - Residential Design Codes Volume 2 - Apartments*.
- (c) Residential, Commercial and/or Mixed Use proposals that have a height of, or greater than, three storeys or 9.0 metres.
- (d) Residential proposals comprising eight or more grouped dwellings.
- (e) Any other proposal, application, planning matter or project that the Town considers may be of a complex or contentious nature and/or likely to be of significant community interest and/or where it is considered it will benefit from formal design review.

4. Objectives

- (a) To acknowledge the agreement between the Town of Bassendean and the City of Bayswater relating to the use of the City of Bayswater DRP to undertake design review of proposals and applications for land within the Town of Bassendean.
- (b) To improve the design quality and functionality of new development within the Town through independent expert advice.
- (c) To outline the matters to be considered by the DRP when providing design advice on Development Applications and other planning proposals.

5. Policy

- 5.1 Proposals and applications on land within the Town of Bassendean are to be considered by the City of Bayswater DRP as if it were a Town of Bassendean DRP.
- 5.2 The DRP does not make, nor should its advice be conceived to imply, a decision on, or approval of a Development Application. The Town or relevant Responsible Authority is not bound by advice given by the DRP but shall give due regard to the advice provided by the DRP.
- 5.3 The DRP shall deal with matters which have been referred to the DRP for comment and provide advice consistent with the objectives, intent and provisions of Town of Bassendean Local Planning Scheme, policies, strategies and any other relevant planning requirement.
- 5.4 The general functioning of the DRP will be as per the City of Bayswater DRP Terms of Reference; available at <https://www.bayswater.wa.gov.au/online-services/forms-and-publications/information-sheets/2019/city-of-bayswater-design-review-panel-terms-of-ref>

Document Control

Directorate	Community Planning
Business Unit	Development and Place
Inception Date	[Insert OCM RESOLUTION NO & DATE]
Version	
Next Review Date	2022

Terms of Reference

City of Bayswater Design Review Panel (1/7)

The role of design review in the planning system

Integrating design review into the planning system is a key component of the implementation and operation of State Planning Policy 7.0 Design of the Built Environment, as well as the State's 'Better Places and Spaces: a policy for the built environment in Western Australia' (adopted 2013).

Good design should be indivisible from good planning if better buildings and places are to result.

State Planning Policy 7.0 Design of the Built Environment includes performance-based design principles, which provide a guide to achieving good design, and the means for evaluating the merit of proposed solutions through design review, which uses professionals with appropriate levels of design expertise.

Performance-based design principles identify the objectives to be met without prescribing how to achieve them. Design review is an essential component of this approach, as qualitative assessment is required to determine whether the required performance outcomes have been achieved in a given proposal.

This approach provides flexibility for developers to deliver improved project and site-specific outcomes as well as benefits for the broader community. It provides latitude for skilled and experienced designers to pursue innovative solutions. It also offers the opportunity for efficiency, allowing for solutions to be considered collaboratively, and generally enabling a smoother determination phase following the submission of an application. Skilled and experienced designers, working collaboratively with expert reviewers, typically require fewer design reviews.

Ten principles of effective design review

For design review to be effective, it must be resourced appropriately and conducted in a manner that is fair, robust and credible. The following 'best practice' principles of design review should be used to guide the review process and set an appropriately high standard of conduct from panel members.

Design review should be:

Independent – It is conducted by people who are not connected with the proposal's promoters and decision-makers and ensures that conflicts of interest do not arise.

Expert – It is carried out by suitably trained people who are experienced in design and know how to critique constructively. Review is usually most respected when it is carried out by professional peers of the project designers, because their standing and expertise will be acknowledged.

Multi-disciplinary – It combines the different perspectives of architects, urban designers, planners, landscape architects, engineers and other specialist experts to provide a complete, rounded assessment.

Accountable – The Design Review Panel, and the advice that it provides to the local government (or other approval authority) must be clearly seen to work for the benefit of the community.

Transparent – The Design Review Panel's remit, membership, governance processes and funding should always be in the public domain.

Proportionate – It is used on projects whose significance (either at local or State level) warrants the investment needed to provide the service.

Timely – It takes place as early as possible in the design process, because this can avoid a

Terms of Reference

City of Bayswater Design Review Panel (2/7)

great deal of wasted time. It also costs less to make changes at an early stage.

Advisory – The Design Review Panel does not make decisions, but it offers impartial advice that informs recommendations to the people who do.

Objective – It appraises proposals according to measures that are reasoned and objective, rather than the stylistic tastes of individual panel members.

Accessible – The recommendations arising from design review are clearly expressed in terms that design teams, decision-makers and the community can all understand and make use of.

Role description

The role of a Design Review Panel (DRP) is to provide independent, impartial, expert design advice:

- to proponents and local government officers on the design quality of proposals
- to decision-makers (State and City of Bayswater, Development Assessment Panels, the State Administrative Tribunal) on eligible development applications or other proposals
- to local governments, where requested, on strategic policy, master plans, precinct plans, local development plans, structure plans, activity centre plans, local planning schemes and amendments or other matters

Reviews will be undertaken in accordance with the model process outlined in the State's **Design WA: Design Review Guide**.

The 10 design principles from the State Planning Policy 7.0 Design of the Built Environment will be used as the basis for design review.

Status of advice

DRP's are advisory only and do not have a decision-making function. The panel advises on the design quality of proposals with reference to design principles (from SPP7.0, refer to Part 4) and supporting State Planning Policies, as well as local planning schemes and policies. Decision-makers shall have due regard to the design review advice and recommendations in their deliberations.

For continuity between design review and local government and Development Assessment Panel assessment procedures, the DRP Chair may be requested to brief decision makers either through preparation of a briefing note or attendance at a meeting. Where a matter is referred to the State Administrative Tribunal for review, the panel Chair may also be required by the Tribunal to attend proceedings.

Governance

The DRP is an independent, advisory panel funded by the local government.

The City of Bayswater will be responsible for the establishment, operation and management of the DRP. Dedicated DRP support will exist within the City for this purpose.

Panel management and support

The City of Bayswater will provide panel support to manage the scheduling, preparation, coordination, reporting and monitoring of DRP meetings.

Panel support will provide notice of the agenda and meeting times. To enable preparation by panel members, relevant material will be issued to the panel a week prior to the design

Terms of Reference

City of Bayswater Design Review Panel (3/7)

review meeting.

DRP meetings will be held at the City's Civic Centre.

DRP support will issue reporting to proponents within 10 working days of the meeting.

Membership

Local governments should ensure that the panel includes members with expertise in one or more of the following disciplines:

- Architectural design of the types of development that will be referred to the panel
- Urban design
- Heritage and urban conservation
- Sustainability and environmental design
- Building construction

While local knowledge is useful, a balance between locals and expertise from outside the City of Bayswater area should be sought in order to optimise the range and calibre of skills available. All DRP members should be eligible for registration and maintain good standing with their respective professional bodies.

To be independent and apolitical, the City should not appoint decision-makers, its own elected members or officers to its DRP. However, key City planning (and other) officers should participate in all design reviews in an advisory capacity and to provide administrative and governance support.

Proposals for review

Proposals eligible for design review include:

- proposals that are significant because of their size or the uses they support;
- proposals that are significant because of their site or location; or
- proposals that are significant because of their community impact.

The Design Review Panel (full panel) is to provide impartial architectural and design advice on:

- proposals including a building that is three storeys or greater in height (above natural ground level);
- proposals with eight or more multiple dwellings (apartments);
- proposals of 20 or more grouped dwellings;
- proposals that meet the mandatory requirement to be determined by the Joint Development Assessment Panel; or
- any other relevant matter, including a development application, scheme amendment, activity centre plan, structure plan, policy, precinct plan, local development plan or design guidelines referred by the Director Community and Development or Manager Development Approvals.

The DRP (one member) is to provide impartial architectural and design advice on:

- proposals with up to seven multiple dwellings (apartments).

Notwithstanding the above, the following developments will generally be exempt from referral to the DRP:

- single houses;

Terms of Reference

City of Bayswater Design Review Panel (4/7)

- development within an industrial zone; or
- service stations.

Timing and number of reviews

The number of reviews needed will vary depending on the complexity of a proposal; however two reviews are typically needed for the process to be effective.

Design reviews should occur before a development application is submitted. It is strongly recommended that the first design review takes place during the **concept design stage** to ensure that proponents can take advantage of the advice offered at a time where the design is flexible enough to accommodate change without impacting on time and cost constraints. A subsequent review should typically occur at a stage when the design has been further progressed. Depending on the outcome of the initial meeting, this review session will typically occur during **design development** or prior to the proposal being submitted for development approval (**Pre-DA stage**).

SPP7.0 Design Principles

State Planning Policy 7.0 Design of the Built Environment (SPP7.0) outlines a set of performance-based design principles. These principles establish a broad definition of 'good design' and form the basis of design review consideration.

Context and character – *Good design responds to and enhances the distinctive characteristics of a local area, contributing to a sense of place.*

Landscape quality – *Good design recognises that together landscape and buildings operate as an integrated and sustainable system, within a broader ecological context.*

Built form and scale – *Good design ensures that the massing and height of development is appropriate to its setting and successfully negotiates between existing built form and the intended future character of the local area.*

Functionality and build quality – *Good design meets the needs of users efficiently and effectively, balancing functional requirements to perform well and deliver optimum benefit over the full life-cycle.*

Sustainability – *Good design optimises the sustainability of the built environment, delivering positive environmental, social and economic outcomes.*

Amenity – *Good design provides successful places that offer a variety of uses and activities while optimising internal and external amenity for occupants, visitors and neighbours, providing environments that are comfortable, productive and healthy.*

Legibility – *Good design results in buildings and places that are legible, with clear connections and easily identifiable elements to help people find their way around.*

Safety – *Good design optimises safety and security, minimising the risk of personal harm and supporting safe behaviour and use.*

Community – *Good design responds to local community needs as well as the wider social context, providing environments that support a diverse range of people and facilitate social interaction.*

Aesthetics – *Good design is the product of a skilled, judicious design process that results in attractive and inviting buildings and places that engage the senses.*

Refer to Design WA State Planning Policy 7.0 Design of the Built Environment for the Design Principles in full.

Terms of Reference

City of Bayswater Design Review Panel (5/7)

Design Review Panel appointment

Suitable candidates will be recruited through an appointment process, which includes:

- public advertising seeking formal Expressions of Interest (EOI)
- consideration of EOIs by an appropriate selection panel
- an interview process, if required, to confirm appropriate design review expertise
- a report with recommendation/s for appointment presented to Council

Following completion of the selection process, all details of the appointment will be confirmed in writing and a member induction will be scheduled.

The term of office for a panel member shall be two years and run concurrently with the Council election cycle. Council may appoint a pool of suitable persons to serve on the Panel however each DRP meeting shall comprise a maximum of five members.

A person who is currently employed by, or who is an elected member of the local government, is not eligible for appointment as a member of the panel. All panel appointments are endorsed by Council.

Panel roles and responsibilities

All panel members are required to:

- provide independent, fair and reasonable professional advice relative to the SPP7.0 Design Principles and relevant State and local policies and schemes;
- treat all discussions and information about applications with sensitivity and confidentiality;
- respond to and comment on material presented, providing clear and constructive feedback; and
- disclose any actual or perceived conflicts of interest in writing for the record. Where an interest exists, the member must:
 - disclose the interest to the Chair as soon as possible, and before the meeting to ensure there is a quorum for all items; and
 - if the interest is a pecuniary interest, the member must not take part in the consideration or discussion of the matter.

All disclosures of interest will be recorded in the panel meeting notes.

Panel Chair

The panel Chair is primarily tasked with running panel meetings and is responsible for:

- liaising with the nominated City of Bayswater officer about the operation of the panel including advice regarding additional briefing material or requirements;
- ensuring new members have been inducted and are briefed about panel operations;
- ensuring that the meeting agenda is followed;
- welcoming and introducing the panel, proponents and any observers present in the meeting;
- facilitating interactive discussion and participation of all DRP members, key local government attendees and proponents, enabling solutions to be brokered collaboratively;

Terms of Reference

City of Bayswater Design Review Panel (6/7)

- ensuring that discussions remain focussed on the application being considered and that advice relates to matters covered by the SPP7.0 Design Principles, relevant State and local policies and schemes;
- ensuring consistency of panel advice between reviews;
- summarising the consensus view of the panel at the conclusion of the meeting;
- endorsing the final design review report or meeting minutes post meeting; and
- briefing decision-makers on panel advice when required.

Remuneration

Members will receive sitting fees per meeting at the following rates:

- Chairperson: \$700
- Each other member of the DRP: \$425

Members undertaking a one panel member review will receive a flat fee of \$500. Where a member of the panel is requested to appear on the City of Bayswater's behalf as an expert witness at the State Administrative Tribunal, the member is to be paid at a mutually agreed hourly rate consistent with the qualifications, experience and professional status of the member.

Meeting procedures

Quorum and attendance

The City of Bayswater will issue notice of a DRP meeting to all appointed panel members.

It is recommended that all members review the proposed agenda and advise the local government as soon as possible of:

- a. their ability to attend the meeting; and
- b. any interest to be declared in any matter listed on the agenda.

A DRP meeting may not proceed unless a quorum comprising a minimum of three members is present. If a quorum cannot be achieved for all or part of the meeting, the City will contact suitable members from the pool in accordance with the procedure adopted by the City for those circumstances. If a quorum cannot be achieved, the meeting cannot proceed and should be re-scheduled.

It is important to optimise the consistency of the panel and advice particularly across subsequent reviews for the same proposal. The City may replace panel members who are regularly unavailable for meetings.

Observers

Design review meetings should be closed to members of the public as information discussed can be commercially confidential. Persons who may later be required to consider and determine an application that is undergoing design review should not attend panel meetings in order to preserve the transparency and integrity of the planning decision making process.

City of Bayswater planning and other relevant officers are encouraged to attend review sessions as observers, as it can offer valuable training on design quality considerations, familiarity with the design review process and an understanding of how it can benefit a range of projects.

Site inspection

Panel members should be familiar with each site on the agenda prior to the meeting. A site

Terms of Reference

City of Bayswater Design Review Panel (7/7)

visit may be arranged if considered necessary by the City of Bayswater or panel Chair.

Panel member preparation

Where an application has already been submitted prior to referral to the panel, an initial officer assessment will be undertaken, the results of which will be provided to the panel as part of the agenda preparation process.

It is expected that panel members will familiarise themselves with all information provided prior to the meeting and prepare comments in advance, to enable effective use of session time. If additional information is required prior to the meeting, a request should be submitted to the City of Bayswater in accordance with the procedures advised during the induction.

Frequency of meetings

Meetings will generally be held monthly, but can be scheduled at any time in response to urgent matters. Advice of a scheduled meeting, the agenda and information associated with each proposal shall be provided to panel members five working days prior to the intended meeting date.

Agenda

Meeting agendas should not exceed three hours.

Panel member advice procedure

DRP (one member) reviews which relate to proposals with up to seven multiple dwellings do not require a meeting as outlined above. Plans will be provided to the panel member undertaking the review (as determined by the Panel Chair), who will undertake a review and prepare a report based on the DR3 template (simplified if appropriate) from the State's Design WA: Design Review Guide. DRP support will issue reporting to proponents within 10 working days from submission of plans.

Code of Conduct

All panel members are required to abide by the City of Bayswater's Code of Conduct.

ATTACHMENT NO. 6



TOWN OF
BASSENDEAN
Home by the Swan

**REVIEW OF THE TOWN OF
BASSENDEAN LOCAL
PLANNING SCHEME NO. 10**

APRIL 2020

Introduction

The *Planning and Development Act 2005* provides for local governments to have a local planning scheme so as to make suitable provision for the improvement, development and use of land in the scheme area. Regulation 65 of the *Planning and Development (Local Planning Scheme) Regulations 2015* outlines the requirements for the review of a Scheme.

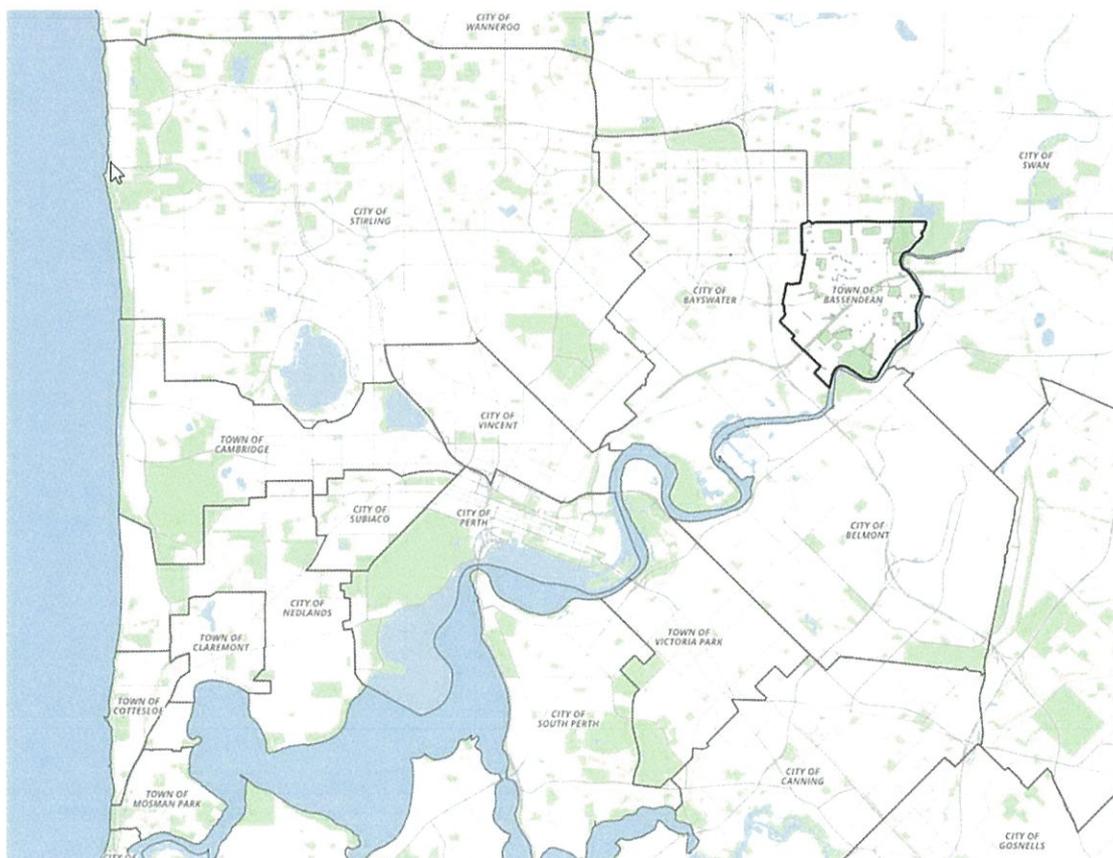
A review of a Scheme is to be in the form of a report submitted to the Western Australian Planning Commission (WAPC) and is to consider whether the Scheme is up to date and make a recommendation on how to proceed with the review.

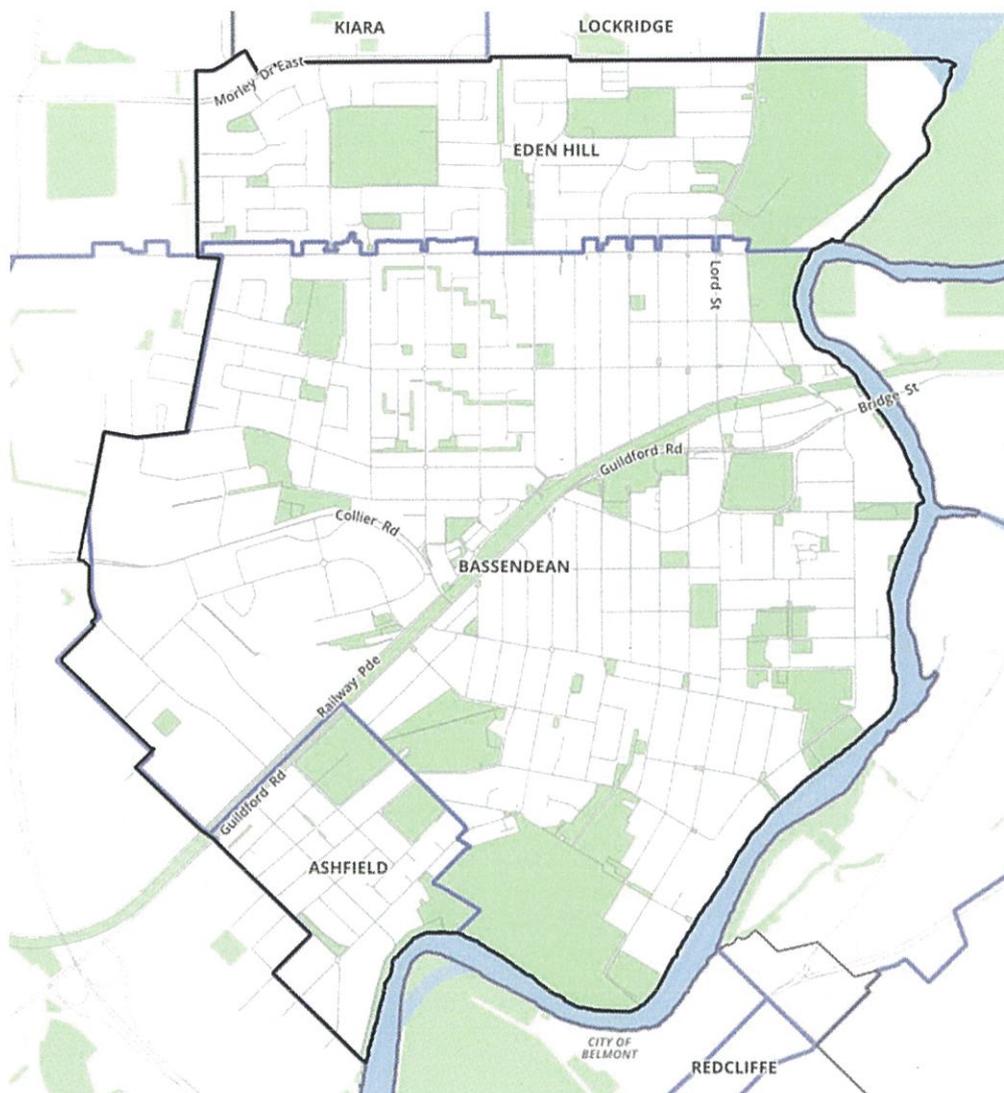
The Town has completed a review of Local Planning Scheme No. 10 (LPS 10) and submits this report to the WAPC.

Background

District Context

The Town of Bassendean is located in the east corridor of the Perth metropolitan region, and is approximately 10 kilometres from the Perth Central Business District, covering an area of approximately 11km². In addition to being strategically located in proximity to major district and regional employment centres, education facilities, institutions and recreational areas, Bassendean boasts numerous local, commercial and public facilities. Whilst primarily a residential area, Bassendean also accommodates a significant amount of industrial land servicing local, district and regional demands. The Town comprises the suburbs of Ashfield, Bassendean and Eden Hill. The following plans illustrate the location of the Town of Bassendean in the context of the Perth metropolitan region and its layout, respectively.





Scheme History

The current Local Planning Scheme No. 10 (LPS 10) was originally approved by the Minister for Planning and was subsequently gazetted on 24 June 2008. That gazettal also had the effect of revoking (former) Local Planning Scheme No. 3, which had existed since 1983. The (then) new LPS 10 was supported by an associated Local Planning Strategy, which was endorsed in May 2008 (WAPC Ref: 853/2/13/12 Vol 5).

The current LPS 10 has not been subject to a comprehensive review since its gazettal in 2008, although, following the 2015 introduction of the *Planning and Development (Local Planning Scheme) Regulations 2015*, all local government schemes were required to be updated to ensure consistency with the Regulations. LPS 10 was updated in this manner by Amendment No. 10, which was gazetted on 23 February 2018.

Strategic Context

Scheme Amendments

Since 2008, 11 amendments to LPS 10 have been initiated, with nine being gazetted, one being refused and one being discontinued. A list of all amendments to LPS 10 that have been initiated since 2008 follows.

No.	Date gazetted	Purpose
1	22 September 2009	Changing the maximum density code of residential development allowed in the Town Centre.
2	12 January 2010	Rezoning (then) 38A West Road to "Town Centre".
3	N/A - Refused by the Minister	Rezoning 12 Thompson Road to "Residential R40".
4	3 February 2012	Reserving Lots 202 & 203 Hyland Street as Parks and Recreation.
5	N/A - Withdrawn and incorporated into Amendment No. 9.	Zoning an unzoned portion of 1 (Lot 6) Earlsferry Court as Residential R10.
6	4 October 2013	Introducing an Additional Use (Medical Clinic) for 103 and 105 Old Perth Road.
7	11 November 2016	Introducing an Additional Use (Restaurant) for 3 Broadway.
8	23 February 2018	Introducing additional controls for Multiple Dwellings on land coded R40 and below.
9	23 February 2018	Omnibus amendment containing various text and map changes.
10	23 February 2018	To reflect the Deemed Provisions within the <i>Planning and Development (Local Planning Schemes) Regulations 2015</i> .
11	7 February 2020	To change the land use permissibility of the Convenience Store and Service Station land uses.

Local Planning Strategy Amendments

Since 2008 endorsement of the Local Planning Strategy, it has been reviewed once, with that review commencing in May 2011, achieving endorsement of the WAPC on 9 December 2014 (*WAPC Ref:DP/12/00093*) and being finalised (required modifications completed) in March 2015.

Subdivision and Development Activity

Since the start of 2008, it is estimated that approximately 830 residential lots have been created and 960 additional dwellings have been constructed (net dwellings).

It is noted that, in accordance with the WAPC's Central Sub-Regional Planning Framework, the Town's urban infill housing target for 2011 and beyond is 4,150 dwellings with 1,250 of those dwellings nominally required to be delivered by mid-2021. As of December 2019, an additional 706 dwellings (net dwellings) have been created, which represents of 56% of the target. It is anticipated that over the next 18 months (period ending June 2021) that that figure will increase to approximately 60%. The above serves to demonstrate that the Town is achieving a reasonable proportion of the density infill housing targets using the development potential provided by the current Local Planning Scheme.

In recent times (2018 and 2019), the rate of development within the Town has slowed, consistent with broader economic market conditions but also influenced, to some degree at least, by the expectation of greater development potential that may be available under a reviewed or new planning framework. It is considered that this is likely the case with land in close proximity to the three railway stations, where the current scheme provides limited development potential relative to what is contemplated by the various state government planning frameworks and documents.

Population Change

As at 30 June 2018, the Town had a population of 15,739, with a population density of 15.23 people per hectare. The Town's population has increased by 1,381 people since 2008, with the annual change during that time being between relatively stable (up to a maximum change of 2.3% per annum).

It is anticipated that over the next 30 years, the Town's population will increase to approximately 24,000. It is expected that much of that population growth will be accommodated in new housing located in close proximity to the three existing railway stations and the Bassendean town centre. This anticipated infill development will place additional demand on existing utilities, road and traffic infrastructure and areas of public recreation. It will also place pressure on existing vegetation (tree canopy), which may, in some cases, need to be removed to accommodate the new housing stock.

Consultation

Critically in terms of the upcoming review of the Town's planning framework, the Town recently completed *BassenDream Our Future*; an extremely comprehensive community engagement project to develop an aspirational vision for the future of Ashfield, Bassendean and Eden Hill. At its Ordinary Council Meeting of 26 November 2019, Council resolved to adopt the associated Engagement Report which (among other things) made a series of recommendations in relation to a future review of the existing strategic planning framework and preparation of a new or amended Local Planning Scheme. These will be an essential input into that process and, in broad terms, relate to:

- Retention of public open spaces
- Retention of trees on private land
- Limiting higher density development to within 400m of the three railway stations and around the Bassendean town centre and providing low/lower density outside those areas
- The need to enhance and active the Bassendean town centre (Old Perth Road)
- The need to balance new development with existing heritage
- The need for new development to have a design and sustainability focus

Anecdotally, it appears that some within the community are dissatisfied with the current planning framework, particularly in terms of the level of development potential offered in key strategic locations, as well as the amount of time since the last major review. There is a desire for a swift review of the framework so as to enable landowners to maximise the development yield and/or value of their respective properties.

From a government perspective, discussions have been held with the Department of Planning, Lands and Heritage regarding the need to review of the existing planning framework and prepare a new or amended Local Planning Scheme. Those discussions have been positive and will continue for the life of the project.

Comments

Local Planning Scheme No. 10

In considering the functionality of the Scheme, the following is relevant:

- It was originally gazetted in 2008
- The structure of the text is broadly consistent with the model scheme text
- The text and maps contain zones that are inconsistent with the model scheme text
- The text contains land uses that are inconsistent with the model scheme text
- The text contains various provisions and development standards that may be more appropriately located within a Local Planning Policy
- The Scheme incorporates 14 different density codes, between R5 and R60, with a number of those being split density codes.
- The residential densities prescribed by the scheme map provide limited development potential in key locations compared to what is contemplated by the various state government planning frameworks and documents (i.e. in close proximity to railway stations and commercial nodes)
- The above notwithstanding, without any further changes the scheme currently allow for the creation of an additional (net) 5,000 lots (approx.) within the district, meaning that the state government's infill target has already been met.
- There is scope to reduce the development potential that currently exists in areas that are not subject to any locational advantages that would otherwise justify a density above R20.
- The map includes a number of zoning anomalies that require correction.

Based on the above, whilst it would be possible to amend the existing scheme to address the above issues, given the number and scale of the potential changes, it is considered more appropriate to prepare a new scheme that will effectively replace LPS 10.

Local Planning Strategy

In considering the applicability and utility of the existing Strategy, the following is relevant:

- It was last reviewed in 2015 and therefore does not reference the updated State Planning Framework (including Perth and Peel @ 3.5m and State Planning Policy 7.0 – Design of the Built Environment) nor the outcomes of the *BassenDream Our Future* consultation exercise.
 - It promotes higher density development around the three existing railway stations and identifies 400m and 800m walkable catchments, which is broadly consistent with the above documents.
 - It provides for a broad scale application of the R25 residential density codes across much of the district.
 - It acknowledges the primacy of the Bassendean District Centre (Old Perth Road town centre) and advocates for only limited expansion of other existing centres.
 - It provides for Bassendean Oval and the land directly south of the oval to accommodate commercial / mixed use development.
-

Based on the above, it is considered that the existing 2015 Local Planning Strategy generally reflects community sentiment and that therefore there is scope to amend it (rather than repealing it and preparing a new one in its place).

The review will involve changes to enable the strategy to better respond to current planning challenges and concerns, reflect relevant changes to the State Planning Framework and acknowledge the outcomes of the *BassenDream Our Future* consultation exercise. It is envisaged that the most significant practical changes to the strategy would be to confine any density increases to those areas located in close proximity to the railway stations and the Bassendean Town Centre, rather than affecting a large part of the district.

Recommendation

That Council:

1. pursuant to Regulation 66(3)(a)(iii) of the Planning and Development (Local Planning Schemes) Regulations 2015 recommend to the Western Australian Planning Commission that the Town of Bassendean Local Planning Scheme No. 10 should be repealed and a new scheme prepared in its place.
 2. pursuant to Regulation 66(3)(b)(ii) of the Planning and Development (Local Planning Schemes) Regulations 2015 recommend to the Western Australian Planning Commission that the Town of Bassendean Local Planning Strategy should be reviewed.
-

ATTACHMENT NO. 7

**LIST OF PAYMENTS
FOR PERIOD
ENDED 31st MARCH 2020**

*Any questions relating to the List of Payments, please raise with Paul White,
Director Corporate Services, prior to Briefing Session.*

SUMMARY OF SCHEDULE OF ACCOUNTS

FUND	VOUCHERS	AMOUNT \$
MUNICIPAL / TRUST		
EFT and Direct Debits 01-31 March 2020	40415 – 40624	3,278,365.43
TRUST FUND		
Cheques Commonwealth 6100-1015-9136	0	0.00
MUNICIPAL BANK		
Cheques Commonwealth 6100-1015-9128	86186 – 86193	9,264.58
		<hr/>
		\$3,287,630.01
		<hr/> <hr/>

DIRECTOR CORPORATE SERVICES' DECLARATION:

This list of payments, covering vouchers as above, will be submitted to Council on 28th April 2020. The List of Payments has been checked and is fully supported by vouchers and invoices, 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 have been paid.

DIRECTOR CORPORATE SERVICES

1st March 2020
to
31st March 2020

Chq/EFT	Date	Name		Amount
EFT40415	03/03/2020	AUSTRALIAN SERVICES UNION	Payroll Deductions	-181.30
EFT40416	03/03/2020	AUSTRALIAN TAX OFFICE (PAYG)	Payroll Deductions	-98,083.00
EFT40417	03/03/2020	CHILD SUPPORT AGENCY	Payroll Deductions	-253.97
EFT40418	03/03/2020	LGRCEU	Payroll Deductions	-41.00
EFT40419	03/03/2020	TOWN OF BASSENDEAN PAYROLL DEDUCTIONS	Payroll Deductions	-1,465.58
EFT40420	04/03/2020	BASSENDEAN GALAXY BASKETBALL CLUB	Electors Meeting Catering -Contribution For Bbq	-687.26
EFT40421	04/03/2020	BOWDEN TREE CONSULTANCY	Arborist - Tree Preservation Report	-1,001.00
EFT40422	04/03/2020	COMMUNITY CINEMAS	Free Movie Night - Screen The Movie 2040 (Film Hire)	-385.00
EFT40423	04/03/2020	INDUSTRY DINER	Various Council Functions - Catering	-306.00
EFT40424	04/03/2020		Cancelled	0.00
EFT40425	04/03/2020	NATURE PLAY SOLUTIONS	Sandy Beach Playground - Design Contract	-49,204.87
EFT40426	04/03/2020	SLAB AND GARDEN CITY	Facebook Competition Winner - Trailer Load Compos	-90.00
EFT40427	04/03/2020	T-QUIP	Depot - Fleet Vehicle - Parts	-1,794.55
EFT40428	04/03/2020	THE VINTAGE TABLE	International Womens Day Breakfast -Crockery Hire - Deposit	-700.00
EFT40429	04/03/2020	WATER2WATER PTY LTD	Water Dispenser - Rental Maintenance Agreement	-49.50
EFT40430	11/03/2020	AUTOTRADING PTY LTD	Security And Public Art Bond Refunds	-13,660.00
EFT40431	11/03/2020	BLUEPRINT HOMES PTY LTD	Security Bond Refund	-2,768.00
EFT40432	11/03/2020	BRIANNA LEAKE	Hall & Key Bond Refund	-400.00
EFT40433	11/03/2020	DA BURKE BUILDERS	Security Bond Refund	-5,000.00
EFT40434	11/03/2020	MARCEENA CASTLE	Hall & Key Bond Refund	-550.00
EFT40435	11/03/2020	MARY ANN GEORGE	Hall & Key Bond Refund	-350.00
EFT40436	11/03/2020	TANGENT NOMINEES	Security Bond Refund	-3,780.00
EFT40437	11/03/2020	A W BATES	Intramaps Consultancy Fees	-360.00
EFT40438	11/03/2020	ALEXANDRA COUGHLAN	Fringe Festival - Event Staff (Surveying)	-80.00
EFT40439	11/03/2020	ALEXANDER SNADDEN	Reimbursement - Design Bassendean - Meeting Consumables	-168.00
EFT40440	11/03/2020	ALSCO PERTH	Office Linen And Laundry Services	-237.82
EFT40441	11/03/2020	ASHFIELD PRIMARY SCHOOL	Electors Meeting Catering - Contribution For Bbq	-500.00
EFT40442	11/03/2020	AUSTRALIA POST	Various Business Units - Postal Charges - February 2020	-4,887.43
EFT40443	11/03/2020	AXIIS CONTRACTING	Various Sites - Crossover And Footpath Maintenance & Construction	-7,196.20
EFT40444	11/03/2020	BASSENDEAN NEWSAGENCY	Library - Subscriptions - February 2020	-176.57

1st March 2020
to
31st March 2020

Chq/EFT	Date	Name	Description	Amount
EFT40445	11/03/2020	COLES SUPERMARKETS AUSTRALIA	Various Business Units - Groceries Supplies	-1,552.09
EFT40446	11/03/2020	CREATING COMMUNITIES AUSTRALIA PTY LTD	Consultancy Fees - Deliver Strategic Community Plan - February 2020	-9,372.00
EFT40447	11/03/2020	DANIELE FOTI CUZZOLA	Australia Day - Promotion And Social Media	-2,505.00
EFT40448	11/03/2020	FRIENDS OF BATTYE LIBRARY INC	Library Local Studies - Membership	-50.00
EFT40449	11/03/2020	GARAGE SALE TRAIL FOUNDATION LTD	Garage Sale Trail - Participation	-4,258.10
EFT40450	11/03/2020	GINO'S ALL ROUND HANDYMAN SERVICE	Seniors - Home Garden & Maintenance	-1,333.75
EFT40451	11/03/2020	JAMES MARSHALL	Rates Refund	-706.42
EFT40452	11/03/2020	JERRY COLLOVA	Refund - Cancelled Building Service Levy	-40.50
EFT40453	11/03/2020	JORDAN PHILIP ANDONOVSKI	Relax Booklet Design - Term 4 2019	-240.00
EFT40454	11/03/2020	JOYCE TASMA	Act Belong Commit Community Workshop	-200.00
EFT40455	11/03/2020	KERRI COUGHLAN	Fringe Festival - Event Staff (Surveying)	-190.00
EFT40456	11/03/2020	MARK STEWART	Refund - Cancelled Building Service Levy	-36.00
EFT40457	11/03/2020	MT LAWLEY MILK	Milk Supplies - 35, 46 & 48 Old Perth Road & Depot	-226.20
EFT40458	11/03/2020	NAMISARTROOM	Library - Extension Activity	-500.00
EFT40459	11/03/2020	NIKKI DENNERLEY	Children Services - Happy Feet Incursion	-125.00
EFT40460	11/03/2020	OLGA MORRIS	Rates Refund	-744.63
EFT40461	11/03/2020	PATRICIA FLETCHER	Relax Instructor - Zumba And Metafit - Term 1	-3,350.00
EFT40462	11/03/2020	SERANICA WILLIAMSON & BENJAMIN ALDOUS	Council Crossover Contribution	-592.00
EFT40463	11/03/2020	SINGTEL OPTUS PTY LTD	Seniors - Support Workers - Mobile Phone Charges - February 2020	-929.90
EFT40464	11/03/2020	SYNERGY	Various Sites Synergy Account - Electricity Supply Charges	-27,944.44
EFT40465	11/03/2020	T & C COURIER & TRANSPORT SERVICES	Courier Services - Document Delivery - February 2020	-87.71
EFT40466	11/03/2020	THE VINTAGE TABLE	International Womens Day Breakfast - Crockery Hire	-700.00
EFT40467	17/03/2020	AUSTRALIAN SERVICES UNION	Payroll Deductions	-129.50
EFT40468	17/03/2020	AUSTRALIAN TAX OFFICE (PAYG)	Payroll Deductions	-101,557.00
EFT40469	17/03/2020	CHILD SUPPORT AGENCY	Payroll Deductions	-253.97
EFT40470	17/03/2020	LGRCEU	Payroll Deductions	-41.00
EFT40471	17/03/2020	TOWN OF BASSENDEAN PAYROLL DEDUCTIONS	Payroll Deductions	-915.58
EFT40472	24/03/2020	AMAZING BRICK PAVING	Various Sites - Repair Verge And Walkway Brick Paving	-2,372.00
EFT40473	24/03/2020	BAYSWATER SHARPENING SERVICE	Depot - Various Tools - Sharpen Blades	-231.00
EFT40474	24/03/2020	BCITF	Building & Construction Industry - Levy Collected - February 2020	-1,122.89

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EFT40475	24/03/2020	BEAUMONDE CATERING	International Women'S Day - Catering	-2,162.80
EFT40476	24/03/2020	CABCHARGE AUSTRALIA LIMITED	Seniors Client - Transportation	-7.67
EFT40477	24/03/2020	CARROLL & RICHARDSON	Digital Print Town Of Bassendean Logo Flags	-638.00
EFT40478	24/03/2020	CHRIS RICHARDSON	Children Services - Ashfield - Food Safety Audit	-550.00
EFT40479	24/03/2020	DATA3	Office 365 Services - User Lease	-1,197.24
EFT40480	24/03/2020	DEPARTMENT OF FIRE & EMERGENCY SERVICES	Emergency Services Levy - Quarter 3 Esl 2019/2020	-803,238.30
EFT40481	24/03/2020	DEPARTMENT OF MINES, INDUSTRY REGULATION & SAFETY	Building Services Levy Collected - February 2020	-5,159.69
EFT40482	24/03/2020	DIAL A NAPPY (BUSICLEAN)	Children Services - Laundry And Cleaning Supplies	-615.00
EFT40483	24/03/2020	DIANE PALMER	Fringe Festival - Event Staff (Surveying)	-140.00
EFT40484	24/03/2020	ELITE ELECTRICAL AND PUMPSPTY LTD	Kelly Park - Light Installation	-1,100.00
EFT40485	24/03/2020	ELLIOTTS IRRIGATION PTY LTD	Bic Reserve - Iron Filter Service / Maintenance	-245.30
EFT40486	24/03/2020	ENVIRONMENTAL INDUSTRIES PTY LTD	Steam Weeding Kerbline For High Priority Roads	-3,929.09
EFT40487	24/03/2020	EPOCH TRAINING	Relax Instructor - Wu Tao - Term 1 2020	-1,020.00
EFT40488	24/03/2020	FEDERAL TINWARE MANUFACTURING PTY LIMITED	Depot - Minor Consumable Supplies	-396.00
EFT40489	24/03/2020	GABRIELLE NEYLON	International Womens Day Event - Flowers And Thank You Bouquet	-200.00
EFT40490	24/03/2020	GARRARDS PTY LTD	Environ Services - Rat Bait Supplies To Residents	-487.74
EFT40491	24/03/2020	GRONBEK SECURITY	Various Sites - Restricted Keys & Coding	-319.30
EFT40492	24/03/2020	HATCHET PTY LTD ATF DM TRUST	Ryde Program - Software Changes	-330.00
EFT40493	24/03/2020	HELEN DOBBIE	Relax Instructor - Hatha Yoga - Term 1 2020	-840.00
EFT40494	24/03/2020	HOME CHEF	Seniors - Clients - Meals On Wheels	-602.28
EFT40495	24/03/2020	HWL EBSWORTH LAWYERS	Professional Fees - Legal Advice	-2,719.75
EFT40496	24/03/2020	ILLION (AUSTRALIA)	Credit Checks On Preferred Tenderers	-168.30
EFT40497	24/03/2020	INSTANT WINDSCREENS	Various Fleet Vehicle - Windscreen Repairs	-295.00
EFT40498	24/03/2020	INTEGRAL DEVELOPMENT ASSOCIATES PTY LTD	Engineering Technical Coordinator - Training	-1,287.00
EFT40499	24/03/2020	INTEGRAL DEVELOPMENT CONSULTANCY	Principal Building Surveyor - Releif Work - January 2020	-8,990.00
EFT40500	24/03/2020	JACK CAWTE	Ryde Program - Volunteer Driving Assessment	-65.00
EFT40501	24/03/2020	JEFFREY SOMES	Reimbursement - All Offices - Disinfectant Supplies	-388.31
EFT40502	24/03/2020	CR CHRIS BARTY	Meeting Fees - January, February And March 2020	-4,966.75
EFT40503	24/03/2020	CR HILARY MACWILLIAM	Meeting Fees - January, February And March 2020	-4,966.75
EFT40504	24/03/2020	CR JAI WILSON	Meeting Fees - January, February And March 2020	-4,966.75

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EFT40505	24/03/2020	CR JRH GANGELL	Meeting Fees - January, February And March 2020	-4,966.75
EFT40506	24/03/2020	CR KATHRYN HAMILTON	Meeting Fees - January, February And March 2020	-7,276.50
EFT40507	24/03/2020	CR RENEE MCLENNAN	Meeting Fees - January, February And March 2020	-16,449.75
EFT40508	24/03/2020	CR SARAH QUINTON	Meeting Fees - January, February And March 2020	-4,966.75
EFT40509	24/03/2020	A W BATES	Create New Waste Module In Intramaps	-1,680.00
EFT40510	24/03/2020	ADVANCE PRESS (2013) PTY LTD	Print - Padbury And Palmerston Consultation Flyers	-264.00
EFT40511	24/03/2020	ALLSPORTS LINEMARKING	Line Marking Bassendean Oval	-330.00
EFT40512	24/03/2020	ALSCO PERTH	Office Linen And Laundry Services	-226.49
EFT40513	24/03/2020	ASHTON ADMOR PTY LTD	International Womens Day - Sound Equipment Hire	-863.50
EFT40514	24/03/2020	AUSTIN MOTOR VEHICLE CLUB OF WA INC	Refund - Hall Bond - Paid Twice	-162.00
EFT40515	24/03/2020	AXIIS CONTRACTING	Various Sites - Crossover And Footpath Maintenance & Construction	-4,965.60
EFT40516	24/03/2020	BASSEDEAN PHYSIOTHERAPY PTY LTD	Seniors - Client - Physiotherapy Session	-249.00
EFT40517	24/03/2020	BEAVER TREE SERVICES	Various Sites - Street Tree Pruning	-17,517.50
EFT40518	24/03/2020	BEN NASH SURVEYS	Mary Crescent Reserve- Full Feature Survey	-1,680.00
EFT40519	24/03/2020	BIDVEST FOOD SERVICE	Seniors - Support Workers Gloves & Hand Sanitiser	-363.62
EFT40520	24/03/2020	BOWDEN TREE CONSULTANCY	Various Sites - Tree Inspection - Arborist Reports	-429.00
EFT40521	24/03/2020	BOYA EQUIPMENT PTY LTD	Depot - Fleet Vehicle - Parts	-199.30
EFT40522	24/03/2020	BUNNINGS GROUP LIMITED	Various Sites - Maintenance Supplies And Equipment	-1,264.27
EFT40523	24/03/2020	BUNZL LTD	Depot - Toilet & Office Supplies	-233.31
EFT40524	24/03/2020	CITY OF SOUTH PERTH	Ranger Services - Pound Fees - February 2020	-1,421.44
EFT40525	24/03/2020	CJD EQUIPMENT PTY LTD	Depot - Fleet Vehicle - Parts	-296.96
EFT40526	24/03/2020		Cancelled	0.00
EFT40527	24/03/2020	COLES SUPERMARKETS AUSTRALIA	Various Business Units - Groceries Supplies	-1,289.82
EFT40528	24/03/2020	COMPLETE CORPORATE HEALTH - ASCOT	Various Business Units - Recruitment - Pre Employment Check	-198.00
EFT40529	24/03/2020	CTI RISK MANAGEMENT	Customer Service - Banking Collection - February 2020	-242.00
EFT40530	24/03/2020	DAILY LIVING PRODUCTS	Seniors - Client Independent Living Supplies	-357.00
EFT40531	24/03/2020	DESIGN 2 SOLUTION	Children Services - Building Permit Office/Staff Room	-649.00
EFT40532	24/03/2020	DOMUS NURSERY	Various Street Garden Sites - New Plants	-1,787.28
EFT40533	24/03/2020	DS WORKWEAR & SAFETY	Depot - Staff Uniforms	-294.95
EFT40534	24/03/2020	E FIRE & SAFETY (WA)	Various Sites And Library - Panel Testing	-121.00

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EFT40535	24/03/2020	EASTERN METROPOLITAN REGIONAL COUNCIL	Various Domestic & Council Rubbish	-104,480.51
EFT40536	24/03/2020	ECOSCAPE (AUSTRALIA) PTY LTD	Weed Management - Development Draft Strategy	-4,290.00
EFT40537	24/03/2020	FOOD TECHNOLOGY SERVICES PTY LTD	Food Safety Services - Contractor - February 2020	-658.35
EFT40538	24/03/2020	MELAINE SHAW	Fringe Festival - Event Staff (Surveying)	-80.00
EFT40539	24/03/2020	ANGELO FANETTI	Security Bond Refund	-2,768.00
EFT40540	24/03/2020	ASHMY PTY LTD	Security Bond Refund	-2,768.00
EFT40541	24/03/2020	FUI NYEN PHAN	Security Bond Refund	-2,805.00
EFT40542	24/03/2020	GREEN-SHORE BUILDERS PTY LTD	Security Bond Refund	-2,768.00
EFT40543	24/03/2020	JANE MITCHELL	Security Bond Refund	-2,805.00
EFT40544	24/03/2020	SERANICA WILLIAMSON & BENJAMIN ALDOUS	Security Bond Refund	-2,768.00
EFT40545	24/03/2020	TANGENT NOMINEES	Security Bond Refund	-2,805.00
EFT40546	24/03/2020	COLES SUPERMARKETS AUSTRALIA	Various Business Units - Groceries Supplies	-133.60
EFT40547	24/03/2020	FUJI XEROX AUSTRALIA PTY LTD	Various Business Units - Photocopier Lease And Charges	-4,016.92
EFT40548	24/03/2020	GRAFTON GENERAL PRODUCTS	Seniors - Client Independent Living Supplies	-508.83
EFT40549	24/03/2020	GREENACRES TURF GROUP	Various Reserves - Turf Repairs	-13,300.00
EFT40550	24/03/2020	HAYS SPECIALIST RECRUITMENT (AUSTRALIA) PTY LTD	Various Business Units - Labour Hire	-12,794.33
EFT40551	24/03/2020	HEATLEY SALES PTY LTD	Depot - Minor Supplies	-409.37
EFT40552	24/03/2020	JSM CONSTRUCTION WA	Various Sites - Building Maintenance Work	-6,897.00
EFT40553	24/03/2020	KARLA HOOPER	Relax Instructor - Beeswax Wraps - Term 1 2020	-500.00
EFT40554	24/03/2020	LANDCARE WEED CONTROL	Various Sites - Application Of Weed Control	-1,739.65
EFT40555	24/03/2020	LANDGATE	Slip Subscription - Landgate Mapping	-8,204.33
EFT40556	24/03/2020	LIFE READY MOBILE PTY LTD	Seniors - Client - Physiotherapy Session	-357.00
EFT40557	24/03/2020	M P ROGERS & ASSOCIATES PTY LTD	Various Jetties - Condition Assessment & Upgrade Design	-16,509.48
EFT40558	24/03/2020	MARIA DANIELS	Relax Instructor - Samba Drumming - Term 1 2020	-1,200.00
EFT40559	24/03/2020	MAXIMUM INDEPENDENCE OCCUPATIONAL THERAPY	Seniors - Independent Living - Initial Assessment	-385.00
EFT40560	24/03/2020	MCL COMMERCIAL SERVICES	Various Sites - Mowing	-6,840.00
EFT40561	24/03/2020	MCLEODS & CO	Professional Fees - Legal Advice	-2,469.29
EFT40562	24/03/2020	MIDLAND MINICRETE	Various Sites - Supply Concrete For Footpath Repairs	-451.00
EFT40563	24/03/2020	MIDLAND MOWERS	Depot - Minor Plant Parts	-156.75
EFT40564	24/03/2020	MINT CIVIL PTY LTD	Various Sites - Street Sweeping Services	-9,254.07

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EFT40565	24/03/2020	MOORE STEPHENS	Internal Audit Services	-957.00
EFT40566	24/03/2020	MT LAWLEY MILK	Milk Supplies - 35, 46 & 48 Old Perth Road & Depot	-226.20
EFT40567	24/03/2020	N & N J HAEUSLER	Library & Volunteer - Daily/Weekly Newspaper Subscriptions	-52.00
EFT40568	24/03/2020	NATURAL AREA HOLDINGS	Various Sites - Watering	-8,965.26
EFT40569	24/03/2020	OARS ACROSS THE WATERS PTY LTD	Staff Training - Accountability And Ethical Decision Making	-1,441.00
EFT40570	24/03/2020	P & M AUTOMOTIVE EQUIPMENT	Depot Workshop - Hoist Inspection & Service	-228.80
EFT40571	24/03/2020	PARAMOUNT ELECTRICAL SERVICES	Various Sites - Electrical Repairs & Maintenance	-2,553.00
EFT40572	24/03/2020	PHASE 3 LANDSCAPE CONSTRUCTION PTY LTD	Mary Crescent Playground Construction Progress Claim	-11,721.44
EFT40573	24/03/2020	PILATES FLOW	Relax Instructor- Pilates - Term 1 2020	-1,800.00
EFT40574	24/03/2020	PROGRAMMED PROPERTY SERVICES	Various Sites - Streetscape Watering	-6,519.30
EFT40575	24/03/2020	QUALITY TRAFFIC MANAGEMENT PTY LTD	Various Road Closures And Traffic Management	-2,982.06
EFT40576	24/03/2020	QUICK CORPORATE AUSTRALIA PTY LTD	Various Business Units - Office Stationery	-793.56
EFT40577	24/03/2020	RHONDA DIANNE PLUMMER	Fringe Festival - Event Staff (Surveying)	-80.00
EFT40578	24/03/2020	RECOMMENDED TOWING PTY LTD	Ranger Services - Abandoned Vehicles	-176.00
EFT40579	24/03/2020	REECE'S STRUCTURES	Old Perth Road Markets - Equipment Hire	-482.48
EFT40580	24/03/2020	RELATIONSHIPS AUSTRALIA (WESTERN AUSTRALIA) INC	Employee Assistance Program - Counselling	-330.00
EFT40581	24/03/2020	RESOURCE RECOVERY SOLUTIONS	Council Recycle Waste - Concrete, Bricks, Sand & Hotmix	-101.20
EFT40582	24/03/2020	RICOH AUSTRALIA PTY LTD	Various Business Units - Photocopier Lease And Charges	-1,154.08
EFT40583	24/03/2020	RIDGE CREATIVE	Gravit8 - Video And Photography Production	-150.00
EFT40584	24/03/2020	ROADS 2000	Various Sites - Road Repairs - Supply Ashphalt	-115.01
EFT40585	24/03/2020	RUBY 9 PTY LTD	Relax Instructor - Thursday Morning Yoga Term 1	-1,050.00
EFT40586	24/03/2020	SD & VH FINDLAY	Various Sites - Painting Interior & Exterior	-3,115.00
EFT40587	24/03/2020	SEEK LIMITED	Various Business Units - Employment Advertising	-313.50
EFT40588	24/03/2020	SHOFER PTY LTD	Seniors - Transport For Clients - February 2020	-1,401.45
EFT40589	24/03/2020	SIGNING HANDS	Children Services - Incursion -Keyword Signing Incursion	-750.00
EFT40590	24/03/2020	SLAB AND GARDEN CITY	Facebook Competition Winner - Trailer Load Compos	-90.00
EFT40591	24/03/2020	SNAP PRINTING MIDLAND	Plants To Residents - Voucher Printing	-140.00
EFT40592	24/03/2020	ST JOHN AMBULANCE AUSTRALIA	Various Sites - First Aid Kit Restock	-214.94
EFT40593	24/03/2020	STATEWIDE CLEANING SERVICES PTY LTD	Various Sites - Cleaning Supplies	-195.16
EFT40594	24/03/2020	STEPHANIE CHAPMAN	Council Cross Over Contribution	-592.00

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EFT40595	24/03/2020	STRATAGREEN	Various Sites - Fertiliser Applications	-203.52
EFT40596	24/03/2020	SUEZ RECYCLING & RECOVERY PTY LTD	Various Sites - Bin Rubbish Collection & Bulk Rubbish Collection	-50,145.66
EFT40597	24/03/2020	SUNSHINE AIR CONDITIONING	Depot - Transportable Office - Supply And Fit Airconditioner	-1,540.00
EFT40598	24/03/2020	SURESHANK PTY LTD	Children Services - Plants Watering Schedule	-88.00
EFT40599	24/03/2020	SWAN DISTRICTS FOOTBALL CLUB	Community Training - Room & Equipment Hire	-445.00
EFT40600	24/03/2020	SYNERGY	Various Sites Synergy Account - Electricity Supply Charges	-1,061.72
EFT40601	24/03/2020	T-QUIP	Depot - Fleet Vehicle - Parts	-494.55
EFT40602	24/03/2020	TECHNOLOGY ONE LTD	Intramaps - Hosting / Support And License - 2020/2021	-13,191.21
EFT40603	24/03/2020	TOTAL EDEN PTY LTD	Various Sites - Reticulation Supplies	-787.08
EFT40604	24/03/2020	TRILLION TREES	Plants To Residents - Seedlings	-1,650.00
EFT40605	24/03/2020	TRUGRADE MEDICAL SUPPLIES	Seniors - Client - Medical Supplies	-466.08
EFT40606	24/03/2020	UNIFORMS @ WORK AUSTRALIA PTY LTD	Seniors - Uniform Embroidery	-130.68
EFT40607	24/03/2020	URBAQUA	Community And Stakeholder Consultation - 3Rd & 4Th Avenue	-2,310.00
EFT40608	24/03/2020	VENUS PLUMBING	Various Sites - Plumbing Repairs	-1,621.95
EFT40609	24/03/2020	WATER2WATER PTY LTD	Water Dispenser Rental Maintenance Agreement	-3,360.50
EFT40610	24/03/2020	WATTS WESTERN RUBBER	Various Fleet Vehicle - Tyre Repairs & Replacements	-1,065.50
EFT40611	24/03/2020	WEST-NET IMAGING PTY LTD	Library Services - Digitisation From Microfilm	-2,301.92
EFT40612	24/03/2020	WESTBOOKS	Library - Book Purchases	-608.68
EFT40613	24/03/2020	WESTERN AUSTRALIAN LOCAL GOVERNMENT ASSOCIATION	Various Staff And Councillor Training	-200.00
EFT40614	24/03/2020	WINC. AUSTRALIA PTY LTD (PREVIOUSLY STAPLES)	Various Business Units - Office Stationery	-255.93
EFT40615	24/03/2020	WOODLANDS DISTRIBUTORS & AGENCIES PTY LTD	Reserves /Parks - Dog Poo Bags	-1,709.95
EFT40616	24/03/2020	WRITE SOLUTIONS AUSTRALIA PTY LTD	Collection & Processing - Sample Fogo Bins	-27.50
EFT40617	24/03/2020	ZIPFORM PTY LTD	Rates Notices - 4Th Instalment Print & Postage	-4,191.09
EFT40618	24/03/2020	ZIRCODATA PTY LTD	Records - Document Bin Rental & Storage Fees - February 2020	-71.44
EFT40619	31/03/2020	WESTERN AUSTRALIAN TREASURY CORPORATION	Loan No. 160 Interest Payment - Library Redevelopment	-18,454.52
EFT40620	31/03/2020	AUSTRALIAN SERVICES UNION	Payroll Deductions	-155.40
EFT40621	31/03/2020	AUSTRALIAN TAX OFFICE (PAYG)	Payroll Deductions	-96,975.00
EFT40622	31/03/2020	CHILD SUPPORT AGENCY	Payroll Deductions	-253.97
EFT40623	31/03/2020	LGRCEU	Payroll Deductions	-41.00
EFT40624	31/03/2020	TOWN OF BASSENDEAN PAYROLL DEDUCTIONS	Payroll Deductions	-915.58

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DD18129.1	02/03/2020	ONHOLD MAGIC	Messages On Hold - March 2020	-138.80
DD18133.1	03/03/2020	WA LOCAL GOVERNMENT SUPERANNUATION PLAN	Payroll Deductions	-46,205.18
DD18133.2	03/03/2020	REST SUPERANNUATION	Payroll Deductions	-1,846.93
DD18133.3	03/03/2020	VIC SUPER	Superannuation Contributions	-230.17
DD18133.4	03/03/2020	MLC SUPER FUND	Superannuation Contributions	-272.89
DD18133.5	03/03/2020	COLONIAL FIRST STATE	Superannuation Contributions	-54.57
DD18133.6	03/03/2020	SUPER DIRECTIONS FUND	Superannuation Contributions	-230.17
DD18133.7	03/03/2020	ANZ SMART CHOICE SUPER	Payroll Deductions	-749.35
DD18133.8	03/03/2020	AMP SUPERLEADER	Payroll Deductions	-491.10
DD18133.9	03/03/2020	NGS SUPER	Superannuation Contributions	-309.63
DD18133.10	03/03/2020	MLC SUPER FUND	Superannuation Contributions	-201.73
DD18133.11	03/03/2020	COMMONWEALTH ESSENTIAL SUPER	Superannuation Contributions	-125.26
DD18133.12	03/03/2020	DIY MASTER PLAN	Superannuation Contributions	-200.74
DD18133.13	03/03/2020	AUSTRALIAN ETHICAL SUPER	Superannuation Contributions	-393.97
DD18133.14	03/03/2020	CBUS INDUSTRY SUPERFUND	Superannuation Contributions	-160.54
DD18133.15	03/03/2020	BT SUPER FOR LIFE	Superannuation Contributions	-212.53
DD18133.16	03/03/2020	Q SUPER	Superannuation Contributions	-368.32
DD18133.17	03/03/2020	MLC WRAP SUPER	Superannuation Contributions	-97.44
DD18133.18	03/03/2020	WEALTH PERSONAL SUPERANNUATION AND PENSION FUND	Superannuation Contributions	-54.25
DD18133.19	03/03/2020	PLUMMER SUPERANNUATION FUND	Superannuation Contributions	-1,093.47
DD18133.20	03/03/2020	HESTA SUPER FUND	Payroll Deductions	-2,536.30
DD18133.21	03/03/2020	B & L SUPER FUND	Superannuation Contributions	-192.49
DD18133.22	03/03/2020	AUSTRALIAN/WESTSCHEME SUPER	Superannuation Contributions	-5,627.88
DD18133.23	03/03/2020	HOST PLUS	Superannuation Contributions	-572.75
DD18133.24	03/03/2020	TWU SUPERANNUATION	Superannuation Contributions	-282.94
DD18201.1	05/03/2020	COMMONWEALTH CREDIT CARDS	Credit Card - February 2020	-19,902.93
DD18276.1	16/03/2020	SG FLEET AUSTRALIA PTY LTD	Fleet Vehicles Leases -March 2020	-15,125.84
DD18170.1	17/03/2020	WA LOCAL GOVERNMENT SUPERANNUATION PLAN	Payroll Deductions	-45,327.64
DD18170.2	17/03/2020	REST SUPERANNUATION	Payroll Deductions	-1,925.11
DD18170.3	17/03/2020	VIC SUPER	Superannuation Contributions	-230.17

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DD18170.4	17/03/2020	MLC SUPER FUND	Superannuation Contributions	-414.33
DD18170.5	17/03/2020	COLONIAL FIRST STATE	Superannuation Contributions	-54.57
DD18170.6	17/03/2020	SUPER DIRECTIONS FUND	Superannuation Contributions	-230.17
DD18170.7	17/03/2020	ANZ SMART CHOICE SUPER	Payroll Deductions	-575.60
DD18170.8	17/03/2020	AMP SUPERLEADER	Payroll Deductions	-505.01
DD18170.9	17/03/2020	NGS SUPER	Superannuation Contributions	-304.31
DD18170.10	17/03/2020	MLC SUPER FUND	Superannuation Contributions	-210.35
DD18170.11	17/03/2020	SUN SUPER	Superannuation Contributions	-94.30
DD18170.12	17/03/2020	DIY MASTER PLAN	Superannuation Contributions	-46.98
DD18170.13	17/03/2020	COMMONWEALTH ESSENTIAL SUPER	Superannuation Contributions	-71.04
DD18170.14	17/03/2020	AUSTRALIAN ETHICAL SUPER	Superannuation Contributions	-393.97
DD18170.15	17/03/2020	CBUS INDUSTRY SUPERFUND	Superannuation Contributions	-160.54
DD18170.16	17/03/2020	BT SUPER FOR LIFE	Superannuation Contributions	-224.54
DD18170.17	17/03/2020	Q SUPER	Superannuation Contributions	-346.77
DD18170.18	17/03/2020	MLC WRAP SUPER	Superannuation Contributions	-90.37
DD18170.19	17/03/2020	WEALTH PERSONAL SUPERANNUATION AND PENSION FUND	Superannuation Contributions	-52.86
DD18170.20	17/03/2020	HESTA SUPER FUND	Payroll Deductions	-2,359.93
DD18170.21	17/03/2020	PLUMMER SUPERANNUATION FUND	Superannuation Contributions	-1,093.47
DD18170.22	17/03/2020	B & L SUPER FUND	Superannuation Contributions	-192.49
DD18170.23	17/03/2020	AUSTRALIAN/WESTSCHEME SUPER	Superannuation Contributions	-5,855.03
DD18170.24	17/03/2020	HOST PLUS	Superannuation Contributions	-653.03
DD18170.25	17/03/2020	TWU SUPERANNUATION	Superannuation Contributions	-282.94
DD18209.1	31/03/2020	WA LOCAL GOVERNMENT SUPERANNUATION PLAN	Payroll Deductions	-44,216.44
DD18209.2	31/03/2020	VIC SUPER	Superannuation Contributions	-230.17
DD18209.3	31/03/2020	MLC SUPER FUND	Superannuation Contributions	-327.95
DD18209.4	31/03/2020	COLONIAL FIRST STATE	Superannuation Contributions	-54.57
DD18209.5	31/03/2020	SUPER DIRECTIONS FUND	Superannuation Contributions	-234.20
DD18209.6	31/03/2020	ANZ SMART CHOICE SUPER	Payroll Deductions	-575.60
DD18209.7	31/03/2020	AMP SUPERLEADER	Payroll Deductions	-487.48
DD18209.8	31/03/2020	NGS SUPER	Superannuation Contributions	-304.31

1st March 2020
to
31st March 2020

Chq/EFT	Date	Name	Description	Amount
	31/03/2020	PAYROLL CREDITORS	TOTAL FOR MONTH MARCH 2020	-1,311,123.84
			TOTAL MUNICIPAL & TRUST EFT PAYMENTS	-3,278,365.43

Chq/EFT	Date	Name	Description	Amount
			TOTAL TRUST CHEQUE PAYMENTS	

ATTACHMENT NO. 8



FINANCIAL STATEMENTS

FOR THE PERIOD ENDED

31 March 2020

TOWN OF BASSENDEAN

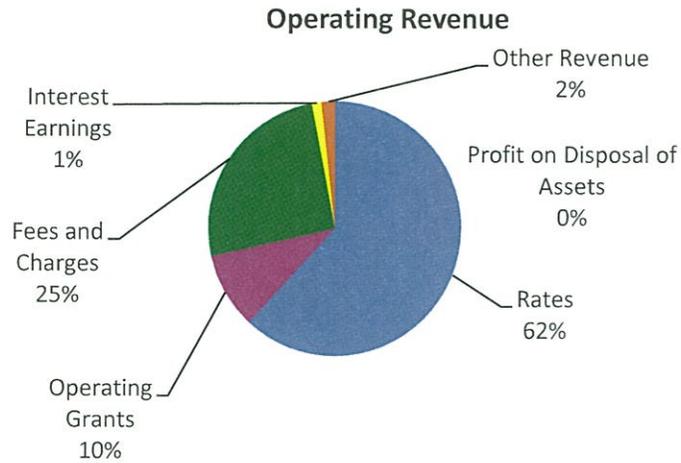
MONTHLY FINANCIAL REPORT (Containing the Statement of Financial Activity) For the Period Ended 31 March 2020

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

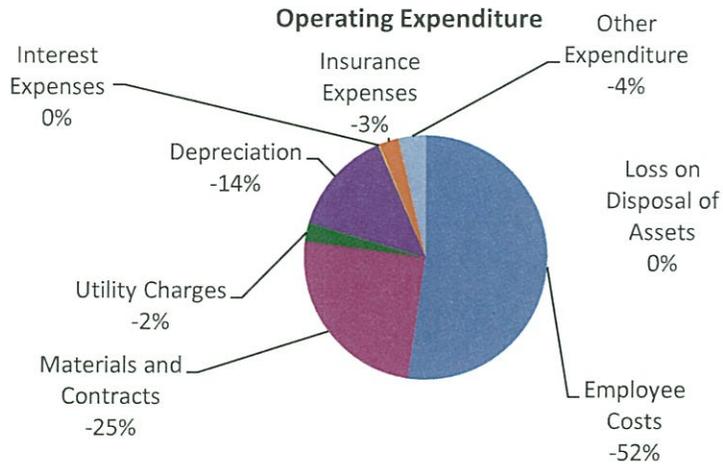
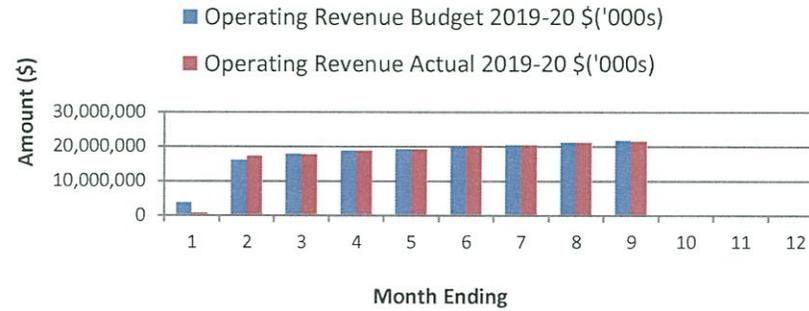
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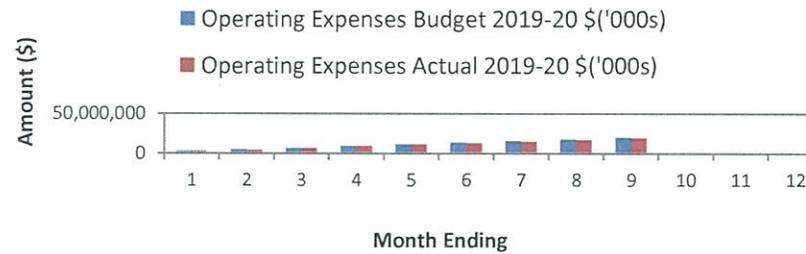
**Town of Bassendean
Information Summary
For the Period Ended 31 March 2020**



**Budget Operating Revenue -v- YTD Actual
Refer Statement of Financial Activity by
Nature or Type**



**Budget Operating Expenditure -v- YTD Actual
Refer Statement of Financial Activity by
Nature or Type**



TOWN OF BASSENDEAN
STATEMENT OF FINANCIAL ACTIVITY
(Statutory Reporting Program)
For the Period Ended 31 March 2020

	Note	Original Annual Budget	Amended Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. % (b)-(a)/(a)
		\$	\$	\$	\$	%
Opening Funding Surplus(Deficit)	3	1,630,400	1,432,345	1,432,345	1,432,345	0.00%
Revenue from operating activities						
Governance		17,200	39,360	29,529	37,708	27.70%
General Purpose Funding - Rates	2	13,371,221	13,086,984	13,074,478	13,071,816	(0.02%)
General Purpose Funding - Other		945,182	917,589	652,607	620,805	(4.87%)
Law, Order and Public Safety		116,400	122,400	102,385	116,858	14.14%
Health		2,732,665	2,856,081	2,854,328	2,859,030	0.16%
Education and Welfare		5,120,258	5,120,258	3,817,949	3,838,808	0.55%
Community Amenities		148,000	148,000	113,979	97,834	(14.16%)
Recreation and Culture		188,910	290,250	226,944	240,378	5.92%
Transport		34,000	62,462	61,459	56,475	(8.11%)
Economic Services		95,350	142,695	118,841	125,702	5.77%
Other Property and Services		83,700	91,080	64,651	77,855	20.42%
		22,852,886	22,877,159	21,117,150	21,143,269	0.12%
Expenditure from operating activities						
Governance		(1,140,872)	(1,210,553)	(887,825)	(879,873)	0.90%
General Purpose Funding		(930,248)	(1,014,366)	(705,685)	(698,845)	0.97%
Law, Order and Public Safety		(716,404)	(738,277)	(555,904)	(499,246)	10.19%
Health		(3,257,400)	(3,485,945)	(2,484,422)	(2,205,703)	11.22%
Education and Welfare		(5,679,422)	(5,754,242)	(4,282,060)	(4,410,399)	(3.00%)
Community Amenities		(1,474,379)	(1,415,174)	(1,041,102)	(998,801)	4.06%
Recreation and Culture		(6,474,962)	(6,636,404)	(4,826,705)	(4,717,437)	2.26%
Transport		(5,679,404)	(5,526,405)	(4,638,341)	(4,154,615)	10.43%
Economic Services		(620,697)	(645,205)	(426,843)	(416,526)	2.42%
Other Property and Services		(46,278)	(96,159)	(50,666)	(9,872)	80.52%
		(26,020,067)	(26,522,731)	(19,899,554)	(18,991,317)	4.56%
Operating activities excluded from budget						
Add back Depreciation		3,505,012	3,505,012	2,628,603	2,657,537	1.10%
Adjust (Profit)/Loss on Asset Disposal		8,319	9,819	7,362	-	(100.00%)
Movement in Leave Reserve		14,871	14,871	5,659	5,659	0.00%
Amount attributable to operating activities		361,021	(115,870)	3,859,220	4,815,149	
Investing Activities						
Non-operating Grants, Subsidies and Contributions						
Contributions		2,066,917	1,758,927	406,000	313,000	(22.91%)
Proceeds from Disposal of Assets	10	656,500	657,740	-	-	
Land and Buildings	8	(1,748,710)	(1,747,137)	(512,134)	(458,098)	10.55%
Infrastructure Assets - Roads	8	(2,254,002)	(1,880,804)	(162,178)	(31,053)	80.85%
Infrastructure Assets - Footpaths	8	(50,000)	(50,000)	(20,000)	(11,931)	40.34%
Infrastructure Assets - Other	8	(1,305,620)	(1,391,045)	(147,585)	(54,293)	63.21%
Infrastructure Assets - Drainage	8	(63,541)	(63,541)	(63,541)	(9,861)	84.48%
Plant and Equipment	8	(53,500)	(37,975)	(37,975)	(15,255)	59.83%
Furniture and Equipment	8	(629,578)	(617,578)	(152,100)	(1,566)	98.97%
Amount attributable to investing activities		(3,381,534)	(3,371,413)	(689,513)	(269,056)	
Financing Activities						
Self-Supporting Loan Principal		23,766	23,766	17,979	17,979	0.00%
Transfer from Reserves	5	3,671,705	3,829,848	-	-	(100.00%)
Repayment of Debentures	4	(130,368)	(130,368)	(107,061)	(107,061)	0.00%
Transfer to Reserves	5	(2,150,310)	(1,668,018)	(47,084)	(47,084)	0.00%
Amount attributable to financing activities		1,414,793	2,055,228	(136,167)	(136,167)	
Closing Funding Surplus(Deficit)	3	24,680	291	4,465,885	5,842,270	

TOWN OF BASSENDEAN
STATEMENT OF FINANCIAL ACTIVITY
(By Nature or Type)
For the Period Ended 31 March 2020

	Note	Original Annual Budget	Amended Annual Budget	YTD Budget (a)	YTD Actual (b)	Var. % (b)-(a)/(a)
		\$	\$	\$	\$	%
Opening Funding Surplus (Deficit)	3	1,630,400	1,432,345	1,432,345	1,432,345	0.00%
Revenue from operating activities						
Rates	2	13,410,680	13,086,984	13,074,478	13,071,816	(0.02%)
Operating Grants, Subsidies and Contributions		2,563,074	2,577,893	1,952,284	2,054,970	5.26%
Fees and Charges		5,989,971	6,256,572	5,417,247	5,383,914	(0.62%)
Interest Earnings		460,345	460,345	299,219	256,900	(14.14%)
Other Revenue		427,316	495,365	373,922	375,669	0.47%
Profit on Disposal of Assets	10	1,500	-	-	-	
		22,852,886	22,877,159	21,117,150	21,143,269	0.12%
Expenditure from operating activities						
Employee Costs		(12,291,093)	(12,640,508)	(9,424,496)	(9,924,567)	(5.31%)
Materials and Contracts		(8,122,358)	(8,209,677)	(6,195,039)	(4,726,267)	23.71%
Utility Charges		(719,114)	(721,514)	(548,071)	(461,296)	15.83%
Depreciation on Non-Current Assets		(3,505,012)	(3,505,012)	(2,628,603)	(2,657,537)	(1.10%)
Interest Expenses		(49,688)	(41,522)	(31,916)	(27,191)	14.80%
Insurance Expenses		(452,413)	(476,115)	(467,115)	(499,218)	(6.87%)
Other Expenditure		(870,570)	(918,563)	(596,951)	(695,240)	(16.47%)
Loss on Disposal of Assets	10	(9,819)	(9,819)	(7,362)	-	100.00%
		(26,020,067)	(26,522,732)	(19,899,554)	(18,991,317)	4.56%
Operating activities excluded from budget						
Add back Depreciation		3,505,012	3,505,012	2,628,603	2,657,537	1.10%
Adjust (Profit)/Loss on Asset Disposal		8,319	9,819	7,362	-	(100.00%)
Movement in Leave Reserve		14,871	14,871	5,659	5,659	0.00%
Amount attributable to operating activities		361,021	(115,870)	3,859,220	4,815,148	
Investing activities						
Grants, Subsidies and Contributions		2,066,917	1,758,927	406,000	313,000	(22.91%)
Proceeds from Disposal of Assets	10	656,500	657,740	-	-	
Land and Buildings	8	(1,748,710)	(1,747,137)	(512,134)	(458,098)	10.55%
Infrastructure Assets - Roads	8	(2,254,002)	(1,880,804)	(162,178)	(31,053)	80.85%
Infrastructure Assets - Footpaths	8	(50,000)	(50,000)	(20,000)	(11,931)	40.34%
Infrastructure Assets - Other	8	(1,305,620)	(1,391,045)	(147,585)	(54,293)	63.21%
Infrastructure Assets - Drainage	8	(63,541)	(63,541)	(63,541)	(9,861)	84.48%
Plant and Equipment	8	(53,500)	(37,975)	(37,975)	(15,255)	59.83%
Furniture and Equipment	8	(629,578)	(617,578)	(152,100)	(1,566)	98.97%
Amount attributable to investing activities		(3,381,534)	(3,371,413)	(689,513)	(269,056)	
Financing Activities						
Self-Supporting Loan Principal		23,766	23,766	17,979	17,979	0.00%
Transfer from Reserves	7	3,671,705	3,829,848	-	-	(100.00%)
Repayment of Debentures	4	(130,368)	(130,368)	(107,061)	(107,061)	0.00%
Transfer to Reserves	7	(2,150,310)	(1,668,018)	(47,084)	(47,084)	0.00%
Amount attributable to financing activities		1,414,793	2,055,228	(136,167)	(136,167)	
Closing Funding Surplus (Deficit)	3	24,680	291	4,465,885	5,842,270	

Town of Bassendean
STATEMENT OF FINANCIAL POSITION
For the Period Ended 31 March 2020

	2019-20	2018-19
	\$	\$
CURRENT ASSETS		
Cash and cash equivalents	14,488,826	12,355,302
Trade and other receivables	2,835,284	1,011,100
Inventories	10,426	17,076
TOTAL CURRENT ASSETS	<u>17,334,536</u>	<u>13,383,480</u>
NON-CURRENT ASSETS		
Financial Assets	122,620	122,620
Other receivables	512,264	530,243
Property, plant and equipment	55,792,955	55,780,007
Infrastructure	105,308,202	107,396,630
Interests in Joint Ventures	8,386,081	8,386,081
TOTAL NON-CURRENT ASSETS	<u>170,122,122</u>	<u>172,215,582</u>
TOTAL ASSETS	<u>187,456,658</u>	<u>185,599,062</u>
CURRENT LIABILITIES		
Trade and other payables	2,799,550	3,295,969
Current portion of long term borrowings	23,307	130,368
Provisions	2,414,048	2,417,923
TOTAL CURRENT LIABILITIES	<u>5,236,905</u>	<u>5,844,261</u>
NON-CURRENT LIABILITIES		
Long term borrowings	549,315	549,315
Provisions	158,837	158,837
TOTAL NON-CURRENT LIABILITIES	<u>708,153</u>	<u>708,153</u>
TOTAL LIABILITIES	<u>5,945,058</u>	<u>6,552,414</u>
NET ASSETS	<u>181,511,600</u>	<u>179,046,648</u>
EQUITY		
Retained surplus	31,627,083	29,209,215
Reserves - cash backed	7,004,097	6,957,012
Revaluation surplus	142,880,420	142,880,420
TOTAL EQUITY	<u>181,511,600</u>	<u>179,046,648</u>

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

TOWN OF BASSENDEAN

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

For the Period Ended 31 March 2020

Statement of Financial Position Detailed	2019/2020 \$	2018/2019 \$
CASH AND CASH EQUIVALENTS		
Unrestricted	4,979,911	3,031,343
Restricted	9,508,915	9,323,959
	<u>14,488,826</u>	<u>12,355,302</u>
The following restrictions have been imposed by regulations or other externally imposed requirements:		
Leave Reserve	749,190	743,532
Plant & Equipment Reserve	399,879	396,298
Community Facilities Reserve	54,100	53,616
Land & Building Infrastructure Reserve	1,905,004	1,887,948
Waste Management Reserve	1,095,176	1,085,370
Wind in the Willows Reserve	48,642	48,206
Aged Persons Reserve	555,943	550,966
Youth Development Reserve	29,491	29,227
Underground Power Reserve	85,116	84,354
Drainage Reserve	146,045	144,737
Tree Reserve	162,167	160,660
Bus Shelter Reserve	21,437	21,300
HACC Assets Replacement	123,893	122,784
Unspent Portion of Grants	1,628,013	1,628,013
Hyde Retirement Village Retention Bonds	257,550	256,550
Other Bonds & Deposits	2,247,269	2,110,398
	<u>9,508,915</u>	<u>9,323,959</u>
TRADE AND OTHER RECEIVABLES		
Current		
Rates Outstanding	2,601,120	785,846
Sundry Debtors - General	89,990	86,436
GST Receivable	39,758	32,274
Accrued Interest	-	2,130
Sundry Debtors - SSL	23,766	23,766
Long Service Leave Due from Other Councils	80,650	80,650
	<u>2,835,284</u>	<u>1,011,100</u>
Non-Current		
Rates Outstanding - Pensioners	325,083	325,083
Loans - Clubs/Institutions	187,181	205,160
	<u>512,264</u>	<u>530,243</u>
Investments - Government House	<u>122,620</u>	<u>122,620</u>
Investments- EMRC	<u>8,386,081</u>	<u>8,386,081</u>
INVENTORIES		
Current		
Fuel and Materials	10,426	17,076
	<u>10,426</u>	<u>17,076</u>
PROPERTY, PLANT AND EQUIPMENT		

TOWN OF BASSENDEAN

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

For the Period Ended 31 March 2020

Statement of Financial Position Detailed	2019/2020	2018/2019
	\$	\$
Land and Buildings		
- Independent Valuation 2017 - Level 2	36,381,646	36,381,646
Buildings at:		
- Independent Valuation 2017 - Level 3	26,275,930	26,275,930
- Additions after valuation - cost	458,098	-
Less: accumulated depreciation	(8,646,779)	(8,276,412)
	18,087,249	17,999,518
Total Land and Buildings	54,468,895	54,381,164
Furniture and Equipment - Management Valuation 2016	165,239	165,239
- Additions after valuation - cost	282,841	281,276
Less Accumulated Depreciation	(189,998)	(157,937)
Less Accumulated Depreciation	258,082	288,578
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	246,688	231,433
Less Accumulated Depreciation	(1,639,872)	(1,580,331)
-Less Disposals after Valuation	(216,389)	(216,389)
	1,003,358	1,047,644
Art Works		
- Management Valuation 2018 - Level 2	62,620	62,620
	62,620	62,620
	55,792,955	55,780,007

TOWN OF BASSENDEAN

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

For the Period Ended 31 March 2020

Statement of Financial Position Detailed	2019/2020	2018/2019
	\$	\$
INFRASTRUCTURE		
Roads - Independent Valuation 2017	84,599,586	84,599,586
- Additions after valuation - cost	31,053	
Less Accumulated Depreciation	<u>(19,229,239)</u>	<u>(18,117,855)</u>
	65,401,400	66,481,731
Footpaths - Independent Valuation 2017	10,332,111	10,332,111
- Additions after valuation - cost	11,931	
Less Accumulated Depreciation	<u>(3,667,131)</u>	<u>(3,484,861)</u>
	6,676,911	6,847,250
 INFRASTRUCTURE		
Drainage - Independent Valuation 2017	40,475,300	40,475,300
- Additions after valuation - cost	9,861	-
Less Accumulated Depreciation	<u>(18,512,406)</u>	<u>(18,065,759)</u>
	21,972,755	22,409,541
Parks & Ovals - Independent Valuation 2018	18,392,206	18,392,206
- Additions after valuation - cost	54,293	-
Less Accumulated Depreciation	<u>(7,189,362)</u>	<u>(6,734,096)</u>
	11,257,137	11,658,110
	<u>105,308,202</u>	<u>107,396,630</u>
 TRADE AND OTHER PAYABLES		
Current		
Sundry Creditors	294,555	656,856
Accrued Interest on Debentures	-	4,005
Accrued Salaries and Wages	-	268,160
Bonds & Other Deposits	2,247,269	2,110,398
Hyde Retirement Village Bonds	257,550	256,550
	<u>2,799,550</u>	<u>3,295,969</u>
 LONG-TERM BORROWINGS		
Secured by Floating Charge		
Loan Liability - Current	<u>23,307</u>	<u>130,368</u>
	23,307	130,368
 Non-Current		
Secured by Floating Charge		
Loan Liability - Non Current	<u>549,315</u>	<u>549,315</u>
	549,315	549,315

TOWN OF BASSENDEAN

NOTES TO AND FORMING PART OF THE FINANCIAL REPORT

For the Period Ended 31 March 2020

Statement of Financial Position Detailed	2019/2020	2018/2019
	\$	\$
PROVISIONS		
Current		
Provision for Annual Leave	1,034,666	1,038,542
Provision for Long Service Leave	1,379,382	1,379,382
	<u>2,414,048</u>	<u>2,417,923</u>
Non-Current		
Provision for Long Service Leave	158,837	158,837
	<u>158,837</u>	<u>158,837</u>
RECONCILIATION		
TOTAL CURRENT ASSETS	17,334,536	13,383,480
TOTAL NON CURRENT ASSETS	170,122,122	172,215,582
TOTAL ASSETS	187,456,658	185,599,062
TOTAL CURRENT LIABILITIES	5,236,905	5,844,261
TOTAL NON CURRENT LIABILITIES	708,153	708,153
TOTAL LIABILITIES	5,945,058	6,552,414
NET ASSETS	181,511,600	360,558,248

**TOWN OF BASSENDEAN
STATEMENT OF CASH FLOWS**

	2019/20 Actual \$	2019/20 Budget \$
CASH FLOWS FROM OPERATING ACTIVITIES		
Receipts:		
Rates	15,072,127	13,610,680
Operating grants, subsidies and contributions	2,054,970	2,711,074
Fees and charges	1,202,651	6,009,971
Interest	259,030	460,345
Goods and services tax	663,687	1,350,000
Other revenue	375,669	400,316
	<u>19,628,134</u>	<u>24,542,386</u>
Payments:		
Employee costs	(10,231,511)	(12,391,093)
Materials and contracts	(4,719,620)	(8,166,766)
Utility charges	(461,296)	(719,114)
Interest expenses	(31,196)	(44,688)
Insurance expenses	(499,218)	(452,413)
Goods and services tax	(636,263)	(900,000)
Other expenditure	(695,240)	(870,570)
	<u>(17,274,344)</u>	<u>(23,544,644)</u>
Net cash provided by (used in) operating activities	<u>2,353,790</u>	<u>997,742</u>
CASH FLOWS FROM INVESTING ACTIVITIES		
Receipts:		
Non-operating grants, subsidies and contributions	313,000	2,066,917
Proceeds from sale of assets	-	656,500
Payments:		
Payments for purchase of property, plant & equipment	(474,918)	(2,431,788)
Payments for construction of infrastructure	(107,138)	(3,673,163)
Net cash provided by (used in) investment activities	<u>(269,056)</u>	<u>(3,381,534)</u>
CASH FLOWS FROM FINANCING ACTIVITIES		
Receipts:		
Proceeds from self supporting loans	17,980	23,766
Transfer from Trust	137,871	400,000
Payments:		
Repayment of debentures	(107,061)	(130,368)
Net cash provided by (used in) financing activities	<u>48,790</u>	<u>293,398</u>
Net increase (decrease) in cash held	2,133,523	(2,090,393)
Cash and cash equivalents at beginning of year	12,355,302	12,377,774
Cash and cash equivalents at the end of the year	<u>14,488,826</u>	<u>10,287,380</u>

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 related items in the balance sheet as follows:

	2019/20 Actual \$	2019/20 Budget \$
Cash and Cash Equivalents	14,488,826	10,287,380

(b) Reconciliation of Net Cash Provided By Operating Activities to Net Result

Net Result	2,464,952	(1,100,264)
Depreciation	2,657,537	3,505,012
(Profit)/Loss on Sale of Asset	-	8,319
(Increase)/Decrease in Receivables	(2,178,824)	(60,000)
(Increase)/Decrease in Inventories	6,650	
Increase in Investment in Joint Venture	-	-
Increase/(Decrease) in Payables & Accruals	(279,649)	225,000
Increase/(Decrease) in Employee Provisions	(3,876)	50,000
Grants/Contributions for the Development of Assets	(313,000)	(1,630,325)
Net Cash from Operating Activities	2,353,790	997,742

TOWN OF BASSENDEAN
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 March 2020

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 greater than 10% or \$5000.

⊕ More Revenue OR Less Expenditure
⊖ Less Revenue OR More Expenditure

Reporting Program	Var. \$	Var. %	Var.	Timing/ Permanent	Explanation of Variance
Operating Revenue	\$	%			
Governance	8,179	28%	⊖	Timing	Budget Timing
General Purpose Funding - Rates	(2,662)	(0%)			Within Variance Threshold
General Purpose Funding - Other	(31,802)	(5%)		Timing/ Permanent	Investment interest tracking under budget/Timing of Income
Law, Order and Public Safety	14,473	14%	⊕	Timing	Additional income from fines/Q4 ESL Grant received in advance/Timing of Income
Health	4,702	0%			Within Variance Threshold
Education and Welfare	20,859	1%		Timing	Timing of Grant received for Youth Services
Community Amenities	(16,145)	(14%)	⊖	Timing	Town Planning fees tracking under the YTD budget
Recreation and Culture	13,434	6%		Timing	Hall Hire and Public Events income above YTD budget
Transport	(4,984)	(8%)			Within Variance Threshold
Economic Services	6,861	6%			Within Variance Threshold
Other Property and Services	13,204	20%	⊕	Timing	Private works income tracking above YTD budget
Operating Expense	\$	%			
Governance	7,952	1%			Within Variance Threshold
General Purpose Funding	6,840	1%			Within Variance Threshold
Law, Order and Public Safety	56,658	10%	⊕	Timing	Bassendean SES to claim ESL Grant/Savings in the Emergency Services Program budget/Timing of Expenditure
Health	278,719	11%	⊕	Timing	Timing of Expenditure/Bulk rubbish collection due in May/FOGO and Environmental projects
Education and Welfare	(128,339)	(3%)		Timing	WIW tracking above budget due to timing/Seniors tracking above budget due to demand/HRV building maintenance/refurbishment above YTD budget
Community Amenities	42,301	4%		Timing	Timing of expenditure-community amenities maintenance under YTD budget
Recreation and Culture	109,268	2%		Timing/ Permanent	Cultural and Leisure Programs and Public Events under budget
Transport	483,726	10%	⊕	Timing	Timing of Expenditure-Street Tree Planting Program and other Projects
Economic Services	20,317	2%		Timing	Timing of expenditure
Other Property and Services	40,794	81%	⊖	Timing/ Permanent	Timing of expenditure
Operating activities excluded from budget					
Depreciation	(28,934)	1%		Timing	Within Variance Threshold/Depreciation tracking above budget
Adjust (Profit)/Loss on Asset Disposal	(7,362)	(100%)		Timing	Timing of disposal of assets
Capital Revenues					
Grants, Subsidies and Contributions	(93,000)	(23%)	⊖	Timing	Timing of grant funding received - FOGO
Proceeds from Disposal of Assets	0				Within Variance Threshold
Capital Expenses					<i>Refer to Note 8 for Capital expenditure detail</i>
Land and Buildings	(54,036)	11%		Timing	Timing of projects
Infrastructure - Roads	(131,125)	81%		Timing	Timing of projects
Infrastructure - Footpaths	(8,069)	40%		Timing	Timing of projects/in progress
Infrastructure Assets - Other	(93,292)	63%		Timing	Timing of projects
Infrastructure Assets - Drainage	(53,680)	84%		Timing	Timing of projects/in progress
Plant and Equipment	(22,720)	60%		Timing	Timing/in progress
Furniture and Equipment	(150,534)	99%		Timing	Timing of projects
Financing					
Self-Supporting Loan Principal	0	0%			Within Variance Threshold
Transfer from Reserves	0	(100%)			Within Variance Threshold/Transfers from reserve to fund capital projects still to occur
Repayment of Debentures	0	0%			Within Variance Threshold
Transfer to Reserves	0	0%			Within Variance Threshold/Transfers to reserve still to occur
Opening Funding Surplus(Deficit)	0	0%			

TOWN OF BASSENDEAN
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 March 2020

Note 2: Rating Information	Rate in	Number of Properties	Rateable Value	YTD Actual				Amended Budget			
				Rate Revenue	Interim Rates	Back Rates	Total Revenue	Rate Revenue	Interim Rate	Back Rate	Total Revenue
RATE TYPE	\$		\$	\$	\$	\$	\$	\$	\$	\$	\$
General Rate	7.3020	5,962	162,036,773	11,625,473	34,618	12,614	11,672,706	11,909,496	50,000	12,614	11,972,110
Sub-Totals		5,962	162,036,773	11,625,473	34,618	12,614	11,672,706	11,909,496	50,000	12,614	11,972,110
Minimum											
Minimum Payment											
Minimum Rate	1,106	1,300	17,972,511	1,399,111	-	-	1,399,111	1,399,111	-	-	1,399,111
Sub-Totals		1,300	17,972,511	1,399,111	-	-	1,399,111	1,399,111	-	-	1,399,111
Amount from General Rates		7,262	180,009,284	13,024,584	34,618	12,614	13,071,816	13,308,607	50,000	12,614	13,371,221
Totals							13,071,816				13,371,221

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 2019/20 were issued on the 6th September 2019. The due date for the payment of rates is October 11th 2019, 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 2019/20 are:
 1st: 11 October 2019
 2nd: 13 December 2019
 3rd: 14 February 2020
 4th: 17 April 2020

TOWN OF BASSENDEAN
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 March 2020

Note 3: Net Current Funding Position

Positive=Surplus (Negative=Deficit)

	Last Years Actual Closing	Current
	30 June 2019	31 Mar 2020
	\$	\$
Current Assets		
Cash Unrestricted	3,031,342	6,486,047
Cash Restricted	6,957,012	6,999,760
Restricted Cash - Trust	2,366,948	1,003,019
Rates Outstanding	785,846	2,601,120
Sundry Debtors	190,852	194,406
GST Receivable	32,274	39,758
Accrued Interest	2,130	-
Inventories	17,076	10,426
	13,383,480	17,334,536
Less: Current Liabilities		
Sundry Creditors	(656,856)	(294,555)
Accrued Interest on Debentures	(4,005)	-
Accrued Salaries and Wages	(268,160)	-
Hyde Retirement Village Bonds	(256,550)	(257,550)
Bonds and Other Deposits	(2,110,398)	(2,247,269)
Current Employee Provisions	(2,417,924)	(2,414,048)
	(5,713,893)	(5,213,598)
Net Current Assets	7,669,587	12,120,938
Less: Cash Reserves	(6,957,012)	(7,004,097)
Less: SSL Borrowings Repayments	(23,766)	(23,766)
Plus : Liabilities funded by Cash Backed Reserves	743,532	749,190
Net Current Funding Position	1,432,345	5,842,270

TOWN OF BASSENDEAN
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 March 2020

Note 4 : Information on Borrowings

(a) Debenture Repayments

Particulars	01 Jul 2019	Principal Repayments		Principal Outstanding		Interest Repayments	
		Actual	Annual Budget	Actual	Budget	Actual	Annual Budget
		\$	\$	\$	\$	\$	\$
Recreation and Culture							
Loan 156 - Civic Centre Redevelopment	38,133	38,133	38,133	0	-	1,018	5,425
Loan 160A - Civic Centre Redevelopment	291,410	38,030	51,115	253,380	240,295	13,048	20,475
Loan 160B- Civic Centre Redevelopment	121,214	12,920	17,355	108,294	103,859	3,891	7,786
Self Supporting Loans-Governance							
Loan 157 - Ashfield Soccer Club	11,408	4,857	6,123	6,551	5,285	449	845
Loan 162 - TADWA	217,518	13,122	17,643	204,396	199,875	8,786	15,158
	679,683	107,061	130,368	572,622	549,314	27,191	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

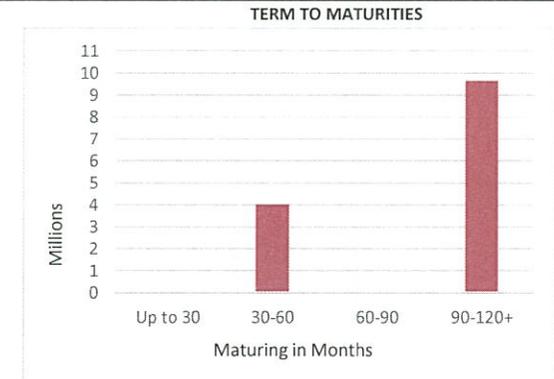
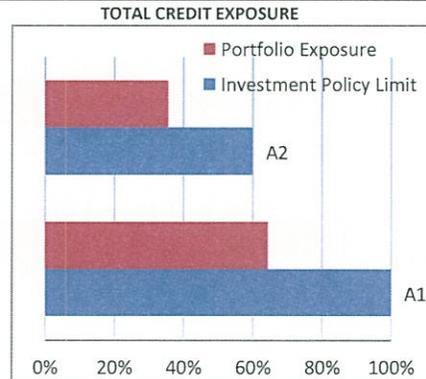
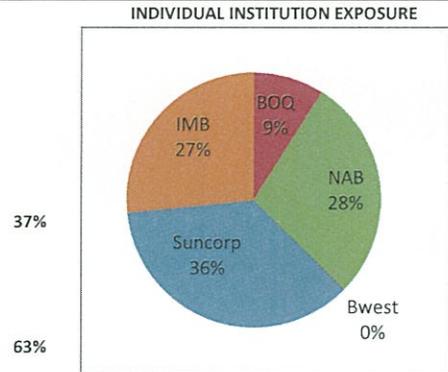
It is anticipated that this facility will not be required in the 2019/20 Financial Period.

**Town of Bassendean
Monthly Investment Report
For the Period Ended 31 March 2020**

Note 5 : CASH INVESTMENTS

Deposit Ref	Deposit Date	Maturity Date	S & P Rating	Institution	Term (Days)	Rate of Interest	Amount Invested (Days)				Total	Expected Interest
							Up to 30	30-60	60-90	90-120+		
Municipal												
51642	17/03/2020	28/04/2020	A2	IMB	42	1.05%	-	1,000,000.00	-	-	1,000,000.00	1,208.22
51588	3/03/2020	3/04/2020	A2	IMB	31	0.85%	-	1,500,000.00	-	-	1,500,000.00	1,082.88
51716	31/03/2020	12/05/2020	A2	IMB	42	1.10%	-	1,500,000.00	-	-	1,500,000.00	1,898.63
Restricted - Bonds and Deposits:												
176945	29/10/2019	30/04/2020	A2	BOQ	184	1.60%	-	-	-	400,000.00	400,000.00	3,226.30
4199210	24/02/2020	25/05/2020	A1	Suncorp	91	1.40%	-	-	-	1,500,000.00	1,500,000.00	5,235.62
							-	4,000,000.00	-	1,900,000.00	5,900,000.00	12,651.64
Reserve												
176938	29/10/2019	30/04/2020	A2	BOQ	184	1.60%	-	-	-	780,079.24	780,079.24	6,291.93
4198587	25/11/2019	25/05/2020	A1	Suncorp	182	1.55%	-	-	-	3,235,185.04	3,235,185.04	25,003.99
42-158-0541	13/01/2020	14/04/2020	A1	NAB	92	1.60%	-	-	-	977,635.13	977,635.13	3,942.67
76-133-4101	20/01/2020	19/05/2020	A1	NAB	120	1.60%	-	-	-	2,006,860.28	2,006,860.28	10,556.63
							-	-	-	6,999,759.69	6,999,759.69	45,795.23
Trust												
089-062126-4	27/02/2020	27/04/2020	A1	Bankwest	60	1.00%	-	-	8,450.75	-	8,450.75	13.89
94-401-6261	20/01/2020	19/05/2020	A1	NAB	120	1.60%	-	-	-	736,097.77	736,097.77	3,872.07
							-	-	8,450.75	736,097.77	744,548.52	3,885.96
Total							-	4,000,000.00	8,450.75	9,635,857.46	13,644,308.21	62,332.83

ENVIRONMENTAL COMMITMENT	
Depositing Institution	Value Invested
Fossil Fuel Lending ADI	
BOQ	1,180,079.24
NAB	\$3,720,593.18
Bankwest	\$8,450.75
	4,909,123.17
Non Fossil Fuel Lending ADI	
IMB	3,500,000.00
Suncorp	4,735,185.04
	8,235,185.04
Total Funds	\$13,144,308.21

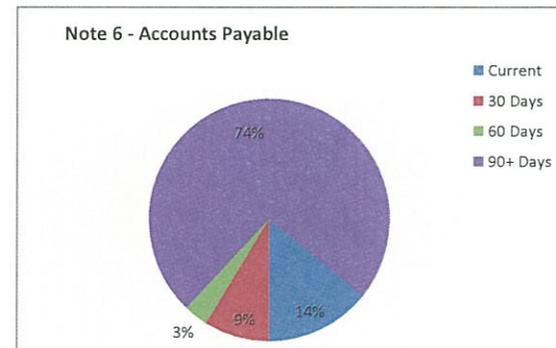
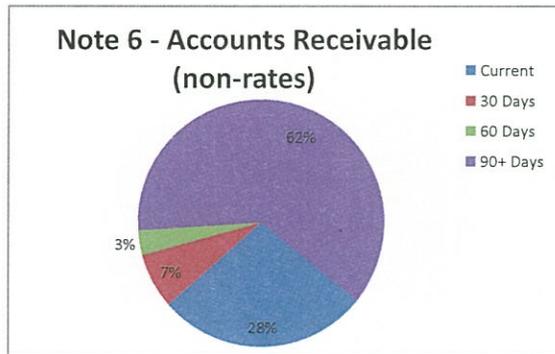


TOWN OF BASSENDEAN
 NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
 For the Period Ended 31 March 2020

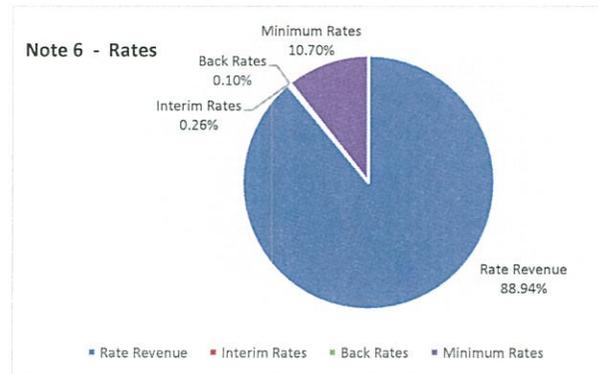
Note 6: Receivables and Payables

Receivables - General	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$
Receivables - General	21,784	5,703	2,545	48,684	78,716
Balance per Trial Balance					
Sundry Debtors					78,716
Total Receivables General Outstanding					78,716

Payables - General	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$
Payables - General	2,644	1,623	611	13,748	18,626
Balance per Trial Balance					
Sundry Creditors					18,826
Total Payables General Outstanding					18,826



Comments/Notes - Receivables General
 The above amounts included GST where applicable.



TOWN OF BASSENDEAN
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 March 2020

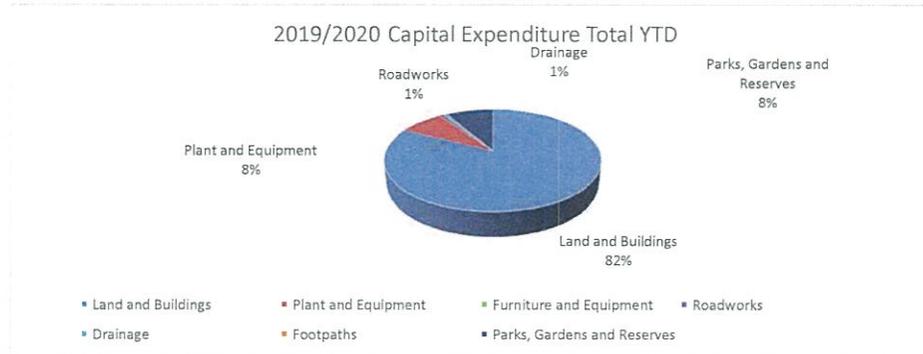
Note 7: Cash Backed Reserves

Name	Opening Balance \$	Original Annual Budget Transfers In (+) Including Interest \$	Original Annual Budget Transfers Out (-) \$	Original Annual Budget Closing Balance \$	Amended Annual Budget Transfers In (+) Including Interest	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	396,298	7,926	(50,000)	354,224	7,926	(30,235)	373,989	3,580	-	399,879
Community Facilities Reserve	53,617	1,072	-	54,689	1,072	-	54,689	484	-	54,100
Land And Buildings Infrastructure Reserve	1,887,948	681,841	(1,263,500)	1,306,289	681,841	(1,263,500)	1,306,289	17,056	-	1,905,004
Waste Management Reserve	1,085,370	21,707	(617,578)	489,499	21,707	(617,578)	489,499	9,805	-	1,095,176
Wind In The Willows Child Care Reserve	48,206	964	(35,000)	14,170	964	(35,000)	14,170	436	-	48,642
Aged Persons Reserve	507,423	10,148	-	517,571	10,148	-	517,571	4,978	-	555,943
Youth Development Reserve	29,229	50,585	-	79,814	50,585	-	79,814	264	-	29,491
Underground Power Reserve	84,354	1,687	-	86,041	1,687	-	86,041	762	-	85,116
Employee Entitlements Reserve	743,532	14,871	(345,923)	412,480	14,871	(523,831)	234,572	5,659	-	749,190
Drainage Infrastructure Reserve	144,737	2,895	(63,541)	84,091	2,895	(63,541)	84,091	1,308	-	146,045
Hacc Asset Replacement Reserve	133,214	2,664	(5,000)	130,878	2,664	(5,000)	130,878	1,109	-	123,893
Unspent Grants Reserve	1,597,552	50,000	(1,115,000)	532,552	50,000	(1,115,000)	532,552	-	-	1,628,013
Street Tree Reserve	176,163	103,523	(176,163)	103,523	103,523	(176,163)	103,523	1,507	-	162,167
Bus Shelter Reserve	21,300	426	-	21,726	426	-	21,726	137	-	21,437
Information Technology Reserve	-	200,000	-	200,000	200,000	-	200,000	-	-	-
Future Projects Reserve	-	1,000,000	-	1,000,000	517,708	-	517,708	-	-	-
	6,908,943	2,150,310	(3,671,705)	5,387,548	1,668,018	(3,829,848)	4,747,113	47,084	-	7,004,097

Town of Bassendean
 NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
 For the Period Ended 31 March 2020

Note 8: Capital Works Program

Assets	Budget					YTD Actual		Purchase Order Value	YTD Variance Budget to Actual
	Annual Budget	Amended Budget	YTD Budget	New/ Upgrade	Renewal	2019/2020 Capital Expenditure Total YTD	YTD		
Land and Buildings	\$ 1,748,710	\$ 1,747,137	\$ 512,134	\$ 396,675	\$ 61,422	\$ 458,098	\$ 50,328	\$ (54,036)	
Plant and Equipment	\$ 53,500	\$ 37,975	\$ 37,975	\$ -	\$ 15,255	\$ 15,255	\$ 22,720	\$ (22,720)	
Furniture and Equipment	\$ 629,578	\$ 617,578	\$ 152,100	\$ 1,566	\$ -	\$ 1,566	\$ 456,410	\$ (150,534)	
Roadworks	\$ 2,254,002	\$ 1,880,804	\$ 162,178	\$ -	\$ 31,053	\$ 31,053	\$ 161,358	\$ (131,125)	
Drainage	\$ 63,541	\$ 63,541	\$ 63,541	\$ 9,861	\$ -	\$ 9,861	\$ 57,385	\$ (53,680)	
Footpaths	\$ 50,000	\$ 50,000	\$ 20,000	\$ -	\$ 11,931	\$ 11,931	\$ 18,076	\$ (8,069)	
Parks, Gardens and Reserves	\$ 1,305,620	\$ 1,391,045	\$ 157,585	\$ 32,560	\$ 21,733	\$ 54,293	\$ 35,933	\$ (103,292)	
	\$ 6,104,951	\$ 5,788,080	\$ 1,105,513	\$ 440,662	\$ 141,394	\$ 582,056	\$ 802,210	\$ (523,457)	



TOWN OF BASSENDEAN
 NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
 For the Period Ended 31 March 2020

Note 9: Budget Amendments

GL Account Code	Description	Current Budget	Amended Budget	Budget Movement	Reason
122015	Income - Sport & Rec - Capital Grant	\$ (1,013,700)	\$ (1,169,600)	\$ (155,900)	Grant funding from Gaming and Community Trust and Stronger Communities Grant Program for the Men's Shed fit-
AB1911	Men's Shed - Fitout	\$ -	\$ 155,900	\$ 155,900	out Fitout of the Men's Shed
NET CHANGE IN AMENDMENTS				\$ -	NIL CHANGE TO SURPLUS

Asset Class	Original Annual Budget			Amended Annual Budget			YTD Actual		
	Value	Proceeds	Profit (Loss)	Value	Proceeds	Profit (Loss)	Value	Proceeds	Profit (Loss)
Plant & Equipment	14,819	6,500	1,500 (9,819)	14,819	7,740	(9,819)	-	-	-
Land	650,000	650,000	-	650,000	650,000	-	-	-	-
Program	664,819	656,500	1,500 (9,819)	664,819	657,740	(9,819)	-	-	-
Community Amenities	650,000	650,000	-	650,000	650,000	-	-	-	-
Other Property & Services	14,819	6,500	1,500 (9,819)	14,819	6,500	(9,819)	-	-	-
	664,819	656,500	1,500 (9,819)	664,819	656,500	(9,819)	-	-	-

TOWN OF BASSENDEAN
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
For the Period Ended 31 March 2020

Note 11: Trust, Bonds and Deposits

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

Description	Opening Balance 1/07/2019	Amount Received	Amount Paid	Closing Balance 31/03/2020
	\$	\$	\$	\$
Public Open Space	728,410	7,688	-	736,098
Total Uncontrolled Trust Funds	728,410	7,688	-	736,098

Bonds and Deposits held at balance date over which the Town has control are as follows:

Description	Opening Balance 1/07/2019	Amount Received	Amount Paid	Closing Balance 31/03/2020
Hyde Retirement Village Retention Bonds	256,550	1,250	(250)	257,550
<u>Other Bonds and Deposits</u>				
Sundry	323,572	48,451	(14,080)	357,942
Securities	933,053	363,476	(189,067)	1,107,462
Hall Hire Bonds	32,311	23,850	(25,200)	30,961
Crossover Deposits	108,675	-	-	108,675
Landscaping Bonds	685,264	81,872	(153,571)	613,565
Stormwater Deposits	26,456	3,000	(1,860)	27,596
Lyneham Hostel Residents Trust-T614	1,050	-	-	1,050
Iveson Hostel Residents Trust-T614	18	-	-	18
Total Other Bonds and Deposits	2,110,398	520,649	(383,778)	2,247,269
Total Controlled Trust Funds	2,366,948	521,899	(384,028)	2,504,819

ATTACHMENT NO. 9

TOWN OF BASSENDEAN

MINUTES

BASSENDEAN LOCAL EMERGENCY MANAGEMENT COMMITTEE

ON WEDNESDAY 1 APRIL 2020 AT 3.30PM

In accordance with regulation 12(2) and 14D of the Local Government (Administration) Regulation 1996, due to the public health emergency arising from the COVID-19 pandemic, the Mayor has considered it appropriate for this meeting to be held by electronic means

1.0 DECLARATION OF OPENING/ANNOUNCEMENT OF VISITORS

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

2.0 ATTENDANCES, APOLOGIES AND APPLICATIONS FOR LEAVE OF ABSENCE

Members

Cr Hilary MacWilliam, Presiding Member
Sharna Merritt, Senior Ranger (ToB)
Jeff Somes, Senior Environmental Health Officer (ToB)
Phil Adams, Executive Manager Infrastructure (ToB)
Luke Gibson, Director Community Planning (ToB)
Donna Shaw, Manager Development and Place (ToB)
Leigh Bishop, DFES, District Officer Swan
Steve Hall, St John Ambulance
Sharon Ellis, Department of Communities
Ryan Hamblion, Department of Communities
Mark Melvin, SES
John Lane, Executive Officer (non-voting)
Merveen Cross, District Advisor (non-voting)
Amy Holmes, Minute Secretary (non-voting)

Observer

Cr Renee McLennan

Apologies

Cr Kathryn Hamilton
Peta Mabbs, CEO (ToB)
Steve Blackford, SES

3.0 DEPUTATIONS

Nil

4.0 CONFIRMATION OF MINUTES

4.1 Minutes of the Bassendean Local Emergency Management Committee meeting held on 5 February 2020

COMMITTEE/OFFICER RECOMMENDATION – ITEM 4.1

MOVED Luke Gibson, Seconded Jeff Somes, that the minutes of the BLEMC meeting held on 5 February 2020, be confirmed as a true record.

CARRIED UNANIMOUSLY 11/0

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 OFFICER REPORTS

8.1 Town of Bassendean response to COVID-19

Luke Gibson (Director Community Planning, Town of Bassendean) spoke on the Town's response to this situation and made the following points:

- *Most staff are working remotely from home. The Library, Youth Services and Customer Service Centre are closed. Childcare services continue to operate for those working parents.*
- *Business Continuity Plan being constantly updated.*
- *Staff are being redeployed to support the evolving nature of the situation. Youth and events are assisting with community efforts.*
- *CEO/staff are preparing budget based on 0% rates increase as well as a Hardship Policy.*
- *All bookings of Town facilities have been cancelled and refunds issued.*
- *Playgrounds and exercise equipment closed and drinking fountains turned off.*
- *Community Information Hotline has been set up.*
- *Information is available on the Town's website and Facebook page.*
- *Town is providing in-home services to seniors in the Town.*

COMMITTEE/OFFICER RECOMMENDATION - ITEM 8.1

BLEMC – 1/04/20 MOVED Luke Gibson, Seconded Cr MacWilliam, that the Town's response to the COVID-19 pandemic be noted.
CARRIED UNANIMOUSLY 11/0

8.2 **DWER report in response to Cleanaway Fire, Guildford**

The Department of Water and Environmental Regulation (DWER) Pollution Response Unit produced an Action Report on the 25 November 2019 fire at the Cleanaway Materials Recovery Facility in South Guildford.

Jeff Somes (Senior Environmental Health Officer) gave a brief summary of the report, which indicated that the fire had little impact on land within the Town of Bassendean.

COMMITTEE/OFFICER RECOMMENDATION - ITEM 8.2

BLEMC – 2/04/20 MOVED Jeff Somes, Seconded Luke Gibson, that the Action Report from DWER's Pollution Response Unit on the fire at the Cleanaway Materials Recovery Facility Fire in South Guildford be received, assessed and relevant recommendations made to Council (Attachment 3).
CARRIED UNANIMOUSLY 11/0

8.3 Cleanaway Fire – Resident concerns

In response to the fire at Cleanaway's Guildford site in November 2019, the Town of Bassendean received a complaint from a nearby resident, in relation to the public health and safety impacts. The complaint went on to seek that the Bassendean community is provided with the following:

1. *“Access to all monitoring data and sampling undertaken so far;*
2. *A dedicated environmental health investigation to quantify the pollution impact and residues in our environment and Swan River and monitor them over time;*
3. *Evidence that Cleanaway has the necessary expertise, training, infrastructure and equipment to respond to fire at its premises; and*
4. *An assurance that Cleanaway relocates to an appropriate location with an adequate buffer zone.”*

Luke Gibson (Director Community Planning, Town of Bassendean) advised that points 1 and 2 have been satisfied already by virtue of the report discussed as part of the previous item and that it is not appropriate to advocate for point 4. Therefore, the focus should be on point 3 and it may be appropriate for the Committee to suggest that Council raises the concerns with Department of Water and Environmental Regulation and asks it for a response on the issue.

COMMITTEE RECOMMENDATION - ITEM 8.3

BLEMC – 3/04/20 MOVED Luke Gibson, Seconded Jeff Somes, that:

1. The BLEMC requests the items listed above be considered and relevant recommendations be made to Council; and
2. The BLEMC recommends that Council approaches the Department of Water and Environmental Regulation with the concerns and asks it for a response.

CARRIED UNANIMOUSLY 11/0

8.4 Local Emergency Management Arrangements update

The LEMA and Recovery Plan have now been circulated to all Committee members and amendments incorporated.

COMMITTEE/OFFICER RECOMMENDATION – ITEM 8.4

BLEMC – 4/04/20 MOVED Donna Shaw, Seconded Leigh Bishop, that the Committee endorses the current versions of both the LEMA and Recovery Plan and present them to Council for noting in accordance with requirements and, that following this process, the respective Certificates of Approval be signed by the Chair of the BLEMC and the Mayor of the Town of Bassendean.

CARRIED UNANIMOUSLY 11/0

8.5 BLEMC Instrument of Delegation

The BLEMC's Instrument of Delegation has been reviewed and an amended Instrument has been prepared for Council's consideration.

This item was for information only and did not require a vote.

8.6 Emergency Management Agency Reports

SEMC Business Unit

A report will be provided in due course.

District Emergency Management Committee (DEMC)

The DEMC has not met since the last reported meeting on Monday 16 March.

WALGA LGEMAG

The LGEMAG has not met since the last reported meeting of 10 December 2019. Any future meeting will be conducted on-line.

Local Welfare Committee

The Department of Communities is providing welfare services (accommodation and food) to those in self isolation, if family / friends / community groups are unable to assist. A taskforce has been set up to deal with vulnerable people. Staff have been assisting at Perth airport with triage and putting travellers into quarantine accommodation.

The Department is in the process of setting up a Covid 19 Hotline.

COMMITTEE/OFFICER RECOMMENDATION – ITEM 8.6.

- BLEMC – 5/04/20 MOVED Cr MacWilliam, Seconded Sharna Merritt, that the Emergency Management Agency Reports be received.
CARRIED UNANIMOUSLY 11/0

8.7 Post-Incident Reports and Post Exercise Reports

The report of the BLEMC Success Hill Bushfire exercise was attached.

John Lane (Executive Officer) advised that any queries can be directed to him.

COMMITTEE/OFFICER RECOMMENDATION– ITEM 8.7

- BLEMC – 6/04/20 MOVED Luke Gibson, Seconded Donna Shaw, that the post exercise report on the Success Hill Bushfire be received and Committee members asked to provide any feedback to John Lane before the next Committee meeting on 1 July 2020.
CARRIED UNANIMOUSLY 11/0

8.8 Contact Details and Key Holders

Committee members are requested to email any updates to the meeting organiser.

Leigh Bishop advised that he is relocating to Cockburn and that DFES will provide new representation and updated contact details.

It was noted that Cr Kathryn Hamilton also needs to be added to the list of members.

COMMITTEE/OFFICER RECOMMENDATION – ITEM 8.8.

- BLEMC – 7/04/20 MOVED Luke Gibson, Seconded Cr MacWilliam, that the Committee members' contact details be confirmed, with the aforementioned amendments.
CARRIED UNANIMOUSLY 11/0

8.9 Preparedness, Prevention, Response and Recovery Issues

Merveen Cross reported that an Operational Area Support Group meeting, between the four districts (east, south, central & north) is being held on Friday at 3pm, to discuss the current Covid 19 Pandemic. Local governments will need to send representation.

COMMITTEE/OFFICER RECOMMENDATION – ITEM 8.9

BLEMC – 8/04/20 MOVED Cr MacWilliam, Seconded Luke Gibson, that the Preparedness, Prevention, Response and Recovery Issues raised, be received.

CARRIED UNANIMOUSLY 11/0

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

There being no further business, the Presiding Member declared the meeting closed, the time being 4.33pm.

The next meeting is to be held on Wednesday 1 July at 3:30pm.



Government of **Western Australia**
Department of **Water and Environmental Regulation**

Pollution Response Unit
Action Report

Cleanaway Materials Recovery Facility Fire
Hyne Road, South Guildford 25/11/19

Department of Water and Environmental Regulation
Prime House, 8 Davidson Terrace
Joondalup Western Australia 6027
Locked Bag 10 Joondalup DC WA 6919

Phone: 08 6364 7000

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National Relay Service 13 36 77

dwer.wa.gov.au

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Month 2019

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Background

Department of Water and Environmental Regulation – Pollution Response Unit

Under the provisions of the State Emergency Management Plan, the Department of Water and Environmental Regulation (DWER) is required to provide emergency response environmental monitoring for discharges of hazardous materials (HAZMAT) and provide advice on risks to public health and the environment (State Emergency Management Plan).

DWER is on direct-callout readiness for the Department of Fire Emergency Services (DFES) and other emergency services to respond to emergency call outs.

DWER operates a Pollution Response Unit (PRU) that has five full time officers and a Senior Manager. It also has several officers from other areas of DWER who are trained to respond to pollution incidents. The officers are trained by the United States Environmental Protection Agency as 'HAZMAT Specialists' to be able to carry out emergency response air monitoring.

DWER has a range of instruments that provide 'real-time' results in the field for a range of air toxics (gases) and particulates.

The Facility

The Cleanaway Materials Recovery Facility (MRF), which opened in 2017, is located at Lot 62 Hyne Road, South Guildford. The facility is licensed under Schedule 1 of the *Environmental Protection Regulations 1987* as Category 61A (solid waste facility) and 62 (solid waste depot). The facility was designed to accept mixed recyclables and separate them using a mechanical system augmented by human 'pickers'. Part of the process involved baling paper and cardboard, then stockpiling the bales internally prior to transport off site.

Plastic material, including HDPE, plastics bags, and other mixed plastics were pre-sorted, then baled and stored inside the Finished Product Area.

Response

Notification and Deployment

At 09:26 hrs, Monday 25 November 2019, DFES requested DWER's PRU to respond to a 'Fifth Alarm' structure fire at the Cleanaway MRF in South Guildford. Three Pollution Response vehicles and five officers were immediately deployed as a 'Code 3' (highest level of response for DWER PRU) emergency response. Officers arrived on scene approximately 30 minutes after the DFES notification and immediately deployed downwind to conduct air monitoring. A dense grey smoke plume was being emitted when officers arrived (Appendix 1 Photo 1).

Incident Action Plan (IAP)

DWER's Incident Action Plan:

1. Protect public health from emissions and airborne contaminants by monitoring the air downwind to provide advice to DFES, and
2. Protect the environment from discharges of wastewater (firefighting run off) by assessing run off and advising DFES on protective actions.

1) Emergency Response Air Monitoring

PRU officers were deployed in two vehicles downwind to carry out emergency response air monitoring with the immediate priority given to the nearest residential areas west and east of the Swan River located in the suburbs of South Guildford and Bassendean.

At approximately 10:30 hrs, PRU officers conducted air monitoring within the industrial area adjacent to the fire. As a result of the readings, advice was provided to DFES for the evacuation of the immediate industrial area.

At approximately 11:00 hrs, it is understood that the fire spread to the plastic material causing a significant increase in the heat of the fire and the emission of a dense black smoke plume which was later visible from Rottnest Island (Photos 2 and 3).

DFES deployed an 'Air Intelligence' helicopter which provided key observational information, including smoke plume direction and potential ground impact to the DWER Pollution Response Commander. This assisted officers with determining and prioritising air monitoring locations across the surrounding suburbs (Photo 4).

Air monitoring was conducted at additional sensitive receptors which included Hillcrest Primary School, Bassendean Primary School, Guildford Primary School and Eden Hill Primary School. Results and observations were provided to DFES, Department of Education and Department of Health.

Mobile air monitoring continued throughout the day and into the night with the locations changing as the wind changed direction and the plume cooled and dropped to ground level (Photo 5).

Between Tuesday and Saturday, DWER PRU air monitoring was undertaken during day time operations whilst machinery actively removed smouldering waste from the facility for DFES to extinguish.

Air monitoring guidelines, locations and readings for the duration of the fire are provided in Appendix 2, 3 and 4 respectively.

An interactive map (Map 1) is available at this website:

<https://dow.maps.arcgis.com/apps/webappviewer/index.html?id=0ca6d0d296044579a09470b527b5f5c2>

2) Firefighting Run-off Water Management

Firefighting run-off water was leaving the site through the Hyne Rd stormwater drainage network (Appendix 5). As a result DWER PRU and the City of Swan commenced an assessment to determine the connectivity and direction of flow path to inform decision making around containment and recovery of impacted firefighting run-off. It was identified that the stormwater drains from the fire entered an open drainage system that eventually led to the Swan River approximately 1 km away. This prompted immediate mitigating action involving a temporary dam (earth bund) being installed by the City of Swan within the open drain (Photo 6).

DWER PRU requested Cleanaway to commence the recovery of firefighting runoff from the stormwater drainage network (Photo 7).

Due to the high volume of water being applied to the fire, DWER had concerns that the dam would eventually overflow as vacuum tankers had approximately a two hour turnaround time (Henderson).

Consequently, DWER PRU then facilitated the approval for Cleanaway to dispose of the firefighting run off water to the Water Corporation's Bridge Street Sewage Pump Station located approximately 1.5 km away.

Despite recovery actions and a change to disposal locations arrangements, at around 9:20pm, PRU officers observed firefighting run off water overflowing from a spoon drain onto Great Eastern Hwy at the rear of 8 Anvil Close, and running down the road into a stormwater drain (Photo 8). A small amount of foam was visible and the odour was consistent with fire water runoff.

On Tuesday 26 November 2019, further preventative measures were undertaken with Department of Biodiversity, Conservation and Attractions (DBCA), River and Estuaries officers installing booms at the stormwater discharge point near the Swan Estuary as well as the entry point into the river (Photo 9). Hay bales were also sourced and positioned within the open stormwater drain as a contingency for the filtration of particulates should the dam be compromised (Photos 10 & 11).

DWER PRU continued to oversee Cleanaway's recovery efforts involving the containment, recovery and disposal of the firefighting run off. Information provided by Cleanaway suggest the recovery efforts continued through to 17 December.

Cleanaway has advised that it has pumped out more than four million litres of water from the drainage system since the fire. It is estimated that around 200,000 litres of firefighting run off water potentially entered the Swan Estuary.

Water sampling

On the 26 November DBCA Rivers and Estuaries Officers collected samples of water flowing from the Hyne Road drain at the opening of the culvert into the Swan Estuary (Sample 1) and within the estuary (Sample 2) 5-10 metres from the discharge point (Map 2). The certificate of analysis for this sampling is located in Appendix 5.

On the 27 November DWER PRU sampled pooled firewater runoff immediately adjacent (upstream) to the blocked drain. The certificate of analysis for this sampling is located in Appendix 6.

DBCA Rivers and Estuaries in consultation with DWER Aquatic Science have prepared a "Statement of environmental impact to the Swan and Canning estuary from the South Guildford Cleanaway facility fire". This statement is located in Appendix 7.

Swab sampling

PRU officers collected swab samples from five houses that were identified to be in the path of the plume as it elevated above the suburb of South Guildford. A background swab was also obtained. Samples were submitted to the Chemistry Centre for analysis for a suite of analytes including dioxins. The results are expected to be available by late-January.

On the afternoon of Friday 29 November, PRU officers was advised by a resident that some fibrous material had been found in the street. The officer visually assessed it and it appeared to be the remnants of burnt alsynite (fibreglass roofing sheets) that were likely to have originated from the Cleanaway fire. Cleanaway was requested to carry out a clean-up of the area.

List of Maps:

Map 1) Air Monitoring Locations

An interactive map is available at this website:

<https://dow.maps.arcgis.com/apps/webappviewer/index.html?id=0ca6d0d296044579a09470b527b5f5c2>

Map 2) Cleanaway Fire Drainage Map (Next page)

List of Appendices:

Appendix 1) Photos

Appendix 2) Acute Emergency Guideline Levels

Appendix 3) Department of Health Particulate Guideline

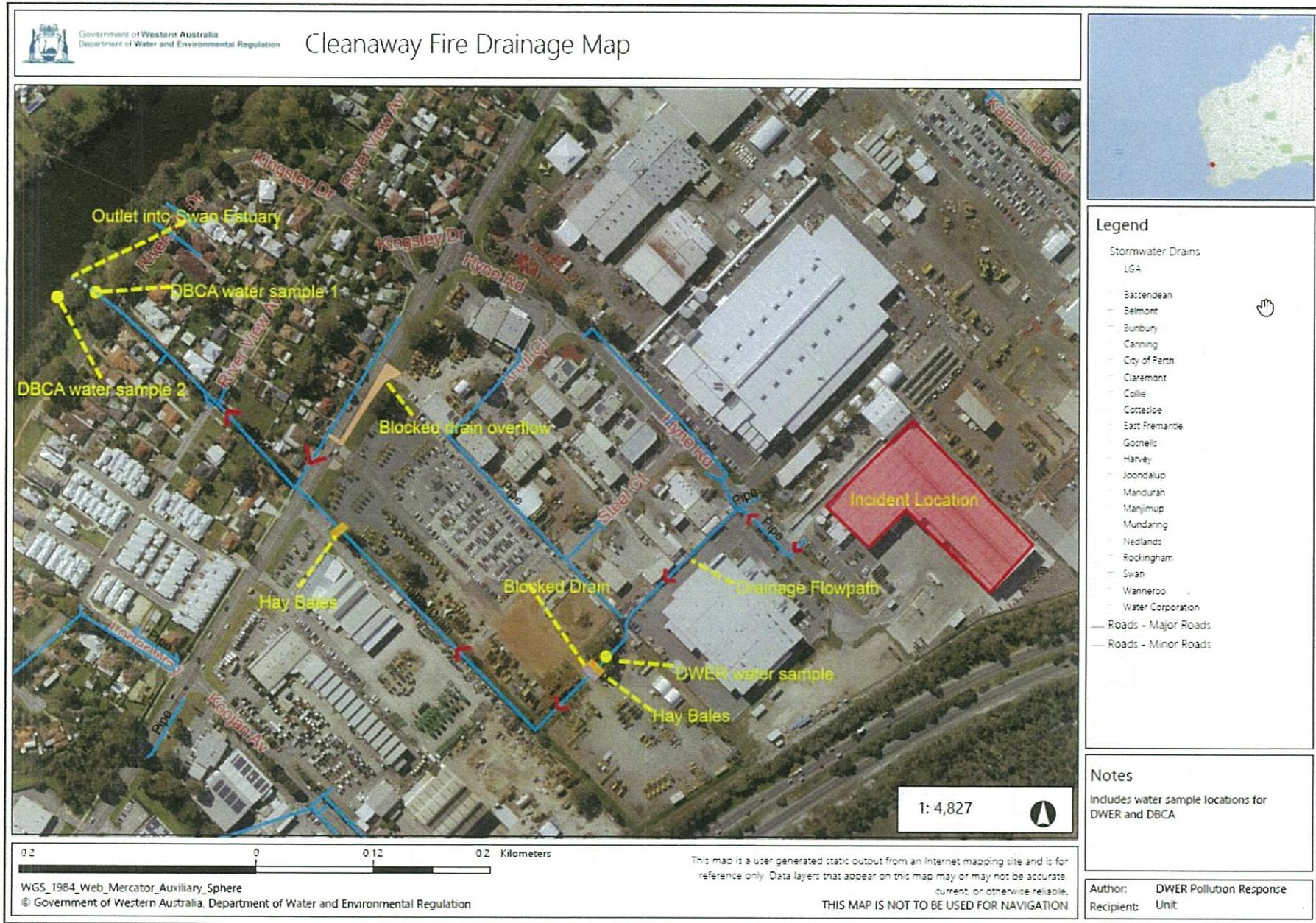
Appendix 4) Air Monitoring Results

Appendix 5) DBCA Water Sample Results

Appendix 6) DWER Water Sample Results

Appendix 7) Fire water run off Impact Statement

End



Appendix 1: Photos



Photo 1 – Cleanaway fire during paper/cardboard impacts.



Photo 2 - Cleanaway Fire when impact to plastics commenced.



Photo 3 – Smoke plume from Rottnest Island, WA.



Photo 4 – DWER officers' air monitoring during the early stages of the fire.



Photo 5 – DWER officers conducting air monitoring on the evening of 25 November



Photo 6 – Drainage culvert blocked by City of Swan.



Photo 7 - Foam observed inside City of Swan stormwater system.



Photo 8 – Wastewater flooding on Great Eastern Highway, South Guildford.



Photo 9 – Booms installed at the Swan River drainage outlet.



Photo 10 – DWER officer installing hay bales in the open drainage.



Photo 11 – Installed hay bales near to Great Eastern Highway, South Guildford.

Appendix 2 Acute Emergency Guideline Levels

1.1.1.1.1 What are AEGLs?

AEGLs estimate the concentrations at which most people—including sensitive individuals such as old, sick, or very young people—will begin to experience health effects if they are exposed to a hazardous chemical for a specific length of time (duration). For a given exposure duration, a chemical may have up to three AEGL values, each of which corresponds to a specific tier of health effects. The three AEGL tiers are defined as follows:

- **AEGL-3** is the airborne concentration, expressed as parts per million (ppm) or milligrams per cubic meter (mg/m^3), of a substance above which it is predicted that the general population, including susceptible individuals, could experience life-threatening health effects or death.
- **AEGL-2** is the airborne concentration (expressed as ppm or mg/m^3) of a substance above which it is predicted that the general population, including susceptible individuals, could experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape.
- **AEGL-1** is the airborne concentration (expressed as ppm or mg/m^3) of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic non-sensory effects. However, the effects are not disabling and are transient and reversible upon cessation of exposure.

All three tiers (AEGL-1, AEGL-2, and AEGL-3) are developed for five exposure periods: 10 minutes, 30 minutes, 60 minutes, 4 hours, and 8 hours. Table 1 below shows how the chlorine AEGL values vary with exposure duration.

Final AEGLs for chlorine (in parts per million, ppm)

	10 minutes	30 minutes	60 minutes	4 hours	8 hours
AEGL-1	0.50	0.50	0.50	0.50	0.50
AEGL-2	2.8	2.8	2.0	1.0	0.71
AEGL-3	50	28	20	10	7.1

Typically, the AEGL values will be different for each exposure duration (such as the AEGL-3 values in the table above). This is because the physical effects are typically related to dose (that is, concentration over exposure duration). However, in some cases, the AEGL values will be the same for all durations. This situation usually occurs at the AEGL-1 level (as in the table above), because it is a threshold for non-disabling effects; some effects (for example, whether people will be able to smell the chemical) depend only on concentration—not on the length of time people are exposed.

Appendix 3 Department of Health Particulate Guideline

Alert Level	PM ₁₀ µg/m ³ ≤ 4 hour average	Visibility km	Information & Recommended Actions for: <ul style="list-style-type: none"> • Environmental Health Response Team • Incident Response Teams – DEC/DFES • Officers responding to Media enquiries (Generic Media Statements attached) 	Recommended Health Advisory (PTO)
1	50-75	> 16	Information: Be aware that any increase in particulate matter (PM) above background affects highly susceptible groups such as those with more severe respiratory or cardio-vascular disease. People with asthma are in this group. Action: If smoke is forecast, be prepared to provide information and Health Advice as required.	1
2	76 - 150	10 - 16	Information: As concentrations increase, there is an increased chance that people with mild to moderate respiratory or cardiovascular disease may be affected. Action: If smoke haze is expected to be prolonged (>4 hrs), evaluate and be prepared to issue public Health Advisory if necessary.	2
3	151 – 300	5 - 10	Information: There is an increased risk of respiratory/irritant symptoms among the general community. Strenuous physical activity like sports or work outside may cause even very healthy people to experience symptoms. Action: If smoke haze is expected to persist (>4 hrs) be prepared to issue public Health Advisory and consider: <ul style="list-style-type: none"> • Alerting schools and day care centres to move children into areas with central filtered air conditioning (some newer buildings may be more protective than older 'leakier' ones) • Limit or cancel public scheduled outdoor activities, based on event, anticipated crowd numbers, and travel considerations. 	3
4	301 – 500	1 - 5	Information: Everyone is at risk of respiratory/irritant symptoms and irritation. As PM concentrations increase so does the risk of premature mortality in people with respiratory and cardiac disease. Action: Issue public Health Advisory. If smoke haze is expected to persist (>4 hrs) consider: <ul style="list-style-type: none"> • Advising people at risk to leave the area if safe to do so or take frequent clean-air breaks. • Alerting schools and day care centres to move children into areas with central filtered air conditioning (some newer buildings may be more protective than older 'leakier' ones) • Cancelling scheduled public outdoor activities. 	4
5	> 500	<1	Information: Everyone is at risk of respiratory/irritant symptoms and irritation. There is a big increase in the risk of premature mortality in people with respiratory and cardiac disease. Most healthy people will experience some level of discomfort. Action: Issue public Health Advisory. If smoke haze is expected to persist (>4 hrs): <ul style="list-style-type: none"> • Advise people at risk to leave the area if safe to do so. • Consider the need to evacuate people at high risk that require assistance. • Consider closing schools and day care centres – although new schools may be more protective than older homes. • Cancel all scheduled public outdoor activities. 	5

Appendix 4: Air Monitoring Results

Monitoring Event	Date	Time	Zone	Location	Field Air Monitoring Readings		Smoke Observations		Odour		Air Monitoring Guideline	
					Air toxics(ppm)	Particulates ($\mu\text{g}/\text{m}^3$)	Colour	Ground smoke density	Intensity	Description	DOH PM10 Guideline Alert Level	AEGL
1	25/11/2019	10:13	Residential	Riverside Drive South Guildford	Non detect	TSP = 78 PM10 = 69	White	Light Haze	1	General Smoke	2	0
2	25/11/2019	10:15	Residential	Highland Street Bassendean	Non detect	TSP = 17 PM10 = 10	White	None	None	No Odour	0	0
3	25/11/2019	10:20	Residential	Great Eastern Highway South Guildford	Non detect	TSP = 330 PM10 = 329	White	Light Haze	1	General Smoke	4	0
4	25/11/2019	10:30	Residential	Loder Way South Guildford	Non detect	TSP = 195 PM10 = 193	Light Grey	Light Haze	1	General Smoke	3	0
5	25/11/2019	10:40	Industrial	Hyne Road South Guildford	CO = 35 HCN = 4	TSP = 8150 PM10 = 8150	Light Grey	Thick	APR	N/A	5	1
6	25/11/2019	10:50	Industrial	Anvil Close South Guildford	VOC = 0.1 HCN = 1 CH3SH	TSP = 1170 PM10 = 1170	Dark Grey	Medium	APR	N/A	5	1

					= 0.1 SO2 = 0.5								
7	25/11/ 2019	11:05	Industrial	Koojan Avenue South Guildford	Non detect	TSP = 7 PM10 = 4	Black	None	None	No Odour	0	0	
8	25/11/ 2019	11:25	Residential	Beverley Terrace South Guildford	Non detect	TSP = 2 PM10 = 2	Dark Grey	None	None	No Odour	0	0	
9	25/11/ 2019	11:26	School	Bassendean Primary School - 70 West Road Bassendean	Non detect	TSP = 2 PM10 = 2	Dark Grey	None	None	No Odour	0	0	
10	25/11/ 2019	11:50	Residential	Riverside Drive South Guildford	Non detect	TSP = 5 PM10 = 3	Dark Grey	None	2	Slight Plastic Odour	0	0	
11	25/11/ 2019	11:50	Residential	Bassendean Road Bayswater	VOC = 0.1 CH3SH = 0.1	TSP = 49 PM10 = 48	Dark Grey	None	None	No Odour	0	0	
12	25/11/ 2019	11:57	Residential	Riverside Drive South Guildford	Non detect	TSP = 58 PM10 = 54	Dark Grey	None	2	Slight Plastic Odour	1	0	
13	25/11/ 2019	12:20	School	Hillcrest Primary School - 2 Bay View Street Bayswater	VOC = 0.1	TSP = 51 PM10 = 49	Grey	None	1	General Smoke	0	0	
14	25/11/ 2019	13:05	School	Bassendean Primary School - 70 West Road Bassendean	Non detect	TSP = 7 PM10 = 4	Grey	None	None	No Odour	0	0	

15	25/11/ 2019	13:25	School	Guildford Primary School - 125 Helena Street Guildford	Non detect	TSP = 4 PM10 = 2	Grey	None	None	No Odour	0	0
16	25/11/ 2019	14:00	School	Eden Hill Primary School - 83a Ivanhoe Street Eden Hill	Non detect	TSP = 5 PM10 = 3	Grey	None	None	No Odour	0	0
17	25/11/ 2019	14:00	Residential	Riverside Drive South Guildford	Cl2 = 0.1 HCN = 0.5 H2S = 0.9 CH3SH = 0.2 NO2 = 0.12	TSP = 29 PM10 = 16	Grey	None	None	No Odour	0	0
18	25/11/ 2019	14:20	Residential	Waterhall Shops, Waterhall Road South Guildford	Non detect	TSP = 54 PM10 = 50	Grey	None	1	General Smoke	1	0
19	25/11/ 2019	14:30	Residential	Queen Road South Guildford	Cl2 = 0.1 HCN = 0.5 NO2 = 0.2	TSP = 429 PM10 = 418	Grey	Light Haze	3	Woodsmoke	4	0
20	25/11/ 2019	14:35	Residential	Impey Lane South Guildford	Non detect	TSP = 334 PM10 = 331	Grey	Light Haze	1	General Smoke	4	0

21	25/11/ 2019	14:40	Residential	Queens Road South Guildford	Non detect	TSP = 411 PM10 = 388	Grey	Light Haze	2	Woodsmoke	4	0
22	25/11/ 2019	15:25	Industrial	Kalamunda Road South Guildford	Non detect	TSP = 415 PM10 = 412	Grey	Light Haze	1	General Smoke	4	0
23	25/11/ 2019	15:40	Industrial	Kalamunda Road South Guildford	Non detect	TSP = 511 PM10 = 508	Grey	Light Haze	APR	N/A	5	0
24	25/11/ 2019	15:57	Industrial	Kalamunda Road South Guildford	Non detect	TSP = 368 PM10 = 365	Grey	Light Haze	APR	N/A	4	0
25	25/11/ 2019	17:05	Industrial	Kalamunda Road South Guildford	HCN = 1	TSP = 695 PM10 = 683	Grey	Mediu m	APR	N/A	5	0
26	25/11/ 2019	17:30	Residential	Kidman Avenue South Guildford	Non detect	TSP = 1120 PM10 = 1110	Grey	Mediu m	APR	N/A	5	0
27	25/11/ 2019	17:40	Residential	Kidman Avenue South Guildford	Non detect	TSP = 1020 PM10 = 1010	Grey	Mediu m	APR	N/A	5	0
28	25/11/ 2019	18:28	Residential	Kidman Avenue South Guildford	Non detect	TSP = 1030 PM10 = 1020	Grey	Mediu m	APR	N/A	5	0

29	25/11/ 2019	18:41	Residential	Queens Road South Guildford	Non detect	TSP = 436 PM10 = 430	Grey	Mediu m	APR	N/A	4	0
30	25/11/ 2019	19:23	Residential	Kidman Avenue South Guildford	VOC = 1 HCN = 1 NO2 = 0.2	TSP = 999 PM10 = 990	Grey	Mediu m	APR	N/A	5	0
31	25/11/ 2019	19:47	Residential	West Parade South Guildford	VOC = 0.4 Cl2 = 0.2 HCN = 1.5 NO2 = 0.2	TSP = 387 PM10 = 384	Grey	Thick	APR	N/A	4	0
32	25/11/ 2019	20:20	Residential	Kidman Avenue South Guildford	NO2 = 0.14	TSP = 380 PM10 = 367	Grey	Light Haze	APR	N/A	4	0
33	25/11/ 2019	20:40	Residential	Kidman Avenue South Guildford	Non detect	TSP = 234 PM10 = 231	White	Light Haze	APR	N/A	3	0
34	25/11/ 2019	21:18	Industrial	Kalamunda Road South Guildford	VOC = 1.4 CO = 5 HCN = 0.5	TSP = 2420 PM10 = 2410	White	Thick	APR	N/A	5	0

35	25/11/ 2019	21:33	Residential	Kalamunda Road South Guildford	VOC = 1.2 HCN = 0.5 PH3 = 0.1	TSP = 1430 PM10 = 1430	White	Thick	APR	N/A	5	0
36	26/11/ 2019	9:55	Industrial	Westrac - 17 Hyne Road South Guildford	VOC = 1 HCN = 0.5	TSP = 157 PM10 = 154	White	Light	APR	N/A	2	0
37	26/11/ 2019	10:05	Industrial	Westrac - 17 Hyne Road South Guildford	Non detect	TSP = 6 PM10 = 6	White	None	1	General Smoke	0	0
Disclaimer: Locations 38-40 were removed as readings were taken inside a commercial building.												
41	26/11/ 2019	11:20	Industrial	Hyne Road South Guildford	VOC = 0.2 HCN = 0.5 CH3SH = 0.1	TSP = 92 PM10 = 48	White	None	2	General Smoke	0	0
42	27/11/ 2019	12:40	Industrial	Westrac Dispatch Door #14 - 17 Hyne Road South Guildford	VOC = 0.4	TSP = 43 PM10 = 40	None	None	1	General Smoke	0	0
43	27/11/ 2019	12:52	Industrial	Westrac Dispatch Door #9 - 17 Hyne Road South Guildford	VOC = 0.4	TSP = 34 PM10 = 32	None	None	1	General Smoke	0	0
44	27/11/ 2019	13:05	Industrial	Westrac Dispatch Door #5 - 17 Hyne	HCN = 0.5	TSP = 139	None	None	1	General Smoke	2	0

				Road South Guildford		PM10 = 135						
45	27/11/2019	13:44	Industrial	Westrac Dispatch Door #9 - 17 Hyne Road South Guildford	VOC = 0.3	TSP = 36 PM10 = 33	None	None	1	General Smoke	0	0
46	28/11/2019	9:55	Industrial	Westrac Dispatch Door #5 - 17 Hyne Road South Guildford	VOC = 0.5 HCN = 0.5	TSP = 61 PM10 = 59	White	Light	2	Wood Smoke	1	0
47	28/11/2019	10:05	Industrial	Westrac Dispatch Door #5 - 17 Hyne Road South Guildford	Non detect	TSP = 84 PM10 = 82	White	Light	1	Wood Smoke	2	0
48	28/11/2019	10:20	Residential	Kingsley Street South Guildford	VOC = 0.1 CH3SH = 0.1 PH3 = 0.1	TSP = 7 PM10 = 5	White	None	None	No Odour	0	0
49	28/11/2019	10:35	Residential	Kinglsey Street South Guildford	VOC = 0.1 CH3SH = 0.1 PH3 = 0.1	TSP = 10 PM10 = 8	None	None	1	Slight Wood Smoke	0	0
50	28/11/2019	13:25	Industrial	Westrac Dispatch Door #5 - 17 Hyne Road South Guildford	VOC = 0.5 NO2 = 0.2	TSP = 43 PM10 = 41	White	Light	2	Wood Smoke	0	0

51	28/11/ 2019	13:35	Residential	Kingsley Street South Guildford	VOC = 0.1 HCN = 0.5 CH3SH 0.1 NO2 = 0.1 PH3 = 0.1	TSP = 12 PM10 = 9	None	None	None	No Odour	0	0
52	29/11/ 2019	15:02	Residential	Kidman Avenue South Guildford	VOC = 0.1 HCN = 0.5 CH3SH = 0.2 PH3 = 0.1	TSP = 25 PM10 = 23	None	None	2	Burnt Paper	0	0
53	28/11/ 2019	15:20	Residential	Kidman Avenue South Guildford	VOC = 0.1 HCN = 0.5	TSP = 7 PM10 = 5	None	None	None	No Odour	0	0
54	29/11/ 2019	11:30	Residential	Riverside Drive South Guildford	VOC = 0.1 HCN = 0.5	TSP = 20 PM10 = 15	None	None	1	Slight waste odour	0	0
55	29/11/ 2019	11:42	Residential	Riverside Drive South Guildford	VOC = 0.1 HCN = 0.5 CH3SH = 0.1	TSP = 16 PM10 = 12	None	None	1	Slight smoke	0	0

56	29/11/ 2019	11:58	Residential	Kinglsey Street South Guildford	VOC = 0.2 CH3SH = 0.1 PH3 = 0.1	TSP = 6 PM10 = 3	None	None	None	No odour	0	0
57	29/11/ 2019	12:25	Industrial	Westrac Dispatch Door #5 - 17 Hyne Road South Guildford	VOC = 0.6 Cl2 = 0.1 HCN = 1.0 CH3SH = 0.1 PH3 = 0.1	TSP = 224 PM10 = 221	White	Light	3	Burning Paper	3	0
58	29/11/ 2019	12:35	Industrial	Westrac Dispatch Door #5 - 17 Hyne Road South Guildford	VOC = 0.6 Cl2 = 0.1 HCN = 0.5	TSP = 185 PM10 = 183	White	Light	3	Burning Paper	3	0
59	29/11/ 2019	16:32	Residential	River View Avenue South Guildford	VOC = 0.2 Cl2 = 0.1 HCN = 1.0 NO2 = 0.1	TSP = 6 PM10 = 4	White	None	1	Burning Paper	0	0
60	29/11/ 2019	16:45	Residential	River View Avenue South Guildford	VOC = 0.2 Cl2 = 0.1	TSP = 12 PM10 = 10	White	None	2	Burning Paper	0	0

					HCN = 1.5 NO2 = 0.1							
61	30/11/ 2019	8:52	Residential	Kingsley Drive South Guildford	VOC = 0.1 HCN = 0.5 PH3 = 0.1	TSP = 21 PM10 = 18	White	None	2	Burning Paper	0	0
62	30/11/ 2019	9:04	Residential	Kingsley Drive South Guildford	VOC = 0.1 HCN = 0.5 CH3SH = 0.1	TSP = 15 PM10 = 12	White	None	3	Burning Paper	0	0
63	30/11/ 2019	9:25	Industrial	Westrac Dispatch Door #13 - 17 Hyne Road South Guildford	VOC = 0.2	TSP = 186 PM10 = 180	White	Light Haze	APR	N/A	3	0
64	30/11/ 2019	9:36	Industrial	Westrac Dispatch Door #11 - 17 Hyne Road South Guildford	VOC = 0.3 CH3SH = 0.1	TSP = 159 PM10 = 156	White	Light Haze	APR	N/A	3	0
Tally											PM Alert Tally	AEGL Alert Tally
64										0	32	62
										1	3	2
										2	4	0
										3	6	0
										4	9	

										5	10	
										Total	64	64

Appendix 5 - DBCA Water Analysis Results



Accredited for compliance with ISO/IEC 17025 testing, Accreditation No. 8

Purchase Order: None

ChemCentre Reference: 19S2274 R2

ChemCentre Residues Laboratory Report of Examination



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Dept of Biodiversity, Conservation & Attractions
17 Dick Perry Avenue
Technology Park Western Precinct
KENSINGTON WA 6151

Attention: Richard Tunnicliffe

Report on: 2 samples received on 26/11/2019

LAB ID	Material	Client ID and Description
19S2274 / 001	water	Hynes Road Drain
19S2274 / 002	water	Drain Outflow

LAB ID	Client ID	Method	LOR	Unit	001 Hynes Road Drain	002 Drain Outflow
					26/11/2019	26/11/2019
8:2 FtS (Fluorotelomer Sulfonate)		ORG095W	0.05	ug/L	<0.05	<0.05
8:2 FtS (Fluorotelomer Sulfonate)		ORG095W	0.05	ug/L	<0.05	<0.05
Nitrogen, ammonia		INPS1SFAA	0.01	mg/L	1.0	
Biochemical Oxygen Demand		BOD1WR	5	mg/L	480	
Nitrogen, nitrite		INPS1SFAA	0.01	mg/L	0.15	
* Nitrogen, organic - Filterable		INPCALC2	0.025	mg/L	7.2	
Nitrogen, total kjeldahl		INPCALC1	0.025	mg/L	9.6	
Phosphorus, sol. reactive		INPS1SFAA	0.005	mg/L	0.027	
PFBS (Perfluorobutane sulfonate)		ORG095W	0.05	ug/L	<0.05	<0.05
PFBA (Perfluorobutanoic acid)		ORG095W	0.1	ug/L	<0.10	<0.10
PFHpA (Perfluoroheptanoic acid)		ORG095W	0.05	ug/L	<0.05	<0.05
PFHxA (Perfluorohexanoic acid)		ORG095W	0.05	ug/L	<0.05	<0.05
PFPeA (Perfluoropentanoic acid)		ORG095W	0.05	ug/L	<0.05	<0.05
Nitrogen, total		INPT1SFAA	0.025	mg/L	10	
Nitrogen, nitrate + nitrite		INPS1SFAA	0.01	mg/L	0.44	
Total PFHxS		ORG095W	0.05	ug/L	<0.05	<0.05
Total PFOS		ORG095W	0.05	ug/L	<0.05	<0.05
Total PFOA		ORG095W	0.05	ug/L	<0.05	<0.05
Phosphorus, total		INPT1SFAA	0.005	mg/L	0.53	
Nitrogen, total soluble		INPT1SFAA	0.025	mg/L	8.7	
TRH >C10-C16		ORG007W	25	ug/L	9800	3100

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LAB ID			001	002
Client ID			Hynes Road Drain	Drain Outflow
Sampled			26/11/2019	26/11/2019
Analyte	Method	LOR	Unit	
TRH >C16-C34	ORG007W	100	ug/L	6700
TRH >C34-C40	ORG007W	100	ug/L	930
TRH C6-C10	ORG015W	25	ug/L	200
Total TRHs	ORG007WPTC	250	ug/L	18000
Acenaphthene	ORG100W	0.1	ug/L	2.6
Acenaphthylene	ORG100W	0.1	ug/L	3.3
Anthracene	ORG100W	0.1	ug/L	0.7
Benz(a)anthracene	ORG100W	0.1	ug/L	0.2
Benzo(a)pyrene	ORG100W	0.1	ug/L	0.2
Benzo(b)fluoranthene	ORG100W	0.1	ug/L	0.2
Benzo(g,h,i)perylene	ORG100W	0.1	ug/L	0.2
Benzo(k)fluoranthene	ORG100W	0.1	ug/L	<0.1
Chrysene	ORG100W	0.1	ug/L	0.2
Dibenzo(a,h)anthracene	ORG100W	0.1	ug/L	<0.1
Fluoranthene	ORG100W	0.1	ug/L	0.8
Fluorene	ORG100W	0.1	ug/L	0.9
Indeno(1,2,3-cd)pyrene	ORG100W	0.1	ug/L	0.1
Naphthalene	ORG100W	0.1	ug/L	8.7
Phenanthrene	ORG100W	0.1	ug/L	2.5
Pyrene	ORG100W	0.1	ug/L	0.8
1,2,4,5-Tetrachlorobenzene	ORG100W	0.1	ug/L	<0.1
1,2,4-Trichlorobenzene	ORG100W	0.1	ug/L	<0.1
1,2-Dichlorobenzene	ORG100W	0.1	ug/L	<0.1
1,3-Dichlorobenzene	ORG100W	0.1	ug/L	<0.1
1,4-Dichlorobenzene	ORG100W	0.1	ug/L	<0.1
1-Chloronaphthalene	ORG100W	0.1	ug/L	<0.1
2-Chloronaphthalene	ORG100W	0.1	ug/L	<0.1
Hexachlorobenzene	ORG100W	0.1	ug/L	<0.1
Hexachlorobutadiene	ORG100W	0.1	ug/L	<0.1
Hexachlorocyclopentadiene	ORG100W	0.1	ug/L	<0.1
Hexachloroethane	ORG100W	0.1	ug/L	<0.1
Hexachloropropene	ORG100W	0.1	ug/L	<0.1
Pentachlorobenzene	ORG100W	0.1	ug/L	<0.1
Bis(2-ethylhexyl)phthalate	ORG100W	0.1	ug/L	11
Butylbenzylphthalate	ORG100W	0.1	ug/L	0.7
Diethyl phthalate	ORG100W	0.1	ug/L	18
Dimethyl phthalate	ORG100W	0.1	ug/L	15
Di-n-butyl phthalate	ORG100W	0.1	ug/L	2.1
Di-n-octyl phthalate	ORG100W	0.1	ug/L	1.0
* Investigation	ORG100W	.000000		see 19S2274_R1 see 19S2274_R1

Method	Method Description
iBOD1WR	Biochemical Oxygen Demand.
iNPCALC1	Total Kjeldahl Nitrogen (Calculated TN - Nitrate/Nitrite_N).
iNPCALC2	Organic Nitrogen - Filterable, calculated from TSN, TON and ammonia
iNPSi1SFAA	Low Level Nutrients by Segmented Flow Auto Analyser
iNPT1SFAA	Low Level Nutrients by Segmented Flow Auto Analyser
ORG007W	Total Recoverable Hydrocarbons in Water
ORG007WPTC	Sum of TRHs in Water with C6-C10 by Purge and Trap
ORG015W	BTEX and C6 - C10 in water

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Method	Method Description
ORG095W	Per- and Polyfluoroalkyl Substances (PFAS) in Water - Standard Level (NATA Accredited as ORG095W)
ORG100W	Semi-Volatile organic compounds in water by GC-MS

"<" signifies a result is less than the limit of quantitation for the method.

These results apply only to the sample(s) as received.

Results may not be reproduced except in full.

Unless requested otherwise, sample(s) will be disposed of after 30 days of the issue of this report.

*Analysis not covered by scope of ChemCentre's NATA accreditation.



Leif Cooper
Team Leader
SSD Organic Chemistry
4-Dec-2019



Hanna May
Team Leader
SSD Inorganic Chemistry



Water Assessment

1. DWER Sample Analysis Results, and
2. DBCA Sample Analysis Results.

LAB ID				001
Client ID				WS01
Sampled				27/11/2019
Analyte	Method	LOR	Unit	
8:2 FtS (Fluorotelomer Sulfonate)	ORG005W	0.05	ug/L	<0.05
Arsenic, total	iMET1WTMS	0.001	mg/L	0.002
Bromobenzene	ORG002W	1	ug/L	<1.0
Bromochloromethane	ORG002W	1	ug/L	<1.0
Bromodichloromethane	ORG002W	1	ug/L	<1.0
Bromoform	ORG002W	1	ug/L	<1.0
Cadmium, total	iMET1WTMS	0.0001	mg/L	0.0030
Carbon tetrachloride	ORG002W	1	ug/L	<1.0
Chlorobenzene	ORG002W	1	ug/L	<1.0
Dibromochloromethane	ORG002W	1	ug/L	<1.0
Chloroform	ORG002W	1	ug/L	<1.0
Chromium, total	iMET1WTMS	0.001	mg/L	0.042
cis-1,2-dichloroethene	ORG002W	1	ug/L	<1.0
cis-1,3-Dichloropropene	ORG002W	1	ug/L	<1.0
Copper, total	iMET1WTMS	0.001	mg/L	0.059
Dibromomethane	ORG002W	1	ug/L	<1.0
Hexachlorobutadiene	ORG002W	1	ug/L	<1.0
Isopropylbenzene	ORG002W	1	ug/L	<1.0
Lead, total	iMET1WTMS	0.0005	mg/L	0.026
Mercury, total	iMET1WTMS	0.0001	mg/L	<0.0001
Naphthalene	ORG002W	1	ug/L	8.6
n-butylbenzene	ORG002W	1	ug/L	<1.0
Nickel, total	iMET1WTMS	0.001	mg/L	0.015
n-Propylbenzene	ORG002W	1	ug/L	<1.0
PFBS (Perfluorobutane sulfonate)	ORG005W	0.05	ug/L	<0.05
PFBA (Perfluorobutanoic acid)	ORG005W	0.1	ug/L	<0.10
PFHpA (Perfluoroheptanoic acid)	ORG005W	0.05	ug/L	<0.05
PFHxA (Perfluorohexanoic acid)	ORG005W	0.05	ug/L	<0.05
PFPeA (Perfluoropentanoic acid)	ORG005W	0.05	ug/L	<0.05
p-isopropyltoluene	ORG002W	1	ug/L	7.9
sec-Butylbenzene	ORG002W	1	ug/L	<1.0
Styrene	ORG002W	1	ug/L	7.0
Tert-Butylbenzene	ORG002W	1	ug/L	<1.0
Tetrachloroethene	ORG002W	1	ug/L	2.2
Total PFHxS	ORG005W	0.05	ug/L	<0.05
Total PFOS	ORG005W	0.05	ug/L	<0.05
Total PFOA	ORG005W	0.05	ug/L	<0.05
trans-1,2-Dichloroethene	ORG002W	1	ug/L	<1.0
trans-1,3-Dichloropropene	ORG002W	1	ug/L	<1.0
Trichloroethene	ORG002W	1	ug/L	<1.0
Zinc, total	iMET1WTICP	0.01	mg/L	2.4
Benzene	ORG002W	1	ug/L	16
Ethylbenzene	ORG002W	1	ug/L	1.1
m,p-Xylene	ORG002W	1	ug/L	<1.0
o-Xylene	ORG002W	1	ug/L	<1.0
Toluene	ORG002W	1	ug/L	4.7
TRH C6-C10	ORG015W	25	ug/L	120

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LAB ID 001
 Client ID WS01
 Sampled 27/11/2019

Analyte	Method	LOR	Unit	
TRH >C10-C16	ORG007W	25	ug/L	22000
TRH >C16-C34	ORG007W	100	ug/L	7600
TRH >C34-C40	ORG007W	100	ug/L	600
Total TRHs	ORG007WPTC	250	ug/L	30000
Acenaphthene	ORG100W	0.1	ug/L	4.2
Acenaphthylene	ORG100W	0.1	ug/L	3.5
Anthracene	ORG100W	0.1	ug/L	0.4
Benzo(a)anthracene	ORG100W	0.1	ug/L	0.1
Benzo(a)pyrene	ORG100W	0.1	ug/L	0.2
Benzo(b)fluoranthene	ORG100W	0.1	ug/L	0.2
Benzo(g,h,i)perylene	ORG100W	0.1	ug/L	0.2
Benzo(k)fluoranthene	ORG100W	0.1	ug/L	<0.1
Chrysene	ORG100W	0.1	ug/L	0.2
Dibenzo(a,h)anthracene	ORG100W	0.1	ug/L	<0.1
Fluoranthene	ORG100W	0.1	ug/L	0.4
Fluorene	ORG100W	0.1	ug/L	0.6
Indeno(1,2,3-cd)pyrene	ORG100W	0.1	ug/L	0.1
Naphthalene	ORG100W	0.1	ug/L	3.9
Phenanthrene	ORG100W	0.1	ug/L	1.2
Pyrene	ORG100W	0.1	ug/L	0.5



Method	Method Description
iMET1WTICP	Total metals by microwave digestion and ICPAES.
iMET1WTMS	Total metals by microwave digestion and ICPMS.
ORG002W	VOC in Water by Purge and Trap GC-MS
ORG007W	Total Recoverable Hydrocarbons in Water
ORG007WPTC	Sum of TRHs in Water with C6-C10 by Purge and Trap
ORG015W	BTEX and C6 - C10 in water
ORG095W	Per- and Polyfluoroalkyl Substances (PFAS) in Water - Standard Level (NATA Accredited as ORG095W)
ORG100W	Semi-Volatile organic compounds in water by GC-MS

"<" signifies a result is less than the limit of quantitation for the method.

These results apply only to the sample(s) as received.

Results may not be reproduced except in full.

Unless requested otherwise, sample(s) will be disposed of after 30 days of the issue of this report.

Leif Cooper
 Team Leader
 SSD Organic Chemistry
 28-Nov-2019

Appendix 7 - Fire water runoff Impact Statement

Statement of environmental impact to the Swan and Canning estuary from the South Guilford Cleanaway facility fire'

Background

A fire started in the Cleanaway recycling facility in South Guildford on 25 November 2019. The facility stored a wide variety of paper, cardboard and plastic recyclable materials. During the initial control of the fire a small volume of the Solberg ARF firefighting foam was used. After which, significant quantities of water were used to control the fire. Being in close proximity to the river Department of Water and Environmental Regulation (DWER) and Department of Fire and Emergency Services (DFES) staff ensured the drainage network was sealed to ensure fire water run-off did not flow into the Swan Estuary. However, due to the large volume of water used to control the fire, the drainage network started to flood on the evening 25 November, and run off water bypassed the bunded drainage network, via the road, and started to flow into the Hyne Road drain and then into the middle Swan Estuary. The Department of Biodiversity, Conservation and Attractions (DBCA) was made aware of the situation on 26 November and collected samples of water flowing from the Hyne Road drain at the opening of the culvert and within the estuary 5-10 metres from the discharge point. It has been estimated that by 29 November approximately 2 ML of impacted firewater had been removed from the site while 10% of this volume may have discharged into the middle Swan Estuary. Current estimates (18 December 2019) are that between 4-4.5 ML had been removed from the site. Cleanaway are no longer pumping water from the site.

Outcomes

The containment of the majority of the fire affected water within the isolated drainage network was a significant achievement and has likely avoided significant environmental impact to the Swan Estuary. The potential impacts from unmitigated discharge into the system may have included fish and crustacean kills, problematic algal blooms and an persistent increase in the occurrence of heavy metals in the system. Significant contaminant loads were identified in water within the drainage network (sampled collected by DWER). In addition, samples collected by DBCA at the outlet of the drainage system also identified a significant containment load discharging directly into the Estuary.

Summary of contaminants of concern

Nutrients

The nutrient concentrations detected at the outlet were very high relative to the receiving body and regional drainage network (Table 1). They also exceeded the ANZECC water quality guidelines and DBCA trigger levels. Excessive nutrients can result in problematic algal blooms of which some species may be toxic to wildlife, domestic animals or people. Algal blooms can rapidly collapse causing local anoxia.

Given the majority of the excessive nutrients were dissolved, they could be rapidly taken up by phytoplankton and result in a problematic algal bloom. Co-incidentally a phytoplankton bloom was observed at the location during routine monitoring on the Monday 25th November but was likely unrelated to the fire run off. There were local reports of a green discolouration in the estuary at this location during the week suggesting an intensification of the bloom. It is difficult to say if the

nutrient run off may have contributed to this bloom. No anoxia was observed close to the site on the day of the fire and or a week later (Figure 1).

Table 1. Nutrient concentrations measured in the fire water run off at the outlet of the Hyne Road drain on the 26th November. For comparative purposes background nutrient data for the two neighbouring drains and the receiving body are also presented.

Site	NH4 (mg/L)	NOx (mg/L)	Dissolved Org N (mg/L)	TN (mg/L)	TP (mg/L)	FRP (mg/L)
Airport south 2018 November median	0.035	0.115	0.73	0.88	0.014	0.005
Airport North 2018 November median	0.017	0.074	0.42	0.51	0.011	<0.005
Estuary median 2017-18	0.26	0.067	0.257	0.65	0.047	<0.005
Fire sampling (DBCA data)	1.00	0.44	7.2	10.0	0.53	0.027

BOD/COD

The biochemical oxygen demand (BOD) measured at the drain outlet by DBCA was 460 mg/L. At this level there was significant risk of an anoxic event in the estuary near the outlet. Such an event would have likely resulted in fish kills and a nuisance odour.

In the routine weekly estuary sampling conducted by DBCA, no anoxic event was observed on the 2nd December (Figure 1).

Hydrocarbons

Hydrocarbons are rarely detected in the surface water and many will rapidly bind to organic sediments or evaporate into the atmosphere. The detection of many hydrocarbons in the fire runoff water suggested that this event could have input a significant load of hydrocarbon contaminants into the system. Many were combustion by-products and not considered harmful. However, there were detections of some harmful PAH's (anthracene, benzo(a)pyrene and phenanthrene exceeding the 95% species protection guideline) and the firefighting foam (2-(2-Butoxyethoxy)ethanol). The firefighting foam has an extremely high BOD and chemical oxygen demand (COD).

Heavy metals

The concentration of many metals were multiple orders of magnitude greater than that recorded in the area. Given recent unpublished data suggests that heavy metals contamination of the estuary seems to be increasing within some regions, particularly of copper, lead and zinc, there was considerable risk of exacerbating these impacts with the concentrations detected here.

Copper, lead and zinc all exceed the 80% species guideline but also exceed many of the acute toxicity thresholds determined for both marine and freshwater species. Routine monitoring by DBCA indicated that at the time the estuary was brackish with a salinity of approximately 12-15, thus likely receptors were euryhaline species. As a result, there was a potential short- and long-term significant risk to estuary ecological health from the fire water run off if it occurred unmitigated.

Table 2. Heavy metal concentrations in samples collected by DWER in the Hyne road drainage network. Data are compared to the ANZECC guidelines and the background concentrations detected in the neighbouring drainage network in previous work (Nice et al 2009).

Site	As (mg/L)	Cd (mg/L)	Cr (mg/L)	Cu (mg/L)	Pb (mg/L)	Ni (mg/L)	Zn (mg/L)
Airport south	<0.001	~0.0001	>0.001	~0.009	<0.001	~0.006	~0.1
Airport North	0.002	~0.0001	>0.001	~0.005	<0.001	~0.001	~0.03
Fire sampling (DWER data)	0.002	0.003	0.042	0.059	0.026	0.015	2.4
Highest ANZECC Guideline exceeded Freshwater	>99% assuming all AsV	>80%	>80% Assuming all CrIV	>80%	>80%	>90%	>80%
Highest ANZECC Guideline exceeded Marine	N/A	>99%	>90% Assuming all CrIV	>80%	>80%	>99%	>80%

Figure 1. Estuary water quality profiles before (25 November 2019) and after (2 December 2019) the fire event.

