
TOWN OF
EAST FREMANTLE



AGENDA ATTACHMENTS

Council Meeting

Tuesday, 15 November 2016 at 6.30pm

15 November 2016

AGENDA

AGENDA ATTACHMENTS

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Council Meeting

15 November 2016

AGENDA



MINUTES

Town Planning & Building Committee

Tuesday, 1 November 2016 at 6.32pm

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**MINUTES OF THE ORDINARY MEETING OF THE TOWN PLANNING & BUILDING COMMITTEE HELD IN
THE COUNCIL CHAMBER ON TUESDAY 1 NOVEMBER 2016.**

1. DECLARATION OF OPENING OF MEETING/ANNOUNCEMENTS OF VISITORS

The Presiding Member opened the meeting at 6.32pm and welcomed members of the gallery.

2. ACKNOWLEDGEMENT OF COUNTRY

“On behalf of the Council I would like to acknowledge the Nyoongar people as the traditional custodians of the land on which this meeting is taking place.”

3. RECORD OF ATTENDANCE

3.1 Attendance

The following members were in attendance:

Cr C Collinson	Presiding Member
Mayor J O’Neill	
Cr M McPhail	
Cr L Nicholson	
Cr D Nardi	
Cr A White	

The following staff were in attendance:

Mr A Malone	Executive Manager Regulatory Services
Ms G Cooper	Minute Secretary

3.2 Apologies

Nil.

3.3 Leave of Absence

Nil.

4. RESPONSE TO PREVIOUS PUBLIC QUESTIONS TAKEN ON NOTICE

Nil.

5. PUBLIC QUESTION TIME

Nil.

6. CONFIRMATION OF MINUTES OF PREVIOUS MEETING

6.1 Town Planning and Building Committee (4 October 2016)

6.1 OFFICER RECOMMENDATION/COMMITTEE RESOLUTION

Cr Nardi moved, seconded Cr M McPhail

That the minutes of the Town Planning and Building Committee meeting held on Tuesday 4 October 2016 be confirmed as a true and correct record of proceedings.

(CARRIED 6:0)

7. PRESENTATIONS / DEPUTATIONS / PETITIONS

7.1 Presentations

Nil.

7.2 Deputations

Nil.

7.3 Petitions

Nil.

8. DISCLOSURES OF INTEREST BY MEMBERS

Nil.

9. LATE ITEMS NOTED

Nil.

10. REPORTS OF COMMITTEES

10.1 Community Design Advisory Committee

Prepared by: Andrew Malone Executive Manager Regulatory Services

Supervised by: Gary Tuffin, Chief Executive Officer

Authority/Discretion: Town Planning & Building Committee

Attachments: 1. Minutes of Community Design Advisory Committee Meeting

PURPOSE

To submit the minutes of the Community Design Advisory Committee meeting for receipt by the Town Planning & Building Committee.

EXECUTIVE SUMMARY

The Committee, at its meeting on 24 October 2016, provided comment on planning applications listed for consideration at the November Town Planning Committee meeting and other applications to be considered in the future. Comments relating to applications contained within the November agenda have been replicated and addressed in the individual reports.

There is no further action other than to receive the minute.

10.1 OFFICER RECOMMENDATION/COMMITTEE RESOLUTION TP 011116

Cr White moved, seconded Cr Nicholson

That the Minutes of the Community Design Advisory Committee meeting held on 24 October 2016 be received.

(CARRIED 6:0)

11. REPORTS OF OFFICERS (COMMITTEE DELEGATION)

11.1 No. 77-79 (Lot 700) George Street – Change of Use

Applicant	D McInTosh – The Pilates Centre WA
Owner	Nakara Nominees P/L & W & A Anderson
File ref	P/GEO77, P089/16, A12462
Prepared by	Andrew Malone, Executive Manager of Regulatory Services
Supervised by	Gary Tuffin, Chief Executive Officer
Meeting date	1 November 2016
Voting requirements	Simple Majority
Attachments	<ol style="list-style-type: none">1. Location plan2. Photos3. Owner's consent letter4. Applicant's covering letter5. Plans received 30 August 2016

Purpose

Change of use from residential on the first floor of the building for the expansion of The Pilates Centre WA, at 77-79 (Lot 700) George Street, East Fremantle.

Executive Summary

The proposal is for a change of use from residential to recreation indoor to facilitate the expansion of the existing ground floor business (The Pilates Centre WA). The proposed change of use is not considered to create any additional planning issues (with the exception of car parking – addressed in detail below). The proposed change of use is recommended for approval subject to conditions.

Background

Zoning: Mixed Use

Precinct: Plympton

Site area: 770 sqm

Date application received: 30 August 2016

Documentation: 30 August 2016

Previous Decisions of Council and/or History of an Issue or Site

11 July 2006 Council approved the change of use from consulting rooms to shop.

6 May 2014 Council approved the change of use from consulting rooms to retail.

Consultation

Advertising

The proposed application was advertised to surrounding landowners for a 2-week period between 7 and 22 September 2016. No submissions were received.

Community Design Advisory Committee

This application was not considered by the CDAC.

Statutory Environment

Planning and Development Act 2005

Residential Design Codes of WA

Town of East Fremantle Town Planning Scheme No. 3

Policy Implications

Town of East Fremantle Residential Design Guidelines 2015
Heritage List – Municipal Heritage Inventory listed Category ‘A’
Fremantle Port Buffer Zone Area – Area 2

Financial Implications

Nil

Strategic Implications

Nil

Site Inspection

Site inspection undertaken: Yes

Triple Bottom Line Assessment

Economic implications

There are no known significant economic implications associated with this proposal.

Social implications

There are no known significant social implications associated with this proposal.

Environmental implications

There are no known significant environmental implications associated with this proposal.

Comment

The existing shops (77-85) are listed in the Schedule of Heritage Places in Town Planning Scheme No 3 and the Municipal Inventory. The heritage status of this building has not been considered in the assessment of this application, in so far as, no external modifications to the building are proposed.

It appears that at the date of gazettal of the Town Planning Scheme No. 2 (9 July 1982) which established the business zoning for the subject site for the first time, there may have been non-conforming uses existing on the lot (the whole of 77-85). Under TPS 2 the units were recognised as being ‘Shops’.

The building at the date of gazettal of the Town Planning Scheme No. 3 is zoned ‘Mixed Use’ and as far as can be ascertained, the unit was operating as a yoga/ Pilates studio in March 2004 prior to the gazettal of TPS 2 (December 2004).

Under Council’s Town Planning Scheme No. 3, a yoga/ Pilates studio in George Street is considered ‘recreation – private’ and is an “A” use, which means the use is not permitted unless the local government has exercised its discretion by granting planning approval after giving special notice in accordance with clause 9.4.3. However, as the property was utilized as a yoga/ Pilates studio prior to the gazettal of TPS 2, there are non-conforming use rights on the property.

4.8 NON-CONFORMING USES

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

- (a) the continued use of any land for the purpose for which it was being lawfully used immediately prior to the Gazettal date;

-
- (b) the carrying out of any development on that land for which, immediately prior to the Gazettal date, an approval or approvals, lawfully required to authorize the development to be carried out, were duly obtained and are current; or
 - (c) subject to clause 11.2.1, the continued display of advertisements which were lawfully erected, placed or displayed prior to the Gazettal date.

4.9 EXTENSIONS AND CHANGES TO A NON-CONFORMING USE

4.9.1 A person must not:

- (a) alter or extend a non-conforming use;
- (b) erect, alter or extend a building used in conjunction with or in furtherance of a non-conforming use; or
- (c) change the use of land from a non-conforming use to another nonconforming use, without first having applied for and obtained planning approval under the Scheme.

4.9.2 An application for planning approval under this clause is to be advertised in accordance with clause 9.4.

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

With regard to the above, a letter was sent to adjoining tenants and owners of surrounding properties inviting comment on the proposal. No comments were received.

The applicant has stated:

We offer what is known in the industry as non-clinical group reformer Pilates classes. Currently our studio consists of one studio room with 10 Allegro 2 reformers teaching a maximum of 10 clients per class at the below times listed. Classes run for 55min. We also have a small middle room downstairs that consists of a sign in desk, stores some equipment and the pigeon holes for clients to store their personal belongings while attending classes. We also have a small waiting room at the back of the premises. The average attendance across the week for our classes is just under 7 clients per class. There is currently a maximum of two staff members on site at any one time and this will remain the case with the proposed two room arrangement.

The Pilates Centre WA- Opening Hours are as follow:

- Mondays 8:30am -10:30am, 4:30pm - 8:30pm
- Tuesdays: 6am - 11:30am, 5:30pm - 8:30pm
- Wednesdays: 6am-7am, 9.30am-10:30am, 4:30pm - 8:30pm
- Thursdays: 6am-11:30am, 5:30pm-8:30pm
- Fridays: 6am-10:30am
- Saturdays: 7am-10am, 2pm-4:30pm
- Sundays: 8am-11am

The applicant continues:

We have an office offsite so the premises is not being used continuously. Once classes finish in the morning the premises closes and we do not open again till the late afternoon. This will not change with the extension. This application is for the extension of our business to now include a second boutique reformer room containing 8 Allegro 2 Pilates reformers (same equipment as downstairs) directly above the premises at the same address 79 George Street. This is only an extension of the service we currently provide which is teaching reformer Pilates. The upstairs room will allow us to

focus on smaller groups to teach the fundamentals of reformer Pilates and to have some more class options for clients at peak class times.

As can be seen from the above opening hours the business operates generally outside conventional business hours, catering for morning and evening classes. The operating hours are considered to have minimal impact to the George Street area and Council has not received any complaints about the business.

Land Use

The subject site is zoned 'Mixed Use'. As stated, the subject site has been utilized in some form as a yoga/ Pilates Studio prior to 2004, however the upper floor, the subject of this application is a residential studio and does not have any commercial uses approved by Council.

It is considered that the proposed use is consistent with the existing ground floor use and general objectives for a 'Mixed Use' zone as described in the Scheme. The Pilates studio will not have extended opening hours, will not attract significant additional visitor numbers likely to impact on adjoining businesses (maximum class capacity is 10), and does not generate significant adverse noise. As the business has not generated previous parking or other adverse impacts having operated in the area for many years the use is considered a favourable use in the area. In this regard the use can be considered a low-impact use that does not undermine the locality, in accordance with the objectives of the Scheme.

However, the area to be utilized is a residential unit (upper floor) and does change the use from residential to commercial. The parking generation for a commercial use exceeds the residential car parking requirements. The general impact on the locality will be greater than the existing residential use. These issues will be discussed later in the report.

Parking

Research of the subject property was undertaken. Specific information relating to the existing use was sparse, however it is clear that a yoga/ Pilates studio has operated on the lower floor for an extended period of time from the property. The upper floor is utilized for residential uses. The existing yoga/Pilates studio requires 9 spaces, plus 2 spaces for staff, however there were no on-site bays provided (total net area 82.7m² of which 39.3m² is actual physical exercise area). The car parking includes the reception area and waiting area, even though these areas have been stated by the applicant as being utilized infrequently. If the exercise area was calculated for a parking requirement only 4 bays would be required. The applicant has stated there are 3 bays to the rear of the property and these operate on a "first come first served basis". The existing business operates from the property with an 11 car bay parking shortfall.

With respect to the current application for extension of the existing business to the upper floor, under Schedule 10 the parking provisions require an additional 6 car parking bays (59.85m² of exercise area). The total required car parking is 17 bays (9 bays if only the exercise area is considered).

The proposed use as a yoga/Pilates studio is considered a relatively small scale and low impact use, with operating hours generally outside of those of the other business uses in the street. The traffic likely to be generated by the current proposal and the probable effect on traffic flow are considered minor, however an additional 6 bays will be required.

In this situation, Council must first decide whether it is to relax the parking requirements or not. Under Clause 5.6.1, Council may approve the application even if it does not meet Scheme requirements, in this case the parking requirement, however can only do so if it meets the following criteria:

-
- 5.6.2. In considering an application for planning approval under this clause, where, in the opinion of the local government, the variation is likely to affect any owners or occupiers in the general locality or adjoining the site which is the subject of consideration for the variation, the local government is to —
- (a) consult the affected parties by following one or more of the provisions for advertising uses under clause 9.4; and
 - (b) have regard to any expressed views prior to making its determination to grant the variation.
- 5.6.3. The power conferred by this clause may only be exercised if the local government is satisfied that —
- (a) approval of the proposed development would be appropriate having regard to the criteria set out in clause 10.2; and
 - (b) the non-compliance will not have an adverse effect upon the occupiers or users of the development, the inhabitants of the locality or the likely future development of the locality.

‘Matters to be considered by local government’ as per clause 10.2 of the Scheme (Deemed Provisions), which Council must have regard to if such a relaxation is to be granted, required to be considered under Clause 10.2, include the following:

- (a) the aims, objectives and provisions of the Scheme;
- (c) the requirements of orderly and proper planning;
- (o) the preservation of the amenity of the locality;
- (q) whether the proposed means of access to and egress from the site are adequate and whether adequate provision has been made for the loading, unloading, manoeuvring and parking of vehicles; and
- (r) the amount of traffic likely to be generated by the proposal, particularly in relation to the capacity of the road system in the locality and the probable effect on traffic flow and safety.

All car parking and associated street car parking has already been accounted for. There is no other car parking that can be utilised for this proposed application. The George Street Precinct car parking while available cannot be assumed to be used in conjunction with the development at such times as it might reasonably be required.

The following justification with regard to car parking:

1. The majority of customers will be local residents and business operators who originate within walking distance or will be part of the existing user base.
2. The operational hours are considered to be varied from the operating hours of other uses in the area and therefore will utilize spaces early morning and late evening, outside of peak parking hours, however the operating hours may conflict with some of the peak times for the cafes in the area.

With regard to Clause 10.2 of TPS3 (‘Deemed Provisions’), the proposed use is considered to adhere to the George Street ‘Mixed Use’ objectives, primarily “to provide for a limited range of commercial, civic and community facilities to meet the day to day needs of the community, but which will not prejudice the amenities of the neighbourhood”. The traffic likely to be generated by the proposal and the probable effect on traffic flow are considered minor considering the staggered use of the different rooms and the hours of operation. The turnaround of clients is considered relatively high while open (maximum of 10 patrons every hour), however as discussed it is envisaged that these customers may be existing users of other services in the George Street Precinct.

While cash in lieu has been considered as an option, it is considered an unviable option and is one Council should not request in this instance due to the scale and nature of the use and the hours of operation. A condition has been included in the Officer's Recommendation approving the proposed upper floor use for 1 year only on a trial period only. Should the yoga/ Pilates studio close the area is to revert back to a residential use. The applicant will be required to submit a further application to retain the use after the expiry of the 1 year time period. Council can monitor if such a shortfall in the car parking numbers can be facilitated in the area.

A vibrant, efficient and active George Street benefits the Town and the wider community. The existing business has operated in the area for an extended period of time. It is considered that Council can approve the proposed extension to the upper floor to the existing use based on the proposed temporary use. It is recommended Council utilise Clause 5.6.1 of TPS, where Council may approve the application even if it does not meet Scheme requirement of car parking, without the requirement for a cash in lieu payment.

Amenity provisions of the Scheme

The following provisions of Clause 10.2 of the Town of East Fremantle Town Planning Scheme No. 3 Clause 10.2 (a), (c), (g), (j), (o), (p) and (q) are considered relevant in the assessment of this development application.

The following provisions of Clause 10.2 of the TPS No. 3 (j), (o) and (p) are considered most relevant:

- (j) the compatibility of a use or development with its setting;
- (o) the preservation of the amenity of the locality; and
- (p) the relationship of the proposal to development on adjoining land or on other land in the locality including but not limited to, the likely effect of the height, bulk, scale, orientation and appearance of the proposal.

The proposed extended use of the building for Pilates is compatible with the surrounds/ residential use of the locality, with the exception of the car parking generation as discussed above. The car parking shortfall is 17 bays (9 bays if only the actual exercise area is considered), of which an 11 bay shortfall is existing. Is this shortfall considered such an impact as to warrant refusal on the grounds that the development does not comply with the amenity provisions of Clause 10.2? Based on the impact the existing business has (11 bay shortfall) and the proposed extension this would result in an additional 6 bays being required (based on net area, including the waiting room and reception, however these areas are not utilized for actual exercisable space), the parking demand is not considered sufficient enough to refuse the proposed extension (subject to conditions, to enable Council to review the potential impact). The business has operated in the area successfully for an extended period of time (since 2004), without any complaints raised by the community. The applicant has provided a detailed letter outlining the operations of the business. The opening hours of the business and the staggered operating hours of the two rooms will minimise the impact to the George Street Precinct.

Based on Clause 10.2 (j), (o) and (p) of the Scheme, the proposed Pilates studio (upper floor change of use) is consistent with the existing (ground floor) use and can be approved by Council. The extension is replacing a residential studio, however due to the location and zoning of the land, Council can approve of the use should it be considered appropriate.

Conclusion

The proposed development extension (change of use) is considered to be consistent with the 'Mixed Use' zone of the locality. The car parking shortfall is 17 bays, which considering the other commercial

uses of the strata, is a considerable shortfall. The conditions of use and the temporary approval will minimise the impact of the business and enable Council to review any potential impacts the shortfall in car parking may have. Based on the conditioned approval, it is recommended Council support the proposed change of use.

- Mr Daniel McIntosh (applicant) addressed the meeting and is in support of the officer's recommendation.

11.1 OFFICER RECOMMENDATION/COMMITTEE RESOLUTION TP021116

Cr Nicholson moved, seconded Mayor O'Neill

That Council exercise its discretion in granting planning approval for the change of use to expand the Pilates studio space from residential studio located on the first floor at the existing premises at No. 77-79 (Lot 700) George Street, East Fremantle, in accordance with the plans date stamped received 30 August 2016, subject to the following conditions:

- 1. This approval is only valid for 12 months. The applicant is required to submit a further application to retain the use, prior to the 12 months expiry date from the date of this approval.**
- 2. The operational hours of the Pilates studio are not permitted to be altered (as outlined in assessment report) without the prior approval of Council.**
- 3. Should the Pilates studio cease to operate from the upper floor residential studio for a period longer than 6 months, the use of the upper floor is to revert to residential. No other commercial activity is permitted to be utilised from the upper floor without the prior approval of Council.**
- 4. A maximum of 20 patrons are permitted on the property only comprising of all 3 exercise areas.**
- 5. The works are to be constructed in conformity with the drawings and written information in relation to use accompanying the application for planning approval other than where varied in compliance with the conditions of this planning approval or with Council's further approval.**
- 6. The commercial building kept clean and free of graffiti and vandalism at all times and any such graffiti or vandalism to be remedied within 24 hours to the satisfaction of the Chief Executive Officer.**
- 7. No signage is approved under this change of use application. A separate planning application is required for any proposed signage. All signage to comply with the Town's Local Planning Policy Design Guidelines – Signage.**
- 8. The applicant is required to submit the works comply with the relevant BCA requirements for a commercial building and the applicant is required to submit to Council a Certified Building Fitout for the upper floor. With regard to the plans submitted with respect to the building fitout application, changes are not to be made in respect of the plans which have received planning approval, without those changes being specifically marked for Council's attention.**
- 9. The proposed use is not to be commenced until all conditions attached to this planning approval have been finalised to the satisfaction of the Chief Executive Officer in consultation with relevant officers.**

Footnote:

The following are not conditions but notes of advice to the applicant/owner:

- (a) This decision does not include acknowledgement or approval of any unauthorised development which may be on the site.***
- (b) A copy of the approved plans as stamped by Council are attached and the application for a building permit is to conform with the approved plans unless otherwise approved by Council.***

(c) The approval does not include approval of any advertising signage. A separate development application is required for any signage proposal.

(CARRIED 6:0)

Note:

As 4 Committee members voted in favour of the Reporting Officer's recommendation, pursuant to Council's decision regarding delegated decision making made on 16 June 2015 this application deemed determined, on behalf of Council, under delegated authority.

11.2 Bedford Street, No 20 (Lot 404) – Demolition and Construction of Two Storey Dwelling

Applicant	Gerard McCann Architect
Owner	D Ogilby
File ref	P/BED20
Prepared by	Christine Catchpole, Planning Officer
Supervised by	Andrew Malone, Executive Manager Regulatory Services
Voting requirements	Simple Majority
Documents tabled	Nil
Attachments	1. Location Plan 2. Photographs 3. Plans date stamped received 30 August 2016

Purpose

This report considers a planning application for the construction of a two storey dwelling following the demolition of the existing residence at No. 20 (Lot 404) Bedford Street, East Fremantle.

Executive Summary

The following issues are relevant to the determination of this application:

- Lot boundary setbacks: parapet walls and reduced setbacks to eastern and southern boundary;
- Site works: excavation within the street setback and within 1.0 metre of the lot boundary;
- Retaining walls: greater than 500mm and within 1 metre of the lot boundary required to retain ground level of adjoining sites due to excavation; and
- Garage width exceeding 30% of lot frontage.

It is considered the lot boundary setbacks, site works, retaining walls and garage width variations can be supported subject to conditions of planning approval being imposed to ensure the residential amenity for adjoining properties is maintained.

Background

June 2014 – WAPC approval of freehold subdivision of the lot (450m²).

Consultation

Advertising

The application was advertised by a sign being placed on the site for two weeks and letters sent to surrounding land owners from 8 September to 3 October 2016 during which time one submission was received.

SUBMISSION	APPLICANT RESPONSE	OFFICER COMMENT
<p>The two storey section of the dwelling is located at the front of the property, and would make this dwelling the only one in the street with a two storey frontage.</p> <p>The Town of East Fremantle has determined that there are single storey dwellings in Bedford Street, including our property at No. 21, that make the street a location of heritage</p>	<p>The observation is correct, but as discussed in the application, the dwelling has been lowered on the site and the upper floor designed as a loft style so that the overall bulk of the dwelling is not that much greater than the single storey dwellings to either side and is compliant with the Council's height provisions. The double storey section close to the street is a single narrow room, designed to give vertical articulation to the front of the house. This is balanced by the single storey</p>	<p>Two storey dwellings are permitted in a R20 zone and are subject to the height requirements of either the R-Codes or the Residential Design Guidelines. In this location the R-Codes height restrictions apply because significant views out from the property are not considered to be impacted for example, a significant ocean, river or long range view to the city or port is not being impacted.</p>

<p>interest. Giving approval to the proposed design would contradict the stated objective of Council.</p> <p>The proposed dwelling at No. 20 will restrict our view of the large trees and sky as we look east from our front verandah. The two storey development behind our property, what is now Yard Property on Silas Street, backs onto our property. This development was approved by Council with multiple waivers of planning guidelines, and significantly blocks our view of the large trees and skyline looking west. A two storey dwelling immediately across the street from us would further negatively impact the amenity of our property.</p>	<p>sections to either side, stepped back to also create horizontal articulation. All of this is a deliberate 'breaking up' of the façade so as to create visual interest. This is intentional so that this, as a modern house, has as much visual complexity and interest as the heritage housing nearby, without recourse to mimicry of the heritage palette to try and create homogeneity in the streetscape. It is intended that the breakaway from the strict 6.0 metre setback line, which can create a boring two-dimensional streetscape will also enhance the proposal's complexity in terms of the visual, the scale and the bulk.</p> <p>It is acknowledged that Bedford St is a predominantly single storey streetscape, however the above design elements intend to enhance this rather than contradict or destroy that integrity by ensuring the greater part of the building bulk facing the street is single storey. It should also be noted that the design as submitted complies with the R-Codes.</p> <p>Furthermore, we live in a continually changing landscape and streetscape. This is what creates a dynamic Town. Council's own verge trees grow, die and are replaced. Whilst the sentiments of the submission are acknowledged and respected, the terms of the R-Codes do not allow such changes to affect development.</p> <p>The proposal is consistent with R-Code provisions for the zoning. The submitted design is a deliberate attempt to break up the 'flatness' of a consistent 6.0 metre setback to the streetscape. Most heritage housing has articulated facades, with protruding rooms, gables and recessed verandahs etc. This proposal aims to create its own visual complexity by exploiting the R-Code provisions. As noted above, this creates homogeneity in the streetscape by using abstract form to establish this complexity. As well, it should be noted the blight of modern housing in heritage precincts is the ubiquitous double frontage garage dominating the streetscape elevation. This proposal deliberately creates two garage doors,</p>	<p>The submitter will maintain the same streetscape outlook onto single residential properties. Also, the objectives of the Residential Design Guidelines are not to prevent two storey development but to <i>"guide new dwellings and additions /alterations to existing dwellings (particularly second storey additions) which are compatible with the character, form and scale of existing residential development in the locality and harmonize with the existing streetscape"</i>.</p> <p>Views of trees on the street and on surrounding properties will still be possible regardless of whether the development was one or two storeys in height. They are partially obscured now from the submitter's side of the street by the single storey house as it is elevated on the lot. Views of trees either side of the subject site will also be available.</p> <p>The applicant is intending to excavate the site so that on average the ground level will be 600mm below natural ground level over the entire site. The proposed maximum height of the dwelling will be 8.55 metres to the ridge for the two storey section and 5.4 metres to the ridge for the single storey section. This is below the maximum roof ridge height permitted under the R-Codes of 9.0 metres. The ridge of the second storey will be 1.8 metres higher and the single storey roof ridge will be 1.4 metres lower than the roof ridge of the house at No. 18 Bedford Street which provides a good indication of how the new dwelling will sit in the streetscape as this house is more typical of the Federation Bungalow style in the street. It is also noted that a second storey addition has been constructed to</p>
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	<p>setting one forward under a culturally appropriate double height frontage (picking up the language of a gable-fronted heritage house), and then setting the second garage door back and recessed into deep reveals, to minimise the visual impact of the doors.</p> <p>Second storey additions to heritage houses are quite sensibly located at the rear of those houses so as not to challenge the visual integrity of the single storey front elevations. However, with a new house, the rules are obviously less prescriptive.</p> <p>Cognisant of the potential then for a full width two storey façade to ruin the streetscape, this proposal sets the greater bulk of the two-storey section back behind the single storey ridgeline, with just one room protruding forward at the two storey height. The greater bulk of the front façade is thus single storey. As mentioned above, this has been done deliberately to create vertical, as well as horizontal, articulation to the façade and thus enhance its visual complexity. It should be noted that the upper floor has a loft-style ceiling and roof form and the whole building has been lowered on the site to minimise the overall height of the proposal. The heights proposed for the ridges and the walls all comply with Council's Planning requirements.</p>	<p>the rear of 18 Bedford Street.</p>
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Community Design Advisory Committee (CDAC)

This application was considered by the CDAC at its meeting on 19 September 2016. The Panel's comments were recorded as follows:

- *The Committee support the proposed development; and*
- *The Committee appreciate the architect's consideration of the streetscape and character of the locality by reference to the excavation of the subject lot.*

Statutory Environment

Planning and Development Act 2005

Residential Design Codes of WA

Town of East Fremantle Town Planning Scheme No. 3

Policy Implications

Town of East Fremantle Residential Design Guidelines 2016 (as amended)

Fremantle Port Buffer Zone – Area 3

Financial Implications

Nil.

Strategic Implications

Nil.

Site Inspection

August 2016

Triple Bottom Line Assessment

Economic implications

There are no known significant economic implications associated with this proposal.

Social implications

There are no known significant social implications associated with this proposal.

Environmental implications

There are no known significant environmental implications associated with this proposal.

Comment

TPS 3 Zoning: Residential R20

Site area: 450m²

Statutory Assessment

The proposal has been assessed against the provisions of Town Planning Scheme No. 3 and the Town's Local Planning Policies. A summary of the assessment is provided in the following tables.

Legend (refer to tables below)	
A	Acceptable
D	Discretionary
N/A	Not Applicable

Residential Design Codes Assessment

Design Element	Required	Proposed	Status
Street Front Setback	6.0m	4.6m – 6.7m (meets averaging provision under the R-Codes)	A
Lot Boundary Setback	1.0m - 1.5m	Nil	D
Open Space	50%	60.6%	A
Outdoor Living	30m ²	>100m ²	A
Car Parking	1	2	A
Site Works	Less than 500mm	600mm excavation	D
Retaining Walls	Greater than 500mm and closer than 1m from lot boundary	Nil and greater than 500mm	D
Overshadowing	25%	16%	A
Drainage	On-site	On-site	A

Local Planning Policy Assessment

LPP Residential Design Guidelines Provision	Status
3.7.2 Additions and Alterations to Existing Buildings	N/A
3.7.3 Development of Existing Buildings	N/A
3.7.4 Site Works	D

3.7.5 Demolition	A
3.7.6 Construction of New Buildings	D
3.7.7 Building Setbacks and Orientation	D
3.7.8 Roof Form and Pitch	A
3.7.9 Materials and Colours	A
3.7.10 Landscaping	A
3.7.11 Front Fences	N/A
3.7.12 Pergolas	N/A
3.7.13 Incidental Development Requirements	N/A
3.7.14 Footpaths and Crossovers	A
3.7.18.3 Garages, Carports and Outbuildings	D
3.7.15-20 Precinct Requirements	D

Building Height Requirement	Required	Proposed	Status
Building Height (wall) (R-Codes)	6.0m	6.0m	A
Building Height (roof) (R-Codes)	9.0m	8.0m	A

The lot to be developed was approved by the WAPC in 2014 as a freehold lot. The lot of 450m² was subdivided from a larger lot with the balance of the land being amalgamated with the lot to the rear at 21 Moss Street. The original dwelling has no heritage listing and is proposed to be demolished. A high limestone block rear retaining and dividing fence has been constructed in anticipation of redevelopment of the Bedford Street lot by the owner who is also an owner of 21 Moss Street.

The proposed dwelling is a two storey house that comprises a ground floor level consisting of a lounge, powder room, kitchen, living, dining, laundry and alfresco area under the main roof; and a first floor level consisting two bathrooms and three bedrooms. Two separate but side by side garages are proposed on the southern side of the lot and although not indicated on the plans would appear to be intending to utilise the existing crossover.

There are a number of minor variations to the R- Codes and the Residential Design Guidelines that are mostly due to the proposed excavation of the lot and the desire to position the garage and the shed as close as possible to the lot boundaries. These matters are discussed below.

Lot boundary setbacks

The lot boundary setbacks of the dwelling do not comply in respect to the parapet walls of the garage, the shed on the southern side and the outdoor living area at the rear which is under the main roof of the house. For the most part the dwelling is well set back from all lot boundaries and complies with the built form and visual privacy setbacks for both the ground and upper floor.

The parapet walls of the garage and shed are small sections of wall at 6.3 metres and 2.1 metres in length respectively. The rear wall of the outdoor living area is to be constructed immediately abutting the limestone boundary wall. The roof of the outdoor area will be attached to the parapet wall which will allow the most effective use of the rear yard on a smallish lot.

The reduced setbacks are considered to have no impact on the amenity of the adjoining lots and the nil rear setback is the preferred design option of the applicant who is a co-owner of the rear lot. The owner to the south has not raised any objection to the parapet walls. A condition in respect to the finish of the walls is recommended in this regard to ensure a satisfactory outcome for the adjoining owner.

As discussed above whilst the 'Deemed to Comply' setback provisions are not achieved the 'Design Principles' of the R-Codes are considered satisfied, in that the building does not unnecessarily contribute to building bulk on the adjoining lot, provides for adequate sun and ventilation to open spaces and the adjoining property. Overshadowing is within the acceptable limits for the R20 coding at 16% (88m²) of the adjoining lot to the south.

Site works and retaining walls

The proposed excavation is in excess of that permitted under the 'Deemed to Comply' provisions of the R-Codes. The site will be excavated to a ground level of RL 8.20, which is on average 600mm below natural ground level over the entire site. The existing ground level will remain as is, along the northern boundary, to ensure the structural stability of the boundary wall between the site and the lot to the north. Retaining walls will be built to the northern and southern boundaries to the existing ground levels on the adjoining sites. The rear (eastern boundary) has a recently constructed high limestone retaining wall built to below the proposed Lot 404 ground level in anticipation of the redevelopment of Lot 404.

Therefore this element requires assessment under the 'Design Principles' of the R-Codes which state as follows.

- P7.1 Development that considers and responds to the natural features of the site and requires minimal excavation/fill.*
- P7.2 Where excavation/fill is necessary, all finished levels respecting the natural ground level at the boundary of the site and the adjoining properties and as viewed from the street.*

The proposed maximum height of the residence will be RL 16.75, 8.0 metres above natural ground level and 8.45 metres above the proposed floor level at the roof ridge. The top of the garage parapet wall will be RL 11.20 which will be 2.7 to 2.9 metres above the existing ground level on Lot 400 to the south. The upper wall height will be RL 14.3, which will be 5.52 metres above natural ground level.

As views for surrounding residences are not considered to be impacted the maximum wall height of 6.0 metres and roof ridge height of 9.0 metres under the R-Codes can be applied. The excavation and retaining walls proposed are therefore supported as the height limits of the dwelling are not exceeded and the excavation of the site allows the two storey dwelling to be of a comparable height to the single storey residences in the street. Also, all finished levels will respect existing levels at the lot boundaries.

Garage width and crossover

The crossover is not indicated on the plans so a condition is recommended which will ensure compliance with Council's crossover provisions as outlined in the Residential Design Guidelines. A provision of the Guidelines is that for lots of 12 metres or more in width that crossovers not exceed 5 metres. The lot is 18.3 metres wide and therefore a condition of approval requiring the crossover to be no greater than 5 metres is considered justified. This is important because the double garage and driveway marginally exceeds that permitted for the width of the lot under the Guidelines (i.e. 32% and greater than the permitted 30%) and so minimising hardstand wherever possible is important. This variation, however, is supported because the proposal is considered to meet the 'Performance Criteria' of the Residential Design Guidelines for new dwellings which state:

"Garages and carports are designed to be incorporated into and compatible with, the design of the dwelling."

With new residences the applicant is to demonstrate the impact of the garage or carport on the new dwelling. In this case while the garage is forward of the building line for the lower floor the upper floor extends out over the garage thus minimising its visual impact on the streetscape and providing some interest in the façade above the garage doors. The visual minimisation of the garage is also achieved by offsetting the two garages and this combined with a significant landscaped area across the width of the lot and along the opposite side boundary is considered to compensate for the slightly greater combined width of the garages than that permitted. This variation is therefore supported.

Given the comments above the application is recommended for approval. The submission received is not considered a valid objection to development on the site in the manner proposed as discussed above. The redevelopment of the lot for a two storey dwelling is a permitted use of the land under the R20 code applicable to the area and is not considered to detrimentally impact the amenity of the surrounding area or the heritage values of the Precinct.

11.2 OFFICER RECOMMENDATION/COMMITTEE RESOLUTION TP031116

Mayor O'Neill moved, seconded Cr Nardi

That Council exercise its discretion in granting planning approval to vary:

- (i) Clause 5.1.3 - Lot Boundary Setback of the Residential Design Codes of WA to permit a lot boundary setback of less than 1.0 metre on the southern boundary and 1.5 metres on the eastern boundary;**
- (ii) Clause 5.3.7 - Site Works of the Residential Design Codes of WA to permit excavation behind a street setback line and within 1 metre of a lot boundary that is greater than 0.5 metres below natural ground level at the boundary;**
- (iii) Clause 5.3.8 - Retaining Walls of the Residential Design Codes of WA to permit a retaining wall greater than 0.5 metres in height less than 1.0 metre from the boundary; and**
- (iv) Clause 3.7.17.3 – Garages, Carports and Outbuildings of the Residential Design Guidelines 2016 to allow the width of the garage to exceed 30% of the lot frontage,**

for a two storey single dwelling at No. 20 (Lot 404) Bedford Street, East Fremantle, in accordance with the plans date stamped received on 30 August 2016, subject to the following conditions:

- 1. Any new crossovers which are constructed under this approval are to be a maximum width of 5.0 metres, the footpath (where one exists) to continue uninterrupted across the width of the site and the crossover to be constructed in compliance with Council's Residential Design Guidelines 2016.**
- 2. All parapet walls/building structures to the adjacent property face on the southern boundary are to be finished by way of agreement between the property owners and at the applicant's expense.**
- 3. If requested by Council within the first two years following installation, the Colourbond roofing to be treated to reduce reflectivity. The treatment to be to the satisfaction of the Chief Executive Officer in consultation with relevant officers and all associated costs to be borne by the owner.**
- 4. The works are to be constructed in conformity with the drawings and written information accompanying the application for planning approval other than where varied in compliance with the conditions of this planning approval or with Council's further approval.**
- 5. The proposed works are not to be commenced until Council has received an application for a Demolition Permit and a Building Permit and the Building Permit issued in compliance with the conditions of this planning approval unless otherwise amended by Council.**

6. With regard to the plans submitted with respect to the Building Permit application, changes are not to be made in respect of the plans which have received planning approval, without those changes being specifically marked for Council's attention.
7. All storm water is to be disposed of on site, an interceptor channel installed if required and a drainage plan be submitted to the satisfaction of the Chief Executive Officer in consultation with the Building Surveyor prior to the issue of a Building Permit.
8. All introduced filling of earth to the lot or excavated cutting into the existing ground level of the lot, either temporary or permanent, shall be adequately controlled to prevent damage to structures on adjoining lots or in the case of fill, not be allowed to encroach beyond the lot boundaries. This shall be in the form of structurally adequate retaining walls and/or sloping of fill at the natural angle of repose and/or another method as approved by the Town of East Fremantle.
9. Where this development requires that any facility or service within a street verge (street trees, footpath, crossover, light pole, drainage point or similar) is to be removed, modified or relocated then such works must be approved by Council and if approved, the total cost to be borne by the applicant. Council must act reasonably and not refuse any reasonable proposal for the removal, modification or relocation of such facilities or services (including, without limitation any works associated with the proposal) which are required by another statutory or public authority.
10. This planning approval to remain valid for a period of 24 months from date of this approval.

Footnote:

The following are not conditions but notes of advice to the applicant/owner:

- (i) This decision does not include acknowledgement or approval of any unauthorised development which may be on the site.*
- (ii) A copy of the approved plans as stamped by Council are attached and the application for a Building Permit is to conform with the approved plans unless otherwise approved by Council.*
- (iii) It is recommended that the applicant provides a Structural Engineer's dilapidation report, at the applicant's expense, specifying which structures on adjoining sites may be adversely affected by the works and providing a record of the existing condition of the structures. Two copies of each dilapidation report should be lodged with Council and one copy should be given to the owner of any affected property.*
- (iv) All noise levels produced by the construction of the development are to comply with the provisions of the Environmental Protection (Noise) Regulations 1997 (as amended).*
- (v) Matters relating to dividing fences are subject to the Dividing Fences Act 1961.*
- (vi) Under the Environmental Protection (Noise) Regulations 1997, the noise from an air-conditioner must meet assigned allowable noise levels at all times. The Environmental Protection Act 1986 sets penalties for non-compliance with the Regulations and the installer of a noisy air-conditioner can face penalties of up to \$5,000 under Section 80 of the Act. Refer to Department of Environmental Protection document – "An Installers Guide to Air Conditioner Noise".*

(CARRIED 6:0)

Note:

As 4 Committee members voted in favour of the Reporting Officer's recommendation, pursuant to Council's decision regarding delegated decision making made on 16 June 2015 this application deemed determined, on behalf of Council, under delegated authority.

11.3 Hamilton Street, No. 25 (Lot 18) – Alterations and Additions to Existing Dwelling

Applicant/Owner	S & M Lomma
File ref	P/HAM25
Prepared by	Christine Catchpole, Planning Officer
Supervised by	Andrew Malone, Executive Manager Regulatory Services
Voting requirements	Simple Majority
Documents tabled	Nil
Attachments	<ol style="list-style-type: none"> 1. Location Plan 2. Photographs 3. Plans dated 20 October 2016 4. Applicant submission - Attachments A - D

Purpose

This report considers a planning application for alterations and additions to an existing heritage listed dwelling, including a rear garage at No. 25 (Lot 18) Hamilton Street, East Fremantle.

Executive Summary

The alterations and additions will involve retention and renovation of the heritage listed dwelling (Category B) and will also include a carport on the southern side of the residence and a double garage in the south west corner of the property.

The following issues are relevant to the determination of this application:

- Lot boundary setbacks: reduced setbacks to southern and western boundaries (garage and carport);
- Garage width exceeding 30% of lot frontage;
- Front fence and sight lines;
- Roof pitch;
- Length of driveway with one way access/egress; and
- Impact on heritage listed dwelling - Category B.

It is considered the variations can be supported subject to conditions being imposed in respect to heritage matters, finish of walls up to the boundary (garage), front fencing, sight lines and crossover width.

Background

9 September 1992 – Building Licence issued for carport.

29 February 2016 – Department of Housing disposed of the property.

Consultation

Advertising

The amended plans were advertised to surrounding land owners from 20 September to 7 October 2016. One submission was received as outlined below.

SUBMISSION	APPLICANT RESPONSE	OFFICER COMMENT
The main impact on the property at 27 Hamilton Street, is the proposed garage and carport. No particular concern with the	In response to the neighbour's (27 Hamilton Street) query regarding our proposed garage, we do intend to speak with them directly. However,	A condition of approval is recommended which will require a suitable finish for the garage wall to the adjacent

<p>open carport. The plans show the garage built to the boundary and the wall height/gutter to 3.086m which is higher than the gutter level of the existing open carport.</p>	<p>because we do not live at 25 Hamilton Street we have not had an appropriate opportunity. We will endeavour to speak to them prior to the Town Planning and Building Meeting (1 November).</p>	<p>property faces by way of agreement between the property owners and at the applicant's expense.</p>
<p>The query is with the garage – will it be built up to the existing diving fence i.e. will the fence remain?</p>	<p>To address the query though, it is intended to build the garage on the boundary with a 20mm setback onto our property. This will be done at our cost and with agreed aesthetic outcome for both property owners. To provide such aesthetics we will need to gain access to 27 Hamilton Street to ensure the face brick finish is completed correctly. Once again we will seek this approval from the neighbours at 27 Hamilton Street.</p>	

Community Design Advisory Committee (CDAC)

This application was considered by the CDAC at its meeting on 19 September 2016. The following comments were made:

The Committee support the development in principle with the exception of the two points below:

- *the alteration to the existing roofline (barge and scribe) to the front façade of the proposed development. The original character of the roof should be maintained; and*
- *the retention of the existing chimneys.*

Following the Committee's comments in respect to the roofline changes the applicant was requested to provide further justification for the change to the roofline. The following has been submitted:

"In developing building plans for the renovation of this home, our aim was to not only keep the integrity of the external structures but also keep existing internal aspects (ceiling height, skirting, rosettes etc.) continuing throughout the home and including them in the proposed addition.

Initially, we were concerned that not only would the ridge change but that the side gable would be eliminated. However, we saved the side gable by lowering the ceiling heights in the proposed ensuite and alfresco area. Furthermore, please also note that the existing chimneys will be retained.

However, regarding the existing ridge (see Attachment A) it will cease to exist. As with any substantial addition to the rear of a home the rooflines and its structures change, as to provide the appropriate support to the new dwelling.

A roof structure is designed/engineered on the basis of the overall perimeter of the home. The existing structure is of a rectangular nature like many homes in that time period, allowing the roof to form a ridge rather than an apex. With any addition to the rear of the home, the overall shape has changed creating different roof spans.

An example would be the valley (Attachment B - highlighted on plans) in the existing roof is as seen, however with the additions the same valley needs to extend further to provide appropriate

roof support (Attachment C -Proposed Roof Plan). Ultimately, the roof structure and look changes due to the roof spans, angles and valleys needed to provide the appropriate support.

We tried a number of ways to keep the barge, such as lowering ceiling heights and roof angles, however there is no way possible except for keeping the existing roof on the existing part of the home and a separate roof being constructed on the proposed addition. This would basically create an unsightly roofline with two roofs on the one home and a major issue with expelling rain water. Overall, as mentioned previously the shape of the home has changed creating different roof spans.

While, we wish to place a gable similar in nature to the existing side gable and proposed gable over the carport, if denied this, the ridge will still not exist but instead an apex with a tile finial similar in nature to the example (see Attachment D) will be the result.”

The applicant has also stated previously in writing that the chimneys were mistakenly omitted from the plans and there is no intention to have them removed or altered. A condition of planning approval will be imposed which requires the chimneys be retained and unaltered.

The officer’s comments in response are provided below in the ‘Assessment’ section of the report.

Statutory Environment

*Planning and Development Act 2005
Residential Design Codes of WA
Town of East Fremantle Town Planning Scheme No. 3*

Policy Implications

*Town of East Fremantle Residential Design Guidelines 2016 (as amended)
Municipal Heritage Inventory - Category B
Fremantle Port Buffer Zone Area 3*

Financial Implications

Nil.

Strategic Implications

Nil.

Site Inspection

October 2016

Triple Bottom Line Assessment

Economic implications

There are no known significant economic implications associated with this proposal.

Social implications

There are no known significant social implications associated with this proposal.

Environmental implications

There are no known significant environmental implications associated with this proposal.

Comment

TPS 3 Zoning: Residential R20
Site area: 890m²

Statutory Assessment

The proposal has been assessed against the provisions of Town Planning Scheme No. 3 and the Town's Local Planning Policy. A summary of the assessment is provided in the following tables.

Legend (refer to tables below)	
A	Acceptable
D	Discretionary
N/A	Not Applicable

Residential Design Codes Assessment

Design Element	Required	Proposed	Status
Street Front Setback	6.0m	unchanged	A
Lot Boundary Setback – rear	1.0m	Nil	D
Lot Boundary Setback – side (garage and carport)	1.0m	818mm	D
Open Space	50%	56%	A
Site Excavation/Fill	Max 500mm	400mm	A
Car Parking	1	2+	A
Overshadowing	25%	<25%	A
Drainage	On-site	On-site	A

Local Planning Policy Assessment

LPP Residential Design Guidelines Provision	Status
3.7.2 Additions and Alterations to Existing Buildings	A
3.7.3 Development of Existing Buildings	A
3.7.4 Site Works	A
3.7.5 Demolition	N/A
3.7.6 Construction of New Buildings	N/A
3.7.7 Building Setbacks and Orientation	D
3.7.8 Roof Form and Pitch	D
3.7.9 Materials and Colours	A
3.7.10 Landscaping	A
3.7.11 Front Fences	D
3.7.12 Pergolas	N/A
3.7.13 Incidental Development Requirements	N/A
3.7.14 Footpaths and Crossovers	A
3.7.18.3 Garages, Carports and Outbuildings	D
3.7.15-20 Precinct Requirements	D

Building Height Requirement	Required	Proposed	Status
Building Height (wall) (R-Codes)	6.0m	3.086m	A
Building Height (roof) (R-Codes)	9.0m	6.0m	A

The applicant is seeking Council discretion with regard to several variations to provisions of the R-Codes and the Town's Residential Design Guidelines. These matters are discussed below.

Lot boundary setbacks

The lot boundary setbacks of the carport and the garage at the side and rear of the property do not comply. A double carport is already on site towards the rear corner but will be relocated to the side of

the house as a single carport and the double garage will be constructed in the rear corner as part of the extensions and renovations. The reduced setbacks are not considered to impact on the amenity of the adjoining properties and neither adjoining landowner has raised any concerns in relation to the setback distance by itself, therefore the reduced building setbacks are supported. The fencing matter raised by the adjoining owner is not a planning consideration and a condition of approval in respect to the finish of the garage wall is recommended.

Driveway length and access

The length of the driveway is approximately 17 metres and exceeds the 15 metres maximum length allowed under the R-Codes where one way access only is provided. In this circumstance it is considered the one way access can be supported over this distance as there is no proposed change to the existing access arrangements and no issues in regard to pedestrian or vehicle safety.

Roof pitch

The non-compliance with the roof pitch (i.e. 22° rather than the minimum 28°) is considered desirable in this case because it maintains the pitch of the existing roof as it is viewed from the street and has no impact on the heritage elements of the property.

Front fence – visual permeability and sight lines

The plans do not indicate the type of infill panel elements of the front fence, so it is not possible to determine whether the fence will fully comply with the provisions of the Residential Design Guidelines 2016. Compliance with this element is considered very important to maintaining an open streetscape. All dwellings in the Precinct have been subject to the same requirements since the Guidelines were introduced and this ensures housing remains visible from the street and landscaped front gardens are also the main streetscape element. A condition is therefore recommended that requires the details of the fencing panels to be included with the Building Permit application, be in compliance with the Residential Design Guidelines and to the satisfaction of the Chief Executive Officer.

Heritage

The dwelling is classified Category B and is therefore listed in the Scheme's Heritage List. The CDAC have suggested that the original character of the roof be maintained and that the roofline should not be altered with the addition of the barge and scribe to the front façade. The applicant has responded to the Committee's comments in detail as outlined above and whilst it would have been preferable that the original roofline be maintained the applicant's justification is considered reasonable. All things considered the applicant's position and arguments for modifying the roofline are justifiable and one uniform roof form, rather than two separate roof sections, is considered a better result.

The overall outcome of the development application is the retention and improvement of a heritage property in a street with a considerable number of heritage dwellings and the restoration of the home which will see the continued use of the building for many years to come. This is seen as adding to the valuable heritage assets of the Town and this is considered to offset the change to the roofline. On the whole the dwelling will not change dramatically in appearance and will still maintain many of the features of the original dwelling.

Garage width

Notwithstanding the garage is greater than 30% (i.e. 40%) of the width of the lot the garage is not considered to dominate the dwelling as viewed from the street. It is to be located in the furthest corner of the lot from the street and is partly obscured by the house extensions and the carport. There is also landscaping proposed along the driveway edge. This is considered the best possible location for the garage and therefore the slight increase above the width permitted is of no consequence and is supportable.

Conclusion

The variations sought in respect to this application are considered minor and are mostly a result of maintaining the existing situation with respect to the carport and obtaining the best possible outcome for preservation of the heritage elements of the dwelling. The construction of the garage at the rear of the property is considered the best design outcome and as the adjoining owners have not objected to the position of the garage on the boundary, the nil setback is supported. The application is therefore recommended for approval subject to a number of standard planning and heritage related conditions.

11.3 OFFICER RECOMMENDATION/COMMITTEE RESOLUTION TP041116

Mayor O'Neill moved, seconded Cr Nardi

That Council exercise its discretion in granting planning approval to vary:

- (i) Clause 5.1.3 - Lot Boundary Setback of the Residential Design Codes of WA to permit a lot boundary setback of less than 1.0 metre from the western and southern side boundaries for the carport and the garage;
- (ii) Clause 5.3.5 – Vehicular Access of the Residential Design Codes of WA to permit the distance from a car space to the street to be greater than 15 metres without two way access for vehicles;
- (iii) Clause 3.7.8.3 of the Residential Design Guidelines 2016 (as amended) to allow a roof pitch of less than 28° for the additions and alterations to the dwelling, carport and garage; and
- (iv) Clause 3.7.17.3 – Garages, Carports and Outbuildings of the Residential Design Guidelines 2016 to allow the width of the garage to exceed 30% of the lot frontage,

for alterations and additions to an existing dwelling, including a rear garage at No. 25 (Lot 18) Hamilton Street, East Fremantle, in accordance with the plans date stamped received on 20 October 2016, subject to the following conditions:

1. The two existing chimneys to be retained and unaltered.
2. The garage walls up to the boundary and facing the adjoining properties are to be fair faced brickwork, cement rendered or of another suitable finish to the adjacent property faces by way of agreement between the property owners and at the applicant's expense.
3. All fencing, including driveway and pedestrian gates within the street setback area to be in compliance with the Residential Design Guidelines 2016 (in particular, in respect to the visual permeability of the infill panels) and in compliance with the Australian Standards in respect to sight lines where boundary fencing meets the street front property boundary and the footpath. Full details of the infill panels to be submitted with the Building Permit application and to be to the satisfaction of the Chief Executive Officer.
4. The garage is not to be used for an ancillary dwelling, short stay or bed and breakfast accommodation (see advice note (i) below).
5. Any new crossover which is constructed is to comply with Council's crossover policy and specifications in consultation with the Operations Manager and not to exceed 5 metres in width. The footpath is to continue uninterrupted across the width of the site and the crossover to be constructed in a material and design to comply with Council's Residential Design Guidelines 2016.
6. The works are to be constructed in conformity with the drawings and written information accompanying the application for development approval other than where varied in compliance with the conditions of this development approval or with Council's further approval.
7. The proposed works are not to be commenced until Council has received an application for a Building Permit and the Building Permit issued in compliance with the conditions of this planning approval unless otherwise amended by Council.

8. With regard to the plans submitted with respect to the Building Permit application, changes are not to be made in respect of the plans which have received planning approval, without those changes being specifically marked for Council's attention.
9. The proposed dwelling is not to be occupied until all conditions attached to this planning approval have been finalised to the satisfaction of the Chief Executive Officer in consultation with relevant officers.
10. All stormwater is to be disposed of on site, an interceptor channel installed if required and a drainage plan be submitted to the satisfaction of the Chief Executive Officer in consultation with the Building Surveyor prior to the issue of a Building Permit.
11. All introduced filling of earth to the lot or excavated cutting into the existing ground level of the lot, either temporary or permanent, shall be adequately controlled to prevent damage to structures on adjoining lots or in the case of fill, not be allowed to encroach beyond the lot boundaries. This shall be in the form of structurally adequate retaining walls and/or sloping of fill at the natural angle of repose and/or another method as approved by the Town of East Fremantle.
12. Where this development requires that any facility or service within a street verge (street trees, footpath, crossover, light pole, drainage point or similar) is to be removed, modified or relocated then such works must be approved by Council and if approved, the total cost to be borne by the applicant. Council must act reasonably and not refuse any reasonable proposal for the removal, modification or relocation of such facilities or services (including, without limitation any works associated with the proposal) which are required by another statutory or public authority.
13. This planning approval to remain valid for a period of 24 months from date of this approval.

Footnote:

The following are not conditions but notes of advice to the applicant/owner:

- (i) *In respect to condition 4 if use of the garage for an ancillary dwelling, short stay or bed and breakfast accommodation is proposed then an application is required to be submitted for Council's consideration.*
- (ii) *This decision does not include acknowledgement or approval of any unauthorised development which may be on the site.*
- (iii) *A copy of the approved plans as stamped by Council are attached and the application for a Building Permit is to conform with the approved plans unless otherwise approved by Council.*
- (iv) *It is recommended that the applicant provides a Structural Engineer's dilapidation report, at the applicant's expense, specifying which structures on adjoining sites may be adversely affected by the works and providing a record of the existing condition of the structures. Two copies of each dilapidation report should be lodged with Council and one copy should be given to the owner of any affected property.*
- (v) *All noise levels produced by the construction of the development are to comply with the provisions of the Environmental Protection (Noise) Regulations 1997 (as amended).*
- (vi) *Matters relating to dividing fences are subject to the Dividing Fences Act 1961.*
- (vii) *Under the Environmental Protection (Noise) Regulations 1997, the noise from an air-conditioner must meet assigned allowable noise levels at all times. The Environmental Protection Act 1986 sets penalties for non-compliance with the Regulations and the installer of a noisy air-conditioner can face penalties of up to \$5,000 under Section 80 of the Act. Refer to Department of Environmental Protection document – "An Installers Guide to Air Conditioner Noise".*

(CARRIED 6:0)

Note:

As 4 Committee members voted in favour of the Reporting Officer's recommendation, pursuant to Council's decision regarding delegated decision making made on 16 June 2015 this application deemed determined, on behalf of Council, under delegated authority.

12. REPORTS OF OFFICERS (COUNCIL DECISION)

Nil.

13. CONFIDENTIAL BUSINESS

Nil.

14. NEW BUSINESS OF AN URGENT NATURE INTRODUCED BY DECISION OF THE MEETING – ELECTED MEMBERS, OFFICERS

Nil.

15. CLOSURE OF MEETING

There being no further business, the Presiding Member declared the meeting closed at 6:41 pm.

*I hereby certify that the Minutes of the ordinary meeting of the **Town Planning & Building Committee** of the Town of East Fremantle, held on **1 November 2016**, Minute Book reference **1. to 15** were confirmed at the meeting of the Committee on*

.....

Presiding Member



TOWN OF EAST FREMANTLE

MONTHLY FINANCIAL ACTIVITY STATEMENT

FOR THE PERIOD 1 JULY 2016 TO 31 OCTOBER 2016

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TOWN OF EAST FREMANTLE



FINANCIAL ACTIVITY STATEMENT

For the Period 1 July to 31 October 2016

<u>OPERATING</u>	NOTE	ORIGINAL BUDGET	YTD BUDGET	YTD ACTUALS	YTD Variance	Variance
			\$	\$	%	\$
REVENUE/SOURCES						
General Purpose Funding		7,728,600	7,470,723	7,523,311	101%	52,588
Governance		26,200	8,728	7,515	86%	(1,213)
Law, Order, Public Safety		29,600	13,280	15,535	117%	2,255
Health		12,400	10,128	10,321	102%	193
Education and Welfare		899,100	479,697	482,631	101%	2,934
Housing		87,000	29,000	29,542	102%	542
Community Amenities		331,000	273,992	270,157	99%	(3,835)
Recreation and Culture		430,600	235,892	182,383	77%	(53,509)
Transport		336,800	115,664	93,291	81%	(22,373)
Economic Services		136,800	45,588	39,061	86%	(6,527)
Other Property and Services		31,300	10,424	10,161	97%	(263)
TOTAL OPERATING REVENUE		10,049,400	8,693,116	8,663,908	100%	(29,208)
EXPENDITURE/APPLICATIONS						
General Purpose Funding		(111,700)	(37,228)	(28,403)	76%	8,826
Governance		(996,900)	(378,543)	(303,138)	80%	75,405
Law, Order, Public Safety		(106,600)	(43,568)	(42,065)	97%	1,503
Health		(187,600)	(64,747)	(76,893)	119%	(12,146)
Education and Welfare		(1,205,400)	(425,687)	(419,376)	99%	6,311
Housing		(35,500)	(13,896)	(13,185)	95%	711
Community Amenities		(2,708,000)	(931,012)	(849,755)	91%	81,257
Recreation and Culture		(2,468,000)	(833,699)	(821,703)	99%	11,996
Transport		(2,899,300)	(966,324)	(957,211)	99%	9,113
Economic Services		(110,000)	(36,403)	(23,203)	64%	13,200
Other Property and Services		(103,600)	(69,504)	(12,977)	19%	56,527
TOTAL OPERATING EXPENDITURE		(10,932,600)	(3,800,611)	(3,547,909)	93%	252,702
Adjustments for non-cash items						
Depreciation on Assets		2,522,800	840,920	881,357	105%	40,437
(Profit)/Loss on Asset Disposals		-	-	20,355		20,355
TOTAL NON-CASH ITEMS		2,522,800	840,920	901,712	107%	60,792
TOTAL OPERATING CASH POSITION		1,639,600	5,733,425	6,017,711	105%	284,286
CAPITAL REVENUE/EXPENSES						
Purchase Land & Buildings		(1,610,000)	(1,610,000)	(16,761)	1%	1,593,239
Purchase Infrastructure Assets		(1,971,100)	(1,971,100)	(117,680)	6%	1,853,420
Purchase Plant & Equipment		(348,000)	(348,000)	(177,922)	51%	170,078
Purchase Furniture & Equipment		(177,000)	(177,000)	(24,915)	14%	152,085
CAPITAL EXPENDITURE SUBTOTAL		(4,106,100)	(4,106,100)	(337,278)	8%	3,768,822
Proceeds from Disposal of Assets		111,000	111,000	52,429	-	58,571
Repayment of Debentures		-	-	-	-	-
Proceeds from New Debentures		500,000	-	-	-	-
Self-Supporting Loan Principal Income		-	-	-	-	-
Transfers to Restricted Assets		(1,782,500)	-	-	-	-
Transfers from Restricted Assets		3,435,100	-	-	-	-
Add: Net Current Assets 1 July 2015		202,900	202,900	202,900	-	-
Net Current Assets YTD		-	1,941,225	5,935,762	306%	3,994,537

Monthly Report October 2016**Notes to the Financial Activity Statement****October 2016****SUMMARY***Revised Budget Forecast*

The Financial Activity Statement for the period ended 31 October 2016 indicates a balanced budget to 30 June 2017. The following analysis compares year to date variations against the forecast.

Operating YTD Actuals

Operating Revenue 100%; is \$29,000 less than the YTD budget (Unfavourable).

Operating Expenditure 93%; is \$253,000 less than the YTD budget (Favourable).

After non-cash adjustments, the total operating cash position is \$284,000 more than the YTD budget (Favourable).

Capital Programs YTD Progress

Land & Buildings 1% expended

Infrastructure Assets 6% expended

Plant and Equipment 51% expended

Furniture and Equipment 14% expended

Capital Expenditure is \$3,769,000 less than the YTD budget (Favourable), which is the value of uncompleted works.

Materiality in Financial Reporting

Material programme income and expenditure variance thresholds of either the greatest of 10% or \$10,000 are explained below and variances are reported to the nearest \$'000:

OPERATING REVENUE & EXPENDITURE**REVENUE – UNFAVOURABLE \$29,000**

There is a YTD operating revenue unfavourable variance, which is due to a combination of the following items:

GENERAL PURPOSE FUNDING – FAVOURABLE \$53,000**Other General Purpose Funding**

The Grants Commission General Purpose Grant has a favourable year to date budget timing variance amounting to \$20,000 which will be monitored.

RECREATION & CULTURE – UNFAVOURABLE \$54,000**Swimming Areas & Beaches**

The Riverside Road Mooring Pen fees have an unfavourable year to date budget timing variance amounting to \$17,000 which will be offset during the year.

The Swan River Trust Erosion Control Grant has an unfavourable year to date budget timing variance amounting to \$60,000 which will be offset during the year.

Other Recreation & Sport

The East Fremantle Yacht Club rent has a favourable year to date budget timing variance amounting to \$14,000 which will be offset during the year.

Other Culture

The East Fremantle Festival has an unfavourable year to date budget timing variance amounting to \$12,000 which will be offset during the year.

TRANSPORT – UNFAVOURABLE \$22,000**Maintenance Streets, Roads & Bridges**

The Department of Main Roads Direct Grant has an unfavourable year to date budget timing variance amounting to \$13,000 which will be offset during the year.

Parking Facilities

The Launching Ramp Parking Fees account has an unfavourable year to date budget timing variance amounting to \$16,000 which is mainly attributable to seasonal factors and will be offset during the year.

EXPENDITURE – FAVOURABLE \$253,000

There is a favourable YTD operating expenditure variance which is due to a combination of the following items:

GOVERNANCE - FAVOURABLE \$75,000**Members of Council**

Mayor/Councillors Sitting Fees has an unfavourable year to date budget timing variance amounting to \$13,000 which will be offset during the year.

Election expenses has a favourable year to date budget timing variance amounting to \$11,000 which will be monitored.

Communications, Advocacy and Public Relations has a favourable year to date budget timing variance amounting to \$41,000 which will be offset during the year.

Sponsorship has a favourable year to date budget timing variance amounting to \$10,000 which will be offset during the year.

General Administration

There are favourable year to date budget timing variances for; Employee Costs \$61,000, Strategic and Business Planning Consultants \$40,000 and Legal/Administration Consultants \$15,000. These amounts will be offset during the year.

General Insurance has an unfavourable year to date budget timing variance amounting to \$12,000 which will be offset during the year.

HEALTH – UNFAVOURABLE \$12,000

There are no significant items of variance in this program.

COMMUNITY AMENITIES – FAVOURABLE \$81,000**Sanitation – Household Refuse**

There are favourable year to date budget timing variances for; Domestic and Commercial Recycling \$13,000, Domestic Refuse Collection \$18,000, SMRC Waste Composting Facility \$15,000, Annual Bulk and Green Waste \$28,000 and the SMRC Materials Recovery \$24,000 which is attributable to the October invoices received in the following month.

Town Planning & Regional Development

The Town Planning Scheme 3 completion has a favourable year to date budget timing variance amounting to \$17,000 as the project has not commenced.

Town Planning Salaries has an unfavourable year to date budget timing variance amounting to \$10,000 which will be offset during the year.

The Consultants account has an unfavourable year to date budget timing variance amounting to \$73,000 which is mainly due to the preparation of the Leeuwin Master Plan. This amount will be offset during the year.

RECREATION & CULTURE – FAVOURABLE \$12,000**Other Recreation & Sport**

East Fremantle Oval has an unfavourable year to date budget timing variance amounting to \$10,000 which will be offset during the year.

Preston Point Reserve has an unfavourable year to date budget timing variance amounting to \$13,000 which will be offset during the year.

Pump and Reticulation Overhaul has a favourable year to date budget timing variance amounting to \$12,000 as the project has not commenced.

ECONOMIC SERVICES – FAVOURABLE \$13,000

There are no significant items of variance in this program.

OTHER PROPERTY & SERVICES – FAVOURABLE \$57,000**Public Works Overheads**

Public Works Overheads expenditure is on budget in total pooled costs, whilst Recovery of Public Works Overheads is \$33,000 ahead of budget, based on labour hours.

Plant Operation Costs is on budget, whilst Recovery of Plant Operation costs is also on budget based on plant hour usage volumes.

CAPITAL EXPENDITURE

There are favourable YTD Capital Expenditure timing variances of \$3,769,000 given that the works program is 8% completed.

Land & Buildings

Town Hall Remedial Works – IT items have recently been purchased.

Restoration Works to the “Old Police Station” have commenced, including the painting of various walls, repairs to flooring, re-carpeting, installation of data cabling and wireless network points. The air-conditioning has also been installed and are awaiting to be invoiced.

HACC Plant & Equipment

The Medium Sedan, People Mover Van and the Toyota Hi-Ace Van have been replaced.

Plant & Equipment

The CEO’S vehicle has been ordered.

The EMFA vehicle has been ordered.

The Parks and Works Single Cab Utes have been ordered.

The EMRS vehicle has been replaced and are awaiting to be invoiced.

The Toro 360 Ride on Mower has been replaced.

The stolen Works Utility has been replaced, which was fully covered by Council’s insurer.

Furniture & Equipment

The Network Hardware renewal project has commenced with eleven desktops and monitors having been replaced and reconfigured, including the purchase of two external disc-drives, and two printers.

The “Old Police Station” project has commenced with the supply and installation of network hardware, Wi-Fi and wireless link.

The East Fremantle Tricolore Community projects have commenced with the supply and installation of wireless access and the installation of a firewall and UPS.

Infrastructure

A plaque for the Lanark Steel Artwork at the Plympton Steps has been purchased and installed.

The Jetty Treatment and Major Maintenance Program has been completed and are awaiting to be invoiced.

Preliminary design for the Swimming Areas - Foreshore Erosion Control has commenced.

The El Chapman Playground project has commenced with the purchase of 3 timber bench seats.

The IG Hancock Reserve Stage 2 project has commenced with the purchase of 3 timber bench seats. The sealing works of the carpark have also commenced.

Canning Highway Footpath Renewal (Angwin St. to 55m east of Preston Pt. Rd.) has been completed.

The Parking Machines for the East Fremantle Launching Ramp have been purchased.

The Bus Shelter upgrade to the disability standard has been finalised.

SCHEDULE OF INVESTMENTS

Surplus funds are held in interest bearing term deposits. The General Purpose interest year-to-date budget for the Municipal and Reserve funds is \$8,000 compared to the actual interest received which amounts to \$16,000. The timing of interest received on investments is dependent on the placement and maturity dates of term deposits. Rate revenue received will be placed on investment as surplus funds and spread forward over various months to satisfy ongoing cash flow requirements. Interest earnings are reflected as investments mature.

The graph displays the mix of investments and how funds compare with the limits of the Town's Investment policy placement (Maximum 100% with AA rated and maximum 80% with A rated institutions).

Prior to placing investments, preference is given to competitive quotations from financial institutions that are deemed not to invest in or finance the fossil fuel industry where;

- a) the investment is compliant with Council's investment policy with regards to risk management guidelines, and
- b) the investment rate of return is favourable to Council relative to other investment quotations that may be on offer within a competitive environment.

For this period, we have been re- investing and spreading funds on terms between one and six months. What we have noticed when currently sourcing competitive quotes is that non-fossil fuel institutions tend to be more competitive on longer placements but are not as competitive on the shorter terms. Subject to cash flow requirements, we will be seeking a range of longer investment terms as investments mature.

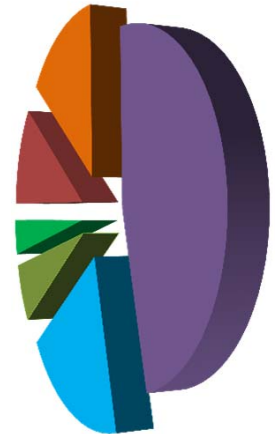
TOWN OF EAST FREMANTLE
INVESTMENTS

DETAILS OF INVESTMENTS HELD AS AT 31 OCTOBER 2016

FINANCIAL INSTITUTION	STANDARD & POOR'S RATING	REF. NO	RATE %	PERIOD	INVESTMENT DATE	MATURITY DATE	MUNICIPAL FUND	TRUST FUND	RESERVE FUND	HIGHEST % RATE QUOTED-NON FOSSIL FUEL BANKS	MATURED INVEST.	INTEREST 16/17	COMMENTS
BANKWEST	AA-	4507446	2.55	60	12-Sep-16	11-Nov-16	\$339,959.02		VARIOUS	RURAL BANK 2.10% - S&P (A-)		\$2,140.74	General a/c
BANKWEST	AA-	4510123	2.55	59	20-Sep-16	18-Nov-16	\$500,000.00			BENDIGO/ADELAIDE BANK 2.20% - S&P (A-)			General a/c
COMMONWEALTH BANK	AA-	169591	2.50	120	19-Oct-16	16-Feb-17	\$400,000.00			RURAL BANK 2.50% - S&P (A-)			General a/c
NATIONAL AUST. BANK	AA-	701376326	2.40	69	13-Sep-16	21-Nov-16	\$308,189.79			BENDIGO/ADELAIDE BANK 2.10% - S&P (A-)		\$1,815.30	General a/c
NATIONAL AUST. BANK	AA-	387960911	2.68	92	11-Oct-16	11-Jan-17	\$307,933.44			RURAL BANK 2.50% - S&P (A-)		\$2,241.17	General a/c
NATIONAL AUST. BANK	AA-	850050637	2.52	80	23-Sep-16	12-Dec-16	\$500,000.00			RURAL BANK 2.45% - S&P (A-)			General a/c
NATIONAL AUST. BANK	AA-	919668399	2.52	77	27-Sep-16	13-Dec-16	\$700,000.00			BENDIGO/ADELAIDE BANK 2.55% - S&P (A-)			General a/c
RURAL BANK	A-	2061210	2.65	110	28-Sep-16	16-Jan-17	\$300,000.00					\$424,311.46	General a/c
WESTPAC	AA-	36084397887									\$487.49		General a/c
WESTPAC	AA-	36084390978									\$297,041.85		General a/c
WESTPAC	AA-	36084391428	2.50	92	12-Oct-16	12-Jan-17	\$523,163.92			RURAL BANK 2.50% - S&P (A-)		\$3,568.02	General a/c
BENDIGO/ADELAIDE BANK	A-	2033641	2.75	183	29-Aug-16	28-Feb-17			\$500,000.00	SUNCORP 2.72% - S&P (A)		\$0.00	Various Reserves
NATIONAL AUST. BANK	AA-	978471123	2.98	173	16-Jun-16	06-Dec-16			\$637,580.39			\$0.00	Various Reserves
NATIONAL AUST. BANK	AA-	143289505	2.98	180	09-Jun-16	06-Dec-16			\$797,391.46			\$0.00	Various Reserves
NATIONAL AUST. BANK	AA-	948639191	2.88	180	09-Jun-16	06-Dec-16			\$425,722.74			\$0.00	Various Reserves
NATIONAL AUST. BANK	AA-	328136396	2.98	180	09-Jun-16	06-Dec-16			\$51,119.96			\$0.00	Various Reserves
WESTPAC	AA-	36084403345	2.75	184	24-Aug-16	24-Feb-17			\$500,000.00	SUNCORP 2.72% - S&P (A)		\$0.00	Various Reserves
WESTPAC	AA-	36032578805	2.75	182	19-Sep-16	20-Mar-17			\$540,024.00	BOQ 2.70% (A-)		\$0.00	Various Reserves
COMMONWEALTH BANK	AA-	169592	1.95	31	21-Oct-16	21-Nov-16	\$750,707.12			RURAL BANK 1.95% - S&P (A-)		\$2,906.37	Trust a/c
VARIOUS							\$3,679,246.17	\$750,707.12	\$3,451,836.55		\$721,353.31	\$21,191.02	Interest set off/Transfers

INSTITUTION	\$	%	RISK
ANZ BANK	\$0	0.00%	AA-
BANKWEST	\$839,959	10.39%	AA-
COMMONWEALTH BANK	\$1,150,707	14.24%	AA-
NATIONAL AUST. BANK	\$3,727,938	46.13%	AA-
WESTPAC	\$1,563,188	19.34%	AA-
BENDIGO/ADELAIDE BANK	\$500,000	6.19%	A-
RURAL BANK	\$300,000	3.71%	A-
SUNCORP			A
BANK OF QUEENSLAND	\$8,081,792	100.00%	A-

INSTITUTION

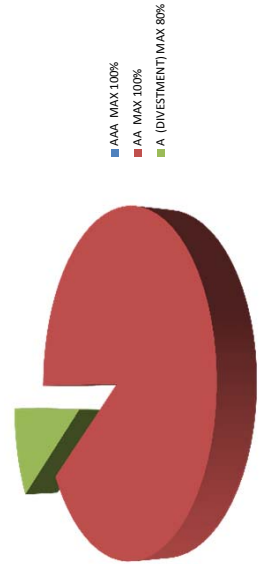


RISK RATING	PORTFOLIO	\$	%
AAA	MAX 100%	\$0	0.00%
AA	MAX 100%	\$7,281,792	90.10%
A (DIVESTMENT)	MAX 80%	\$800,000	9.90%
		\$8,081,792	100.00%

Interest Balances:
Account No: 103188 General \$16,110.89
1689 Reserves \$0.00
223 Trust \$5,080.13
\$21,191.02

General A/c Maturity Dates:
(1) 11-Nov-16 \$339,959.02
(1) 18-Nov-16 \$500,000.00
(1) 21-Nov-16 \$308,189.79
(1) 12-Dec-16 \$500,000.00
(1) 13-Dec-16 \$700,000.00
(1) 11-Jan-17 \$307,933.44
(1) 12-Jan-17 \$523,163.92
(1) 16-Jan-17 \$300,000.00
(1) 16-Feb-17 \$400,000.00
\$3,879,246.17

RISK RATING



Off	COA	Description	2016/17 Budget	2016/17 Actual	Progress %	Details
		Land & Buildings				
A70	E04604	Buildings - Town Hall Remedial Works	\$1,500,000	3,401	0%	Full internal redesign and refurbishment Bldg Reserve \$1,000K; Loan funding \$500K
A70	E04624	Buildings - "Old Police Station" Restoration Works	\$50,000	13,360	27%	Internal fitout and equipment in preparation for leasing. Reserve \$50K
A70	E11623	Buildings - EF Junior Football Clubroom - CapEx	\$60,000	-	0%	Main clubroom extension, Kitchen upgrade, Balcony extension. Total project est. \$160K; Council contribution \$60K. Reserve \$60K
		Land & Buildings Total	\$1,610,000	16,761	1%	
		HACC Plant & Equipment				
A20	E08602	People Mover Van - HACC - CapEx Plant Replacement	\$40,000	39,650	99%	Replacement P4052 Imax Shuttle 1DGT319 changeover \$26K + Auction \$14K. Prepaid Grant \$26K
A20	E08603	Medium Sedan - HACC - CapEx Plant Replacement	\$22,000	21,909	100%	Replacement P4051 Camry 1DHE420 changeover \$14K + Auction \$8K. Prepaid Grant \$14K
A20	E08608	New Toyota Hi-AceVan - HACC - CapEx Plant Replacement	\$48,000	47,363	99%	New Toyota Hiace 12 seater Bus \$48K. Prepaid Grant \$48K.
		HACC Plant & Equipment Total	\$110,000	108,922	99%	
		Plant & Equipment				
A20	E04601	Replacement Sedan - CEO	\$42,000	-	0%	Replacement P4068 Jetta 1DXD129 changeover \$30K + Auction \$12K
A20	E04614	Replacement EMFA Vehicle - CapEx Plant Replacement	\$29,000	-	0%	Replacement P4073 Toyota Camry Atara SX 1EDQ655 changeover \$14K + Auction \$15K
A20	E07602	Sedan-Senior Environ Officer - CapEx Plant Replacement	\$22,000	-	0%	Replacement P4067 Hyundai I30 1DWT443 changeover \$14K + Auction \$8K
A20	E10639	Replacement Planning Managers Vehicle - CapEx Plant Replacement	\$25,000	-	0%	Replacement P4076 Ford Kuga Ambiente 1EIT801 changeover \$12K + Action \$13K
A70	E11692	P&E Replacement Ride On Mower TORO 360	\$38,000	40,000	105%	Replacement P4059 TORO Groundmaster 360 1DS1116 changeover \$31K + Auction \$7K
A70	E11693	Single Cab Utility - Parks 1ECC560 - CapEx Plant Replacement	\$28,000	-	0%	Replacement P4071 Ford PX Ranger Single Cab Ute 1ECC560 changeover \$17K + Auction \$11K
A70	E12615	Replacement Works Utility Single Cab	\$0	29,000	0%	Replacement Vehicle for stolen utility 1GAN342 - Ins. Claim No: 2411456
A70	E12748	Replacement Works Single Cab Ute 1EIG565 - CapEx Plant Replacement	\$28,000	-	0%	Replacement P4074 Mitsubishi Triton GLX Single Cab Ute 1EIG565 changeover \$18K + Auction \$10K
A70	E12749	Replacement Single Cab Ute Works 1EKR899 - CapEx Plant Replacement	\$26,000	-	0%	Replacement P4077 Ford Falcon MKII Ute 1EKR899 changeover \$13K + Auction \$13K
		Plant & Equipment Total	\$238,000	69,000	29%	
		Furniture & Equipment				
A20	E04606	Network Hardware Renewal CapEx	\$171,000	24,915	15%	IT Strategy Stage 2 - \$110K Full Hardware replacement of servers, Storage, Networking, Battery Backup and instalation; \$16K Desktop hardware replacement program; \$24K IP Telephony; \$6K Corporate Ipad Comms; \$15K AV enhancements to Chamber
A20	E04613	Admin - Records Compactus Unit CapEx	\$6,000	-	0%	Lockable Records Compactus Unit
		Furniture & Equipment Total	\$177,000	24,915	14%	

REPORT 13.1.1		ATTACHMENT 1				
Off	COA	Description	2016/17 Budget	2016/17 Actual	Progress %	Details
Infrastructure Assets						
A70	E11685	Inf-Acquisition of Public Art (Outdoor Sculpture) - CapEx - Other Culture	\$48,200	2,950	6%	Acquisition & Instalation of Public Art, allowing 40% of purchase for installation. (Includes Direct Supervision)
Public Art Infrastructure Sub-Total			\$48,200	2,950	6%	
A70	E10605	Inf - Jetty Treatment and Major Maintenance Program - Infrastructure CapEx	\$31,800	-	0%	Mooring Pen Jetty major maintenance including forward
A70	E11687	Inf - Swimming Areas - Foreshore Erosion Control - CapEx	\$481,700	41,425	9%	Stage 1 Foreshore Management Plan (50% Grant DPW \$227,500 I11177) \$167500 paid in Adv 15/16
A70	E11699	Inf - Jerrat Drive Fence - CapEx	\$31,800	-	0%	Jerrat Dr fencing identified as a foreshore priority from Ecoscape inspection
Swan River Foreshore Infrastructure Sub-Total			\$545,300	41,425	8%	
A70	E11694	Inf - Future Recreation and Community Facilities Renewal Programs - CapEx	\$79,500	-	0%	Implementation of Park Development Program from
A70	E11695	Inf - E. I Chapman Playground - CapEx	\$127,100	9,167	7%	Complete establishment of new playground
A70	E11652	Inf-Glasson Park Perimeter Fence	\$19,100	-	0%	Perimeter fence replacement.
A70	E11696	Inf - Bicentennial Falls Retaining Walls - CapEx	\$10,600	-	0%	Reinstate/replace retaining walls
A70	E11697	Inf - I.G Handcock Reserve Stage 2 - CapEx	\$42,400	7,308	17%	Seal carpark and landscape northern end
A70	E11698	Inf - Ulrich Park Shade Sail - CapEx	\$37,100	-	0%	in keeping with drainage sump infrastructure
A70	E12761	Inf - Drainage - Realignment of Drainage - Merv Cowan Park - CapEx	\$31,800	-	0%	Realignment of drainage at Merv Cowan Park.
Parks Infrastructure Sub-Total			\$347,600	\$16,475	5%	
A70	E12741	Inf - Footpath Renewal - Allen St one side(Fletcher to Canning) CapEx	\$40,300	-	0%	Footpath Renewal - \$30K Allen St west side (Fletcher to Canning); Plus \$8K removal of concrete cycle path
A70	E12762	Inf. - Footpath Renewal - Bedford St. West Side (George St. to Canning Highway) CapEx	\$21,200	-	0%	Footpath Renewal - Bedford St west side (George to Canning)
A70	E12763	Inf. - Footpath Renewal - Bolton St. North Side CapEx	\$10,600	-	0%	Footpath Renewal - Bolton St North side
A70	E12764	Inf. - Footpath Renewal - Fletcher St. North Side (Allen St. to Irwin St.) CapEx	\$26,500	-	0%	Footpath Renewal - Fletcher St North side (Allen to Irwin)
A70	E12765	Inf. - Footpath Renewal - Alcestor St. North Side (Preston Pt. Rd. to Staton Rd.) CapEx	\$10,600	-	0%	Footpath Renewal - Alcestor St north side (Preston Pt to Staton)
A70	E12766	Inf. - Footpath Renewal - Wolsely Rd. North Side (Preston Pt. Rd. for 55m.) CapEx	\$5,300	-	0%	Footpath Renewal - Wolsely St north side (Preston Pt for 55m)
A70	E12767	Inf. - Footpath Renewal - Canning Highway (Angwin St. to 55m east of Preston Pt. Rd.) CapEx	\$53,000	25,329	48%	(Angwin to 55m east of Preston Pt Rd)
A70	E12768	Inf. - Footpath Renewal - Walter St. West Side (Canning Highway to Fraser St.) CapEx	\$31,800	-	0%	Footpath Renewal - Walter St west side (Canning to Fraser)
A70	E12769	Inf. - Footpath Renewal - King St. Both Sides (George St. to St. Peter Rd.) CapEx	\$105,900	-	0%	Footpath Renewal - King St both sides (George to Peters)
Footpath Infrastructure Sub-Total			\$305,200	\$25,329	8%	
A70	E12714	Inf - Roads - Consultant to Design Upgrade of Riverside Rd CapEx	\$53,000	-	0%	pavement. \$50K c/over reserve funding from 15/16
A70	E12743	Inf - Roads - Reconst Pavement and Asphalt overlay Habgood St CapEx	\$105,900	-	0%	Habgood St reconstruction \$100K c/over reserve funding from 15/16
A70	E12747	Inf - Roads - Parking Machines - Parks CapEx	\$21,200	16,800	79%	Registration specific paid parking machines to increase annualised revenue by \$25K - \$30K through prevention of ticket swapping
A70	E12750	Inf - Roads - Reconstruct Pavement and Ashphalt Overlay Chauncy St. CapEx	\$116,500	-	0%	Chauncy St Reconstruction
A70	E12751	Inf - Roads - Road Resurfacing - Angwin St. Asphalt 30mm. CapEx	\$37,100	-	0%	Road resurface 30mm asphalt - Angwin
A70	E12752	Inf - Roads - Road Resurfacing - Bolton St. Asphalt 30mm. CapEx	\$21,200	-	0%	Road resurface 30mm asphalt - Bolton
A70	E12753	Inf - Roads - Road Resurfacing - Coolgardie St. Asphalt 30mm. CapEx	\$53,000	-	0%	Road resurface 30mm asphalt - Coolgardie
A70	E12754	Inf - Roads - Road Resurfacing - Pier St. (Easton St. to Clayton St.) Asphalt 30mm. CapEx	\$68,900	-	0%	Road resurface 30mm asphalt - Pier St (Easton to Clayton)
A70	E12755	Inf - Roads - Road Resurfacing - Fletcher St.(Dalgety St to Petra St.) Asphalt 30mm. CapEx	\$68,900	-	0%	Road resurface 30mm asphalt - Fletcher St (Dalgety to Petra)
A70	E12756	Inf - Roads - Road Resurfacing - Oakover St.(Canning H'way to Fletcher) Asphalt 30mm. CapEx	\$74,200	-	0%	Road resurface 30mm asphalt - Oakover (Canning to Fletcher)
A70	E12757	Inf - Roads - Road Resurfacing - Hillside Rd. Asphalt 30mm. CapEx	\$15,900	-	0%	Road resurface 30mm asphalt - Hillside
A70	E12758	Inf - Roads - Road Resurfacing - Surbiton/Reynolds Roads Asphalt 30mm. CapEx	\$21,200	-	0%	Road resurface 30mm asphalt - Surbiton/Reynolds
A70	E12759	Inf - Bowling Club Carpark Resurface CapEx	\$26,500	-	0%	Carpark resurface - Bowling Club
A70	E12760	Inf - Road Resurfacing - Wauhop Road - CapEx	\$26,500	-	0%	Road resurface 30mm asphalt - Wauhop
A70	E12719	Inf - Bus Shelters - Upgrade to Disability Standard	\$14,800	14,701	99%	Road resurface 30mm asphalt - Wauhop
Road Infrastructure Sub-Total			\$724,800	\$31,501	4%	
Infrastructure Assets Total			\$1,971,100	\$117,680	6%	
Total All Capital Works			\$4,106,100	\$337,278	8%	

31-October-2016	Levied	GST	Receipts	Balance
Rates - Current	7,356,738.86	0.00	4,497,831.66	2,858,907.20
Rates - Arrears	144,283.81	0.00	33,180.21	111,103.60
Interest	26,388.29		5,695.59	20,692.70
Legal Costs - Current	6,972.91	0.00	1,717.13	5,255.78
Excess Receipts	0.00	0.00	12,400.82	-12,400.82
Back Rates 13/14	9.14		0.00	9.14
Back Rates 15/16	86.28		86.28	0.00
Additional Recycling Bin	2,214.00	0.00	1,476.00	738.00
Additional Refuse Bin	8,610.00		7,643.35	966.65
Additional Refuse - Arrears	972.80	0.00	646.30	326.50
ESL Penalty Current	1,363.18	0.00	209.13	1,154.05
ESL Penalty Arrears	1,548.65	0.00	520.31	1,028.34
Instalment Admin Fee Current	37,485.00		37,485.00	0.00
Instalment Interest Current	38,079.63	0.00	38,079.63	0.00
Refuse & Recycling Service	86,457.70		81,295.10	5,162.60
Refuse & Recycling Service	80.57	0.00	80.57	0.00
Swimming Pool	7,817.91		7,099.80	718.11
Swimming Pool - Arrears	50.36		35.96	14.40
Emergency Services Levy - Current	1,184,581.98	0.00	752,852.10	431,729.88
Emergency Services Levy - Arrears	13,662.67	0.00	1,910.99	11,751.68
3288 Properties	8,917,403.74	0.00	5,480,245.93	3,437,157.81
Less Deferred Rates - GL Account 10001070				-64,058.96
Less Deferred ESL - GL Account 10001070				-6,814.41
BALANCE OF COLLECTIBLE RATES AS AT 31 OCTOBER 201€				3,366,284.44
TOTAL GRV VALUATIONS AS AT 31 OCTOBER 201€			107613369	
TOTAL % OF COLLECTIBLE OUTSTANDING RATES AS AT 31 OCTOBER 201€			37.75	

GL Balances

RATES CONTROL ACCOUNT	10001060	2,937,813.56
ESL CONTROL ACCOUNT	10001110	440,871.70
EXCESS RATES	10001240	-12,400.82
DEFERRED RATES	10001070	70,873.37
GL TOTAL		3,437,157.81
LESS RATES TRIAL BALANCE		3,437,157.81
VARIANCE		0.00

MONTHLY ADVICE OF DEBTS WRITTEN OFF

PARKING INFRINGEMENTS WRITTEN OFF FOR THE MONTH OF OCTOBER 2016

- Current Infringements deemed uncollectable	\$1,548.75
- Interstate/overseas Infringements deemed uncollectable	\$138.20
	\$1,686.95

NOTES TO AND FORMING PART OF THE STATEMENT OF FINANCIAL ACTIVITY

For the Period 1 July to 31 October 2016

NET CURRENT ASSETS

Composition of Estimated Net Current Asset Position	YTD Actual \$	2016/17 Budget \$
Cash - Unrestricted	4,130,738	604,300
Cash - Restricted Reserves	3,452,085	1,724,000
Receivables	3,477,053	295,700
	11,059,876	2,624,000
LESS: CURRENT LIABILITIES		
Payables and Provisions	1,672,029	(900,000)
NET CURRENT ASSET POSITION	9,387,847	1,724,000
Less: Cash - Restricted	(3,452,085)	(1,724,000)
ESTIMATED SURPLUS/(DEFICIENCY) C/FWD	5,935,762	0
Restricted Cash Breakup		
Plant Replacement Reserve	254,369	169,300
Staff Leave Reserve	361,176	387,000
Office Reserve	143,967	19,900
Legal Costs Reserve	135,038	135,000
HACC Reserve	205,700	205,700
Strategic Plan Reserve	1,003,383	523,000
Civic Buildings Reserve	899,657	93,600
Unspent Grants	353,781	98,200
Arts & Sculpture Reserve	95,014	92,300
	3,452,085	1,724,000

TOWN OF EAST FREMANTLE					
List of Accounts paid by the Chief Executive for October 2016 and submitted for the information of the Council Meeting to be held on 15 November 2016					
Cheque	Payment Date	Supplier	Description	Inv Amount	Cheque
				\$	\$
CHEQUES					
5028	07/10/2016	OPTUS	MOBILE PHONE USE 21/08/16 - 20/09/16	1,610.37	1,610.37
5029	07/10/2016	TOEF	ADMIN PETTY CASH RECOUP 28/09/16	208.00	208.00
5030	19/10/2016	WATER CORPORATION	WATER USE- 30/07/16 - 03/10/16 - RESPITE CENTRE, WATER SERVICE CHARGES - 01/09/16 - 31/10/16, COMMUNITY PURPOSE DISCOUNT	325.86	
			WATER USE 30/07/16 - 30/09/16 - SUMPTON GREEN, WATER , SEWERAGE & FIRE SERVICE CHARGES 01/09/16 - 31/10/16, COMMUNITY PURPOSE DISCOUNTS	290.14	
			WATER USE 02/08/16 - 03/10/16,- JP MCKENZIE CENTRE, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS	399.88	
			WATER USE 03/08/16 - 03/10/16 - INFANT HEALTH CENTRE, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	2.19	
			WATER USE 03/08/16 - 03/10/16 - TOWN HALL, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 COMMUNITY PURPOSE DISCOUNTS	704.82	
			WATER USE 03/08/16 - 03/10/16 - OLD POLICE STATION, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS,	84.00	
			WATER USE 03/08/16 - 03/10/16 - 128 GEORGE STREET, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16	200.78	
			WATER USE 30/07/16 - 30/09/16 - EF FOOTBALL CLUB - CLUB ROOMS ONLY, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16- COMMUNITY PURPOSE DISCOUNTS	1,019.30	
			WATER USE 30/07/16 - 30/09/16 - 69 ALLEN STREET EAST FREMANTLE, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16	393.89	
			WATER USE 30/07/16 - 30/09/16 - 67 ALLEN STREET EAST FREMANTLE, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16	160.30	
			WATER USE 30/07/16 - 30/09/16 - 65 ALLEN STREET EAST FREMANTLE, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16	169.82	
			WATER USE 30/07/16 - 30/09/16 - 63 ALLEN STREET EAST FREMANTLE, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16	160.85	
			WATER USE 30/07/16 - 30/09/16 - 61 ALLEN STREET EAST FREMANTLE, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16	175.12	
			WATER SERVICE CHARGES 30/07/16 - 03/10/16 - 1ST FREMANTLE SEA SCOUTS, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	19.68	
			WATER USE 02/08/16 - 03/10/16 - GLYDE-IN, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS	79.18	
			WATER USE -30/07/16 - 30/09/16 - CROQUET CLUB, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS	160.99	
			WATER USE 03/08/16 - 03/10/16 - DRINKING TAP @ RIVERSIDE ROAD, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	2.19	
			WATER USE 02/08/16 - 03/10/16 - GLASSON PARK, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS	2.19	
			WATER USE 30/07/16 - 30/09/16 - LEE PARK, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS	2.19	
			WATER USE - 30/07/16 - 30/09/16 - EAST FREMANTLE OVAL, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS	1,242.25	
			WATER USE 30/07/16 - 30/09/16 - DRINKING TAP RESERVE 24703 - ALLEN STREET, WATER SERVICE CHARGES 01/09/16 - 31/10/16- COMMUNITY PURPOSE DISCOUNT	4.37	
			WATER USE 30/07/16 - 30/09/16 - RACEWAY PARK, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	21.87	
			WATER USE 03/08/16 - 05/10/16 - MOORING PENS / JETTIES, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	26.24	
			WATER USE 30/07/06 - 03/10/16 - WAUHOP PARK RESERVE, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE	28.43	
			WATER USE 30/07/16 - 03/10/16 - HENRY JEFFREY CHANGE ROOMS, WATER & SEWERAGE SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNTS	1,101.07	
			WATER USE 02/08/16 - 03/10/16 - DRINKING TAP @ STRATFORD ST PARK, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	2.19	
			WATER USE 30/07/16 - 04/10/16 - EAST FREMANTLE TENNIS CLUB, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	61.24	
			WATER USE 30/09/16 - 05/10/16 - WAUHOP PARK, WATER SERVICE CHARGES 01/09/16 - 31/10/16 - COMMUNITY PURPOSE DISCOUNT	4.37	6,845.40
5031	19/10/2016	CR. TONY WATKINS	16/17 SITTING FEES & ICT ALLOWANCE FOR OCTOBER 2016	1,541.67	1,541.67
5032	19/10/2016	PROPERTY GALLERY	REFUND OF ARCHIVE SEARCH FEES - 1 PRESTON POINT ROAD - NO PLANS AVAILABLE	50.00	50.00

			CHEQUE TOTAL	\$ 10,255.44	\$ 10,255.44
EFTs		Supplier	Description	Inv Amount	EFT
EFT23135	04/10/2016	PA & EH KIRKPATRICK	RATES REFUND FOR A46220 14 TINGIRA CIRCLE	8,780.16	8,780.16
EFT23136	07/10/2016	ATO	GST PAYABLE SEPTEMBER 2016	10,789.00	10,789.00
EFT23137	07/10/2016	AUSTRALIAN SERVICES UNION	PAYROLL DEDUCTIONS SEPTEMBER 16	52.70	52.70
EFT23138	07/10/2016	EF YACHT CLUB (INC)	PETRA STREET BOAT RAMP REPAIR/UPGRADE	1,941.39	1,941.39
EFT23139	07/10/2016	JASON SIGNMAKERS	SUPPLY 1 X 600MM DIAMETER POLISHED STAINLESS STEEL STREET MIRROR WITH BRACKET	429.00	429.00
EFT23140	07/10/2016	SUEZ ENVIRONMENT	1 MONTH WASTE SERVICE SEPTEMBER 30/09/16 46 EAST STREET	2,194.32	2,194.32
EFT23141	07/10/2016	TELSTRA	CEO MOBILE PHONE COSTS 16/7/16 - 15/8/16 + 16/8/16 - 15/9/16	150.86	
			RESPIRE CENTRE PHONES	48.38	199.24
EFT23142	07/10/2016	SYNERGY	POWER SUPPLY - TOWN HALL - 16/08/16 - 19/09/16	2,289.95	2,289.95
EFT23143	07/10/2016	STEANN PTY LTD	BULK GREEN WASTE COLLECTION SEP 16 - 19/09/16 - 23/09/16	18,363.91	18,363.91
EFT23144	07/10/2016	KOOL LINE ELECTRICAL & REFRIGERATION	CHECK ELECTRICAL FAULT IN GROUND FLOOR KITCHEN - TOWN HALL 22/09/16	200.00	200.00
EFT23145	07/10/2016	SMRC	MSW GATE FEES FOR SEPTEMBER 2016 - 01/09/16 - 18/09/16	32,680.38	32,680.38
EFT23146	07/10/2016	LOCAL GOVERNMENT MANAGERS AUSTRALIA WA	LGMA INDUCTION TO LOCAL GOVERNMENT - CHARLIE GEORGE 23/9/16	270.00	270.00
EFT23147	07/10/2016	KENNARDS HIRE	HIRE OF 8M EXTENSION LADDER - 21/09/16	44.00	44.00
EFT23148	07/10/2016	LIME FLOWERS	FLOWER DELIVERY FOR GLYNIS ARMSTRONG	100.00	100.00
EFT23149	07/10/2016	SATELLITE SECURITY SERVICES	122 DAYS GPRS MONITORING - ALLEN STREET - DEPOT	188.23	
			GUARD CALL OUT - LATE TO CLOSE - TOWN HALL - 15/09/16	118.50	306.73
EFT23150	07/10/2016	PETRACLEAN	CLEANING OF TOWN HALL, DEPOT, DOVENBY HOUSE, SUMPTON GREEN, TRICOLORE DAY CENTRE FOR THE MONTH OF SEPTEMBER	5,738.12	5,738.12
EFT23151	07/10/2016	FAST FINISHING SERVICES	BINDING OF 7 MINUTE BOOKS	431.30	431.30
EFT23152	07/10/2016	WOOLWORTHS	WEEKLY SHOPPING FOR RESPIRE CENTRE 27/09/16	207.87	
			WEEKLY SHOPPING FOR RESPIRE CENTRE 19/09/16	242.88	450.75
EFT23153	07/10/2016	ATHOLL'S AUTO ELECTRICS	SUPPLY AND FIT ELECTRIC BRAKE UNIT AND BEACON LIGHT TO FORD RANGER 1GCP 322 - 15/09/16	1,236.40	1,236.40
EFT23154	07/10/2016	TRADEWINDS HOTEL	DINNER 13/09/2016 AT TRADEWINDS HOTEL FOR COUNCILLORS	137.00	
			EQUIPMENT HIRE & REFRESHMENTS FOR LEEUWIN VISION FORUM 12/09/16 - 15/09/16	2,695.00	2,832.00
EFT23155	07/10/2016	HYDRO JET	REMOVAL OF GRAFFITI ON SILAS STREET RETAINING WALL	924.00	924.00
EFT23156	07/10/2016	DATA # 3 LIMITED	(4) HP PRODESK 600 G2 DM I5-6500T DESKTOP MINIS + (4) HP ELITEDISPLAY E232 LED SCREEN AS PER QUOTE 2016-269036	4,767.48	
			HP LJ PRO M201N NETWORK PRINTER WITH TONER	297.25	5,064.73
EFT23157	07/10/2016	KONICA MINOLTA BUSINESS SOLUTIONS	TECHNICAL CONSUMABLE REPLACEMENT - 1.670 HOUR, TECHNICAL CONSUMABLE REPLACEMENT RETURN .750 HOUR, DEVELOPER DV612K BLACK, DRUM DR612K, FUSING UNIT	2,760.52	
			DEPOT BIZHUB C224E COPY CHARGES 13/03/16 - 12/03/17	17.25	2,777.77
EFT23158	07/10/2016	CARINYA OF BICTON	RESPIRE CENTRE MEALS 13/08/16 - 31/08/16	616.00	
			RESPIRE CENTRE MEALS 01/08/16 - 12/08/16	422.40	1,038.40
EFT23159	07/10/2016	MP ROGERS & ASSOCIATES	JOHN TONKIN PARK HEADLANDS INCL. PRELIMINARY DESIGN , APPROVALS, DETAILED DESIGN & DOCUMENTATION AND TENDER PHASE SERVICES	16,197.50	16,197.50
EFT23160	07/10/2016	T-QUIP	SUPPLY 1 TORO GROUNDMASTER 360 RIDE ON MOWER AS PER QUOTE - S/N: 316000164, LESS TRADE IN FOR TORO GROUNDMASTER 360 1DSI 116 - S/N: 30539311000412	27,500.00	27,500.00
EFT23161	07/10/2016	OFFICEWORKS	STATIONERY ITEMS FOR LEEUWIN FORUM SEPTEMBER 2016	183.61	183.61
EFT23162	07/10/2016	WESTERN AUSTRALIA POLICE	NATIONAL POLICE CLEARANCE FOR TAMARA PARATORE (HACC)	14.90	14.90
EFT23163	07/10/2016	DOCU-SHRED	2 x 240 LITRE DESTRUCTION BIN EXCHANGE - RECORDS PROJECT 22/09/16	110.00	110.00
EFT23164	07/10/2016	LENIP PTY LTD T/AS ASPHALT IN A BAG	50 X 20KG BAGS OF ASPHALT FOR POTHOLE REPAIRS 21/09/16	1,790.25	1,790.25
EFT23165	07/10/2016	LOCAL GOVERNMENT PLANNERS ASSOCIATION	NON-MEMBER TICKET FOR PERCEPTION AND RECEPTION TO PLANNING DECISIONS TRAINING ON 13/10/16 AT 7AM FOR CHRISTINE CATCHPOLE	70.00	70.00
EFT23166	07/10/2016	TABORDA CONTRACTING	TMP - 618 CANNING HWY & MAIN ROADS PERMIT APPROVAL - 22/09/16	1,034.00	1,034.00
EFT23167	07/10/2016	DVG MELVILLE VOLKSWAGEN	15,000km STANDARD SERVICE VOLKSWAGEN 1EWA247	484.00	484.00
EFT23168	07/10/2016	THE WORKWEAR GROUP	LG CORPORATE WARDROBE	67.16	67.16
EFT23169	07/10/2016	THE INFORMATION MANAGEMENT GROUP	OFFSITE TAPE STORAGE ARCHIVE - 01/09/2016 - 330/09/2016	147.58	147.58
EFT23170	07/10/2016	CUT SNAKE COMEDY	COMEDY NIGHTS AT THE EAST FREMANTLE BOWLING CLUB 9 SEPTEMBER 2016	2,000.00	2,000.00
EFT23171	07/10/2016	ANDERSON MUNRO & WYLLIE	2016 RTR AUDIT 26/09/16 + BACK AUDIT FOR 2010, 2011, 2012, 2013 AT REQUEST OF DOIRD FOR RESET OF REFERENCE AMOUNT.	3,234.00	3,234.00
EFT23172	07/10/2016	AUSTRALIAN PLANT WHOLESALERS	60 X CONOSTYLIS CANDICANS, 40 X THRYPTOMENE 60 X ANIGOZANTHOS - PLANTS FOR STREETSCAPES	704.00	704.00
EFT23173	07/10/2016	TALIS CONSULTANTS	30 JUNE 2016 ASSET VALUATION AND EXCEL OUTPUT. 15 YEAR OPTIMISED FORWARD WORKS PROGRAM FOR ROADS AND PATHS ASSET SURVEY OF ROADS AND FOOTPATHS AROUND THE TOWN - 29/04/16	11,192.50	20,872.50
EFT23174	07/10/2016	EXTERIA STREET & PARK OUTFITTERS	SUPPLY 3 TIMBERED BENCH SEATS EACH FOR IG HANDCOCK RESERVE & EI CHAPMAN PLAYGROUND	4,547.40	4,547.40
EFT23175	07/10/2016	DEJA BRU	CATERING FOR COMMUNITY DESIGN ADVISORY COMMITTEE 19/09/16	87.80	87.80
EFT23176	07/10/2016	JOHN HUGHES D/L 6061	15,000KM SERVICE OF RANGERS VEHICLE - 1EWW584 FORD RANGER	398.00	398.00
EFT23177	07/10/2016	REPCO	VEHICLE MAINTENANCE PARTS - CABLE BOOSTER, CROWN, DEEP DISH - 20/09/16	232.95	
			BATTERY FOR WORKS TRAILER 1TMP 382	239.80	472.75

EFT23178	07/10/2016	CJ PLANNING PTY LTD T/AS PLANNING CONTEXT	ATTENDANCE AT MEETINGS AND FORUM FOR LEEUWIN VISION PLAN ON BEHALF OF TOEF - 21/09/16	4,114.00	4,114.00
EFT23179	07/10/2016	PAGE PERSONNEL	PERMANENT ARCHIVE & OFFSITE STORAGE PROJECT - TEMP RECORDS OFFICER - W/E - 25/09/16	1,157.71	1,157.71
EFT23180	07/10/2016	ALLMARK & ASSOCIATES	SUPPLY OF PLAQUE FOR LANARK STEEL ARTWORK AT PLYMPTON STEPS - 15/09/16	275.00	275.00
EFT23181	07/10/2016	HUBBLES YARD	CATERING FOR COUNCIL MEETING 20/09/16	330.00	330.00
EFT23182	07/10/2016	JACOBS GROUP (AUSTRALIA)	LEEUWIN BARRACKS MASTER PLAN TRANSPORT ASSESSMENT - CLAIM #3 TO 23/09/16	7,537.20	7,537.20
EFT23183	07/10/2016	TPG - THE PLANNING GROUP	LEEUWIN BARRACKS MASTER PLAN - CONSULTANCY AGREEMENT - PHASE 1 & 2 31/08/16	36,800.50	36,800.50
EFT23184	07/10/2016	CALTEX	FUEL USE - 01/09/16 - 30/09/16	3,579.96	3,579.96
EFT23185	13/10/2016	MB & BL MORRISSY	FOOTPATH DEPOSIT REFUND 49 WOODHOUSE ROAD	2,500.00	2,500.00
EFT23186	13/10/2016	G & S MACCHIUSI	DEMO FOOTPATH DEPOSIT REFUND 66 FRASER STREET	2,000.00	2,000.00
EFT23187	13/10/2016	TIMOTHY GRAY	FOOTPATH DEPOSIT REFUND 34 LOCKE CRESCENT	1,500.00	1,500.00
EFT23188	19/10/2016	AUSTRALIA POST	POSTAGE COSTS - SEPTEMBER 16	1,238.51	1,238.51
EFT23189	19/10/2016	CONSTRUCTION TRAINING FUND	CONSTRUCTION TRAINING FUND COLLECTED SEPTEMBER 16	1,207.92	1,207.92
EFT23190	19/10/2016	BUNNINGS	VARIOUS HARDWARE FOR PAINTING, VARIOUS HARDWARE DEPOT MAINTENANCE.	663.41	
			STORAGE SHELVING FOR RESPITE CENTRE	277.40	
			DOOR STOPS AND HARDWARE FOR RESPITE CENTRE	12.28	953.09
EFT23191	19/10/2016	CITY OF COCKBURN	LEGAL ADVICE - SMRC RESTRUCTURING	338.80	
			RATEPAYER RUBBISH COLLECTION SEPTEMBER 16 - 61 DOCKETS	3,355.00	3,693.80
EFT23192	19/10/2016	EF YACHT CLUB	DEPOSIT - BOOKING FOR STAFF PARTY 16 DECEMBER 2016	200.00	200.00
EFT23193	19/10/2016	FREMANTLE HERALD	ADVERTISING - INTENTION TO MAKE LOCAL LAW ON MEETING PROCEDURES 08/10/16	207.10	207.10
EFT23194	19/10/2016	GLYDE IN	SECOND QUARTER 2016/2017 ANNUAL GRANT	23,100.00	23,100.00
EFT23195	19/10/2016	GCS SERVICES PTY LTD	SERVICE OF THE AUTO URN - OFFICE DOWNSTAIRS KITCHEN	427.35	427.35
EFT23196	19/10/2016	INSTANT WINDSCREENS	REPLACEMENT WINDSCREEN FOR TRUCK 1EDM 976	605.00	605.00
EFT23197	19/10/2016	IT VISION	TRAINING - CUSTOMER SERVICE MODULE	1,953.60	1,953.60
EFT23198	19/10/2016	MCLEODS	PROFESSIONAL FEES - MATTER NO: 39964, 2 RIVERSIDE ROAD - OCCUPANCY PERMIT APPLICATION	6,475.74	6,475.74
EFT23199	19/10/2016	MAYOR JIM O'NEILL	16/17 SITTING FEES, ICT ALLOWANCE & MAYORAL ALLOWANCE FOR OCTOBER 16	3,633.34	3,633.34
EFT23200	19/10/2016	STATE LAW PUBLISHER	GOVERNMENT GAZETTE ADVERTISING - GAZETAL OF TOWN PLANNING SCHEME NO.3 AMENDMENT NO. 10	760.08	760.08
EFT23201	19/10/2016	O'CONNOR LAWNMOWER & CHAINSAW CENTRE	BLADES FOR HACC LAWNMOWER.	43.20	43.20
EFT23202	19/10/2016	TELSTRA	TOWN HALL PHONES	1,277.85	
			HACC MOBILE PHONE 0400046402	12.35	1,290.20
EFT23203	19/10/2016	TITAN FORD	SUPPLY AND INSTALL WIRING HARNESS TO FORD RANGER 1ECC560	767.90	767.90
EFT23204	19/10/2016	WORK CLOBBER	DEPOT STAFF VARIOUS UNIFORM ITEMS	998.01	998.01
EFT23205	19/10/2016	SYNERGY	POWER USE STREET LIGHTS 25/08/16 - 24/09/16	9,523.90	9,523.90
EFT23206	19/10/2016	LGIS WA	2016/2017 WORKERS COMP INSURANCE RENEWAL - SECOND INSTALMENT	34,436.60	
			2016/2017 LGIS PUBLIC LIABILITY INSURANCE RENEWAL - SECOND INSTALMENT	43,117.53	
			2016/2017 PROPERTY INSURANCE RENEWAL - SECOND INSTALMENT	31,646.41	109,200.54
EFT23207	19/10/2016	FASTA COURIERS	COURIER COSTS SEPTEMBER 15/09/16 - 30/09/16	29.19	
			COURIER COSTS OCTOBER 16 01/10/16 - 15/10/16	49.99	79.18
EFT23208	19/10/2016	ALSCO PTY LTD	SANITARY SERVICES TOWN HALL & DEPOT	36.44	
			SANITARY SERVICES ZEPHYRS.	7.26	43.70
EFT23209	19/10/2016	KOOL LINE ELECTRICAL & REFRIGERATION	REPAIR POWER OUTLETS IN THE LUNCHROOM OF THE DEPOT 07/09/16	315.00	
			CHECK POWER FAILURE AT MIDWIFE CENTRE 19/08/16 & 25/08/16	535.00	
			REWIRE FRONT TWO ROOMS AND SUPPLY & INSTALL 6 X NEW TWIN FLURO LIGHTS. FIX POWER OUTLET AT THE BACK - OLD POLICE STATION 14 & 19/09/16	1,165.00	2,015.00
EFT23210	19/10/2016	SOUTHERN METROPOLITAN REGIONAL COUNCIL	GREEN WASTE GATE FEES FOR SEPTEMBER 16 - 01/09/16 - 30/09/19	90.00	
			MRF GATE FEES FOR SEPTEMBER 16 - MIXED RECYCLABLES 01/09/16 - 30/09/16 - MRF MEMBERS DISCOUNT	5,918.11	
			GREEN WASTE GATE FEES FOR SEPTEMBER 2016 - 01/09/16 - 30/09/16	4,818.80	
			MSW GATE FEES FOR SEPTEMBER 16 - 19/09/16 - 30/09/16	26,231.62	37,058.53
EFT23211	19/10/2016	BUILDING COMMISSION	BUILDING SERVICES LEVY COLLECTED SEPTEMBER 16	2,316.37	2,316.37
EFT23212	19/10/2016	HAVILAH LEGAL	PROFESSIONAL FEES & DISBURSEMENTS - TOEF V CULBERTSON - A31480.	395.50	395.50
EFT23213	19/10/2016	DEPARTMENT OF FIRE AND EMERGENCY SERVICES	2016/17 ESL IN ACCORDANCE WITH FIRE & EMERGENCY SERVICES ACT 1998 PART 6A - EMERGENCY SERVICES LEVY - SECTION 36L & 36M - ESL ON TOEF OWNED PROPERTIES	11,557.34	11,557.34
EFT23214	19/10/2016	LIME FLOWERS	FLOWERS - CHRISTINE CATCHPOLE 07/10/16	100.00	100.00
EFT23215	19/10/2016	WESTNET PTY LTD	INTERNET ACCESS EASTFREONWS@WESTNET.COM.AU 01/11/16 - 01/12/16	54.95	54.95
EFT23216	19/10/2016	W.A. BLUEMETAL	16.60 TONNES OF ROAD BASE	456.50	456.50
EFT23217	19/10/2016	RENOWN TYRE COMPANY	NEW LEFT FRONT TYRE FOR HACC BUS 1DTB 605.	335.00	335.00
EFT23218	19/10/2016	OWENS TREE SERVICE	REMOVE DEAD TREE AT 131 PETRA STREET & CORNER OF MAY ST AND GEORGE ST	1,100.00	
			TREE REMOVAL 29A CLAYTON ST, 12 STRATFORD STREET, CALL OUT TO FALLEN BRANCH	2,255.00	3,355.00
EFT23219	19/10/2016	CR. JENNY HARRINGTON	16/17 SITTING FEES & ICT ALLOWANCE FOR OCTOBER 2016	1,541.67	1,541.67
EFT23220	19/10/2016	WOOLWORTHS SUPERMARKETS	WEEKLY SHOPPING FOR RESPITE CENTRE 04/10/16	249.15	
			WEEKLY SHOPPING FOR RESPITE CENTRE 10/10/16	236.71	485.86
EFT23221	19/10/2016	ENVIROLAB SERVICES WA PTY LTD (MPL LABORATORIES)	TESTING OF SAMPLE OF TOWN HALL CARPET UNDERLAY FOR POSSIBLE ASBESTOS	110.00	110.00
EFT23222	19/10/2016	CR. CLIFF COLLINSON	16/17 SITTING FEES & ICT ALLOWANCE FOR OCTOBER 2016	1,541.67	1,541.67

EFT23223	19/10/2016	THE PAPER COMPANY OF AUSTRALIA	A4 COPY PAPER 'A ONE' @\$3.74 X 50 REAMS	187.00	187.00
EFT23224	19/10/2016	CR. DEAN NARDI	16/17 SITTING FEES & ICT ALLOWANCE FOR OCTOBER 2016	1,541.67	1,541.67
EFT23225	19/10/2016	CLEANAWAY	DOMESTIC REFUSE, DOMESTIC RECYCLING, COMMERCIAL REFUSE, COMMERCIAL RECYCLING, LITTER BINS, BOAT RAMP - SEPTEMBER 16	41,924.26	41,924.26
EFT23226	19/10/2016	CARINYA OF BICTON	MEALS FOR RESPITE CENTRE FOR SEPT 2016 - 01/09/16 - 16/09/16	651.20	
			MEALS FOR RESPITE CENTRE FOR SEPT 2016 - 17/09/16 - 30/09/16	484.00	1,135.20
EFT23227	19/10/2016	SUNNY SIGN COMPANY	SUPPLY 2x900x600 "RESTRICTED AREA NO ENTRY WITHOUT PERMISSION FROM OPERATOR" SIGNS AS PER QUOTE 286326	147.40	
			SUPPLY 2 DOUBLE SIDED STREET SIGNS AS PER TOWN OF EAST FREMANTLE SPEC FOR "BEDFORD STREET" AND "FRASER STREET"	110.00	257.40
EFT23228	19/10/2016	WA SPECIAL NEEDS CHILDREN'S CHRISTMAS PARTY	DONATION - SPONSORSHIP OF WA SPECIAL NEEDS CHRISTMAS PARTY - 19 NOVEMBER 16	350.00	350.00
EFT23229	19/10/2016	DOMINIC CARBONE & ASSOCIATES	PREPARATION OF BOUNDARY AND MEMBER REPRESENTATION REVIEW	2,640.00	2,640.00
EFT23230	19/10/2016	FOODWORKS EAST FREMANTLE	MEETING CONSUMABLES 1.9.16 #414723	26.78	
			MEETING CONSUMABLES 5.9.16 #973725	75.06	
			WORKS CONSUMABLES 6.9.16 #974098	11.97	
			WORKS CONSUMABLES 8.9.16 #974914	40.98	
			BATTERIES	9.58	
			ADMIN CONSUMABLES 12.9.16 #976973	11.23	
			LEEUWIN VISION MEETING CONSUMABLES 14.9.16 #977918	315.00	
			WORKS CONSUMABLES 15.9.16 #978302	8.97	
			WORKS CONSUMABLES 16.9.16 #418861	93.27	
			ADMIN CONSUMABLES 29.9.16 #421967	8.42	
			HACC CONSUMABLES 29.9.16 #574646	20.41	621.67
EFT23231	19/10/2016	OFFICEWORKS	PRINTER TONER FOR RESPITE CENTRE	237.00	237.00
EFT23232	19/10/2016	DEPARTMENT OF TRANSPORT	VEHICLE SEARCH FEES SEPTEMBER 16 - 2 SUCCESSFUL	6.60	6.60
EFT23233	19/10/2016	SCARBORO MOTORS PTY LTD (SCARBORO TOYOTA)	PURCHASE 2016 TOYOTA HI-ACE (AS PER QUOTE 49960) HACC FLEET VEHICLE - 1GCQ227, 12 MONTHS REGISTRATION	52,475.00	
			PURCHASE 2016 TOYOTA TARAGO GLI (AS PER QUOTE 50091) HACC FLEET VEHICLE. 1GCQ228, 12 MONTHS REGISTRATION	43,990.00	96,465.00
EFT23234	19/10/2016	GLOBE AUSTRALIA PTY LTD	SOIL TESTING OF SPORTS GROUNDS - WAUHOP, EF OVAL, LACROSSE, HENRY JEFFREY	1,237.50	1,237.50
EFT23235	19/10/2016	DOCU-SHRED	240L SECURITY BIN EXCHANGE - 9 WEEKLY STANDARD ORDER 1/08/2016 TO 31/7/2017	55.00	55.00
EFT23236	19/10/2016	FOCUS NETWORKS	EMAIL PROTECTION SERVICE 50 MAIL BOXES, ONLINE BACKUP & DISASTER RECOVERY SERVICE & HOSTED ANTIVIRUS - 50 NODES - OCTOBER 16	1,535.71	
			HOSTED MANAGEMENT OF 3 RUCKUS WIRELESS ACCESS POINTS 1YR-(2) TOWN HALL (1) DEPOT 24/10/16 - 23/10/17	627.00	
			SCHEDULED SUPPORT 3 HOURS PER WEEK + HELPDESK AND MTHLY SERVER UPDATES - 16/09/16 - 29/09/16	1,952.17	
			OLD POLICE STATION - NETWORKING HARDWARE, WI-FI AND WIRELESS LINK PLUS INSTALLATION - 50% DEPOSIT REQUIRED BEFORE COMMENCEMENT. REMAINDER TO BE PAID ON COMPLETION	2,889.70	
			SUPPLY BUILD & INSTALL FIREWALL & UPS FOR TRICOLORE COMMUNITY CENTRE AS PER QUOTE 3303Q, SUPPLY CONFIGURE & INSTALL WIRELESS ACCESS FOR TRICOLORE COMMUNITY CENTRE AS PER QUOTE 3303Q	6,475.70	13,480.28
EFT23237	19/10/2016	ADCO SERVICES	REPAIRS TO OLD POLICE STATION FLOOR AND WALLS INCLUDING PAINTING VARIOUS AREAS AS SHOWN BY OPERATIONS MANAGER	11,550.00	11,550.00
EFT23238	19/10/2016	WORLD DIESEL	A GRADE (MINOR SERVICE) ON MITSUBISHI ROSA BUS 1DXU938	610.50	610.50
EFT23239	19/10/2016	C.E. NICHOLLS & SON PTY LTD	PRIVATE SWIMMING POOL/SPA INSPECTIONS - 250 CARRIED OUT @ \$40 PER INSPECTION PLUS GST - SEPTEMBER 2016	11,000.00	11,000.00
EFT23240	19/10/2016	CHIVERS ASPHALT PTY LTD	REPAIRS TO FOOTPATHS ON GEORGE & EAST STREETS	4,702.50	4,702.50
EFT23241	19/10/2016	FUJI XEROX	MODEL DC5C6675T FUJI XEROX PLANNING COPIER CHARGES 01/09/16 - 30/09/16	636.63	636.63
EFT23242	19/10/2016	CR. MICHAEL MCPHAIL	16/17 SITTING FEES, ICT ALLOWANCE & DEPUTY MAYORAL ALLOWANCE FOR OCTOBER 2016	1,866.67	1,866.67
EFT23243	19/10/2016	BCI FIRTH	RISK ASSESSMENT OF MERV COWAN STAND. UTILISING BCI FIRTHS REPORT FROM 2014.	1,045.00	1,045.00
EFT23244	19/10/2016	CIVIC LEGAL	PROFESSIONAL FEES - ADVICE LEGAL COST INDEMNIFICATION	467.50	467.50
EFT23245	19/10/2016	VOCUS COMMUNICATIONS	UNLIMITED INTERNET SERVICE ENHANCED FIBRE 10MBPS TOWN HALL AND DEPOT 01/11/16 - 01/12/16	1,799.00	1,799.00
EFT23246	19/10/2016	MARKETFORCE	ADVERTISING WEST AUSTRALIAN NEWSPAPER - MEETING PROCEDURES LOCAL LAW 08/10/16	632.14	632.14
EFT23247	19/10/2016	CR. ANDREW MCPHAIL	16/17 SITTING FEES & ICT ALLOWANCE FOR OCTOBER 2016	1,541.67	1,541.67
EFT23248	19/10/2016	CR. LUKAS NICHOLSON	16/17 SITTING FEES & ICT ALLOWANCE FOR OCTOBER 2016	1,541.67	1,541.67
EFT23249	19/10/2016	CR. ANDREW WHITE	16/17 SITTING FEES & ICT ALLOWANCE FOR OCTOBER 2016	1,541.67	1,541.67
EFT23250	19/10/2016	PAGE PERSONNEL	PERMANENT ARCHIVE & OFFSITE STORAGE PROJECT - TEMP RECORDS OFFICER - W/E 02/10/16	879.00	
			PERMANENT ARCHIVE & OFFSITE STORAGE PROJECT - TEMP RECORDS OFFICER W/E 09/10/16	235.83	1,114.83
EFT23251	19/10/2016	REKHA SARAVANAN	MOTOR VEHICLE ALLOWANCE 36.10KM @ 0.78 PER KM 27/09/16 - 30/09/16	28.16	28.16
EFT23252	19/10/2016	HUBBLES YARD	CATERING - CEO KPI WORKSHOP 5/10/16	330.00	330.00
EFT23253	19/10/2016	APARC AUSTRALIAN PARKING & REVENUE CONTROL PTY LTD	(2) STRADA RAPIDE SOLAR POWERED EVO4, EMV COMPLIANT, CONTACTLESS PAYMENTS TICKET MACHINES, (2) SPARE CASH BOXES, INSTALLATION & COMMISSIONING, MYPARKFOLIO CMS AND TRAINING AS PER QUOTE 25 MAY 2016.	17,160.00	17,160.00
EFT23254	19/10/2016	TPG - THE PLANNING GROUP WA PTY LTD	REIMBURSEMENTS OF PRINTING COSTS - LEEUWIN BARRACKS VISION FORUM - SNAP PRINTING 13/09/16, SNAP PRINTING 09/09/16, OFFICEWORKS 15/09/16, OFFICEWORKS 10/09/16	2,306.40	2,306.40



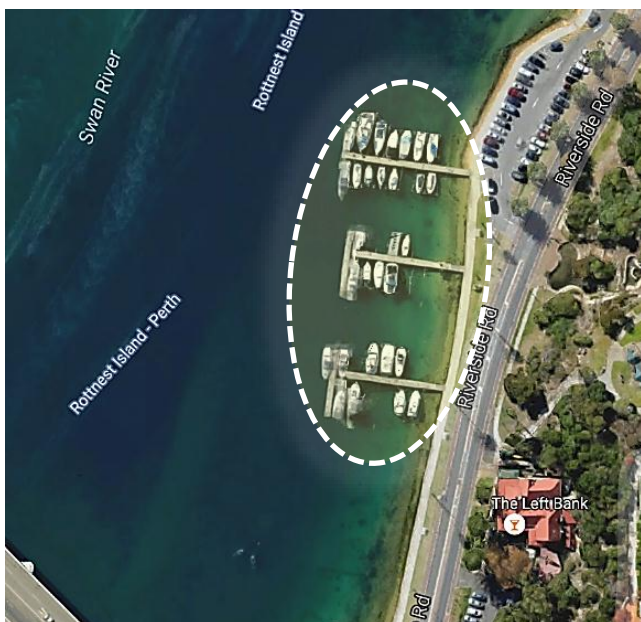
2016

Survey Inspection and Recommendations for

Three (3) JETTIES / PENS in EAST FREMANTLE

For

Town of East Fremantle



Revision: 0

Report Issued: 24 October 2016

Dive team member(s)	Diver(s)	Supervisor(s)
Andy Larsen	X	X
Simeon Howman	X	X
Todd Ramsey	X	X
Christo Pretorius	X	
Jacob Zimmerman	X	
Kinloch Brown	X	
Randell Ensor	X	
Ross Graham	X	
Sam Ducie	X	
Todd Hughes	X	

Date:	Rev No.	Prepared by:	Signature	Approved by:	Signature
21/10/16	A Draft	Harry Nomikoudis		Michael Gray	
		Subsea Engineer		Managing Director	
24/10/16	0	Harry Nomikoudis		Michael Gray	
		Subsea Engineer		Managing Director	

Executive Summary

This report details the findings / visual / inspection results undertaken by INDIANIC of the **Northern, Middle and Southern Jetties** for the council Town of East Fremantle on:

Below is a summary of the findings, etc.:

- All CP and NDT (UT) testing completed on the inspected piles.
- All piles have been cleaned at the point the readings were taken from.
- All piles had no sacrificial anodes. But with approval, 20kg sacrificial anodes were placed on the structure.
- The piles show light to heavy pitting at base and surface rust at sea level. It is recommended that the piles are wrapped in an oxygen depletion barrier such as a Denso Sea shield product. This alone with the CP system will extend the life of the piles by 20-30% reducing rusting from oxygen corrosion.
- Some fendering system is in need of a refurbishment.
- Some of the ladders are in a poor state.
- A large % of the eye bolt connectors that hold the pen ropes, also require replacement.
- All hollows require filling or patching.

NORTHERN JETTY

- Pile S1: Deterioration at water level.
- Pile S6: Bad deterioration.
- Pile S7: Hollow section above splash zone; delamination on outer layer.
- Pile S8: Hollow section 1m below surface.
- Pile N3: Rotten at base and hollow through middle.
- Pile N5.2: Hollow at water level; outer layer.
- Pile N6: Deterioration of outer layer with 30 mm hole at water level.

MIDDLE JETTY

- Missing Fender at east side of wharf (south direction).
- Pile S4: On severe angle and rotten.
- Pile S7: Rotten around splash zone.

SOUTHERN JETTY

- Pile 2: Minor pitting
- Pile 4: Anode depletion at base.
- Pile N7: Two (2) large pits and debris.

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1. Introduction

This report details the findings / visual / inspection results undertaken by INDIANIC of the **Northern, Middle and Southern Jetties** for the council Town of East Fremantle on:

Start Date	September 13, 2016
End Date	September 22, 2016

1.1. Scope of Works

1.1.1. Pile Inspections

Performed:

- Pile UTM thickness reading of 4 points (12/3/6/9 o'clock) and 3 areas (sea bed - mid water - splash zone).
- CP reading - 3 points per section.
- Pictorial reference of any anomalies and general condition of each pile.

1.1.2. Wharf Inspections

Performed:

- Wharf and pile measurements (including technical drawings).
- Water depth of pen / pile(s).
- Current condition of above deck and ancillary fixtures.
- Pictorial references.

1.1.3. Raw Data Collection and Interpretation

Collated inspection data / findings on a spreadsheet, coinciding with a plan and pile / pole numbers for engineering assessment.

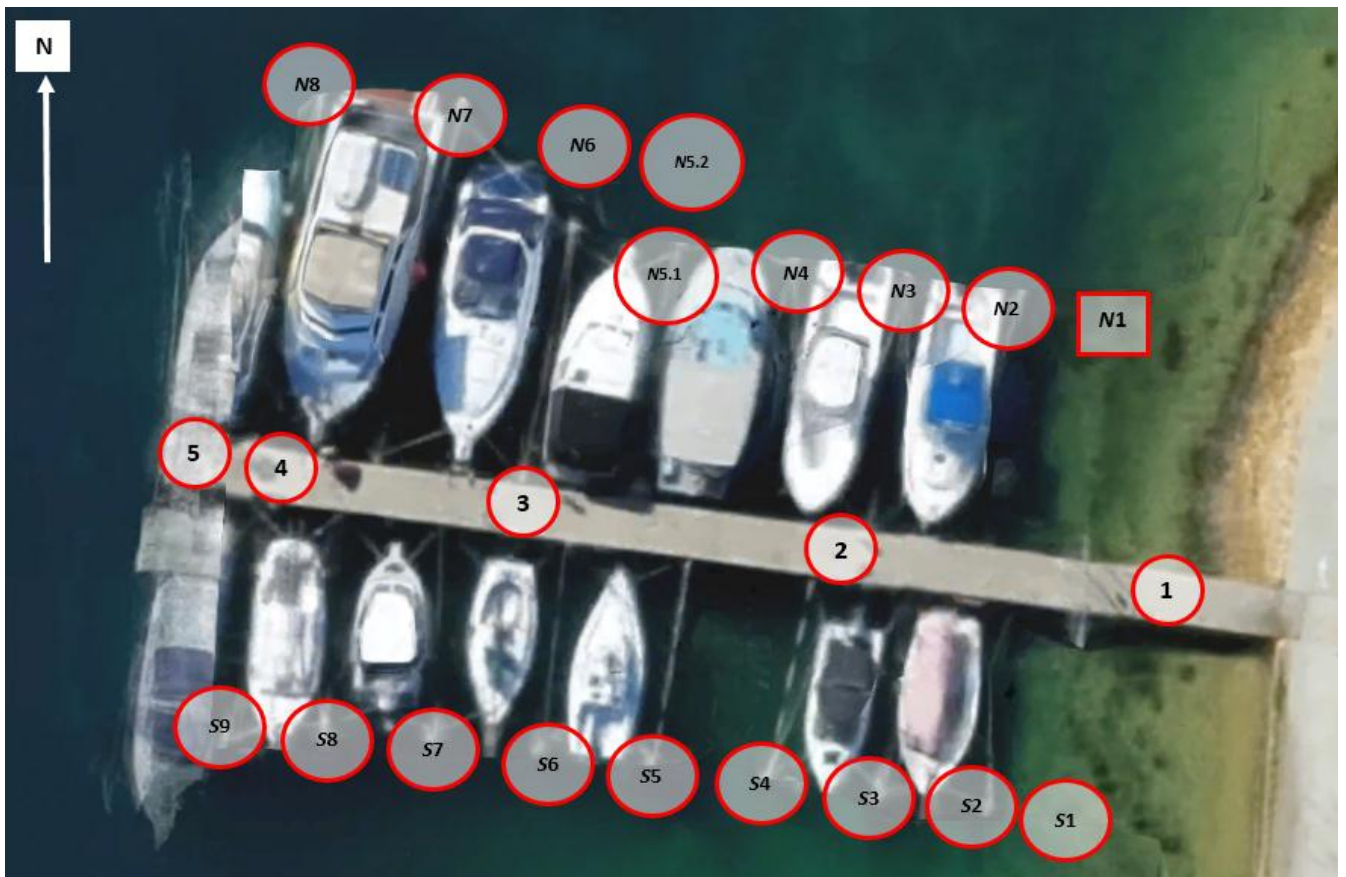
1.2. Location

The pile locations for the three (3) jetties at East Fremantle opposite the 'Left Bank' are identified below:



All the inspection data and findings are based on the direction(s) / arrangements as stated in sections below. Also refer to Appendix 1 – for a 3D visual representation of the three (3) jetties.

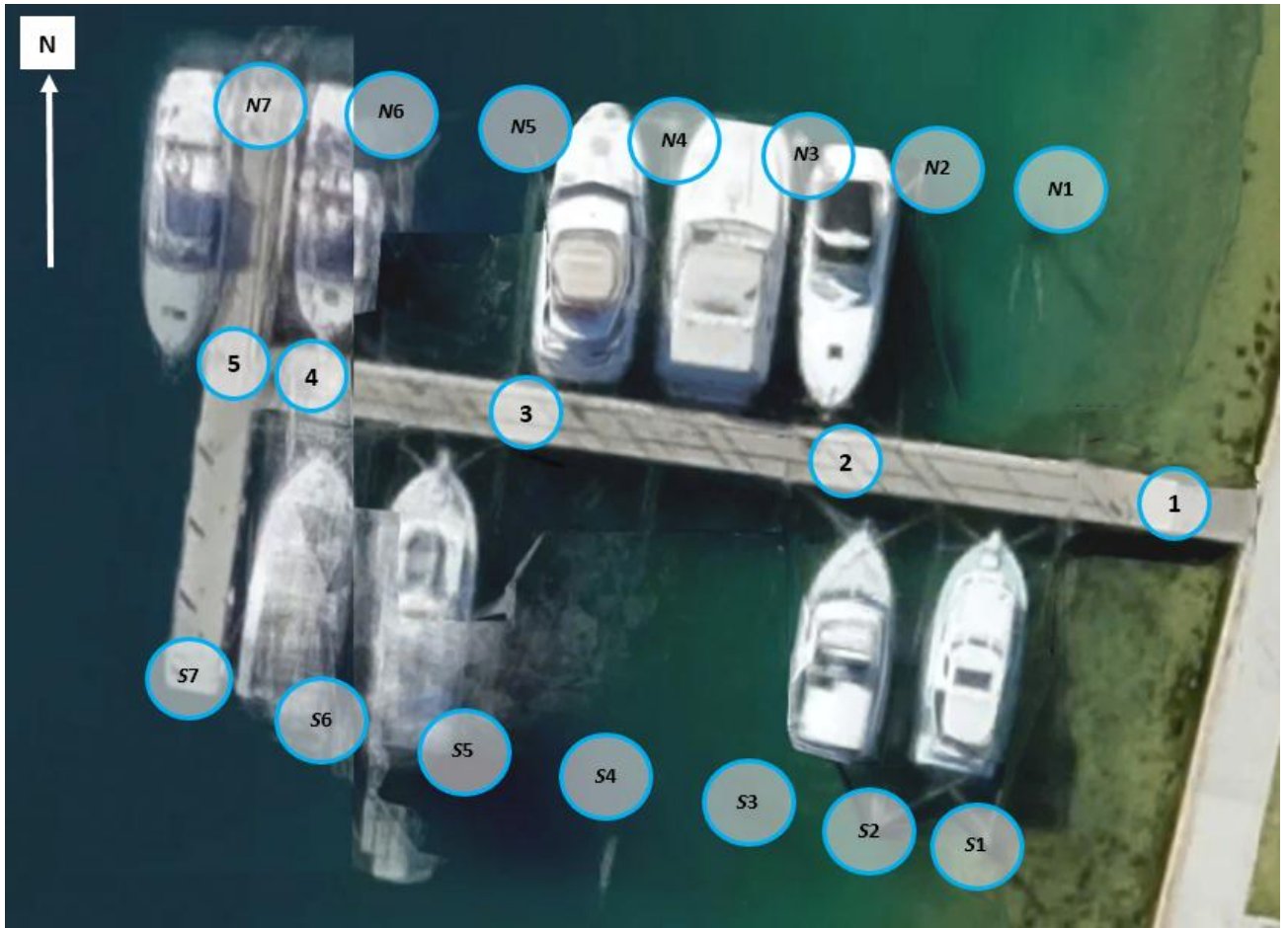
1.2.1. NORTH JETTY Pile - Arrangement:



1.2.2. MIDDLE JETTY Pile - Arrangement:



1.2.3. SOUTHERN JETTY Pile - Arrangement:



2. Project Information

The following information is based on the diving inspection(s) at the location(s) as described:

	INSPECTION 1	INSPECTION 2	
DATE CONDUCTED	13/9/16	16/9/16	
CLIENT	Town of East Fremantle	Town of East Fremantle	
LOCATION	East Fremantle (left bank)	East Fremantle (left bank)	
CRITERIA	CP / UTM of Piles and / or Visually inspect the wharf in East Fremantle.	CP / UTM of Piles and / or Visually inspect the wharf in East Fremantle.	
DIVING SUPERVISOR(S)	T. Ramsey	A. Larsen.	S. Howman
DIVE TEAM MEMBERS	C. Pretorius S. Howman A. Larsen K. Brown	J. Zimmerman C. Pretorius S. Ducie	K. Brown. R. Ensor T. Hughes
RESULTS	<i>Refer to sections 3 and 4. for the respective Results and Recommendations.</i>		

	INSPECTION 3	INSPECTION 4	
DATE CONDUCTED	20/9/16	22/9/16	
CLIENT	Town of East Fremantle	Town of East Fremantle	
LOCATION	East Fremantle (left bank)	East Fremantle (left bank)	
CRITERIA	CP / UTM of Piles and / or Visually inspect the wharf in East Fremantle.	CP / UTM of Piles and / or Visually inspect the wharf in East Fremantle.	
DIVING SUPERVISOR(S)	A. Larsen.	A. Larsen.	
DIVE TEAM MEMBERS	J. Zimmerman C. Pretorius K. Brown	T. Hughes K. Brown. R. Graham	
RESULTS	<i>Refer to sections 3 and 4. for the respective Results and Recommendations.</i>		

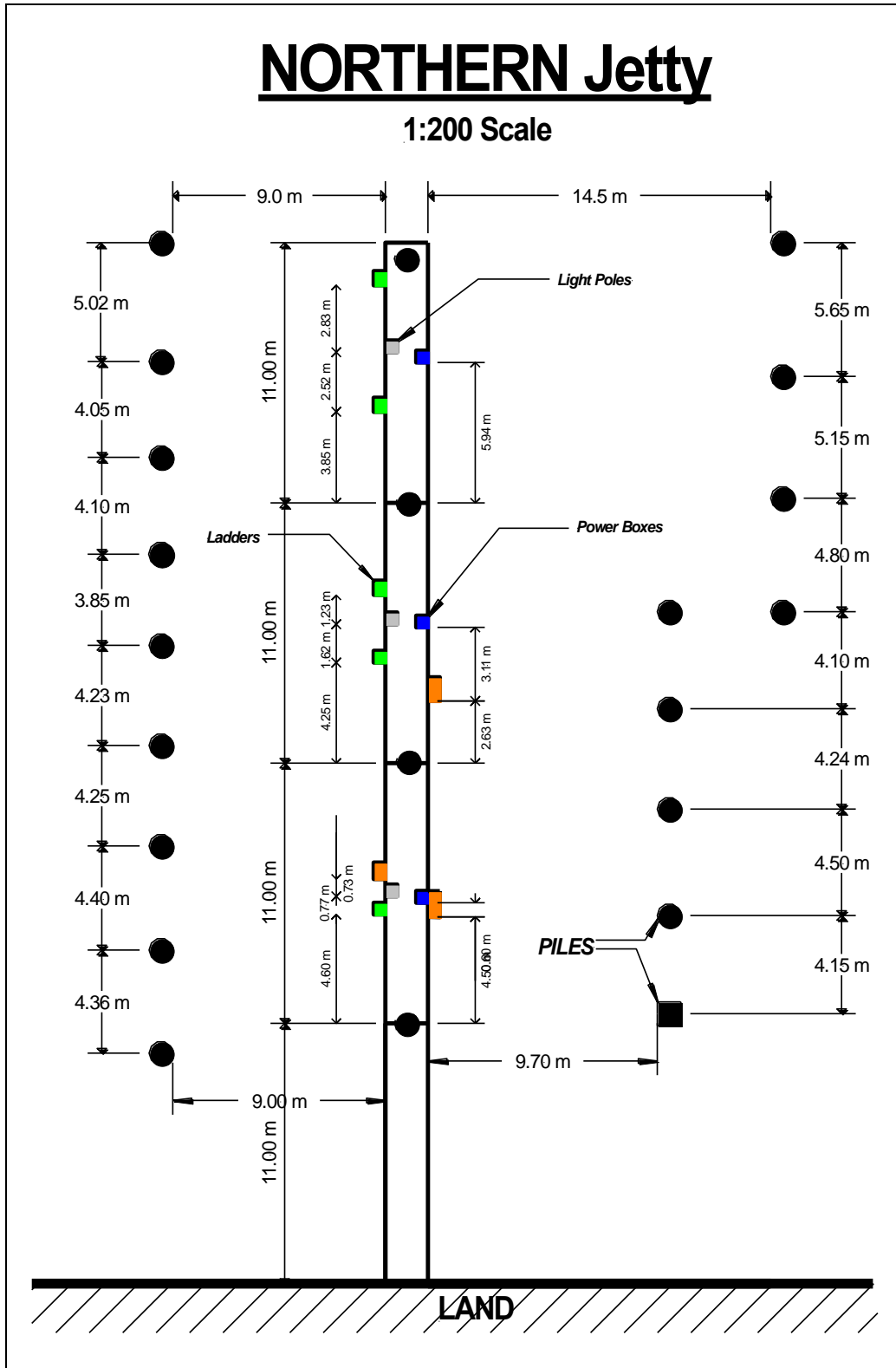


3. Summary of FINDINGS and RESULTS

The information provided in this following section has been extracted and analysed from the source inspection data as provided in APPENDIX 4 of this report. Additional Jetty detail(s) have been provided in Appendix 2.

3.1. NORTHERN JETTY - Findings and Results

3.1.1. JETTY Details and Measurements



3.1.2. Piles – List (Summary) of Results

Below is a list summarising the results of the inspected piles.

PILE No.	UT Wall Thickness			CP Potential (-V)			ANODE	Pitting			GROWTH							
	[mm]			Reading #			Depletion	Coverage	Diameter	Depth	At Bottom				At Top			
	Min	Max	Avg	1	2	3	%	Max [%]	Max [mm]	Max [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]
1	8.3	9.6	8.79	0.655	0.656	0.655	0%	0%	0	0	10%	0%	10%	5	0%	0%	0%	0
2	9.2	9.7	9.38	0.667	0.668	0.668	100%	30%	10	2	100%	30%	70%	20	0%	0%	0%	0
3	7.2	9.2	8.71	0.667	0.668	0.668	100%	50%	5	5	100%	20%	80%	50	0%	0%	0%	0
4	9.9	10.5	10.17	0.915	0.914	0.915	60%	0%	0	0	100%	20%	80%	80	0%	0%	0%	0
N7	9.2	9.8	9.64	0.000	0.000	0.000	0%	0%	0	0	100%	30%	70%	50	0%	0%	0%	0
N8	7.8	9.8	9.47	0.643	0.643	0.643	0%	0%	0	0	100%	30%	70%	0	100%	25%	75%	80

Note: N Northern Pen

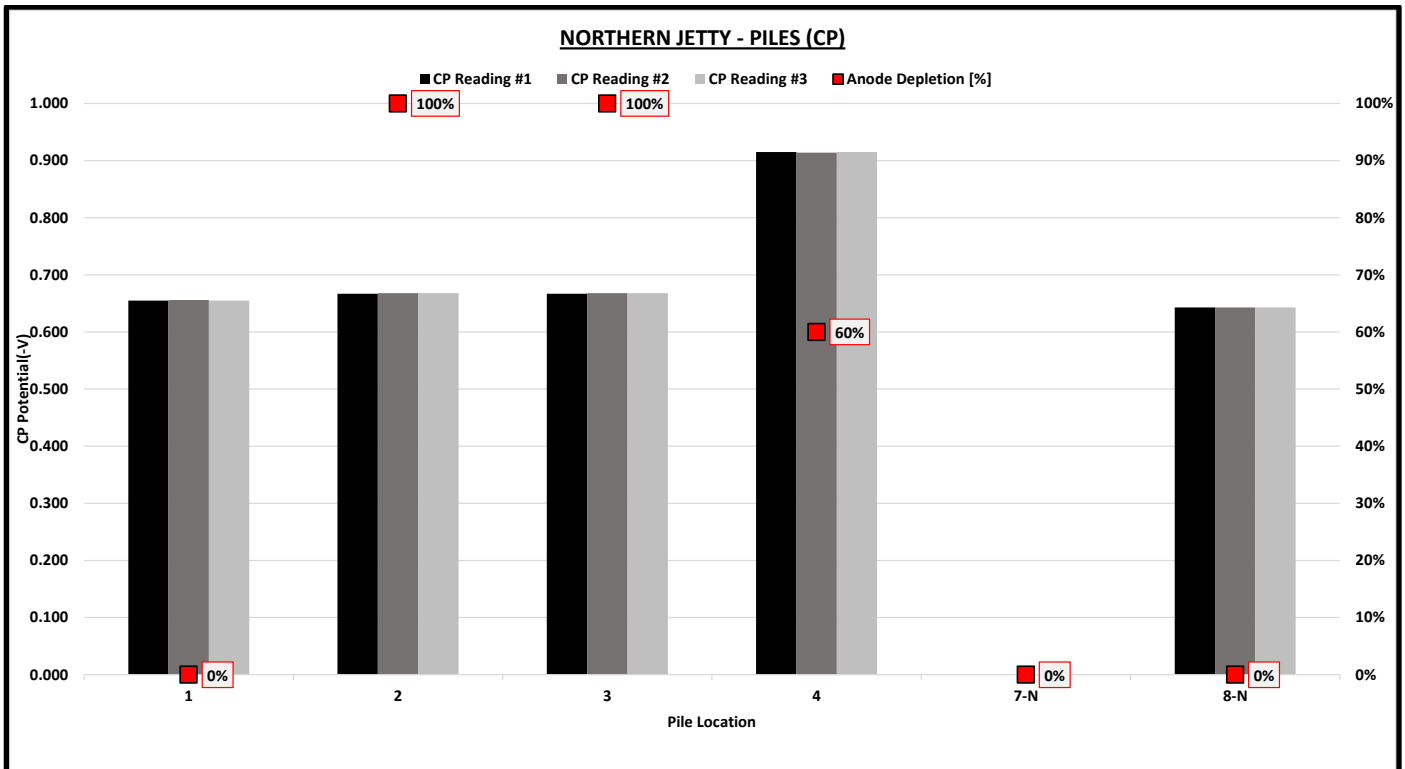
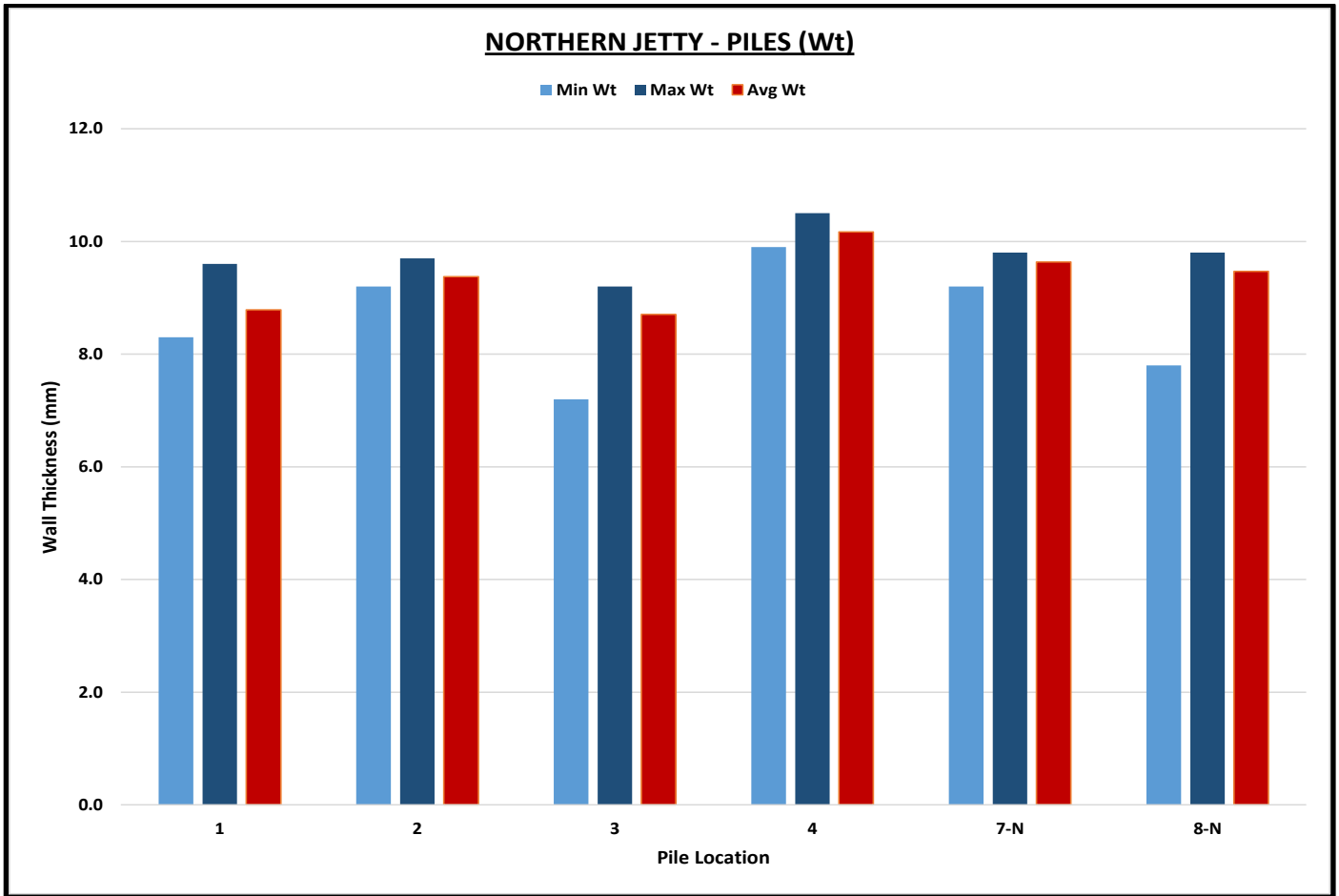
SOUTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
S1	1.08	1.40		X	Solid; Deterioration on water level – down.
S2	1.02	2.10		X	100% growth (10% hard, 40mm); Solid.
S3	1.15	2.10		X	
S4	1.15	2.60		X	
S5	1.23	3.50		X	
S6	1.28	4.40		X	Bad deterioration.
S7	1.33	5.30		X	Hollow section above splash zone; delamination of outer layer.
S8	1.06	6.30		X	Hollow section 1m below surface.
S9	1.30	7.20		X	Mussel growth.

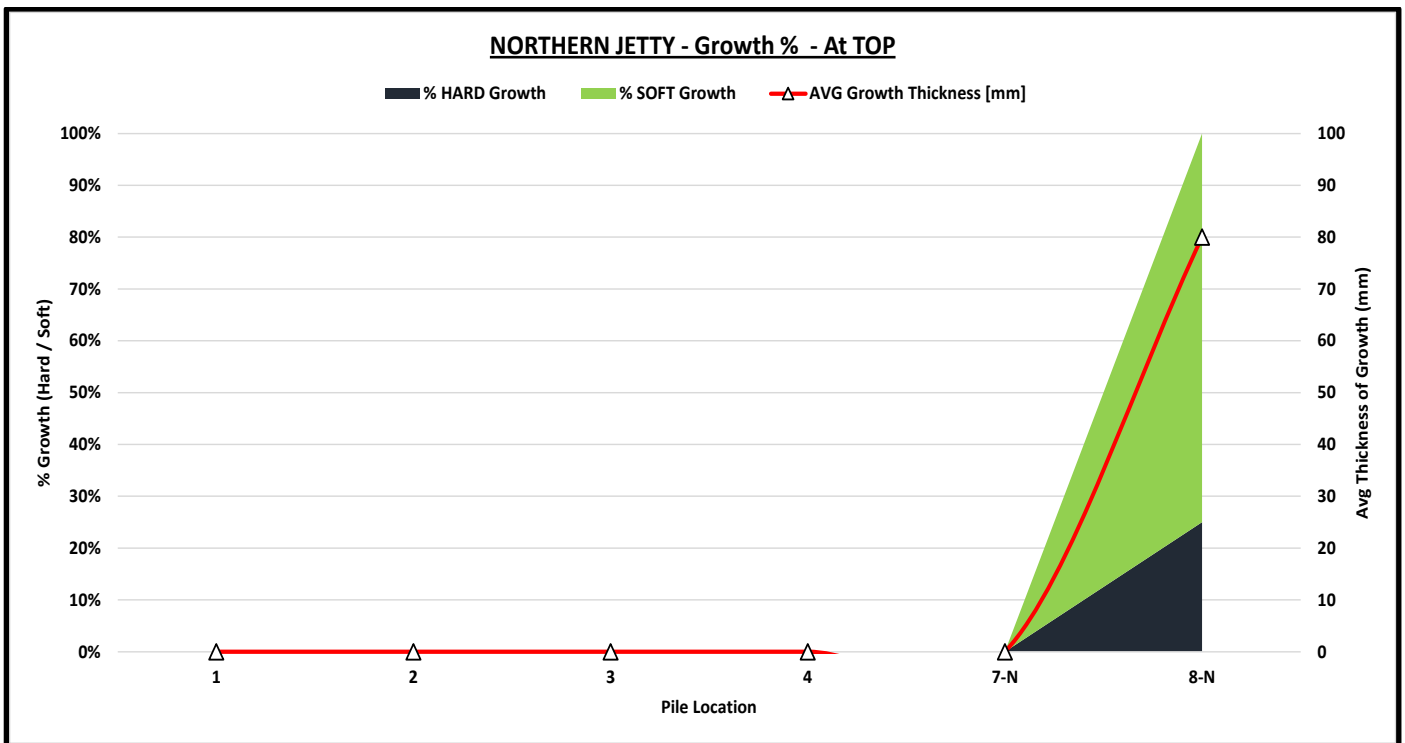
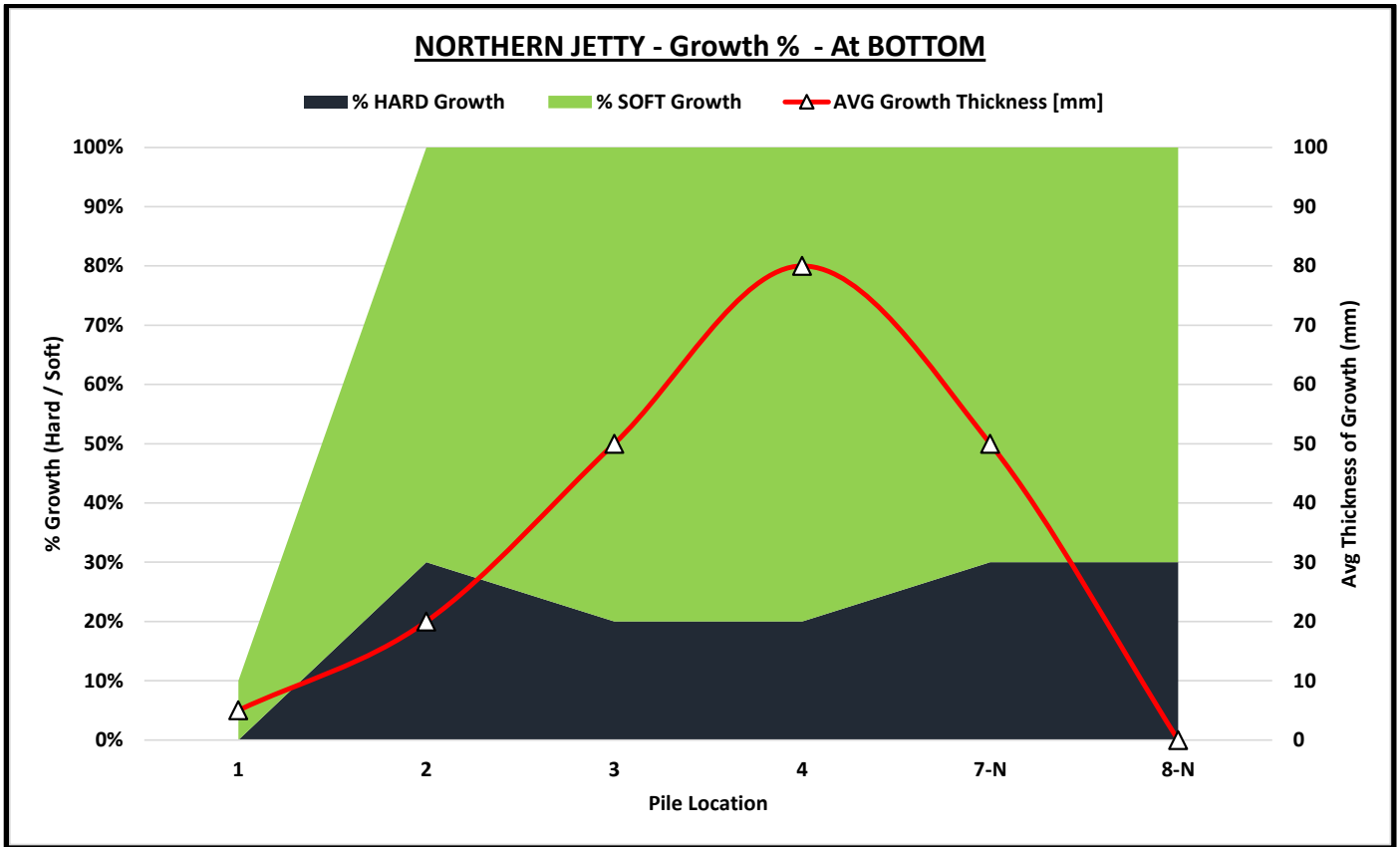
CENTRE PENS	Circum.	Depth	Steel	Wood	Comments
	[mm]	[m]			
1	1.15	1.25	X		100 % Growth (30% HARD, 30mm); Cofferdam on top.
2	1.27	2.10	X		Cofferdam in top of pole; Anode: 20kg bracket welded directly onto pole; Growth: Comes away easily.
3	1.20	3.50	X		Anode: 20kg bracket; cofferdam in top of pole; Plastic sleeve on top
4			X		Anode: 20kg; white paint cover at bottom.

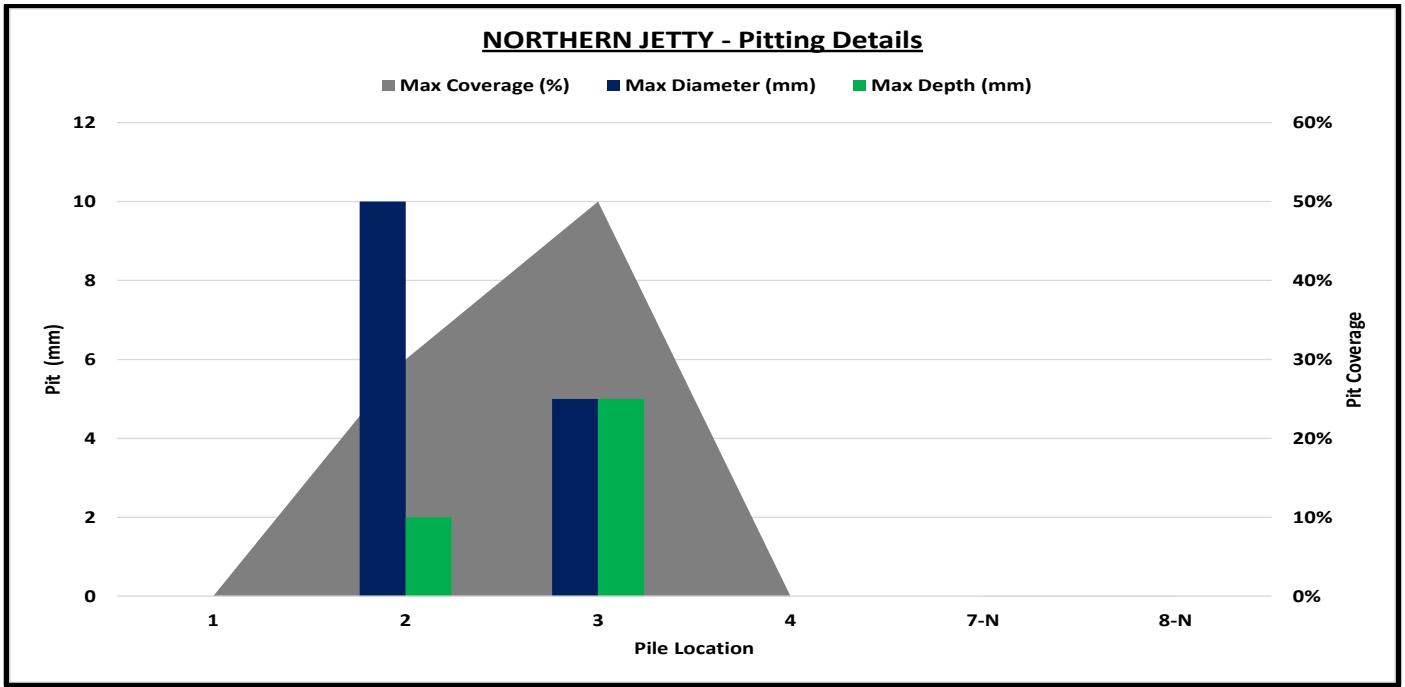
NORTH PENS	Circum.	Depth	Steel	Wood	Comments
	[mm]	[m]			
N1	0.62	1.20		X	Square (150mm X 160mm); 3/4 of wood rotten; held together by steel cable.
N2	1.07	1.30		X	Solid.
N3	1.05	1.30		X	Rotten at base and hollow through middle.
N4	1.30	1.50		X	Solid.
N5.1	1.13	1.90		X	Solid.
N5.2	1.15	1.90		X	Hollow at water level, outer layer.
N6	1.35	1.65		X	Deterioration: Outer layer, 30mm hole at water level.
N7	1.05	3.90	X		Bottom: Denso wrap (2 layers).
N8	1.05	5.60	X		Steel: 60 % cover; 100% growth (10 % hard); also cement; Bottom: Support brace; Top: Denso wrap without coating (grease) loose in sections around top & middle.

3.1.3. Piles – Graphs

Below are graphs summarising the results of the inspected piles.



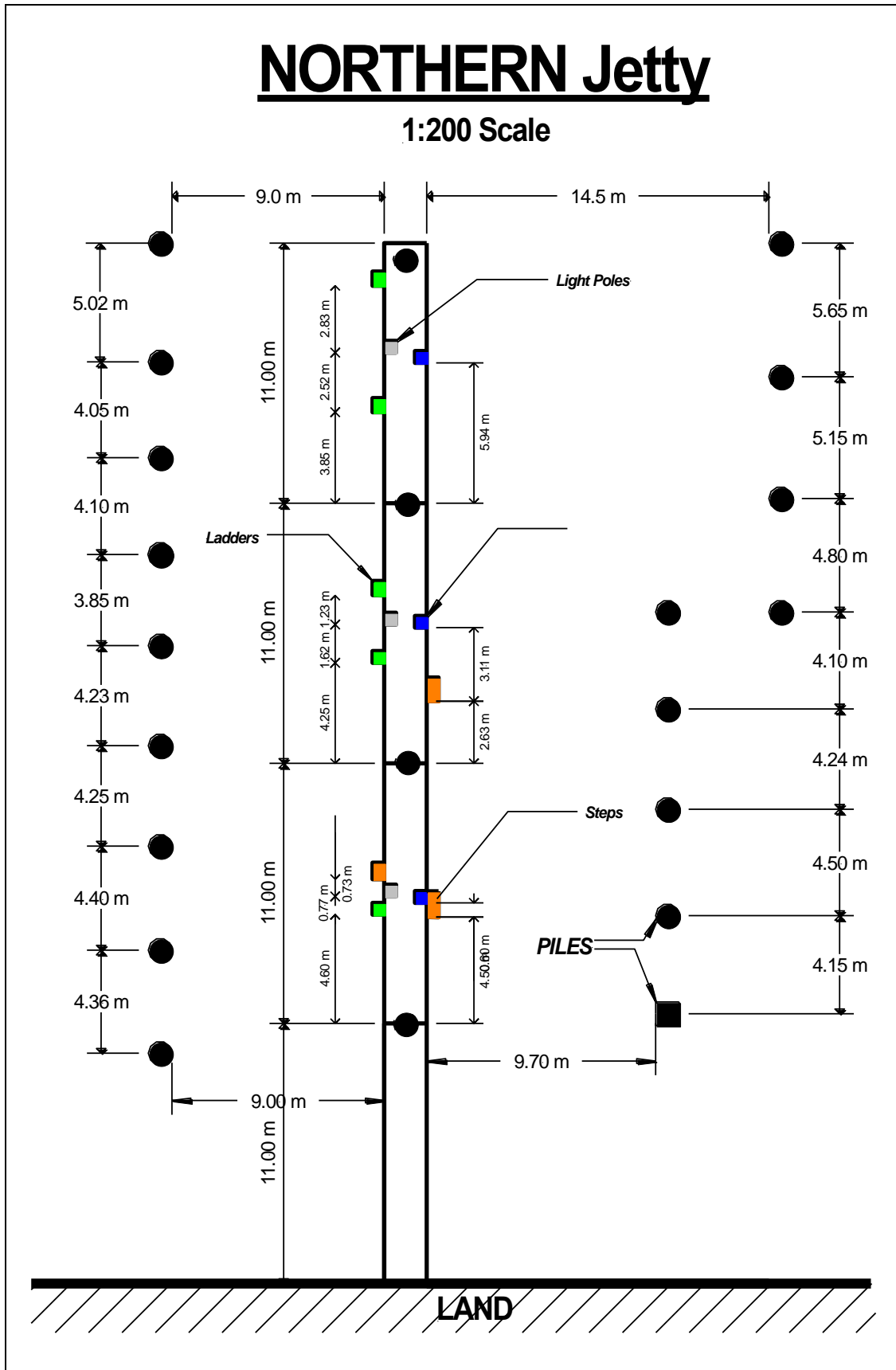






3.2. MIDDLE JETTY - Findings and Results

3.2.1. JETTY Details and Measurements



3.2.2. Piles – List (Summary) of Results

Below is a list summarising the results of the inspected piles.

Note: Depth readings taken at 13:00h 20/9/16.

PILE No.	UT Wall			CP Potential (-V)			ANODE	Pitting			GROWTH							
	[mm]			Reading #			Depletion	Coverage	iamet	Depth	At Bottom				At Top			
	Min	Max	Avg	1	2	3	%	Max [%]	Max [mm]	Max [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]
1	9.1	9.6	9.25	0.652	0.652	0.652	0%	0%	0	0	100%	30%	70%	20	100%	30%	70%	20
2	9.5	9.9	9.68	0.697	0.697	0.698	100%	0%	0	0	100%	30%	70%	50	100%	30%	70%	50
3	8.6	9.2	8.88	0.630	0.630	0.631	100%	0%	0	0	100%	25%	75%	50	100%	25%	75%	50
4	9.5	9.8	9.63	0.698	0.698	0.698	100%	0%	0	0	100%	30%	70%	80	100%	30%	70%	80
5	9.5	9.7	9.60	0.947	0.947	0.947	30%	0%	0	0	0%	0%	0%	0	100%	20%	80%	50
N1	8.6	8.7	8.62	0.666	0.666	0.665												
N2	8.6	8.7	8.63	0.655	0.655	0.655												
N3	8.6	8.7	8.65	0.655	0.655	0.655												
N8	9.4	9.7	9.51	0.957	0.957	0.657	40%	0%	0	0	100%	20%	80%	40	100%	20%	80%	100
S8	8.9	9.2	9.08	0.722	0.723	0.723	100%	0%	0	0	100%	30%	70%	150	100%	30%	70%	50

Notes: Northern Pen; Southern Pen

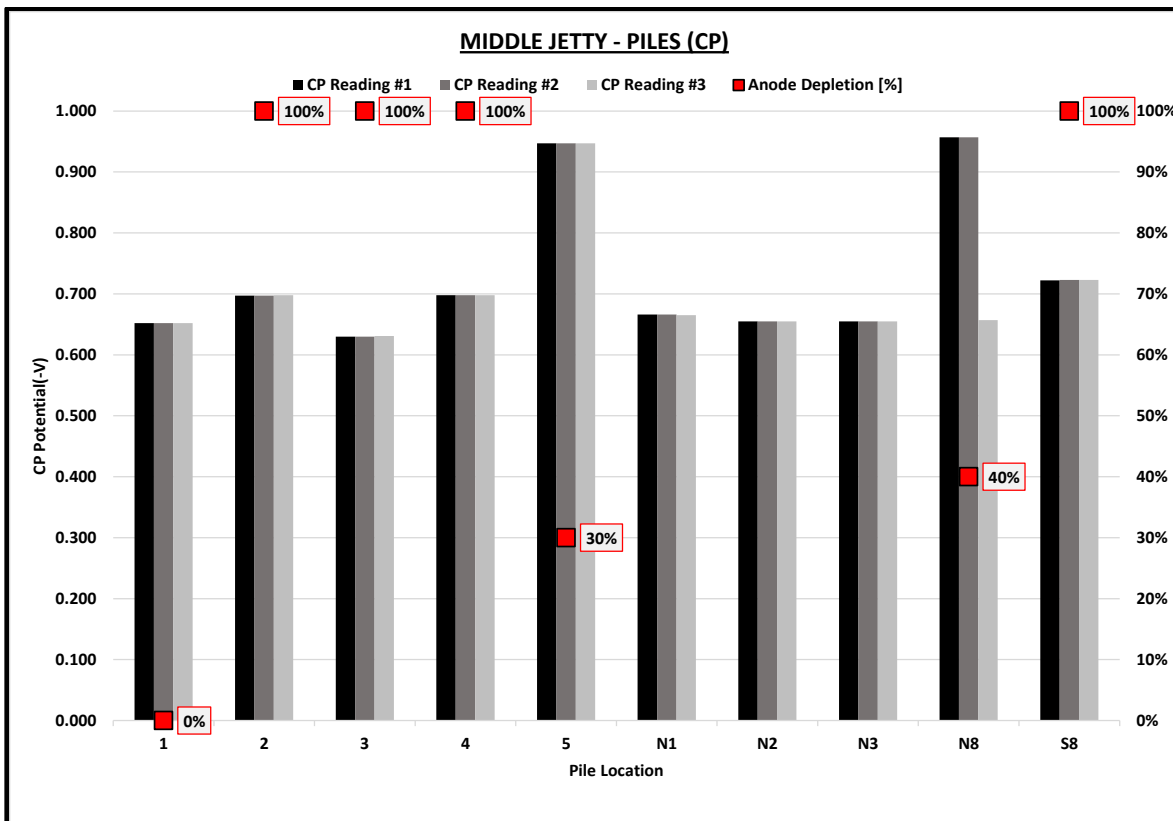
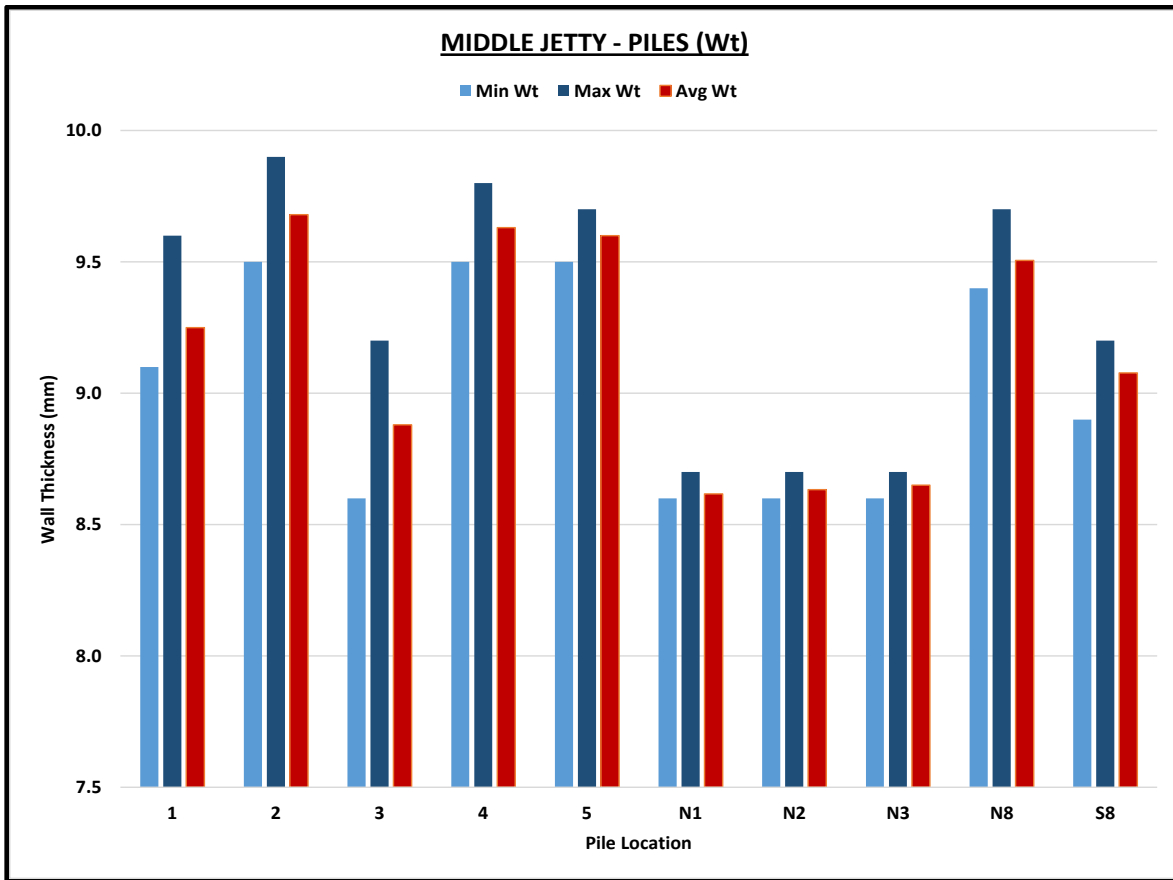
SOUTH PENS	Circum. [m]	Depth [m]	Steel	Wood	Comments
S1	1.00	1.40	X		
S2	0.90	1.90		X	
S3	1.00	2.10			Poly type material (not steel / wood).
S4	1.20	2.70		X	On severe Angle and rotten.
S5	1.20	4.00		X	
S6	1.20	5.60		X	
S7	1.20	6.80		X	Rotten around splash zone
S8	2.12	7.90	X		Anode: 20 kg

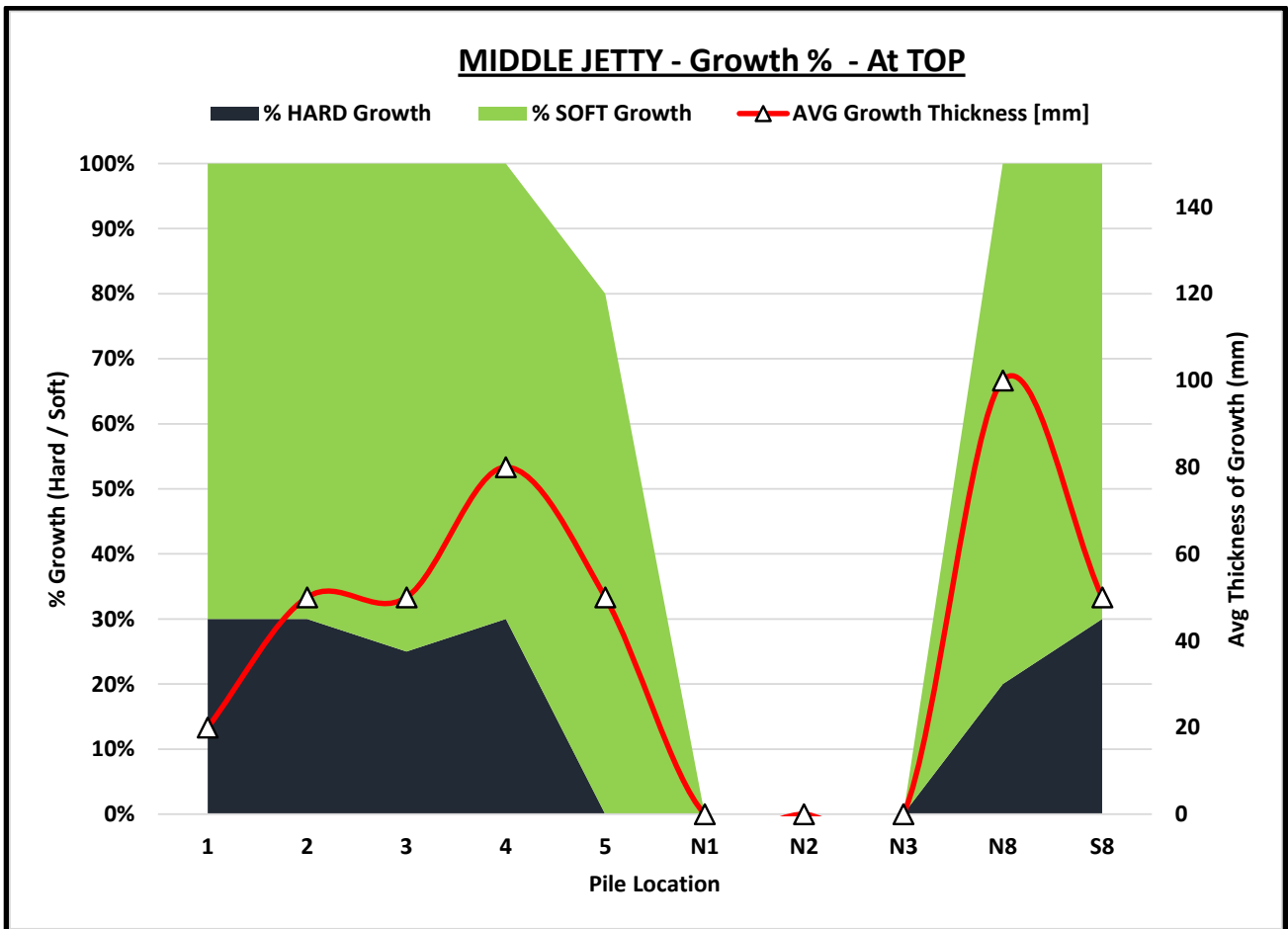
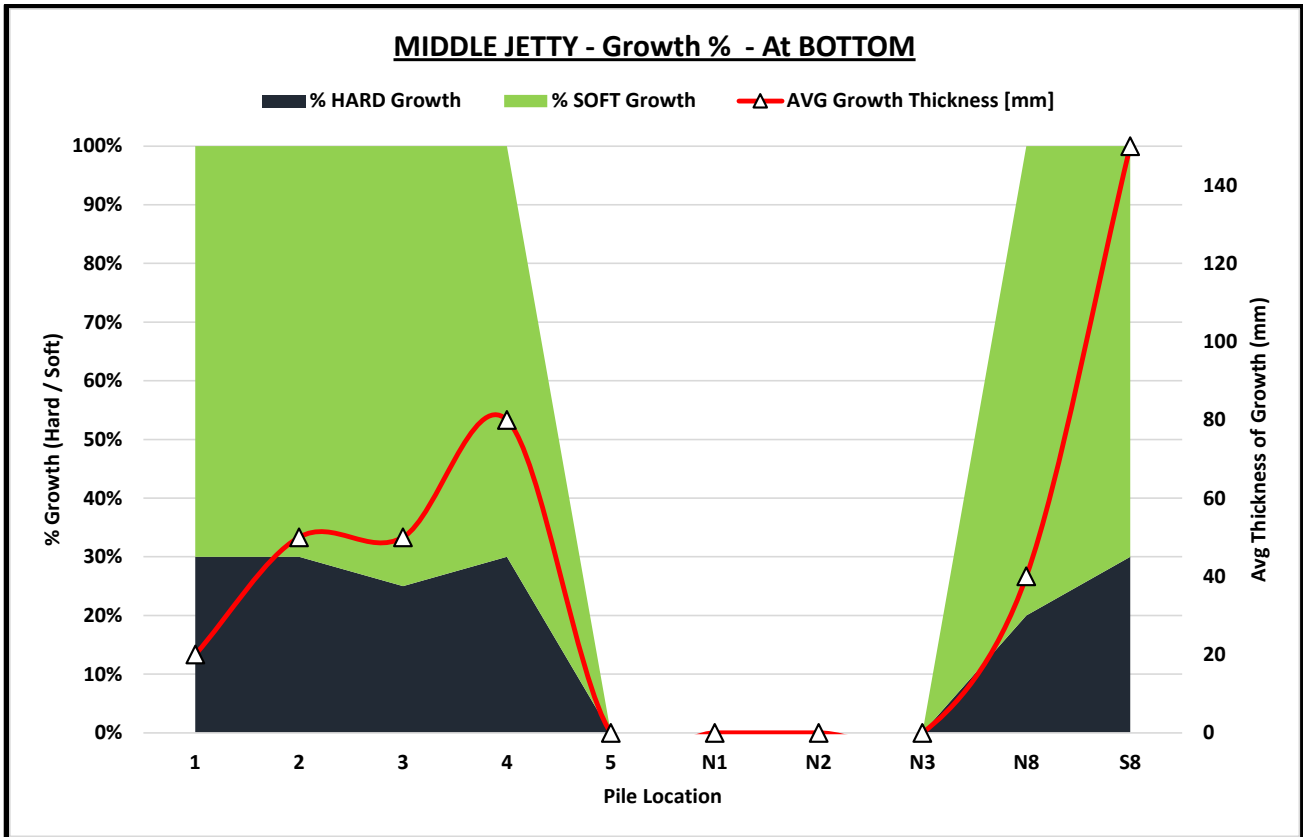
CENTRE PENS	Circum. [m]	Depth [m]	Steel	Wood	Comments
1	1.70	1.18	X		
2	0.98	2.40	X		
3	1.10	4.30	X		
4	1.70	7.40	X		Top: Grease wrap.
5	1.80	8.00	X		Plastic Sleeve.

NORTH PENS	Circum. [m]	Depth [m]	Steel	Wood	Comments
N1	0.98	1.60	X		WT and CP results; no Pitting and Growth information.
N2	0.99	1.90	X		WT and CP results; no Pitting and Growth information.
N3	0.99	2.10	X		WT and CP results; no Pitting and Growth information.
N4	1.20	2.90		X	
N5	1.20	4.00		X	
N6	1.10	5.20		X	
N7	1.10	6.20		X	
N8	1.70	7.90	X		Anode: 20 kg

3.2.3. Piles – Graphs

Below are graphs summarising the results of the inspected piles.

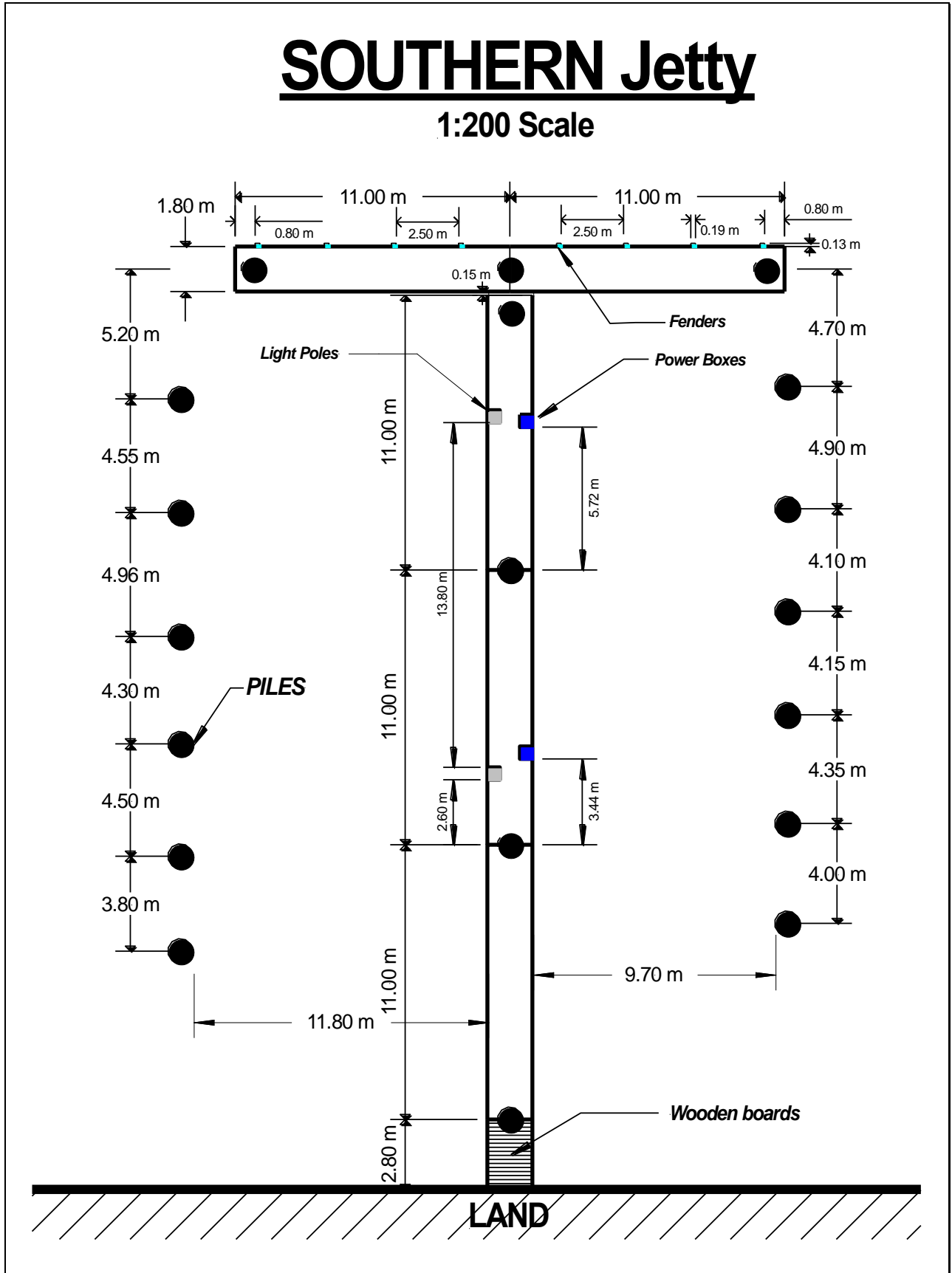






3.3. SOUTHERN JETTY - Findings and Results

3.3.1. JETTY Details and Measurements



3.3.2. Piles – List (Summary) of Results

Below is a list summarising the results of the inspected piles.

Note: Depth readings taken at 13:30h 20/9/16.

PILE No.	UT Wall Thickness			CP Potential (-V)			ANODE	Pitting			GROWTH							
	[mm]			Reading #			Depletion	Coverage	Diameter	Depth	At Bottom				At Top			
	Min	Max	Avg	1	2	3	%	Max [%]	Max [mm]	Max [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]
1	9.9	10.2	10.07	0.575			0%	0%	0	0	100%	10%	90%	0	0%	0%	0%	0
2	9.0	10.2	9.30	0.643	0.608	0.643	100%	5%	1	1	100%	30%	70%	25	100%	30%	70%	25
3	9.2	9.6	9.31	0.639	0.635	0.639	100%	0%	0	0	100%	20%	80%	30	100%	20%	80%	25
4	10.0	10.4	10.22	0.921	0.921	0.921	20%	0%	0	0	100%	10%	90%	25	100%	10%	90%	25
5	10.2	10.5	10.35	0.946	0.946	0.949	20%	0%	0	0	100%	10%	90%	60	100%	20%	80%	40
N1	9.4	9.8	9.63															
N2	8.9	9.0	8.98															
N7	8.3	8.8	8.64	0.650	0.650	0.650	100%	1%	40	8	100%	20%	80%	30	100%	20%	80%	15
S1	8.9	9.1	9.00															
S2	8.9	9.1	9.04															
S7	9.1	9.6	9.44	0.651	0.651	0.656	100%	0%	0	0	100%	20%	80%	30	100%	30%	70%	30

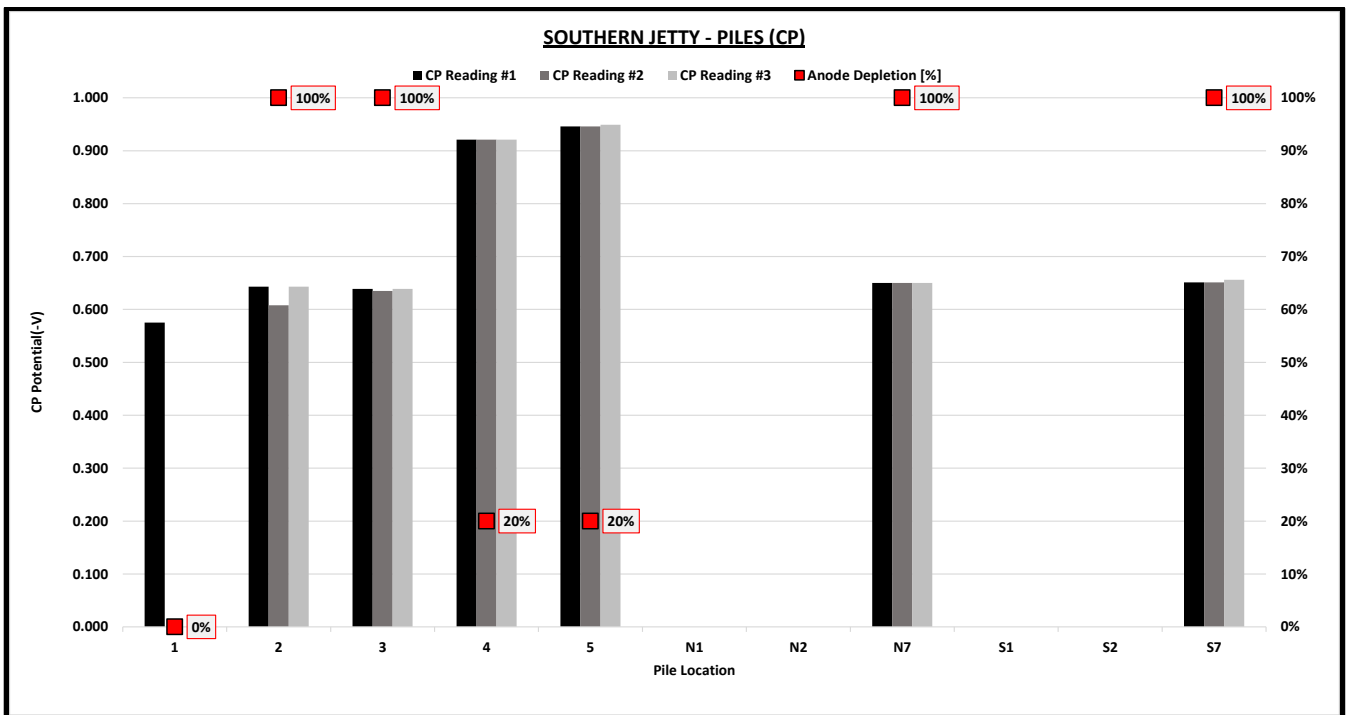
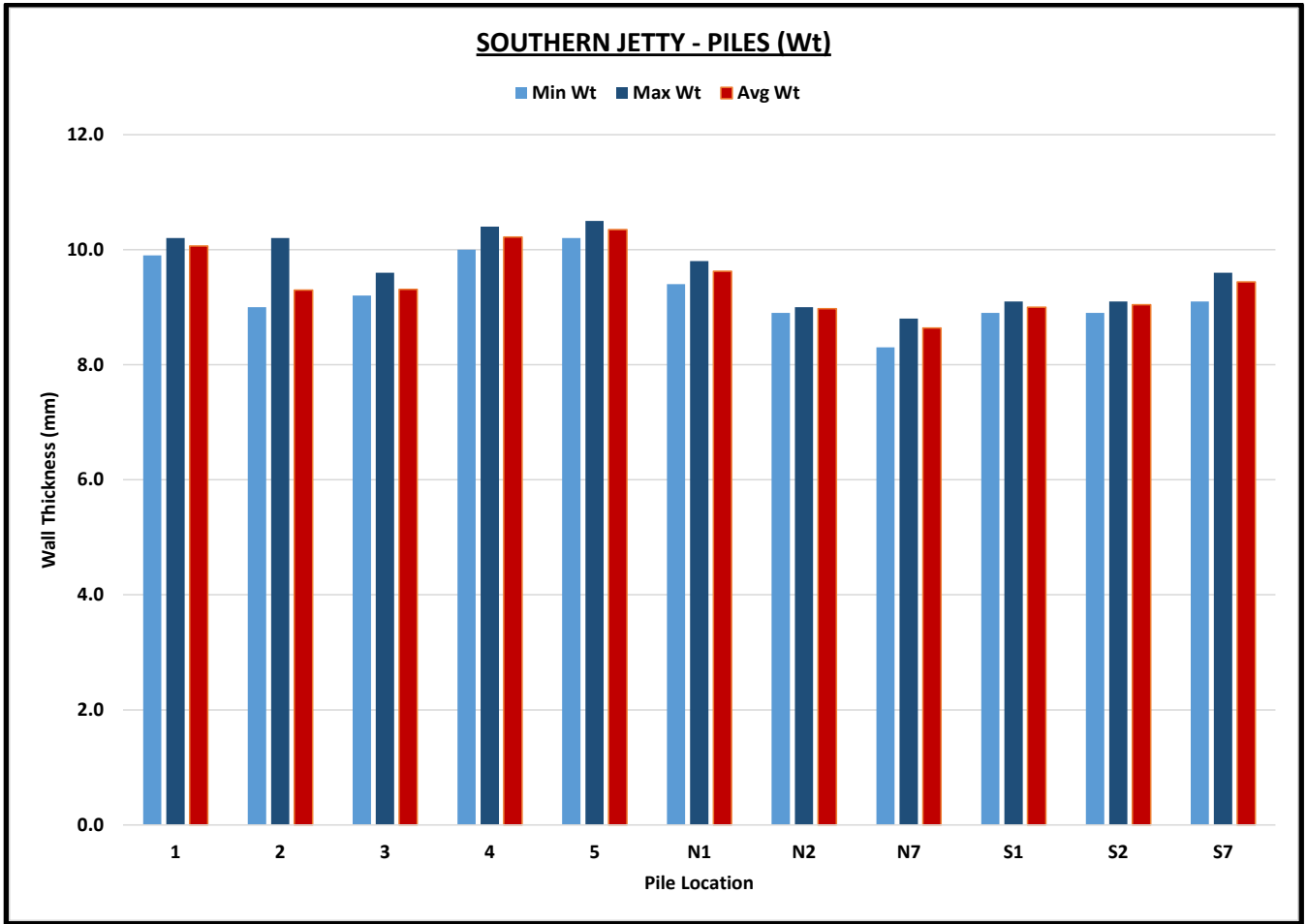
SOUTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
S1	-	1.70	X		Only WT results. No CP, Pitting and Growth results.
S2	-	2.30	X		Only WT results. No CP, Pitting and Growth results.
S3	-	3.40		X	
S4	-	4.90		X	
S5	-	5.80		X	
S6	-	6.80		X	
S7	-	-	X		White coating only; debris: tyre, rope.

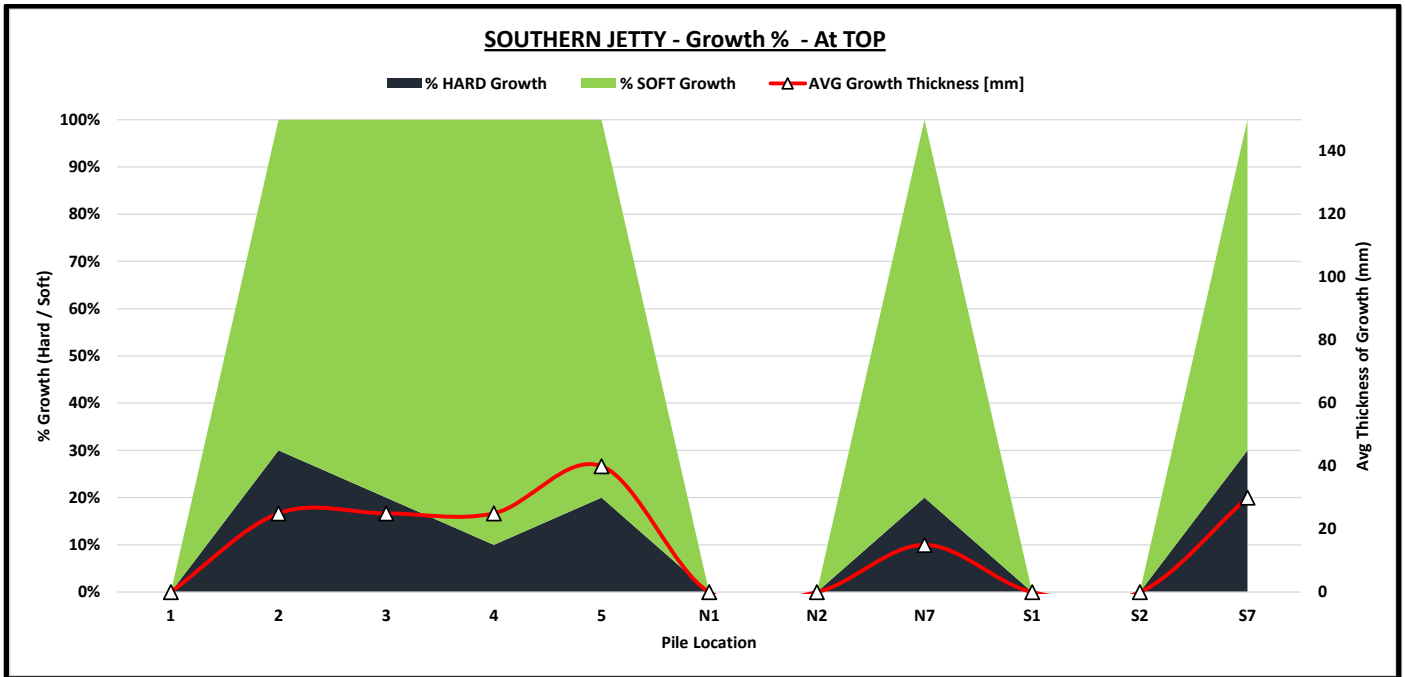
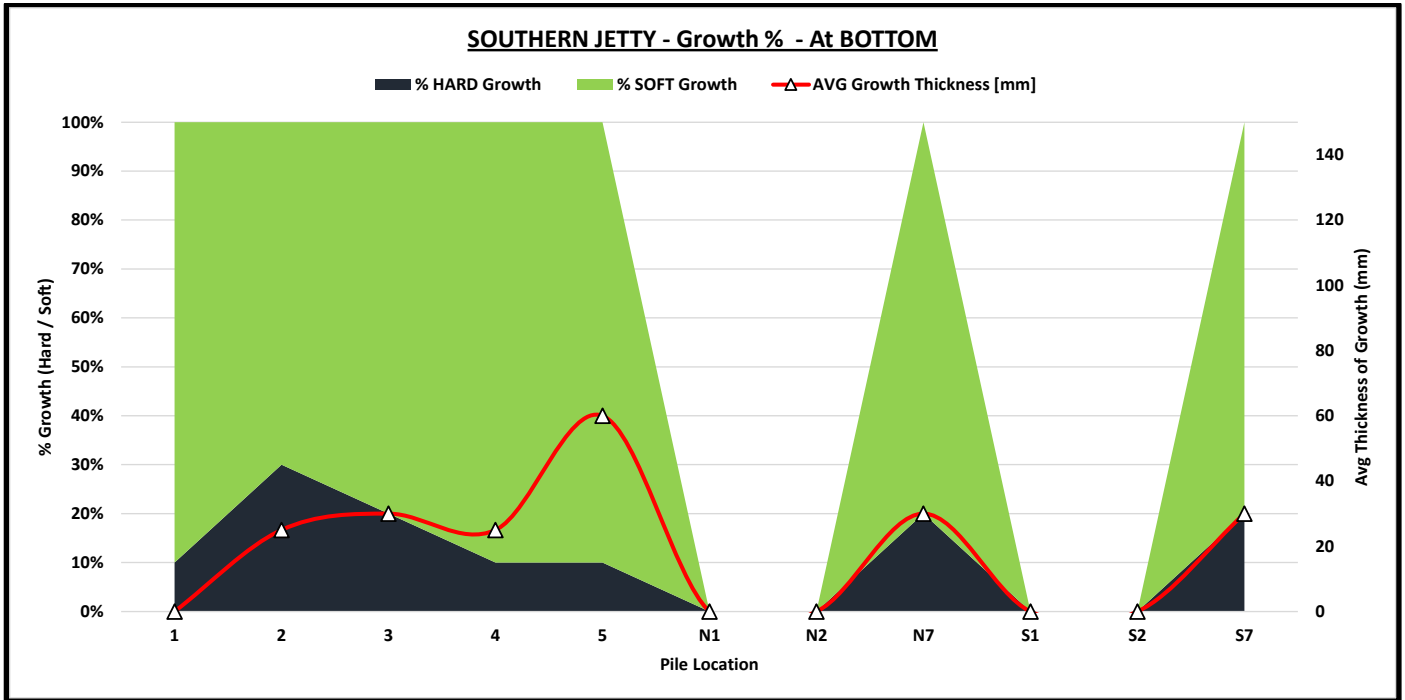
CENTRE PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
1	-	-	X		No signs of pitting or damage; plastic sleeve / cover around and over pole.
2	-	-	X		Minor pitting. Plastic cover ~ 1.5 from top down.
3	-	-	X		Anode: 75mm x 5mm x 1000mm; plastic sleeve ~ 1,5m from top down.
4	-	-	X		Anode: Depletion at base; plastic cover on top; white coating on pile; some rubble (cray/crab pots, etc.).
5	-	-	X		White coating over pole.

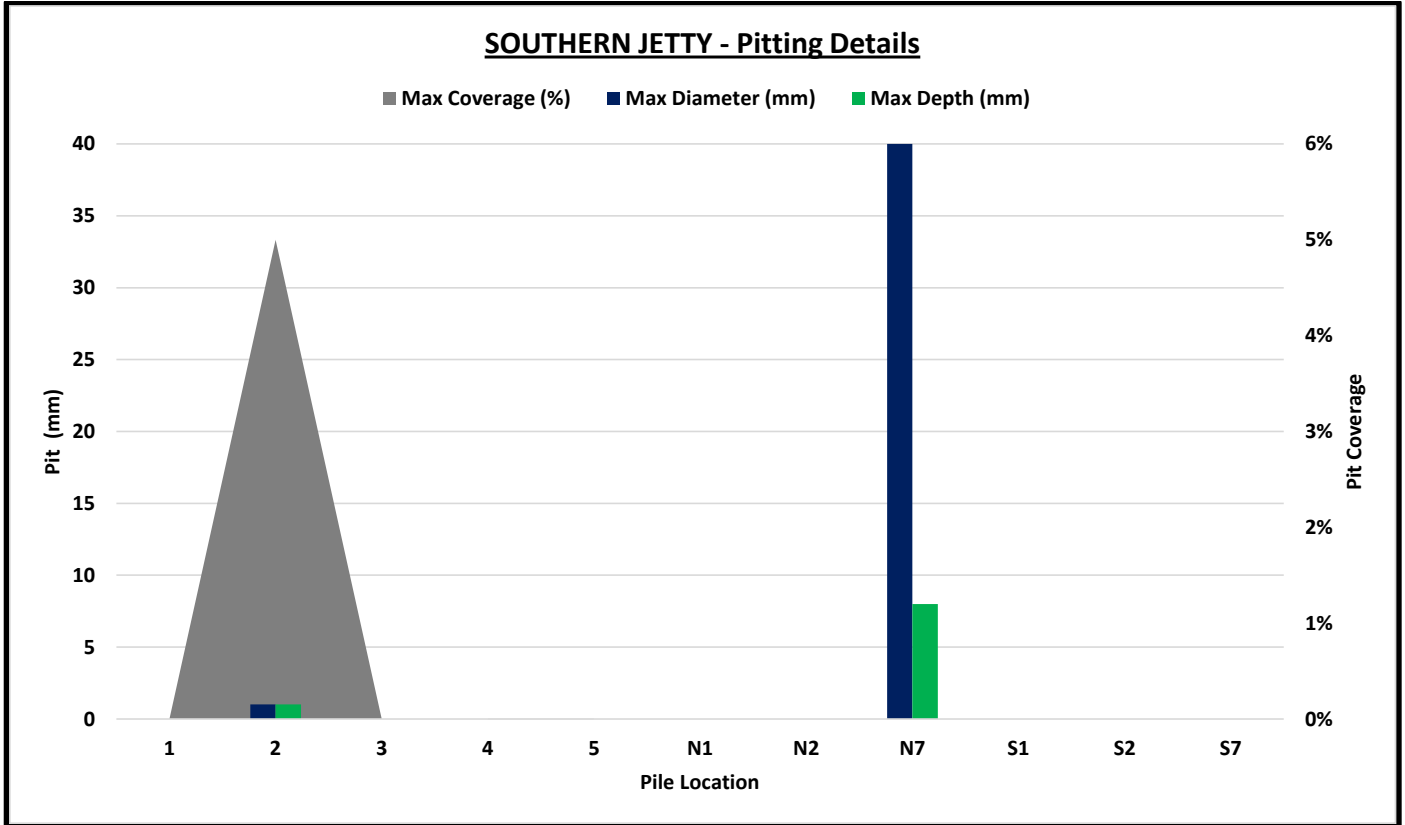
NORTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
N1	-	1.00	X		Only WT results; No Anode, Pitting and Growth information.
N2	-	1.90	X		Only WT results; No Anode, Pitting and Growth information.
N3	-	2.80		X	
N4	-	4.00		X	
N5	-	5.30		X	
N6	-	6.80		X	
N7	-	-	X		White coating only; 2 large pits; debris: car tyre, rope, crab pots.

3.3.3. Piles – Graphs

Below are graphs summarising the results of the inspected piles.







4. Recommendations and Conclusions

Below is a summary of findings and work(s) completed to-date for:

- The holes in wood piles should be filled.
- All badly degraded wood piles should be braced either with steel or an epoxy filled wrap.
- All holes in steel piles should be plated with a 6-8mm thick patch +200% size of the hole.
- The berth structural piles (being round), show pitting at the seabed and in various position in the subsurface areas. It is recommend that they are treated with a pile remediation system such as DENSO series 80, 100 or 200.
- Worn eye bolts should be replaced.
- All debris should be collected from around the berth.

NORTHERN JETTY

- Pile S1: Deterioration at water level.
- Pile S6: Bad deterioration.
- Pile S7: Hollow section above splash zone; delamination on outer layer.
- Pile S8: Hollow section 1m below surface.
- Pile N3: Rotten at base and hollow through middle.
- Pile N5.2: Hollow at water level; outer layer.
- Pile N6: Deterioration of outer layer with 30 mm hole at water level.

MIDDLE JETTY

- Missing one (1) Fender at east side of wharf (south direction).
- Pile S4: On severe angle and rotten.
- Pile S7: Rotten around splash zone.

SOUTHERN JETTY

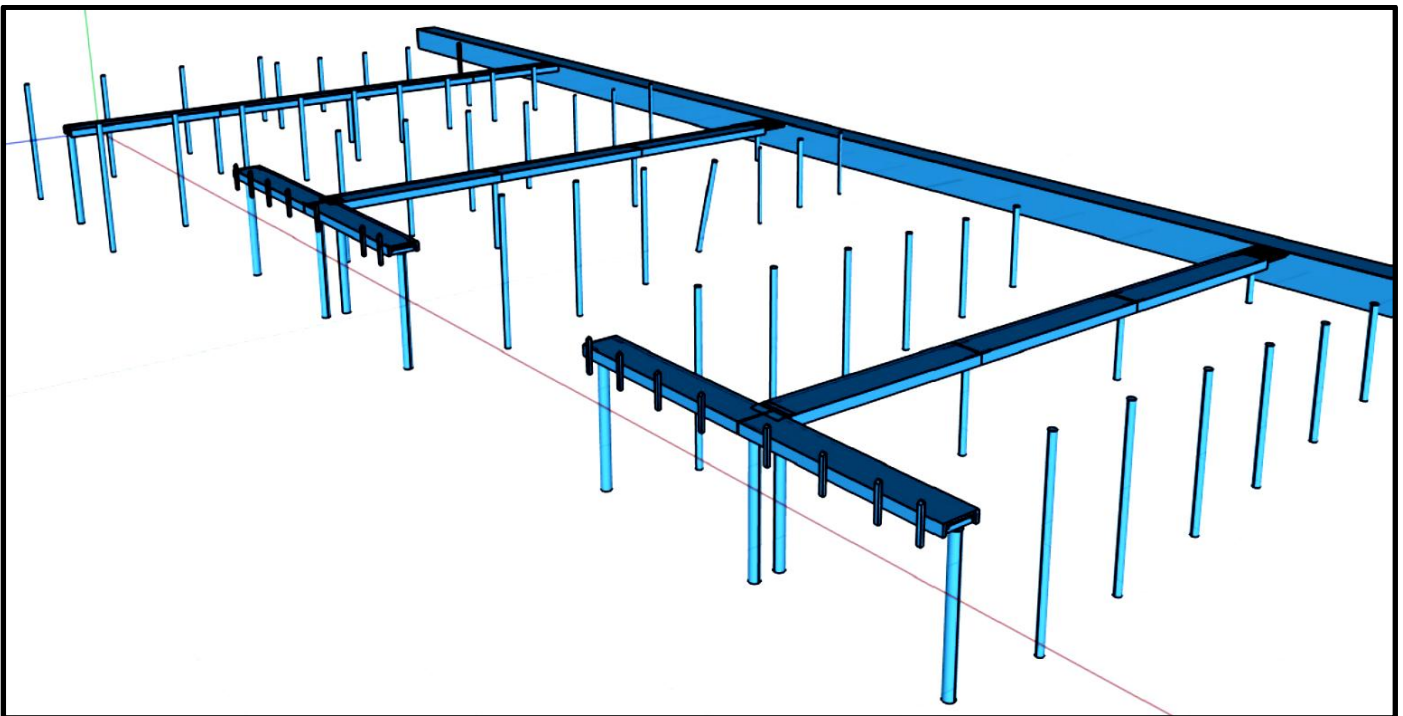
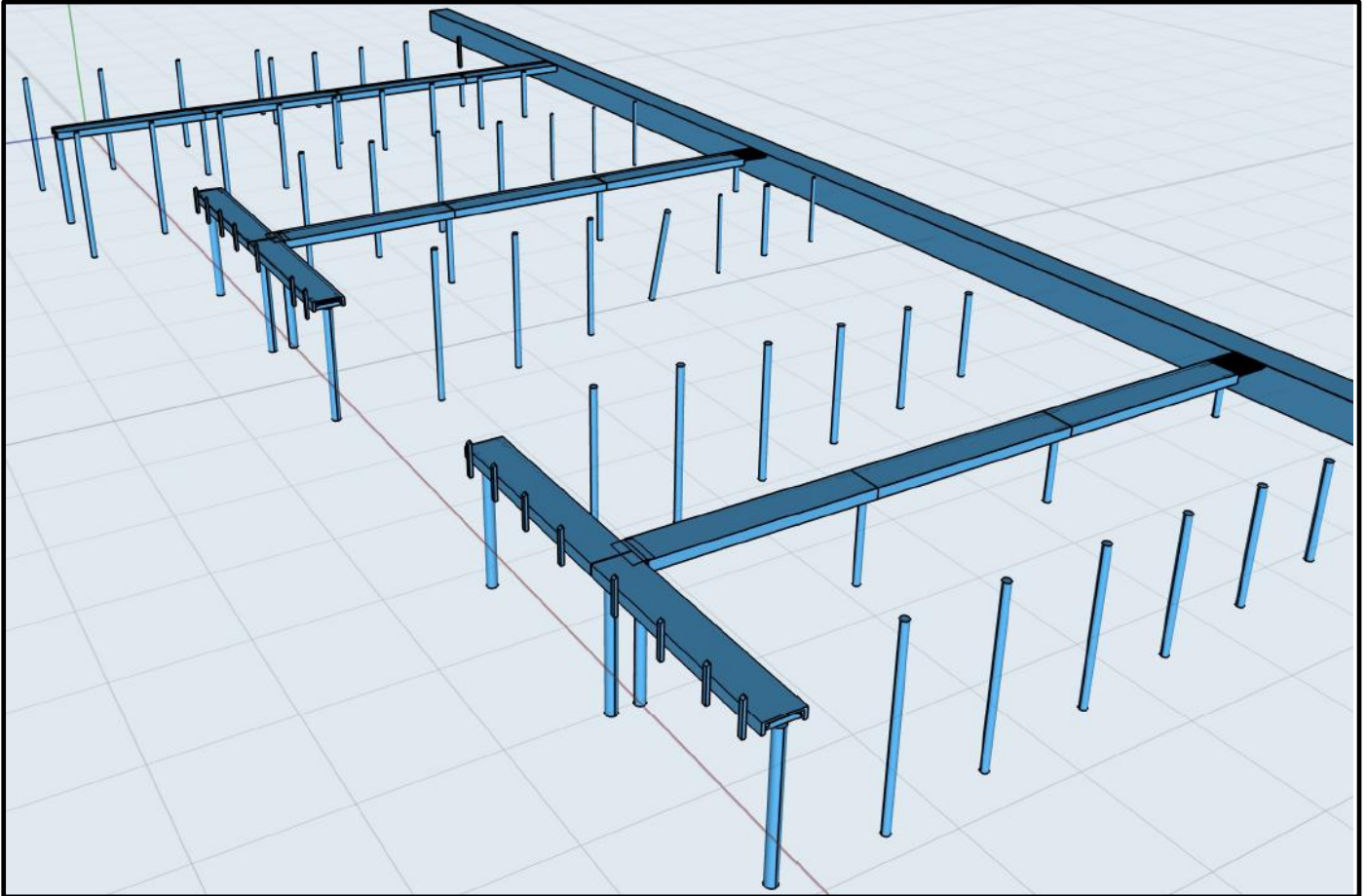
- Pile 2: Minor pitting
- Pile 4: Anode depletion at base.
- Pile N7: Two (2) large pits and debris.



APPENDIX 1 – 3D Visual Representation of Jetties

Note: The 3D visual representation drawings are to be used only as a guide for reference purposes only.

Southwest views of Jetty



APPENDIX 2 – Additional Jetty Details

Note: The details below are based on notes during the inspection(s), these may be used for additional information:

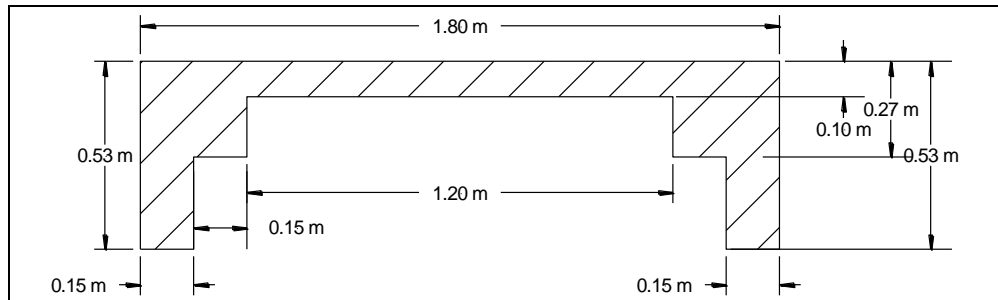
Northern Jetty:

- Width: 1.80 m
- Concrete Slab Lengths: 11m
- Slab width: 160 mm (outer); 300 mm (middle)
- Start – Gate: 8.22 m
- Thickness of slab: 0.53m (middle: 270 mm / centre 110 mm)
- Drain holes: 0.92m
- Top seat of brace: 400 m
- Support brace: 250 mm x 150 mm
- Top of brace: 1.4 m
- Brace thickness: 12 mm
- Circumference: 1.67 m
- Depth of outer pol: 6.2 m
- Pole length: 7.1 m
- Depth to top of jetty: 7.7 m
- End jetty pole #4 → north: 14.5 m
- End jetty pole #4 → south: 9.73 m
- South of jetty pole #1 → south: 8.9 m; north: 10.9 m

Southern Jetty:

- Outer wharf concrete: N = 11 m; S = 11 m; Thickness = 530mm; width = 1.8 m
- Wooden fenders: Total number =8; 190 mm x 130 mm x 1.7 m
- S → N Fender gaps: 2.5 m on each section of concrete; 800 mm in from edge

• Front face:



- Three (3) x concrete slabs, E → W: 11 m
- Wooden boards: 2.8 m
- Individual boards x 17.5 = 50 mm x 150 mm
- First join → fence: 3.6 m
- Fence out: 1.0 m
- Fence height: 1.9 m
- Fence tubing: 200 mm
- Fence → ladder: 2.35 m
- Join 1/2 → Gate #2: 900 mm – 1.8 m
- Gate # 2 → Gate # 3: 2.75 m, (900 mm for gate); 5 gates
- Edge of wharf → Fence: 300 mm

APPENDIX 3 – Piles Pictures / Photos

Jetties / Wharfs:



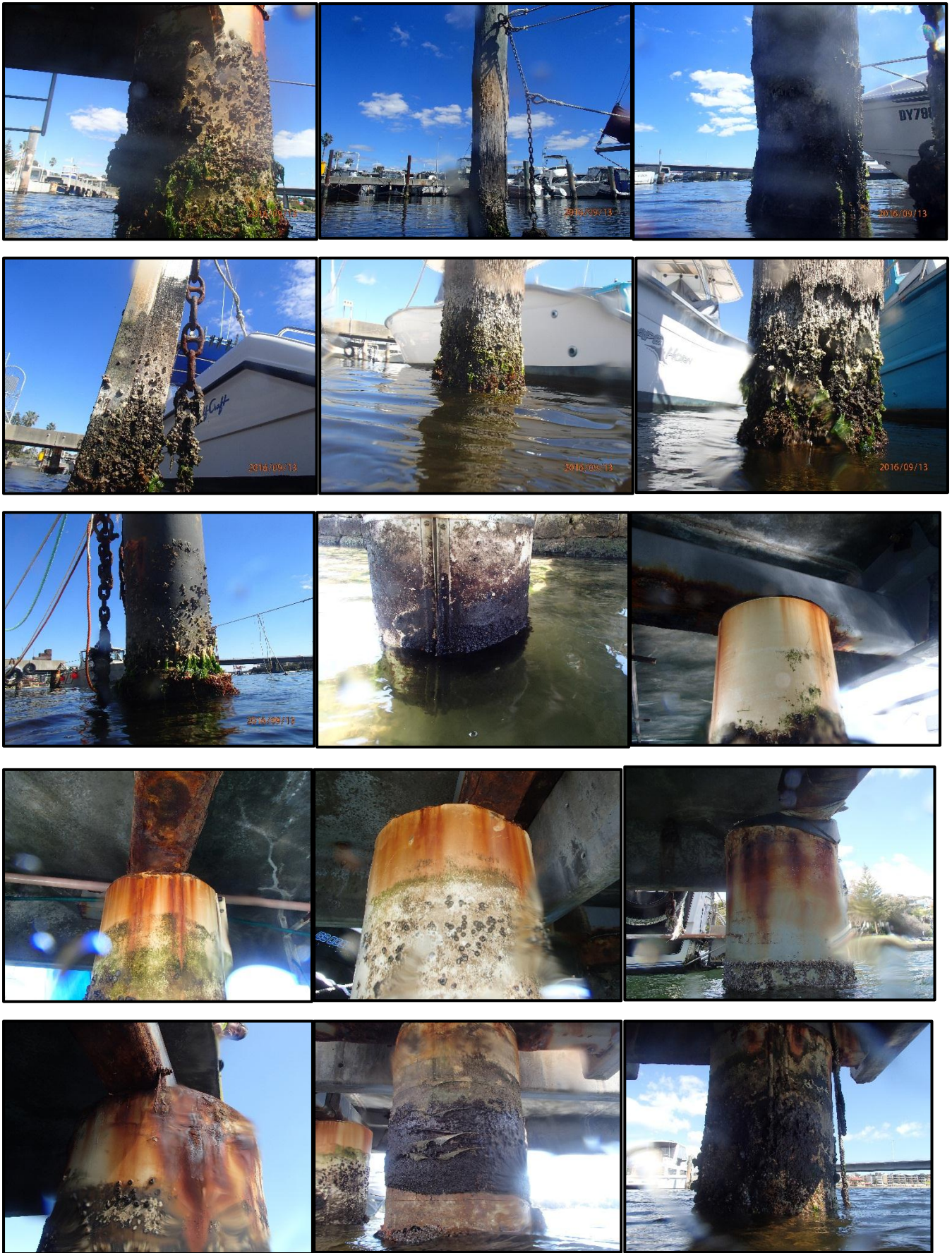
Underside:



Underside (Cont'd):



Piles:



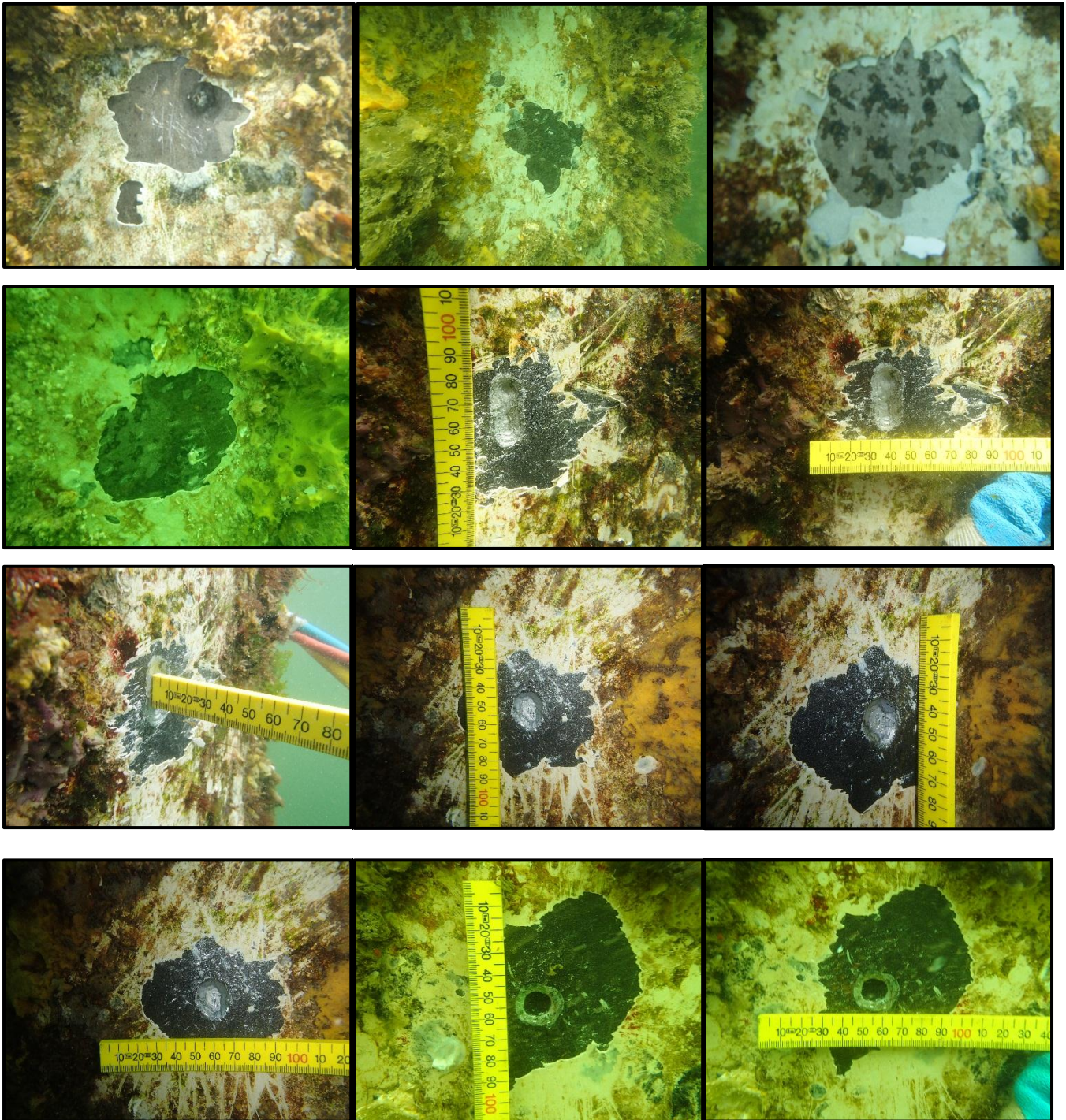
Piles (Cont'd):



Anode brackets:



Pitting and Growth:





Broken Pile:



Note: Additional photos are available upon request.

APPENDIX 4 – Onsite Pile Inspection Results

NORTHERN JETTY:

Pile Summary	Date; 20.9.16	Time; 9:30	Pile Number: 1	Bent Number;	Wharf name: Northern				SUPERVISOR: A. Larson DIVER: C. Pretorius			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	8.8	8.9	8.9	8.3	8.5	8.9	8.9	9.6				
Reading 2	8.7	8.9	8.7	8.4	8.4	8.8	8.7	9.6				
Reading 3	8.8	8.7	8.7	8.4	8.5	8.5	8.7	9.6				
Average:												
Cathodic Signature	0.655	0.656	0.655									
Anode 1												
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
Growth at the bottom	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the top	10		10	5mm								

Pile Summary	Date; 20.9.16	Time; 9:40	Pile Number: 2	Bent Number;	Wharf name: Northern Jetty				SUPERVISOR: A. Larson DIVER: C. Pretorius			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	9.4	9.6	9.5	9.4	9.2	9.4	9.2	9.2				
Reading 2	9.3	9.7	9.3	9.4	9.2	9.5	9.4	9.4				
Reading 3	9.3	9.5	9.3	9.5	9.3	9.4	9.3	9.3				
Average:												
Cathodic Signature	0.667	0.668	0.668									
Anode 1	100% Depletion	(20kg bracket welded directly onto pole)										
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm							30					
Depth mm							10 x 5					
Growth at the bottom	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the top	100	30	70	20mm	Comes away easily							

Pile Summary	Date; 20.9.16	Time; 10:00	Pile Number: 3	Bent Number;	Wharf name: Northern Jetty				SUPERVISOR: A. Larson DIVER: C. Pretorius			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	8.8	8.6	8.7	8.8	8.8	7.2	8.9	8.7	8.9	8.8	9.2	9
Reading 2	8.6	8.4	8.7	8.9	8.9	7.6	8.8	8.8	9	9	8.9	9
Reading 3	8.9	8.6	8.6	8.6	9	7.4	8.8	8.8	8.8	9	9	8.9
Average:												
Cathodic Signature	0.667	0.668	0.668									
Anode 1	100% Depletion	(20kg Bracket)										
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm					50%							
Depth mm					5 x 5							
Growth at the bottom	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the top	100%	20	80	50mm	Plastic sleeve on top							



Pile Summary	Date; 20.9.16	Time; 10:30	Pile Number: 4	Bent Number;	Wharf name: Northern Pile				SUPERVISOR: A. Larson DIVER: C. Pretorius			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	10.5	10.3	10.4	10.4	10.1	10.1	10.1	10.1	10	10.1	10.1	10.1
Reading 2	10.3	10.4	10.3	10.4	10	10	10	10.1	10	10	10.1	10
Reading 3	10.3	10.4	10.5	10.3	10.2	10.1	10.1	10.2	9.9	9.9	10.1	10.1
Average:												
Cathodic Signature	0.915	0.914	0.915									
Anode 1	60% Depletion	(20kg anode)										
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	20	80	80	White paint cover							
Growth at the top												

Pile Summary	Date; 20.9.16	Time; 11:20	Pile Number: 7	Bent Number;	Wharf name: Northern Jetty Northern Pen				SUPERVISOR: A. Larson DIVER: C. Pretorius			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.6	9.6	9.7	9.6	9.2
Reading 2	9.6	9.6	9.5	9.8	9.7	9.6	9.8	9.7	9.7	9.6	9.6	9.5
Reading 3	9.6	9.6	9.7	9.7	9.8	9.7	9.6	9.6	9.6	9.7	9.7	9.6
Average:												
Cathodic Signature												
Anode 1												
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	30	70	50mm	Denso wrap (2 layers)							
Growth at the top												

Pile Summary	Date; 20.9.16	Time; 10:50	Pile Number: 8	Bent Number;	Wharf name: Northern Jetty Northern Pen				SUPERVISOR: A. Larson DIVER: C. Pretorius			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	9.5	9.6	9	Support Brase	9.5	9.5	9.7	9.6	9.5	9.7	9.7	9.5
Reading 2	9.3	9.4	8.6		9.4	9.5	9.7	9.5	9.6	9.7	9.7	9.7
Reading 3	9.4	9.5	7.8		9.5	9.5	9.8	9.6	9.6	9.5	9.6	9.7
Average:												
Cathodic Signature	0.643	0.643	0.643									
Anode 1												
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	30	70		Support Brase							
Growth at the top	100	25	75	80mm	Denso wrap with outer coating (grease) loose in sections around top & middle							

MIDDLE JETTY:

Pile Summary	Date; 16.9.16	Time; 12:30	Pile Number: 1	Bent Number;	Wharf name: Middle				SUPERVISOR: A. Larson DIVER: C. Pretorius			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	9.1	9.3	9.2	9.2								
Reading 2	9.1	9.4	9.1	9.4								
Reading 3	9.2	9.1	9.6	9.3								
Average:												
Cathodic Signature	0.652	0.652	0.652									
Anode 1												
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	30	70	20mm								
Growth at the top	100	30	70	20mm								





East Fremantle Boat Pens – Annual Inspection Report

Pile Summary	Date: 16.9.16	Time: 12:42	Pile Number: 2	Bent Number;	Wharf name: Middle				SUPERVISOR: A. Larson DIVER: C. Pretorius			
	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Reading 1	9.5	9.8	9.5	9.6					9.6	9.8	9.7	9.8
Reading 2	9.6	9.9	9.7	9.5					9.6	9.8	9.7	9.7
Reading 3	9.5	9.8	9.6	9.5					9.6	9.9	9.8	9.9
Average:												
Cathodic Signature	0.697	0.697	0.698									
Anode 1	100% Depletion											
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	30	70	50mm								
Growth at the top	100	30	70	50mm								

Pile Summary	Date: 16.9.16	Time: 12:58	Pile Number: 3	Bent Number;	Wharf name: Middle				SUPERVISOR: A. Larson DIVER: C. Pretorius			
	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Reading 1	9	8.6	8.7	9.2					8.8	8.9	8.8	9
Reading 2	9	8.8	8.8	8.9					8.8	8.8	8.8	9
Reading 3	9.1	8.9	8.8	9.1					8.8	8.9	8.7	9
Average:												
Cathodic Signature	0.63	0.63	0.631									
Anode 1	100% Depletion											
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	20	70	50mm								
Growth at the top	100	20	70	50mm								

Pile Summary	Date: 16.9.16	Time: 13:12	Pile Number: 4	Bent Number;	Wharf name: Middle				SUPERVISOR: A. Larson DIVER: C. Pretorius			
	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Reading 1	9.5	9.7	9.7	9.6	9.7	9.6	9.7	9.6	9.7	9.6	9.7	9.5
Reading 2	9.5	9.6	9.7	9.6	9.6	9.6	9.6	9.7	9.6	9.7	9.7	9.8
Reading 3	9.6	9.6	9.7	9.6	9.6	9.5	9.6	9.6	9.6	9.6	9.7	9.7
Average:												
Cathodic Signature	0.698	0.698	0.698									
Anode 1	100% Depletion											
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm	0	0	0	0	0	0	0	0				
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	30	70	80mm								
Growth at the top	100	30	70	80mm								

Pile Summary	Date: 16.9.16	Time: 13:30	Pile Number: 5	Bent Number;	Wharf name: Middle				SUPERVISOR: A. Larson DIVER: C. Pretorius			
	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Reading 1	9.6											
Reading 2	9.5											
Reading 3	9.7											
Average:												
Cathodic Signature	0.947	0.947	0.947									
Anode 1	30% Depletion											
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm												
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom												
Growth at the top	100	20	80	50mm								





Pile Summary	Date; 16.9.16		Time; 13:55		Pile Number: 8-S	Bent Number;	Wharf name: Middle				SUPERVISOR: A. Larson DIVER: C. Pretorius			
	Bot North	Bot East	Bot South	Bot West			Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Reading 1	9.1	9.1	9.2	9.1	8.9	9.1	9.1	9	8.9	8.9	9.1	9.2		
Reading 2	9.1	9	9.2	9	9.1	9	9.1	9	9	9	9.2	9.2		
Reading 3	9.1	9.1	9.2	9.1	8.9	9.1	9.1	9	9.1	9.1	9.2	9.2		
Average:														
Cathodic Signature	0.722	0.723	0.723											
Anode 1	100% Depletion													
Anode 2														
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West		
Diameter mm														
Depth mm														
	coverage	% Hard	% soft	avg thickness	Comments									
Growth at the bottom	100	30	70	150mm										
Growth at the top	100	30	70	50mm										

Pile Summary	Date; 16.9.16		Time; 14:15		Pile Number: 8-N	Bent Number;	Wharf name: Middle				SUPERVISOR: A. Larson DIVER: C. Pretorius			
	Bot North	Bot East	Bot South	Bot West			Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Reading 1	9.6	9.7	9.7	9.6	9.4	9.5	9.5	9.4	9.4	9.4	9.5	9.4		
Reading 2	9.7	9.6	9.7	9.6	9.5	9.4	9.4	9.4	9.5	9.4	9.4	9.4		
Reading 3	9.7	9.6	9.6	9.5	9.5	9.5	9.5	9.5	9.4	9.5	9.4	9.4		
Average:														
Cathodic Signature	0.957	0.957	0.657											
Anode 1	40% Depletion	(20kg anode)												
Anode 2														
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West		
Diameter mm														
Depth mm														
	coverage	% Hard	% soft	avg thickness	Comments									
Growth at the bottom	100	20	80	40mm										
Growth at the top	100	20	80	100mm										

N1	8.6	8.6	0.666
	8.6	8.6	0.666
	8.7	8.6	0.665
N2	8.7	8.6	0.655
	8.6	8.6	0.655
	8.7	8.6	0.655
N3	8.7	8.6	0.655
	8.6	8.6	0.655
	8.7	8.7	0.655
Northern Pen			

SOUTHERN JETTY:

Pile Summary	Date; 16.9.16		Time; 10:05		Pile Number: 1	Bent Number;	Wharf name: Southern				SUPERVISOR: A. Larson DIVER: S. Ducie			
	Bot North	Bot East	Bot South	Bot West			Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
					Close to shore									
Reading 1				10.2										
Reading 2				9.9										
Reading 3				10.1										
Average:														
Cathodic Signature				0.575										
Anode 1														
Anode 2														
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West		
Diameter mm														
Depth mm														
	coverage	% Hard	% soft	avg thickness	Comments									
Growth at the bottom	100	10	90		No signs pitting or damage									
Growth at the top														
					Plastic sleeve around pole									



Pile Summary	Date; 16.9.16	Time;	Pile Number: 2	Bent Number;	Wharf name: Southern				SUPERVISOR: A. Larson DIVER: S. Ducie			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	9.3	9.2	9.2	9.4					9.2	9.3	9.2	9.3
Reading 2	9.4	9.3	9.3	9.2					9.2	9.3	9.2	9.4
Reading 3	9.2	9	9.4	9.1					9.2	9.3	10.2	9.3
Average:												
Cathodic Signature		0.643	0.608	0.643								
Anode 1	100% Depleted											
Anode 2												
Pitting %	0	0	0	0					5%			
Diameter mm									1m			
Depth mm									1m			
Growth at the bottom	100	30	70	20-30mm								
Growth at the top	100	30	70	20-30mm								

Pile Summary	Date; 16.9.16	Time; 10:20	Pile Number: 3	Bent Number;	Wharf name: Southern				SUPERVISOR: A. Larson DIVER: S. Ducie			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	9.3	9.4	9.4	9.2					9.2	9.3	9.2	9.2
Reading 2	9.2	9.2	9.6	9.3					9.2	9.5	9.2	9.2
Reading 3	9.3	9.4	9.5	9.4					9.2	9.4	9.2	9.4
Average:												
Cathodic Signature	0.639	0.635	0.639									
Anode 1			100% Depleted - 75mm x 5mm x 1000mm									
Anode 2												
Pitting %	0	0	0	0					0	0	0	0
Diameter mm												
Depth mm												
Growth at the bottom	100	20	80	20-40mm								
Growth at the top	100	20	80	20-30mm								

Pile Summary	Date; 16.9.16	Time; 10:35	Pile Number: 4	Bent Number;	Wharf name: Southern				SUPERVISOR: A. Larson DIVER: S. Ducie			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	10.2	10.2	10.1	10.2	10.1	10.1	10.4	10.3	10.2	10.2	10.3	10.2
Reading 2	10.1	10.2	10.2	10.3	10	10.2	10.2	10.4	10.2	10.3	10.3	10.3
Reading 3	10.2	10.4	10.1	10.2	10.2	10.3	10.1	10.2	10.2	10.3	10.2	10.4
Average:												
Cathodic Signature	0.921	0.921	0.921									
Anode 1	~20% Depletion @ base											
Anode 2												
Pitting %	0	0	0	0	0	0	0	0	0	0	0	0
Diameter mm												
Depth mm												
Growth at the bottom	100	10	90	20-30m								
Growth at the top	100	10	90	20-30m								
	Plastic cover on top.											
	White coating on pile.											
	Some rubble (cray/crab pots etc.)											

Pile Summary	Date; 16.9.16	Time;	Pile Number: 5	Bent Number;	Wharf name: Southern				SUPERVISOR: A. Larson DIVER: S. Ducie			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	10.4	10.4	10.5	10.4	10.3	10.4	10.3	10.3	10.4	10.4	10.3	10.3
Reading 2	10.5	10.5	10.3	10.3	10.4	10.5	10.3	10.4	10.2	10.3	10.2	10.4
Reading 3	10.3	10.4	10.4	10.4	10.4	10.2	10.4	10.4	10.4	10.2	10.3	10.2
Average:												
Cathodic Signature	0.946	0.946	0.949									
Anode 1	20% Depletion											
Anode 2												
Pitting %	0	0	0	0	0	0	0	0	0	0	0	0
Diameter mm												
Depth mm												
Growth at the bottom	100	10	90	60mm								
Growth at the top	100	20	80	40mm								





Pile Summary	Date; 16.9.16	Time; 11:05	Pile Number: 7-S	Bent Number;	Wharf name: Southern				SUPERVISOR: A. Larson DIVER: S. Ducie			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	9.3	9.4	9.4	9.4	9.6	9.3	9.5	9.5	9.4	9.4	9.5	9.6
Reading 2	9.4	9.5	9.2	9.5	9.5	9.2	9.4	9.6	9.5	9.4	9.6	9.5
Reading 3	9.4	9.5	9.5	9.5	9.5	9.1	9.5	9.6	9.4	9.4	9.5	9.4
Average:												
Cathodic Signature	0.651	0.651	0.656									
Anode 1	100% Depletion											
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm									0	0	0	0
Depth mm												
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	20	80	30mm								
Growth at the top	100	30	70	30mm								
	White coating only											
	Debris (tyre, rope)											

Pile Summary	Date; 16.9.16	Time; 11:20	Pile Number: 7-N	Bent Number;	Wharf name: Southern				SUPERVISOR: A. Larson DIVER: S. Ducie			
					Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West
Reading 1	8.5	8.6	8.5	8.5	8.6	8.7	8.7	8.8	8.7	8.6	8.6	8.7
Reading 2	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.6	8.7	8.7
Reading 3	8.6	8.7	8.3	8.5	8.5	8.8	8.6	8.7	8.6	8.7	8.8	8.8
Average:												
Cathodic Signature	0.65	0.65	0.65									
Anode 1	100% Depletion											
Anode 2												
Pitting %	Bot North	Bot East	Bot South	Bot West	Mid North	Mid East	Mid South	Mid West	Top North	Top East	Top South	Top West
Diameter mm						14mm-25mm			40 x 20	20mm		
Depth mm						8mm			3--5	3-5mm		
	coverage	% Hard	% soft	avg thickness	Comments							
Growth at the bottom	100	20	80	30mm								
Growth at the top	100	20	80	15mm								

	E	S	W	N
Pole 1 S	9	8.9	8.9	8.9
	9.1	9	9	9
	9.1	9	9	9.1
Pole 2 S	9	9	9.1	8.9
	9	9	9.1	9
	9.1	9.1	9.1	9.1
Pole 2 N	9.6	9.7	9.6	9.7
	9.4	9.8	9.7	9.7
	9.4	9.7	9.6	9.6
Pole 1 N	9	8.9	8.9	8.9
	9	9	9	9
	9	9	9	9

North and South Pen

Note: References to Pile Numbers / locations from the on-site inspection results may differ from the main report as these may have been updated to accurately reflect the correct and updated location references.

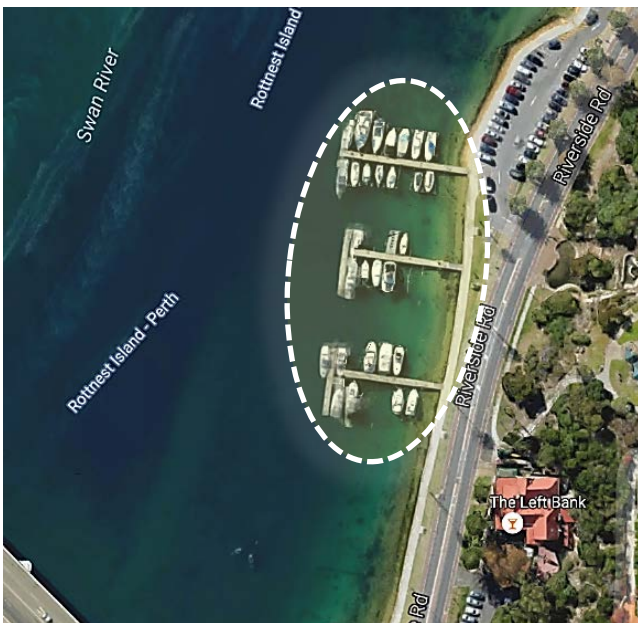


2016

MAINTENANCE Schedule
for Three (3) JETTIES / PENS in
EAST FREMANTLE

For

Town of East
Fremantle



Revision: 0

Report Issued: 26 October 2016

Prepared by: Michael Gray



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1. Introduction

Also refer to the 'Jetty Inspection Report' submitted on 24th October 2016 for additional information on pile locations and the survey inspection results.

This report is based on the survey inspection results and collected to form recommendations and observations for a maintenance program / schedule.

2. Maintenance Schedule of FINDINGS and RESULTS

The schedule could be space over several financial years with the following as a priority rating;

- structural piles a priority
- eyebolts
- then the satellite piles

2.1. NORTHERN JETTY / PEN - Maintenance

PILE No.	UT Wall Thickness			CP Potential (-V)			ANODE	Pitting			GROWTH							
	[mm]			Reading #			Depletion	Coverage	Diameter	Depth	At Bottom				At Top			
	Min	Max	Avg	1	2	3	%	Max [%]	Max [mm]	Max [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]
1	8.3	9.6	8.79	0.655	0.656	0.655	0%	0%	0	0	10%	0%	10%	5	0%	0%	0%	0
2	9.2	9.7	9.38	0.667	0.668	0.668	100%	30%	10	2	100%	30%	70%	20	0%	0%	0%	0
3	7.2	9.2	8.71	0.667	0.668	0.668	100%	50%	5	5	100%	20%	80%	50	0%	0%	0%	0
4	9.9	10.5	10.17	0.915	0.914	0.915	60%	0%	0	0	100%	20%	80%	80	0%	0%	0%	0
N7	9.2	9.8	9.64	0.000	0.000	0.000	0%	0%	0	0	100%	30%	70%	50	0%	0%	0%	0
N8	7.8	9.8	9.47	0.643	0.643	0.643	0%	0%	0	0	100%	30%	70%	0	100%	25%	75%	80

Note: Northern Pen

SOUTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
S1	1.08	1.40		X	Solid; Deterioration on water level – down.
S2	1.02	2.10		X	100% growth (10% hard, 40mm); Solid.
S3	1.15	2.10		X	
S4	1.15	2.60		X	
S5	1.23	3.50		X	
S6	1.28	4.40		X	Bad deterioration.
S7	1.33	5.30		X	Hollow section above splash zone; delamination of outer layer.
S8	1.06	6.30		X	Hollow section 1m below surface.
S9	1.30	7.20		X	Mussel growth.

CENTRE PENS	Circum.	Depth	Steel	Wood	Comments
	[mm]	[m]			
1	1.15	1.25	X		100 % Growth (30% HARD, 30mm); Cofferdam on top.
2	1.27	2.10	X		Cofferdam in top of pole; Anode: 20kg bracket welded directly onto pole; Growth: Comes away easily.
3	1.20	3.50	X		Anode: 20kg bracket; cofferdam in top of pole; Plastic sleeve on top
4			X		Anode: 20kg; white paint cover at bottom.

NORTH PENS	Circum.	Depth	Steel	Wood	Comments
	[mm]	[m]			
N1	0.62	1.20		X	Square (150mm X 160mm); 3/4 of wood rotten; held together by steel cable.
N2	1.07	1.30		X	Solid.
N3	1.05	1.30		X	Rotten at base and hollow through middle.
N4	1.30	1.50		X	Solid.
N5.1	1.13	1.90		X	Solid.
N5.2	1.15	1.90		X	Hollow at water level, outer layer.
N6	1.35	1.65		X	Deterioration: Outer layer, 30mm hole at water level.
N7	1.05	3.90	X		Bottom: Denso wrap (2 layers).
N8	1.05	5.60	X		Steel: 60 % cover; 100% growth (10 % hard); also cement; Bottom: Support brace; Top: Denso wrap without coating (grease) loose in sections around top & middle.

2.2. MIDDLE JETTY / PEN - Maintenance

PILE No.	UT Wall			CP Potential (-V)			ANODE	Pitting			GROWTH							
	[mm]			Reading #			Depletion	Coverage	Area	Depth	At Bottom				At Top			
	Min	Max	Avg	1	2	3	%	Max [%]	Max [mm]	Max [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]
1	9.1	9.6	9.25	0.652	0.652	0.652	0%	0%	0	0	100%	30%	70%	20	100%	30%	70%	20
2	9.5	9.9	9.68	0.697	0.697	0.698	100%	0%	0	0	100%	30%	70%	50	100%	30%	70%	50
3	8.6	9.2	8.88	0.630	0.630	0.631	100%	0%	0	0	100%	25%	75%	50	100%	25%	75%	50
4	9.5	9.8	9.63	0.698	0.698	0.698	100%	0%	0	0	100%	30%	70%	80	100%	30%	70%	80
5	9.5	9.7	9.60	0.947	0.947	0.947	30%	0%	0	0	0%	0%	0%	0	100%	20%	80%	50
N1	8.6	8.7	8.62	0.666	0.666	0.665												
N2	8.6	8.7	8.63	0.655	0.655	0.655												
N3	8.6	8.7	8.65	0.655	0.655	0.655												
N8	9.4	9.7	9.51	0.957	0.957	0.657	40%	0%	0	0	100%	20%	80%	40	100%	20%	80%	100
S8	8.9	9.2	9.08	0.722	0.723	0.723	100%	0%	0	0	100%	30%	70%	150	100%	30%	70%	50

Notes: **N** Northern Pen; **S** Southern Pen

SOUTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
S1	1.00	1.40	X		
S2	0.90	1.90		X	
S3	1.00	2.10			Poly type material (not steel / wood).
S4	1.20	2.70		X	On severe Angle and rotten.
S5	1.20	4.00		X	
S6	1.20	5.60		X	
S7	1.20	6.80		X	Rotten around splash zone
S8	2.12	7.90	X		Anode: 20 kg

CENTRE PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
1	1.70	1.18	X		
2	0.98	2.40	X		

3	1.10	4.30	X		
4	1.70	7.40	X		Top: Grease wrap.
5	1.80	8.00	X		Plastic Sleeve.

NORTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
N1	0.98	1.60	X		WT and CP results; no Pitting and Growth information.
N2	0.99	1.90	X		WT and CP results; no Pitting and Growth information.
N3	0.99	2.10	X		WT and CP results; no Pitting and Growth information.
N4	1.20	2.90		X	
N5	1.20	4.00		X	
N6	1.10	5.20		X	
N7	1.10	6.20		X	
N8	1.70	7.90	X		Anode: 20 kg

2.3. SOUTHERN JETTY / PEN - Maintenance

PILE No.	UT Wall Thickness			CP Potential (-V)			ANODE	Pitting			GROWTH							
	[mm]			Reading #			Depletion	Coverage	Diameter	Depth	At Bottom				At Top			
	Min	Max	Avg	1	2	3	%	Max [%]	Max [mm]	Max [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]	Coverage %	% Hard	% Soft	Avg Thickness [mm]
1	9.9	10.2	10.07	0.575			0%	0%	0	0	100%	10%	90%	0	0%	0%	0%	0
2	9.0	10.2	9.30	0.643	0.608	0.643	100%	5%	1	1	100%	30%	70%	25	100%	30%	70%	25
3	9.2	9.6	9.31	0.639	0.635	0.639	100%	0%	0	0	100%	20%	80%	30	100%	20%	80%	25
4	10.0	10.4	10.22	0.921	0.921	0.921	20%	0%	0	0	100%	10%	90%	25	100%	10%	90%	25
5	10.2	10.5	10.35	0.946	0.946	0.949	20%	0%	0	0	100%	10%	90%	60	100%	20%	80%	40
N1	9.4	9.8	9.63															
N2	8.9	9.0	8.98															
N7	8.3	8.8	8.64	0.650	0.650	0.650	100%	1%	40	8	100%	20%	80%	30	100%	20%	80%	15
S1	8.9	9.1	9.00															
S2	8.9	9.1	9.04															
S7	9.1	9.6	9.44	0.651	0.651	0.656	100%	0%	0	0	100%	20%	80%	30	100%	30%	70%	30

SOUTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
S1	-	1.70	X		Only WT results. No CP, Pitting and Growth results.
S2	-	2.30	X		Only WT results. No CP, Pitting and Growth results.
S3	-	3.40		X	
S4	-	4.90		X	
S5	-	5.80		X	
S6	-	6.80		X	
S7	-	-	X		White coating only; debris: tyre, rope.

CENTRE PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
1	-	-	X		No signs of pitting or damage; plastic sleeve / cover around and over pole.
2	-	-	X		Minor pitting. Plastic cover ~ 1.5 from top down.
3	-	-	X		Anode: 75mm x 5mm x 1000mm; plastic sleeve ~ 1,5m from top down.



4	-	-	X	Anode: Depletion at base; plastic cover on top; white coating on pile; some rubble (cray/crab pots, etc.).
5	-	-	X	White coating over pole.

NORTH PENS	Circum.	Depth	Steel	Wood	Comments
	[m]	[m]			
N1	-	1.00	X		Only WT results; No Anode, Pitting and Growth information.
N2	-	1.90	X		Only WT results; No Anode, Pitting and Growth information.
N3	-	2.80		X	
N4	-	4.00		X	
N5	-	5.30		X	
N6	-	6.80		X	
N7	-	-	X		White coating only; 2 large pits; debris: car tyre, rope, crab pots.

3. Recommendations and Conclusions

Below is a summary of findings and work(s) completed to-date for:

- This inspection should be performed on an annual basis using the same criteria to accumulate information over the life of the structure and to identify issues to implement preventive maintenance prior to an event.
 - Cost of annual inspection on contract would be **\$10,500 per year** (with base data the cost is reduced from initial inspection).
 - The information should be collated in years with graphs and data depicting any change in conditions
 - The inspection criteria should be implemented in to a structural assessment to be followed yearly to insure the accuracy of the information, this with improve the collation as above.
- The holes in wood piles should be filled. Identified as;

S1 - S6 - S7 - S8 - N1 - N3 - N5.2 -N6

 - This would be a process of HP water blasting the pile to remove the rotten wood.
 - Fibre wrapping the void area around the pile to form up for filling
 - Inject an epoxy grout into the void. \$2,800 per pile approximately **\$22,400 to complete**
- All badly degraded wood piles should be braced either with steel or an epoxy filled wrap. Identified as;

S6 - S7 - N1 - N3 - N6

 - This is a process of preventative maintenance to avoid piles snapping.
 - Pre drilled and galvanised PFC bracing with 20mm gal through bolts \$3,200 per pile approximately **\$16,000 to complete**



The other option would be to remove and re-pile with steel 350mm diameter at a cost of \$5,900 per pile if all done in the same day. The piles are non-structural satellite piles but are integral to mooring of the vessels. The operation would involve; the vessels would have to be moved and existing piles cut off at seabed, approximately **\$29,500 to complete**

- All deep pitting in the base or length of exposed steel piles should be plated with a 6-8mm thick patch +200% size of the hole. The identified pile are;
South structure: N7 - N2 - C4
 - Prep the steel
 - Wet stick weld the doubling plate onto the area.
 - Denso wrap the area.
 - The cost would be on average \$1,200 per section, **approximate cost of \$3,600**
- The berth structural piles (being round), show pitting at the seabed and in various position in the subsurface areas. It is recommend that they are treated with a pile remediation system such as DENSO series 80, 100 or 200. ***This is highly recommended for extension of pile life***
There are 19 structural piles that require protective coating to be installed with some requiring old degraded coating removed. With a total of 76m of wrapping required
 - Remove the new anode temporarily
 - This would be a 100% clean with HP water blaster
 - Prep the pitting with Denso void grease
 - Wrap the piles (over and around but exposing the anode studs)
 - Replace the anode
 - Cost would be \$285 per meter with the 80 series, with an **approximate cost of \$21,660**
- Worn eye bolts should be replaced. 17 were identified as below standards
 - Berthing lines temporarily removed tied off in a safe manner out of the way
 - The old bolts a cut with the oxyacetylene torch
 - New eye bolts installed
 - Running and berthing lines replaced
 - Cost would be \$389 per eye bolt installed **approximate cost of \$6,613**
- All debris should be collected from around the berth. This is all pens on all structures, it would take a day with disposal either at cost +10% with a transport fee, of \$200 or we meet a COEF rubbish truck at the boat ramp. **Cost would be \$2950** for a full seabed clearance within the structural footprint.

Main anomalies noted.**NORTHERN JETTY**

- Pile S1: Deterioration at water level.
- Pile S6: Bad deterioration.
- Pile S7: Hollow section above splash zone; delamination on outer layer.
- Pile S8: Hollow section 1m below surface.
- Pile N3: Rotten at base and hollow through middle.
- Pile N5.2: Hollow at water level; outer layer.
- Pile N6: Deterioration of outer layer with 30 mm hole at water level.

MIDDLE JETTY

- Missing one (1) Fender at east side of wharf (south direction).
- Pile S4: On severe angle and rotten.
- Pile S7: Rotten around splash zone.

SOUTHERN JETTY

- Pile 2: Minor pitting
- Pile 4: Anode depletion at base.
- Pile N7: Two (2) large pits and debris.





Community Assistance Grants Program
Community Grants Advisory Group Meeting
Council Chambers, Town Hall, 135 Canning Highway, East Fremantle

Monday 24 October 2016 6.00pm

MEETING NOTES

ATTENDANCE:

Mayor Jim O'Neill
Cr Andrew McPhail
John Chisholm, Community Member
Suzi Nelson, Community Member
Gary Tuffin, Chief Executive Officer
Wendy Cooke, Project Coordinator

WELCOME

Mayor O'Neill welcomed attendees and thanked them for making the time to be part of the Community Grants Advisory Group. The Mayor provided some background about the program and thanked the Chief Executive Officer for developing the program.

ASSESSMENT OF SUBMISSIONS

the advisory group members assessed and discussed the applications received from the following groups:

1. 1st Fremantle Sea Scouts
2. East Fremantle Lawn Tennis Club
3. East Fremantle Junior Cricket Club
4. East Fremantle Bowling Club

RECOMMENDATION:

It was agreed that the Community Grants Advisory Group recommend that Council:

1. fund the following grant applications:
 - 1st Fremantle Sea Scouts - \$975
 - East Fremantle Lawn Tennis Club - \$1,000
 - East Fremantle Junior Cricket Club - \$3,000
 - East Fremantle Bowling Club - \$910.80
2. advertise the Community Grants Assistance Program for a second time this financial year to encourage more eligible community and sporting groups to make a submission.

MEETING CLOSE

The meeting closed at 6:30pm.



Town of East Fremantle

Community Assistance Grants and Sponsorship Funding

2016/17 GUIDELINES

NOTICE TO ALL APPLICANTS

Please ensure that you have read and understood these guidelines before you complete your application for funding. Failure to meet any of these guidelines may result in your application for funding being ruled ineligible.

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GRANT GUIDELINES

Each financial year Council invite community-based, not-for-profit organisations in the Town of East Fremantle to submit a **Community Assistance Grant / Sponsorship Application** to Council for consideration for inclusion in the annual budget.

“Community Assistance Grants” refers to funding towards infrastructure and equipment. Examples of this type of funding are uniforms or equipment.

“Sponsorships” refers to funding towards events, projects (annual or one off), Community Bus use and Photocopying/Printing.

GENERAL

1. Consideration will be given to priority areas, not limited to, emergency services, education, youth, sports, recreation, heritage and culture within the Town of East Fremantle.
2. Only one application per organisation per event/project per annum, will be assessed.
3. The applicant organisation must operate from the Town of East Fremantle and beneficiaries must be residents of the Town of East Fremantle. If managed by an outside group, demonstrated evidence that a high percentage of members/users reside in the Town of East Fremantle must be included in the application.
4. Only groups who can demonstrate that they are not-for-profit community organisations will be considered eligible for funding.
5. Community Grants will be paid in accordance with the conditions outlined in the grant approval acknowledgement, but generally the following will be required:
 - a. The provision of a written report providing details of the completed project, with photographs included if possible; and
 - b. The provision of a tax invoice, with proof of purchase, in the form of receipts for payment.
6. Sponsorships for events will be paid in accordance with the conditions outlined in the sponsorship approval acknowledgment, but generally the following will be required:
 - a. The provision of a tax invoice.
 - b. After the event, the provision of a written report providing details of the completed event, including receipts. Unspent funds may require repayment.
7. Sponsorship for the Community Bus and Printing/Photocopying will be paid in accordance with the conditions outlined in the sponsorship approval acknowledgement, but generally the following will apply:
 - a. Community Bus Use or Printing/Photocopying expenditure will be allocated as per Council’s Fees and Charges and applied to remaining funding.
8. It is recommended that you contact the Town of East Fremantle to discuss your application prior to submitting it.

FUNDING AMOUNTS & REQUIREMENTS

- Funding of up to \$5,000 will be considered for Community Assistance Grants.
- Funding of up to \$3,000 will be considered for Sponsorship Funding.
- For funding requests over \$1,000, a copy of your group's current financial statement **must** be attached.
- For applications with expenses over \$500, copies of quotes **must** be attached to the application. Failure to do so may mean a delay in payment of sponsorship or a reduction in allocated funding.
- Council contributions will generally be limited to:

\$0 - \$1,000	100% funded
\$1,001 - \$3,000	50% matching contribution (dollar for dollar up to \$3,000)
\$3,001 - \$5,000	1/3 matching contribution
- The value of in-kind work undertaken by volunteers may not exceed one third of the completed value of the project. The voluntary work should be described and valued at a rate of \$20 per hour (generally \$15 per hour for unskilled works and \$20 per hour for skilled labour).

RETROSPECTIVE FUNDING

No application for retrospective projects will be considered as part of this grant/funding scheme. Projects may not materially commence before the announcement of successful applicants.

FUNDING AGREEMENT

If your organisation is successful in gaining grant assistance it will be expected to enter into a funding agreement. This will require the organisation to:

1. Adhere to the project budget as stated in the application. Significant variations need to be reported as soon as they are known to the organisation. Failure to do so may result in the voiding of the funding agreement and the cancellation or reduction of the grant funds.
2. Expend the funds made available only on the agreed project, event or activity.
3. Community Grants: Provide to the Town a statement of expenditure certified by the organisation's president, and copies of relevant invoices on completion of the project, activity or event so that approved funding may be reimbursed to your organisation. If the group is registered for GST a tax invoice showing grant amount PLUS GST will be required. Groups not registered for GST are to provide an invoice for the grant amount only, showing the total as GST exclusive.
4. Sponsorship: Provide to the Town an invoice for the value of the sponsorship. If the group is registered for GST a tax invoice showing grant amount PLUS GST will be required. Groups not registered for GST are to provide an invoice for the grant amount only, showing the total as GST exclusive.
5. Acknowledge the funding provided by the Town in accordance with the Contributions and Donations Acknowledgment Schedule (see below).
6. Indemnify the Town in so far as any activities relevant to the funding are concerned.

INELIGIBLE PROJECTS

Some projects or events (or parts of) will be considered ineligible for funding through this scheme. These include:

1. Any project which is deemed by the selection panel to be of direct benefit to a business, person or any other profit making venture, or any government department or agency (school P&C groups are excepted).
2. Projects on land which is not Crown Reserve or land owned or vested in the Town of East Fremantle.
3. Projects that have already commenced.
4. Projects that cannot demonstrate a local community benefit.
5. Salaries or recurrent operational costs (these will be removed from the budget before consideration).
6. Any project submitted from a religious group, for a religious purpose or for the provision or improvement of religious infrastructure (i.e. church buildings or grounds).
7. Canvassing of Elected Members may result in your application being disqualified.

ELIGIBLE PROJECTS

Projects will be considered eligible if they can demonstrate that:

1. Other potential funding sources have been sought; and/or
2. There is benefit to the wider community; and/or
3. Benefit is provided to Town residents through recreational, social or cultural means.

OTHER CONDITIONS

- Council reserves the right to consider and allocate funds without the right of appeal.
- Council reserves the right to request further information.
- All applicants will be advised, in writing, of the success or otherwise of their application.
- Event notification forms will need to be completed for any public event. Forms will be made available to applicants upon approval or before application if requested.

CONTRIBUTIONS ACKNOWLEDGEMENT SCHEDULE

A condition of acceptance of a Town of East Fremantle contribution, grant or other financial contribution includes formal or public acknowledgement of these funds.

Amount	Suggested Acknowledgement
Up to \$1000	<ol style="list-style-type: none"> 1. Media release – local newspapers 2. Opportunity for Mayor, or their representative, to open event or make a presentation (if applicable)
Over \$1000	<ol style="list-style-type: none"> 1. Media release – all media 2. Opportunity for the Mayor, or their representative, to open event or make a presentation (if applicable) 3. Display of Town logo on all promotional material (printed, website etc) relating to the contribution (if applicable) 4. Acknowledgment of Council contribution in event program (if applicable) 5. Display of Council banner and formal acknowledgment at opening/event (if applicable) 6. Town logo on commemorative plaque on a structure, statue or building (if applicable) 7. Allow the Town to use their logo

Should you require assistance with final preparation of your media release or require a copy of the Town's logo for printed material please contact the Town via admin@eastfremantle.wa.gov.au

Publicising your Grant

The Town offers the following guidelines to assist you to publicise your grant/contribution via a media release. If desired, Town staff would be pleased to assist you with a combined media release.

The media release should summarise the main points with the most important information first including:

- The facts relating to the amount of the Town of East Fremantle grant/contribution and the purpose of the funding;
- Key dates of timelines;
- What difference the grant will make to your organisation;
- A quote from a representative of your organisation relating to the grant and the work of your organisation; and
- Contact details of a representative of your organisation for media enquiries.

FURTHER INFORMATION

Further information on this program can be obtained by contacting the Town of East Fremantle on 9339 9339 or admin@eastfremantle.wa.gov.au

Application forms can be obtained via the website: www.eastfremantle.wa.gov.au



TOWN OF
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Community Assistance Grants – Round 1 – 2016/17 (September 2016

Summary of Applications received by 2 September 2016

Group Name	Description and Notes	Club/Other Contribution	Amount Requested	TOTAL	Approved
1 st Fremantle Sea Scouts	<p>Boating Equipment - Repairing and upgrading rigging for our space sailing and red jacket yachts</p> <p><i>The safety of our youth members, leaders and parent volunteers (many who are residents in the Town) in the delivery of our programs and activities is of utmost importance and therefore it is important that our training boats are maintained to a high standard to prevent accident and injury.</i></p>	Nil listed	\$975	\$975	
	<p>The Group provides youth within the Town of East Fremantle with challenging and adventurous activities, with a focus on water activities, in particular sailing and boating. While developing skills in many aspects of sailing, including navigation, knotting and construction, sea-manship, rowing, and powerboating, our members also learn valuable life skills such as independent thinking, leadership, resilience, problem solving skills, social interaction and responsibility.</p>				
East Fremantle Lawn Tennis Club	<p>Community Open Day 2017</p> <p><i>The East Fremantle Lawn Tennis Club (EFLTC) Community Open Day, to be held on Saturday, January 21, 2017 is a free, fun filled, activity day suitable for all ages and abilities. Those who attend will be able to enjoy tennis games, Tai Chi, yoga and fitness classes as well as ANZ Tennis Hot Shots, Cardio Tennis, Hit the Target competition, coaching, face painting, BBQ, prizes and more. This local community event is part of Tennis Australia National Free Tennis Day. The Town of East Fremantle Community Sponsorship will be used to promote the event to all residents of East Fremantle and to assist in funding the cost of the day's activities. The EFLTC Community Open Day supports creating healthy communities by encouraging participation in a range of recreation and social activities.</i></p>	\$700 (Club fund raising)	\$1,000	\$1,700	
	<p>The inaugural EFLTC Community Open Day, held in January 2016, was attended by over 100 people, the majority of whom were residents of the Town of East Fremantle. In 2017 we expect more than 200 people to attend. As the Club has a prominent location and has easy access with free car parking, the activities of the day will be highly visible and inviting to all in the local community. To ensure we attract a high percentage of the</p>				



TOWN OF
EAST FREMANTLE

	<p>local East Fremantle community we propose to advertise and promote the event via press release, display banner and flyers will be distributed to local schools and the surrounding neighbourhood and businesses.</p>			
<p>East Fremantle Junior Cricket Club</p>	<p>Mobile Cricket Nets and Equipment <i>Construction of light weight mobile cricket net which can be used on existing club grounds (Henry Jeffrey Oval) and will double he cricket net training capacity that is currently accessible in East Fremantle. The grant will help to part fund construction of separate mobile nets and if successful will potentially lead to construction of further nets in subsequent years. In addition the club is looking to purchase two manual scoreboards. And the project includes purchase of two more sunshades.</i></p>	<p>\$2,000 (WACA Grant) \$3,512 (Club)</p>	<p>\$3,000</p>	<p>\$8,512</p>
	<p>The club is the only provider for children in the Town; the club will have approx. 250 registered players in the coming season; the club involves parents and family in its social and game-day activities to create a strong connection within the local community; the club proudly promotes and represents the suburb of East Fremantle in the south West Cricket Zone; the club promotes 'Sun Safety' to all players and spectators.</p>			
<p>East Fremantle Bowling Club</p>	<p>New rink and green markers <i>New rink and green markers are required due to new safety regulations stipulated by BowlsWA for health and safety reasons.</i></p>	<p>Nil listed</p>	<p>\$910.80</p>	<p>\$910.80</p>
	<p>Health and safety issues for members and visitors using outdoor sporting venue, for both interclub competitions and socially.</p>			



WARD REVIEW AND REPRESENTATION DISCUSSION PAPER

Town of East Fremantle



1.0 BACKGROUND

The Town of East Fremantle resolved on 19 July 2016 to undertake a review of its ward system and representation to comply with the *Local Government Act 1995*.

Clause 6 of Schedule 2.2 of the *Local Government Act 1995* requires a local government which has wards, to carry out a review of the ward boundaries and the number of councillors for each ward (representation) from time to time so that no more than eight years elapse between successive reviews.

The Town of East Fremantle completed its last review of wards and representation in 2006.

2.0 REVIEW PROCESS

The review process involves a number of steps:

- The Council resolves to undertake the review;
- Public submission period opens;
- Information provided to the community for discussion;
- Public submission period closes;
- The Council considers all submissions and relevant factors and makes a decision;
- The Council submits a report to the Local Government Advisory Board (LGAB) for its consideration; and
- If a change is proposed, the LGAB submits a recommendation to the Minister for Local Government.

Any changes approved by the Minister where possible will be in place for the next local government election where possible. The next local government election is scheduled for October 2017.

3.0 FACTORS TO BE CONSIDERED IN REVIEW

When considering changes to wards and representation, Schedule 2.2 of the Local Government Act specifies factors that must be taken into account by a local government as part of the review process:

1. Community of interest;
2. Physical and topographic features;
3. Demographic trends;
4. Economic factors; and
5. Ratio of Councillors to Electors in the various wards.

3.1 Community of Interest

The term 'community of interest' has a number of elements. These include a sense of community identity and belonging, similarities in the characteristics of the residents of a community, and similarities in the economic activities. It can also include dependence on the shared facilities in an area as reflected in catchment areas of local schools and sporting teams, or the circulation areas of local newspapers.

Neighbourhoods, suburbs and towns are important units in the physical, historical and social infrastructure, and often generate a feeling of community and belonging.

3.2 Physical and Topographical Features

These may be natural or man-made features that will vary from area to area. Water features such as rivers and catchment boundaries may be relevant considerations. Coastal plain and foothills regions, parks and reserves may be relevant, as may other man-made features such as railway lines and freeways.

3.3 Demographic Trends

Several measurements of the characteristics of human populations, such as population size, and its distribution by age, sex, occupation and location provide important demographic information. Current and projected population characteristics will be relevant as well as similarities and differences between areas within the local government.

3.4 Economic Factors

Economic factors can be broadly interpreted to include any factor that reflects the character of economic activities and resources in the area. This may include the industries that occur in a local government area (or the release of land for these), and the distribution of community assets and infrastructure such as road networks.

3.5 Ratio of Councillor to Electors in the various Wards

It is expected that each local government will have similar ratios of electors to councillors across the wards of its district.

Several additional factors need to be considered when reviewing Councillor representation cross wards and the district as a whole. These include:

1. The advantages and disadvantages of reducing the number of Councillors;
2. The advantages and disadvantages of introducing a 'no-ward' structure;
3. The implications of any change to the Councillor/elector ratio.

The Local Government Advisory Board outlines the following advantages and disadvantages:

3.5.1 Advantages of a reduction in the number of Elected Members

- There is currently a State-wide trend for reductions in the number of Elected Members, and many local governments have found that a Council with fewer Elected Members works well;
- The cost of maintaining Elected Members is likely to be reduced;
- The decision-making process may be more effective and efficient if the number of Elected Members is reduced. It is more timely to ascertain the views of a fewer number of people, and decision making may be easier. There is also more scope for team spirit and cooperation amongst a smaller number of people;
- A reduction in the number of Elected Members may result in an increased commitment from those elected, reflected in greater interest and participation in Council's affairs;
- Fewer Elected Members are more readily identifiable to the community;
- Fewer positions on Council may lead to greater interest in elections, with contested elections and those elected obtaining a greater level of support from the community;

3.5.2 Disadvantages of a reduction in the number of Elected Members

- A smaller number of Elected Members may result in an increased workload and may lessen effectiveness. A demanding role may discourage others from nominating for Council;
- There is the potential for dominance of Council by a particular interest group;
- A reduction in the number of Elected Members may limit the diversity of interests around the Council table;
- Opportunities for community participation in Council's affairs may be reduced if there are fewer Elected Members for the community to contact;
- An increase in the ratio of Councillors to electors may place too many demands on Elected Members.

3.5.3 Advantages of retaining a ward system

- Different sectors of the community can be represented, ensuring a good spread of representation and interests amongst Elected Members;
- There is more opportunity for Elected Members to have a greater knowledge and interest in the issues of their local ward;
- It may be easier for a candidate to be elected if they only need to canvass one ward;
- Councillors may be more easily accessible to the electors of the ward they represent.

3.5.4 Disadvantages of a ward system

- Elected Members can become too focussed on their own wards, and less focussed on the affairs of other wards and the whole local government;

- An unhealthy competition for resources can develop where electors in each ward come to expect the services and facilities provided in other wards, whether they are appropriate or not;
- The community and Elected Members can tend to regard the local government in terms of wards rather than as a whole community;
- Ward boundaries may appear to be placed arbitrarily, and may not reflect the social interaction and communities of interest of the community;
- Balanced representation across the local government may be difficult to achieve, particularly if a local government has highly populated urban areas and sparsely populated rural areas.

3.5.5 Advantages of a 'no ward' system

- Elected Members are elected by the whole community, not just a section of it.
- Elected Members under the Act are required to represent the views of all electors of the Council, and make decisions in the best interest of the district as a whole.
- Knowledge and interest in all areas of the Council's affairs would result, broadening the views beyond the immediate concerns of those within a ward;
- Members of the community who want to approach an Elected Member can speak to any Elected Member, rather than only an Elected Member who lives locally;
- Elected Members can use their specialty skills and knowledge for the benefit of the whole local government;
- There is balanced representation, with each Elected Member representing the whole community;
- The election process is much simpler for the community to understand and for the Council to administer.

3.5.6 Disadvantages of a 'no ward' system

- Electors may feel that they are not adequately represented if they do not have an affinity with any of the Elected Members. Elected Members living in a certain area may have a greater affinity and understanding of the issues specific to that area;
- There is potential for an interest group to dominate Council;
- Elected Members may feel overwhelmed by having to represent all electors, and may not have the time or opportunity to understand and represent all the issues;
- It may be more difficult and costly for candidates to be elected if they need to canvass the entire local government area.

4.0 CURRENT SITUATION

4.1 Community of Interest

4.1.1 Location and Boundaries

The Town of East Fremantle is located in the south-western suburbs of Perth, about 16 kilometres from the Perth GPO. The Town is bounded by the Swan River in the north and west, Petra Street and the City of Melville in the east, and Marmion Street and the City of Fremantle in the south.

4.1.2 Settlement History

European settlement dates from the 1830s, with land used mainly for farming. Growth took place during the 1890s and early 1900s, spurred by the gold rush and the development of neighbouring Fremantle. The population of the Town was about 3,000 in 1911, rising to 4,400 in 1921, and then to 5,200 in 1933. Steady growth took place from the post-war years, with the population rising from about 6,200 in 1947 to about 7,300 in 1971. The population declined during the 1970s and early 1980s, falling to about 5,700 in 1986. The population then rose again to about 6,400 in 1991, before declining marginally during the early 1990s, falling to 6,200 in 1996. The population increased gradually from the late 1990s, rising to nearly 6,900 people in 2011.

4.3 Physical and Topographical Features

4.3.1 Land use

The Town of East Fremantle is an established residential area, with some commercial land use. The Town includes many heritage homes, gardens and landscapes. The Town of East Fremantle encompasses a total land area of 3 square kilometres.

4.3.2 Transport

The Town of East Fremantle is served by the Canning Highway and the Stirling Highway

4.3.3 Major Features

Major features of the Town include Leeuwin Barracks, Richmond Quarters, ATOM Stadium (East Fremantle Oval), Royal George Hotel, East Fremantle River Walk, J Dolan Park, Raceway Park, Stratford Park, Niergarup Track, Heritage walk/trail, W Wayman Reserve and the Swan River.

4.4 Demographics

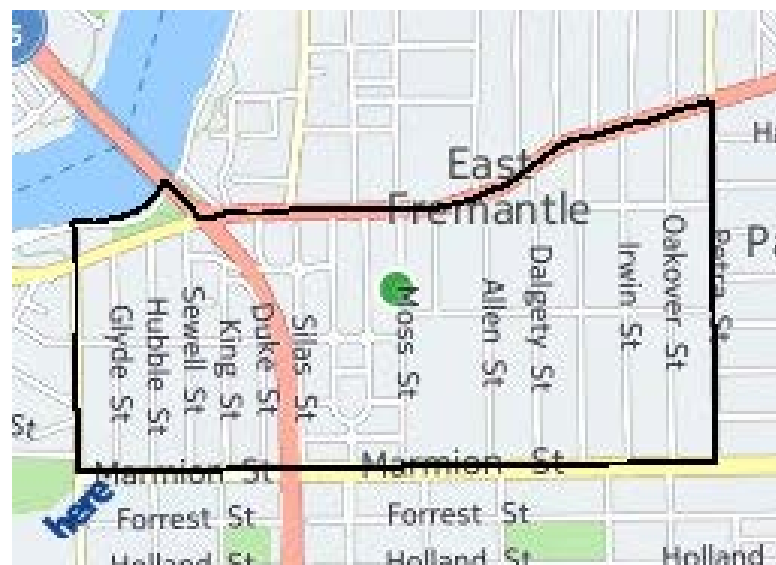
Census and demographic data for the Town of East Fremantle is broken down into two small areas based on customised suburbs/localities.

For the 1991, 1996, 2001 and 2006 Census years these small areas are created by aggregating Census Collection Districts. For the 2011 Census they are created by aggregating Statistical Area Level 1 units.

Small Area 1 is called East Fremantle North. This area is bounded by the Swan River in the north and west, Petra Street in the east, and the Canning Highway and the Stirling Highway in the south.



Small Area 2 is called East Fremantle South. This area is bounded by Stirling Highway and the Canning Highway in the north, Petra street in the east, Marmion Street in the south, and East Street and the Swan River in the west.



4.4.1 Estimated Resident Population

The Estimated Resident Population for the Town of East Fremantle as at 30 June 2015 is 7,743.

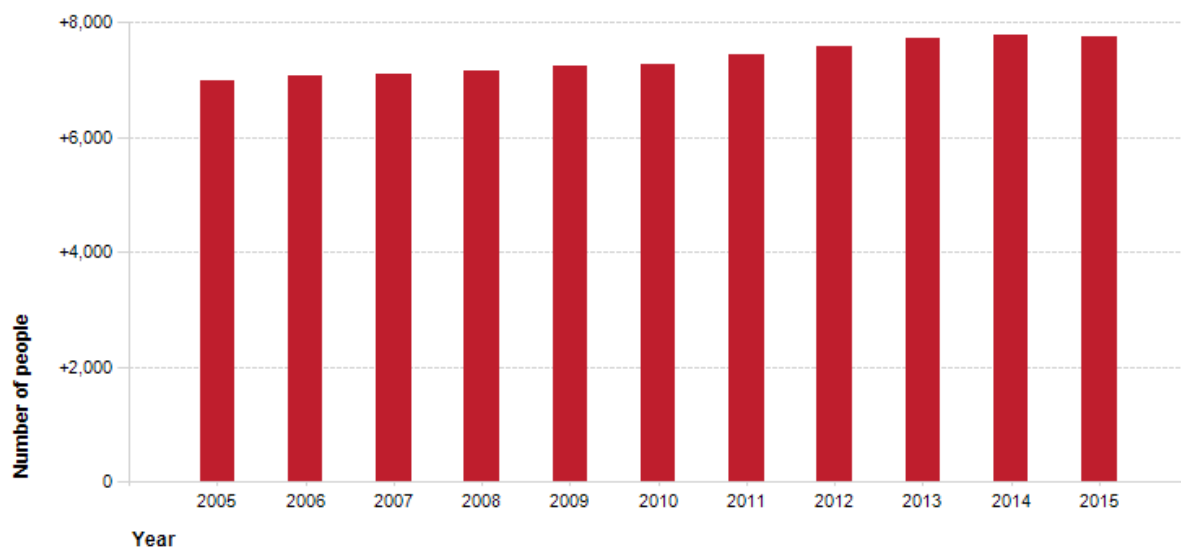
The forecast population for the Town as at 30 June 2016 is 8,163.

Table 1 - Estimated Resident Population (ERP)

Town of East Fremantle			
Year (ending June 30)	Number	Change in number	Change in percent
2005	6,985		
2006	7,074	+89	+1.27
2007	7,098	+24	+0.34
2008	7,154	+56	+0.79
2009	7,244	+90	+1.26
2010	7,270	+26	+0.36
2011	7,443	+173	+2.38
2012	7,587	+144	+1.93
2013	7,724	+137	+1.81
2014	7,781	+57	+0.74
2015	7,743	-38	-0.49

Estimated Resident Population (ERP)

Town of East Fremantle



Source: Australian Bureau of Statistics, Regional Population Growth, Australia (3218.0). Compiled and presented by .id the population experts



4.4.2 Industry Sector of Employment

The Town of East Fremantle’s industry statistics identify the industry sectors in which the residents work (which may be within the residing area or elsewhere). This will be influenced by the skill base and socio-economic status of the residents as well as the industries and employment opportunities present in the region.

Table 2 – Industry Sector of Employment

Town of East Fremantle - (Usual residence)	2011			2006			Change 2006 to 2011
	Industry sector	Number	%	Greater Perth %	Number	%	
Agriculture, Forestry and Fishing	18	0.5	0.6	17	0.5	0.8	+1
Mining	172	4.8	4.8	99	2.9	3.2	+73
Manufacturing	177	5.0	8.5	250	7.4	9.9	-73
Electricity, Gas, Water and Waste Services	26	0.7	1.1	26	0.8	1.0	0
Construction	249	7.0	10.0	203	6.0	9.1	+46
Wholesale trade	119	3.3	3.9	108	3.2	4.3	+11
Retail Trade	294	8.3	10.4	332	9.9	11.4	-38
Accommodation and Food Services	203	5.7	5.8	193	5.7	5.8	+10
Transport, Postal and Warehousing	102	2.9	4.4	87	2.6	4.2	+15
Information Media and Telecommunications	49	1.4	1.2	43	1.3	1.5	+6
Financial and Insurance Services	95	2.7	2.9	90	2.7	3.4	+5
Rental, Hiring and Real Estate Services	78	2.2	1.8	100	3.0	2.0	-22
Professional, Scientific and Technical Services	470	13.2	8.3	353	10.5	7.3	+117
Administrative and Support Services	77	2.2	3.2	86	2.6	3.4	-9
Public Administration and Safety	240	6.7	6.4	260	7.7	6.5	-20
Education and Training	510	14.3	8.1	460	13.7	7.8	+50
Health Care and Social Assistance	454	12.7	10.9	432	12.9	10.6	+22
Arts and Recreation Services	75	2.1	1.5	67	2.0	1.4	+8
Other Services	82	2.3	3.9	73	2.2	3.9	+9
Inadequately described or not stated	72	2.0	2.2	82	2.4	2.7	-10
Total employed persons aged 15+	3,562	100.0	100.0	3,361	100.0	100.0	+201

Source: Australian Bureau of Statistics, [Census of Population and Housing](#) 2006 and 2011. Compiled and presented by [.id](#), the population experts. (Usual residence data)

An analysis of the jobs held by the resident population in Town of East Fremantle in 2011 shows the three most popular industry sectors were:

- Education and Training (510 people or 14.3%)
- Professional, Scientific and Technical Services (470 people or 13.2%)
- Health Care and Social Assistance (454 people or 12.7%)

In combination, these three industries employed 1,434 people in total or 40.3% of the total employed resident population.

In comparison, Greater Perth employed 8.1% in Education and Training; 8.3% in Professional, Scientific and Technical Services; and 10.9% in Health Care and Social Assistance.

The major differences between the jobs held by the population of the Town of East Fremantle and Greater Perth were:

- A larger percentage of persons employed in education and training (14.3% compared to 8.1%)
- A larger percentage of persons employed in professional, scientific and technical services (13.2% compared to 8.3%)
- A smaller percentage of persons employed in manufacturing (5.0% compared to 8.5%)
- A smaller percentage of persons employed in construction (7.0% compared to 10.0%)

4.1 Councillor Elector Ratio

The Town of East Fremantle currently has eight (8) councillors elected from four (4) wards, with a popularly elected Mayor. Table 3 details the current situation.

Table 3 – Councillor to Elector Ratios

WARD	NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR /ELECTOR RATIO	QUOTIENT	ROUNDING	% DEVIATION
Plympton	1207	2	1:604	2.16	2	7.5%
Preston Point	1308	2	1:654	2.00	2	-0.2%
Richmond	1344	2	1:672	1.94	2	-3.0%
Woodside	1361	2	1:681	1.92	2	-4.3%
TOTAL	5,220	8	1:653	2.00	2	

The percentage ratio deviation gives a clear indication of the percentage difference between the average councillor/elector ratio for the whole local government and the councillor/elector ratio for each ward. A balanced representation is reflected in the percentage ratio deviation being within plus or minus 10%.

Currently, all four of Town of East Fremantle Wards are well within the 10% ratio deviation, and are expected to remain within the deviation at the time of the October 2017 Local Government Election. A map showing current ward boundaries is attached (Option 1).

4.2 Ward Names

4.2.1 Plympton Ward

Plympton was the earliest area of development in East Fremantle. It was originally mainly property owned by the family of William Pearse between East and Silas Streets, (Lee: 127), up to Canning Road. The current Tradewinds Hotel was formerly the Plympton Hotel (1898). The George St Precinct is in Plympton. When the Pearse estate was subdivided, many of the new streets were given Pearse family names. Plympton is a village in Devon on the Plym River, between Plymouth and Dartmoor, but it is not known if there is any connection between the village and an East Fremantle resident — though WS Pearse must be the most likely. Plympton is the South West ward, containing the Town Hall (1899) and former (originally Plympton) Post Office (1898).

4.2.2 Preston Point Ward

Preston Point is the name of the northern ward, and has almost all of the river foreshore and the yacht clubs etc. It is north of Fraser St and west of Preston Point Rd. William Preston was 2nd lieutenant on Captain Stirling's ship HMS Success (in 1827) and 1st lieutenant on the third ship to arrive in the Colony, HMS Sulphur, in June 1829.

4.2.3 Richmond Ward

Richmond is the central ward, containing Richmond Primary School (1921), at 37 Windsor Rd, and the former Kaleeya Hospital, cnr Staton and Wolsely Rds. The ward is bounded by Canning Highway, Preston Point Rd, Fraser St, and Petra St. The Richmond Hotel (later Bridge) stood roughly where Stirling Highway now crosses Canning Hwy. Richmond School is the only primary school in the Town.

4.2.4 Woodside Ward

Woodside was the name of the house and also the estate, which was the property of William Dalgety Moore, that occupied the land between what are now Allen and Petra Streets. Woodside is now the name of the SE ward, and contains the site of the former Woodside Hospital at 18 Dalgety St (which was the Moore house), the East Fremantle Football Club, and the former 'Richmond' Raceway.

5.0 REVIEW OPTIONS

Council will consider the following Options:

Option 1 – Maintain the current 4 ward system and 8 Elected Members

Option 2 – Introduce No Ward system and maintain number of Elected Members at 8

Option 3 – Introduce No Ward system and reduce number of Elected Members to 7

Option 4 – Introduce No Ward system and reduce number of Elected Members to 6

6.0 PUBLIC SUBMISSIONS

Members of the community are invited to make a written submission about any aspect of ward boundaries and representation, and address it to:

Chief Executive Officer
Town of East Fremantle
PO Box 1097
FREMANTLE WA 6959

Submissions will also be accepted by email: admin@eastfremantle.wa.gov.au

For any enquiries regarding the review of Wards and Elected Member representation, please contact the Town's Chief Executive Officer, Gary Tuffin, on (08) 9339 9339.

Written submissions should be lodged at the Town of East Fremantle by 5.00 pm on Wednesday, 14 September 2016.

Thank you for your interest in the Town of East Fremantle 2016 review of ward boundaries and Elected Member representation. The Town welcomes your submission.

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OPTION 1

**MAINTAIN CURRENT WARD
AND
REPRESENTATION SYSTEM**

Option 1 involves retaining the current situation.

The Swan River running to the North and West of the Town is a natural boundary. East Street, Petra Street and Marmion Street are the other boundaries.

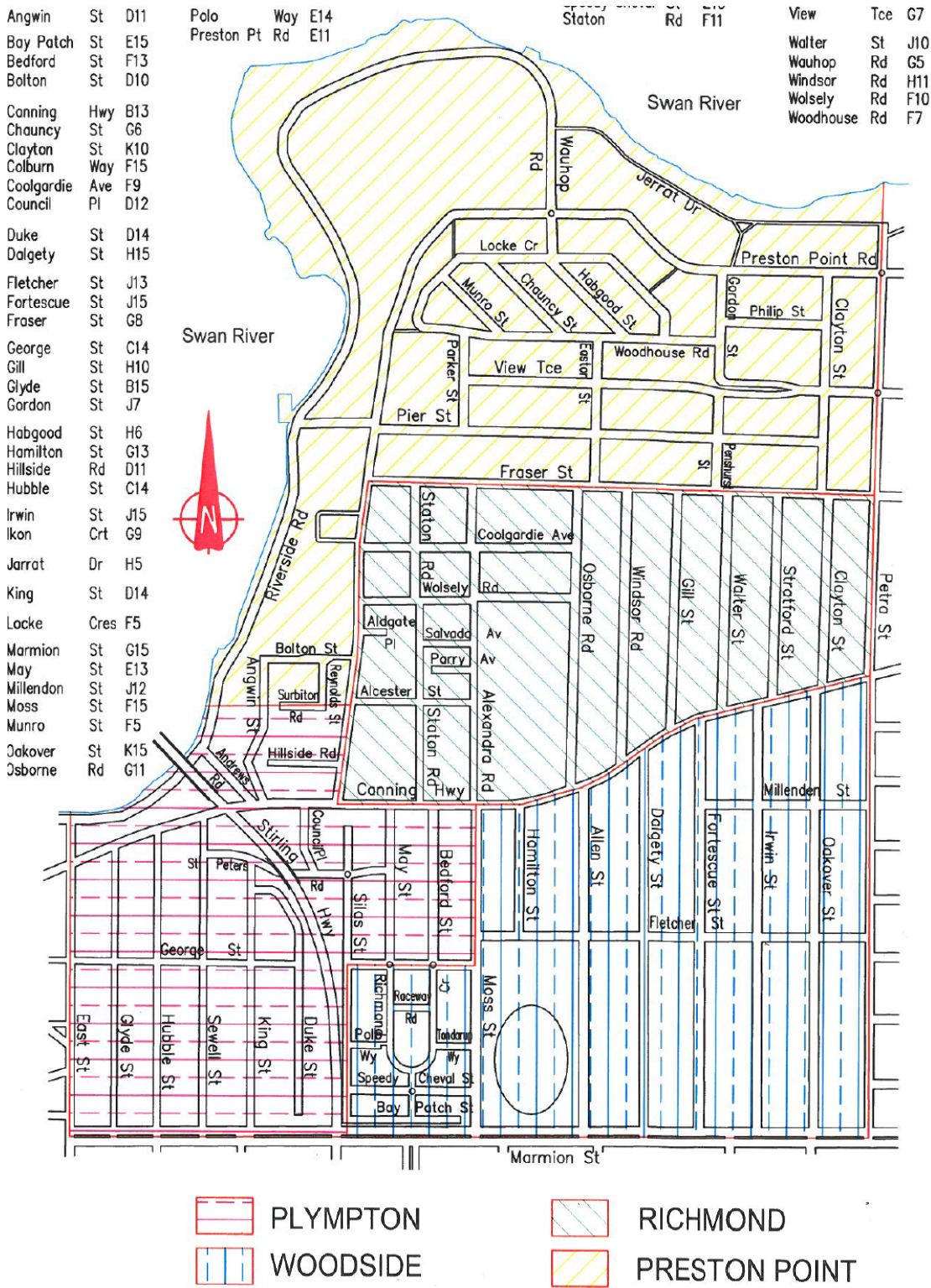


Table 4 - Current Ward and Representation

WARD	NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR /ELECTOR RATIO	QUOTIENT	ROUNDING	% DEVIATION
Plympton	1207	2	1:604	2.16	2	7.5%
Preston Point	1308	2	1:654	2.00	2	-0.2%
Richmond	1344	2	1:672	1.94	2	-3.0%
Woodside	1361	2	1:681	1.92	2	-4.3%
TOTAL	5,220	8	1:653	8.02	8	

The ID community profile for the the Town of East Fremantle between 2011 and 2036 has forecast an population increase of 3,214 people, (a growth of 43.18% over the period) at a rate of 1.45% per annum.

Table 5 – Projected Population

AREA	2021	2026	2031	2036	TOTAL CHANGE	Avg Annual % Change
East Fremantle	8,505	9,681	10,474	10,657	3,214	1.45%
East Fremantle North	4,234	5,386	6,149	6,252	2,402	1.96%
East Fremantle South	4,271	4,295	4,325	4,405	812	0.82%

The delineation used in the forecast modelling between North and South is Canning Highway. The average annual percentage change forecast for North and South has been utilised in determining the number of estimated electors in the Tables below.

Table 5 – 2021 Projected Electors

YEAR 2021						
WARD	NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR /ELECTOR RATIO	QUOTIENT	ROUNDING	% DEVIATION
Plympton	1,268	2	1:634	2.24	2	10.70%
Preston Point	1,470	2	1:735	1.93	2	-3.52%
Richmond	1,510	2	1:755	1.88	2	-6.34%
Woodside	1,429	2	1:715	1.99	2	-0.70%
TOTAL	5,677	8	1:710	8.04	8	

Table 6 – 2026 Projected Electors

YEAR 2026						
WARD	NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR /ELECTOR RATIO	QUOTIENT	ROUNDING	% DEVIATION
Plympton	1,320	2	1:660	2.31	2	13.39%
Preston Point	1,619	2	1:810	1.88	2	-6.30%
Richmond	1,664	2	1:832	1.83	2	-9.19%
Woodside	1,489	2	1:745	2.05	2	2.23%
TOTAL	6,092	8	1:762	8.07	8	

Table 7 – 2031 Projected Electors

YEAR 2031						
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WARD	NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR /ELECTOR RATIO	QUOTIENT	ROUNDING	% DEVIATION
Plympton	1,375	2	1:688	1.68	2	15.89%
Preston Point	1,784	2	1:892	2.18	2	-9.05%
Richmond	1,833	2	1:917	2.24	2	-12.10%
Woodside	1,551	2	1:776	1.90	2	5.13%
TOTAL	6,543	8	1:818	8.00	8	

Table 8 – 2036 Projected Electors

YEAR 2036						
WARD	NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR /ELECTOR RATIO	QUOTIENT	ROUNDING	% DEVIATION
Plympton	1,433	2	1:717	1:63	2	18.43%
Preston Point	1,966	2	1:983	2.24	2	-11.83%
Richmond	2,020	2	1:1,010	2.30	2	-14.90%
Woodside	1,616	2	1:808	1.84	2	8.08%
TOTAL	7,035	8	1:879	8.00	8	

In the long term the representation deviation for three (3) wards is forecasted to be well in excess of the acceptable percentage ratio deviation of between plus or minus 10%.

OPTION 2

NO WARDS

AND

8 ELECTED MEMBERS

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Option 2 involves the removal of wards and replacement with a no-ward system, and retaining 8 Elected Members (Councillors).

Under this system all Councillors would represent the entire Town of East Fremantle district, rather than a single ward.

The Mayor would continue to be popularly elected by the people.

The table below details the number of electors and Councillor to Elector ratio under a no ward system.

Table 9 – No Wards Councillor Elector Ratio

NO WARDS, 8 COUNCILLORS PLUS MAYOR		
NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR/ELECTOR RATIO
5,220	8	1:653

Option 2 would eliminate the need for the Town to meet the ratio deviation requirement of 10% under a Ward system.

This option would retain 8 Councillors, with an average number of electors per Councillor of 653.

The other factors Community of Interest, Physical and Topographical features, Demographic trends and economic factors would no longer be relevant, as each Councillor would represent the entire Town of East Fremantle district, rather than only one ward.

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OPTION 3

NO WARDS

AND

7 ELECTED MEMBERS

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Option 3 involves the removal of wards and replacement with a no-ward system, and a reduction in the number of Elected Members (Councillors) from 8 to 7.

Under this system all Councillors would represent the entire Town of East Fremantle district, rather than a single ward.

The Mayor would continue to be popularly elected by the people.

The table below details the number of electors and Councillor to Elector ratio under a no ward system.

Table 10 – No Wards Councillor Elector Ratio

NO WARDS, 7 COUNCILLORS PLUS MAYOR		
NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR/ELECTOR RATIO
5,220	7	1:746

Option 3 would eliminate the need for the Town to meet the ratio deviation requirement of 10% under a Ward system.

This option would result in a reduction of Councillor positions by 1. The average number of electors per Councillor would increase from 653 to 746.

The other factors Community of Interest, Physical and Topographical features, Demographic trends and economic factors would no longer be relevant, as each Councillor would represent the entire Town of East Fremantle district, rather than only one ward.

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OPTION 4

NO WARDS

AND

6 ELECTED MEMBERS

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Option 4 involves the removal of wards and replacement with a no-ward system, and a reduction in the number of Elected Members (Councillors) from 8 to 6.

Under this system all Councillors would represent the entire Town of East Fremantle district, rather than a single ward.

The Mayor would continue to be popularly elected by the people.

The table below details the number of electors and Councillor to Elector ratio under a no ward system.

Table 11 – No Wards Councillor Elector Ratio

NO WARDS, 6 COUNCILLORS PLUS MAYOR		
NO. OF ELECTORS	NO. OF COUNCILLORS	COUNCILLOR/ELECTOR RATIO
5,220	6	1:870

Option 4 would eliminate the need for the Town to meet the ratio deviation requirement of 10% under a Ward system.

This option would result in a reduction of Councillor positions by 2. The average number of electors per Councillor would increase from 653 to 870.

The other factors Community of Interest, Physical and Topographical features, Demographic trends and economic factors would no longer be relevant, as each Councillor would represent the entire Town of East Fremantle district, rather than only one ward.

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APPENDIX A

REVIEW OF WARD BOUNDARIES
AND
ELECTED MEMBER REPRESENTATION
SUBMISSION FORM

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Note: This form is provided for your convenience. Written public submissions do not have to be made on this form.

Chief Executive Officer
Town of East Fremantle
Po Box 1097
FREMANTLE WA 6959

Email: admin@eastfremantle.wa.gov.au

Dear Sir,

I support the following option in relation to the Ward Boundary and Representation Review:
(Please tick or circle response to each question)

- 1. **Option 1:** Retain existing 4 ward system, and retain 8 Elected Members plus Mayor (9 Elected Members).

Yes No

Comment: _____

- 2. **Option 2:** Introduce no Ward system, and retain 8 Elected Members plus Mayor (9 Elected Members)

Yes No

Comment: _____

3. **Option 3:** Introduce no Ward system, and 7 Elected Members plus Mayor (8 Elected Members)

Yes No

Comment: _____

4. **Option 4:** Introduce no Ward system, and 6 Elected Members plus Mayor (7 Elected Members)

Yes No

Comment: _____

5. Alternative Option:

I proposed the following Ward boundary/Elected Member structure:

The Town of East Fremantle should have _____ Wards and _____ Elected Members. (minimum of 5 and maximum of 14).

The Town’s Wards should have the following names and numbers of Elected Members:

	Name	No of Elected Members
Ward 1	_____	_____
Ward 2	_____	_____
Ward 3	_____	_____
Ward 4	_____	_____
Ward 5	_____	_____

The Town's Wards should contain the following localities and/or physical/topographical features:

Ward 1 _____

Ward 2 _____

Ward 3 _____

Ward 4 _____

Ward 5 _____

6. Comments in support of my preferred option:

Submitted by:

Name: _____

Address: _____

Contact Details: _____

Janine May

From: jono farmer <Zephyros@iinet.net.au>
Sent: Saturday, 13 August 2016 11:19 AM
To: TOWN OF EAST FREMANTLE
Cc: Paddy Glasgow
Subject: IEM54323 - Review of Wards and representation.

The Mayor, Councillors and Chief Executive Officer,

Thank you for giving me the opportunity to comment on possible changes to Council's existing *ward structure and elector representation*.

I have read with interest the review, the background and the LGA requirements and would make a couple of observations.

it is not yet clear what the demographic of the new *Richmond Quarter* will be but it will probably be compatible with the changed *Plympton* demographic so the addition of this population to *Plympton* would boost the current number of electors in Plympton.

In addition, it would be reasonable to include the *Richmond Raceway* in the *Plympton* ward for the same reasons.

The *trade off*, for demographic and geographical reasons, would be to include *that area of Plympton North of Canning Highway and West of Preston Point Road in the Preston Point Ward*.

With the suggested exceptions, I believe the remaining *Richmond and Woodside wards* reflect adequately their demographic. The proposed changes should even up ,to some extent, the disparity in ward representation.

I believe that the four wards with the changes as suggested should remain, but *each ward* only requires *one elected councillor*.

The Town should also have an elected Mayor.

Jono Farmer, 19 sewell sreet....9339 6728

Metropolitan Local Governments

Local Government	District/Ward	Elected Representation
Armadale	7 Wards	14 Councillors including Mayor
Bassendean	District	6 Councillors including Mayor
Bayswater	4 Wards	11 Councillors including Mayor
Belmont	3 Wards	9 Councillors including Mayor
Cambridge	2 Wards	8 Councillors + Mayor
Canning	5 Wards	10 Councillors + Mayor
Claremont	3 Wards	9 Councillors + Mayor
Cockburn	3 Wards	9 Councillors + Mayor
Cottesloe	4 Wards	8 Councillors + Mayor
Fremantle	6 Wards	12 Councillors + Mayor
Gosnells	District	12 Councillors including Mayor
Joondalup	6 Wards	12 Councillors + Mayor
Kalamunda	4 Wards	12 including Mayor
Kwinana	District	8 Councillors including Mayor
Melville	6 Wards	12 Councillors + Mayor
Mosman Park	2 Wards	6 Councillors + Mayor
Mundaring	4 Wards	12 Councillors including Mayor
Nedlands	4 Wards	12 Councillors + Mayor
Peppermint Grove	District	7 Councillors including Mayor
Perth	District	8 Councillors + Mayor
Rockingham	4 Wards	10 Councillors including Mayor
Serpentine/Jarrahdale	3 Wards	9 Councillors including Mayor
South Perth	4 Wards	8 Councillors + Mayor
Stirling	7 Wards	14 Councillors including Mayor
Subiaco	4 Wards	12 Councillors + Mayor
Swan	6 Wards	15 Councillors including Mayor
Vic Park	2 Wards	8 Councillors + Mayor
Vincent	2 Wards	8 Councillors + Mayor
Wanneroo	3 Wards	14 Councillors + Mayor

Wards/Tolerances as at October 2015 (June 2016)

(As at October 2015 elections cross checked to latest available from WAEC (June 2016) where necessary)

Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Albany	Breaksea	2	4012	2006	3.1%	2	3886	1943	4.7%
	Fredrickstown	2	4301	2151	-3.9%	2	3664	1832	10.2%
	Kalgan	2	4174	2087	-0.8%	2	4086	2043	-0.2%
	Vancouver	2	4105	2053	0.8%	2	3649	1825	10.6%
	West	2	4186	2093	-1.1%	2	4777	2389	-17.1%
	Yakamia	2	4058	2029	2.0%	2	4415	2208	-8.2%
	TOTAL		12	24836	2070		12	24477	2040
Armadale	Heron	2	5522	2761	24.7%	2	5461	2731	7.3%
	Jarrah	2	6460	3230	11.9%	2	6267	3134	-6.4%
	Lake	2	8837	4419	-20.5%	2	6975	3488	-18.4%
	Minnawarra	2	5616	2808	23.4%	2	5503	2752	6.6%
	Neerigen	2	5858	2929	20.1%	2	5593	2797	5.1%
	Palomino	2	5753	2877	21.5%	2	5479	2740	7.0%
	River	2	5942	2971	19.0%	2	5959	2980	-1.2%
TOTAL		12	43988	3666		14	41237	2946	
Ashburton	Ashburton	1	50	50	84.7%	1	50	50	84.6%
	Onslow	1	391	391	-19.9%	1	373	373	-14.9%
	Pannawonica	1	317	317	2.8%	1	306	306	5.7%
	Paraburdo	2	636	318	2.5%	2	627	314	3.4%
	Tableland	1	126	126	61.4%	1	133	133	59.0%
	Tom Price	3	1416	472	-44.7%	3	1432	477	-47.1%
	TOTAL		9	2936	326		9	2921	325
Augusta-Margaret R.	Leeuwin	2	2505	1253	4.8%	2	2525	1263	1.2%
	Margaret River	2	2878	1439	-9.4%	2	2637	1319	-3.2%
	North	3	3828	1276	3.0%	3	3782	1261	1.3%
TOTAL		7	9211	1316		7	8944	1278	
Bassendean	Whole district	6	10147	1691	18.3%	6	10124	1687	
Bayswater	Central	3	10949	3650	3.8%	3	10828	3609	3.9%
	North	3	10620	3540	6.7%	3	10653	3551	5.5%
	South	2	7994	3997	-5.4%	2	7862	3931	-4.6%
	West	3	12165	4055	-6.9%	3	11985	3995	-6.3%
TOTAL		11	41728	3793		11	41328	3757	
Belmont	East	3	6525	2175	8.2%	3	6539	2180	8.3%

Wards/Tolerances as at October 2015 (June 2016)

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Beverley	South	3	7139	2380	-0.4%	3	7218	2406	-1.3%
	West	3	7663	2554	-7.8%	3	7629	2543	-7.0%
	TOTAL	9	21327	2370		9	21386	2376	
Boddington	North					3	395	132	7.6%
	South					3	445	148	-4.1%
	West					3	442	147	-3.4%
TOTAL	Whole District	9	1323	147		9	1282	142	
TOTAL	Whole District	7	1094	156		7	1047	150	
Boyup Brook	Benjinup	2	259	130	-0.1%	2	251	126	5.8%
	Boyup Brook	3	453	151	-16.8%	3	471	157	-17.8%
	Dinninup	2	236	118	8.8%	2	241	121	9.5%
	Scotts Brook	2	216	108	16.5%	2	236	118	11.4%
TOTAL		9	1164	129		9	1199	133	
Bridgetown-Greenbushes	North	2	724	362	0.6%	2	603	302	17.2%
	South	7	2550	364	0.0%	7	2673	382	-4.9%
	TOTAL	9	3274	364		9	3276	364	
TOTAL	Whole District	7	689	98		7	636	91	
Broome	Broome	7	7057	1008	-7.7%	7	7248	1035	-8.3%
	Dampier	2	1369	685	26.9%	2	1355	678	29.1%
	TOTAL	9	8426	936		9	8603	956	
TOTAL	Whole district	7	763	109		7	796	114	
TOTAL	Whole District	9	645	72		9	660	73	
TOTAL	Whole District	12	21217	1768		12	21278	1773	
TOTAL	Whole District	9	24257	2695		9	23158	2573	
Cambridge	Coastal	4	8745	2186	2.1%	4	8729	2182	2.2%
	Wembley	4	9113	2278	-2.1%	4	9128	2282	-2.2%
TOTAL		8	17858	2232		8	17857	2232	

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Canning	Bannister	2	10768	5384	-3.7%	3	15041	5014	2.5%
	Beeliar	2	9651	4826	7.0%	3	14689	4896	4.8%
	Beeloo	2	10878	5439	-4.8%	3	15310	5103	0.8%
	Mason	2	9950	4975	4.2%	1	6381	6381	-24.1%
	Nicholson	2	10660	5330	-2.7%				
TOTAL		10	51907	5191		10	51421	5142	
Capel	Whole District	9	9892	1099		9	9411	1046	
Carnamah	Whole District	7	373	53		7	366	52	
Carnarvon	Coral Bay	1	63	63	85.3%	1	76	76	83.1%
	Gascoyne / Minilya	1	91	91	78.7%	1	96	96	78.7%
	Plantation	1	585	585	-36.7%	1	627	627	-39.3%
	Town	4	2257	564	-31.8%	4	2351	588	-30.6%
	TOTAL		7	2996	428		7	3150	450
Chapman Valley	North East	5	471	94	13.2%	5	481	96	5.2%
	South West	3	397	132	-22.0%	3	331	110	-8.7%
	TOTAL	8	868	109		8	812	102	
Chittering	Whole District	7	3402	486		7	3313	473	
Christmas Island	Whole District					9	976	108	
Claremont	East	3	2257	752	4.4%	3	2048	683	8.9%
	South	3	2588	863	-9.7%	3	2513	838	-11.8%
	West	3	2234	745	5.3%	3	2180	727	3.0%
	TOTAL	9	7079	787		9	6741	749	
Cockburn	Central	3	20892	6964	0.0%	3	20250	6750	-0.5%
	East	3	24450	8150	-17.0%	3	23379	7793	-16.1%
	West	3	17364	5788	16.9%	3	16802	5601	16.6%
TOTAL	9	62706	6967		9	60431	6715		
Cocos Island	Whole District					7	446	64	
Collie	Whole District	11	6059	551		11	6075	552	

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Coolgardie	Whole District	7	1725	246		7	1771	253	
Coorow	Whole District	8	1040	130		8	1083	135	
Corrigin	Whole District	7	818	117		7	833	119	
Cottesloe	Central	2	1293	647	6.5%	2	1316	658	5.4%
	East	2	1312	656	5.2%	2	1269	635	8.8%
	North	2	1407	704	-1.7%	2	1461	731	-5.0%
	South	2	1521	761	-10.0%	2	1518	759	-9.1%
TOTAL		8	5533	692		8	5564	696	
Cranbrook	Whole District	9	747	83		9	714	79	
Cuballing	Whole District	6	624	104		7	645	92	
Cue	Whole District	7	169	24		7	166	24	
Cunderdin	Whole District	8	806	101		8	848	106	
Dalwallinu	Whole District	9	808	90		9	847	94	
Dandaragan	Whole District	9	2447	272		9	2499	278	
Dardanup	Whole District	9	8834	982		10	8538	854	
Denmark	Nornalup/Kent	2	1162	581	-9.3%	2	917	459	0.5%
	Scotsdale/Shadforth	4	1945	486	8.5%	4	1633	408	11.4%
	Town	3	1675	558	-5.1%	3	1596	532	-15.5%
TOTAL		9	4782	531		9	4146	461	
Derby-West Kimberley	Whole District	9	3699	411		9	3674	408	
Donnybrook Balingup	Whole District	9	4016	446		9	3936	437	
Dowerin	Rural North	2	114	57	12.3%	2	110	55	12.4%

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
TOTAL	Rural South	2	147	74	-13.1%	2	143	72	-13.9%
	Town	4	259	65	0.4%	4	249	62	0.8%
		8	520	65		8	502	63	
Dumbleyung	Dumbleyung	3	145	48	3.3%	3	157	52	-2.2%
	Kukerin	1	41	41	18.0%	1	42	42	18.0%
	North	3	160	53	-6.7%	3	168	56	-9.3%
	South	2	104	52	-4.0%	2	94	47	8.2%
TOTAL		9	450	50		9	461	51	
Dundas	Whole District	6	400	67		6	430	72	
	TOTAL								
East Fremantle	Plympton	2	1207	604	7.5%	2	1203	602	7.6%
	Preston Point	2	1308	654	-0.2%	2	1343	672	-3.1%
	Richmond	2	1344	672	-3.0%	2	1317	659	-1.2%
	Woodside	2	1361	681	-4.3%	2	1345	673	-3.3%
TOTAL		8	5220	653		8	5208	651	
East Pilbara	East	1	387	387	-26.0%	1	172	172	38.9%
	Lower Central	1	120	120	60.9%	1	366	366	-30.1%
	North West	1	85	85	72.3%	1	131	131	53.4%
	South	6	2173	362	-17.9%	1	14	14	95.0%
		9	2765	307		1	79	79	71.9%
TOTAL					6	2333	389	-38.2%	
					11	3095	281		
Esperance	Rural	3	2807	936	4.5%	3	2891	964	2.2%
	Town	6	6008	1001	-2.2%	6	5973	996	-1.1%
TOTAL		9	8815	979		9	8864	985	
Exmouth	Whole District	6	1590	265		6	1615	269	
	TOTAL								
Fremantle	Beaconsfield	2	3539	1770	-5.0%	2	3443	1722	-4.0%
	City	2	3351	1676	0.6%	2	3277	1639	1.0%
	East	2	3274	1637	2.9%	2	3174	1587	4.1%
	Hilton	2	3145	1573	6.7%	2	3188	1594	3.7%
	North	2	3427	1714	-1.7%	2	3304	1652	0.2%
	South	2	3491	1746	-3.6%	2	3471	1736	-4.9%

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
TOTAL		12	20227	1686		12	19857	1655	
Gingin	Whole District	9	4338	482		9	4321	480	
Gnowangerup	Whole District	9	1045	116		9	1048	116	
Goomalling	Whole District	9	697	77		3	247	82	-6.2%
						2	127	64	18.1%
						4	324	81	-4.4%
TOTAL						9	698	78	
Gosnells	Whole District	12	65950	5496		12	64033	5336	
Greater Geraldton	Champion Bay	2	2929	1465	14.9%	2	2980	1490	15.0%
	Chapman Hills	2	4016	2008	-16.6%	2	3840	1920	-9.5%
	Mullewa	2	4817	2409	-39.9%	2	4749	2375	-35.4%
	Port	2	455	228	86.8%	2	464	232	86.8%
	Tarcoola	2	3660	1830	-6.3%	2	3706	1853	-5.6%
	Willcock	2	5079	2540	-47.5%	2	5025	2513	-43.3%
TOTAL		14	24106	1722	8.5%	12	21047	1754	7.0%
Halls Creek	Whole District	7	1698	243		7	1685	241	
Harvey	Whole District	13	16611	1278		13	15979	1229	
Irwin	Whole District	8	2521	315		8	2497	312	
Jerramungup	Whole District	7	820	117		7	709	101	
Joondalup	Central	2	16999	8500	5.3%	2	17212	8606	4.2%
	North	2	19472	9736	-8.5%	2	21305	10653	-18.5%
	North-Central	2	20081	10041	-11.9%	2	17533	8767	2.5%
	South	2	15419	7710	14.1%	2	15614	7807	13.1%
	South-East	2	16408	8204	8.6%	2	16740	8370	6.9%
	South-West	2	19302	9651	-7.6%	2	19443	9722	-8.2%
TOTAL		12	107681	8973		12	107847	8987	

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Kalamunda	North	3	8765	2922	7.6%	3	8785	2928	7.2%
	North West	3	10374	3458	-9.3%	3	10145	3382	-7.2%
	South East	3	8883	2961	6.4%	3	9029	3010	4.6%
	South West	3	9940	3313	-4.7%	3	9877	3292	-4.4%
TOTAL		12	37962	3164		6	18930	3155	
Kalgoorlie-Boulder	Whole District	12	15322	1277		12	15613	1301	
Karratha City	Dampier	1	609	609	27.2%	2	653	327	60.5%
	Karratha	8	7026	878	-5.0%	6	6944	1157	-39.9%
	/ Cossack / Pastoral	2	1568	784	6.3%	1	577	577	30.2%
	TOTAL	11	9203	837		11	9097	827	44.2%
Katanning	Whole District	9	2420	269		9	2469	274	
Kellerberrin	Whole District	7	780	111		7	788	113	
Kent	Whole District	8	420	53		8	394	49	
Kojonup	Whole District	8	1345	168		8	1387	173	
Kondinin	Whole District	9	567	63		9	582	65	
Koorda	Whole District	7	315	45		7	301	43	
Kulin	Central	2	126	63	3.4%	2	130	65	1.3%
	East	1	60	60	8.0%	1	61	61	7.4%
	Town	3	218	73	-11.4%	3	162	54	18.0%
	West	3	183	61	6.5%	3	240	80	-21.4%
TOTAL		9	587	65	0.0%	9	593	66	
Kwinana	Whole District	8	18733	2342		8	17230	2154	
Lake Grace	Lake Grace	3	326	109	3.6%	3	326	109	6.1%

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
	Rural	5	599	120	-6.3%	5	613	123	-6.0%
TOTAL	Newdegate	1	89	89	21.0%	1	102	102	11.8%
TOTAL	Whole District	7	367	52		9	1041	116	
Laverton	Whole District	7	558	80		7	386	55	
Leonora	Whole District	7				7	647	92	
Mandurah	Coastal	3	14345	4782	-8.3%	3	13304	4435	-5.4%
	East	3	12244	4081	7.6%	3	12001	4000	4.9%
	North	3	13897	4632	-4.9%	3	13010	4337	-3.1%
	Town	3	12516	4172	5.5%	3	12175	4058	3.5%
TOTAL		12	53002	4417		12	50490	4208	
Manjimup	Central	5	3142	628	-8.3%	5	3196	639	-9.4%
	Coastal	1	559	559	3.7%	1	531	531	9.1%
	East	1	651	651	-12.2%	1	643	643	-10.1%
	North	1	560	560	3.5%	1	582	582	0.4%
	South	1	411	411	29.2%	1	403	403	31.0%
	West	2	1062	531	8.5%	2	1070	535	8.4%
TOTAL	Whole District	11	6385	580		11	6425	584	
Meekatharra	Whole District	7	432	62		7	470	67	
Melville	Applecross/Mt Pleasant	2	11079	5540	3.3%	2	11017	5509	3.9%
	Bicton/Attadale	2	11043	5522	3.6%	2	11032	5516	3.7%
	Bullcreek-Leeming	2	11558	5779	-0.9%	2	11596	5798	-1.2%
	City	2	10510	5255	8.2%	2	10603	5302	7.5%
	Palmyra-Melville-Willagee	2	11827	5914	-3.3%	2	11830	5915	-3.2%
	University	2	12709	6355	-11.0%	2	12680	6340	-10.6%
TOTAL		12	68726	5727		12	68758	5730	
Menzies	Town	3	96	32	11.8%	3	112	37	5.0%
	Rural	4	158	40	-8.9%	4	163	41	-3.7%
TOTAL		7	254	36		7	275	39	

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Merredin	Whole District	9	2049	228		9	2063	229	
Mingenew	Rural	3	136	45	6.4%	3	136	45	2.4%
	Town	4	203	51	-4.8%	4	189	47	-1.8%
TOTAL		7	339	48		7	325	46	
Moora	Whole District	9	1564	174		9	1545	172	
Morawa	Whole District	7	446	64		7	454	65	
Mosman Park	North	3	3008	1003	-3.0%	3	3007	1002	-2.9%
	South	3	2835	945	3.0%	3	2840	947	2.9%
TOTAL		6	5843	974		6	5847	975	
Mount Magnet	Whole District	9	291	32		9	309	34	
Mount Marshall	Whole District	7	417	60		7	389	56	
Mukinbudin						2	82	41	4.7%
						1	35	35	18.6%
						4	181	45	-5.2%
						1	46	46	-7.0%
						1	43	43	0.0%
TOTAL	Whole District	9	367	41		9	387	43	
Mundaring	Central	3	7120	2373	-10.7%	3	7119	2373	-10.5%
	East	3	6602	2201	-2.7%	3	6628	2209	-2.9%
	South	3	6275	2092	2.4%	3	6179	2060	4.1%
	West	3	5722	1907	11.0%	3	5836	1945	9.4%
TOTAL		12	25719	2143		12	25762	2147	
Murchison	Ballinyoo	3	39	13	25.7%	3	38	13	30.9%
	Darlot	3	66	22	-25.7%	3	72	24	-30.9%
TOTAL		6	105	18		6	110	18	
Murray	Whole District	9	10972	1219		9	10673	1186	
Nannup	Central	3	351	117	6.9%	3	358	119	5.1%
	North	3	427	142	-13.3%	3	428	143	-13.5%

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
TOTAL	South	2	227	114	9.7%	2	220	110	12.5%
TOTAL	Whole District	8	1005	126		8	1006	126	
TOTAL	Whole District	9	562	62		9	583	65	
TOTAL	Whole District	7	624	89		7	582	83	
TOTAL	Whole District	8	2625	328		8	2675	334	
TOTAL	Coastal	3	3996	1332	-7.1%	3	4008	1336	-7.7%
	Dalkeith	3	3433	1144	8.0%	3	3461	1154	7.0%
	Hollywood	3	3956	1319	-6.1%	3	3871	1290	-4.0%
	Melvista	3	3533	1178	5.3%	3	3543	1181	4.8%
TOTAL		12	14918	1243		12	14883	1240	
TOTAL	Whole District	8	917	115		8	995	124	
TOTAL	Central	2	1143	572	16.9%	2	1181	591	14.4%
	East	1	587	587	14.6%	1	580	580	15.9%
	Town	5	4118	824	-19.8%	5	4118	824	-19.4%
	West	2	1029	515	25.2%	2	1020	510	26.1%
TOTAL		10	6877	688		10	6899	690	
TOTAL	Kalbarri	4	1053	263	-2.0%	4	1071	268	-0.9%
	Northampton	5	1269	254	1.6%	5	1317	263	0.7%
TOTAL		9	2322	258		9	2388	265	
TOTAL	Mangowine/Campion/Knungajin	2	46	23	0.0%	2	52	26	-4.6%
	Central	3	68	23	1.4%	3	75	25	-0.6%
	Kwelkan/Elabbin/Danberrin	2	47	24	-2.2%	2	47	24	5.5%
TOTAL		7	161	23		7	174	25	
TOTAL	Whole District	7	1108	158		7	1132	162	
TOTAL	Bowgada	1	37	37	5.1%	1	38	38	5.3%
	Caron/Latham	3	112	37	4.3%	3	119	40	1.1%
	Maya	1	39	39	0.0%	1	28	28	30.2%
	Perenjori	4	163	41	-4.5%	4	176	44	-9.7%
TOTAL		9	351	39		9	361	40	

Wards/Tolerances as at October 2015 (June 2016)

(As at October 2015 elections cross checked to latest available from WAEC (June 2016) where necessary)

Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Perth	Whole District	8	11385	1423		8	10825	1353	
	TOTAL								
Pingelly	Whole District	8	836	105		8	833	104	
	TOTAL								
Plantagenet	Whole District	9	3411	379		9	3420	380	
	TOTAL								
Port Hedland	Whole District	8	5755	719		9	5822	647	
	TOTAL								
Quairading	Whole District	8	752	94		8	769	96	
	TOTAL								
Ravensthorpe	Whole District	7	1224	175		7	1249	178	
	TOTAL								
Rockingham	Baldivis	2	13735	6868	1.4%	2	11298	5649	15.3%
	Comet Bay	2	16000	8000	-14.8%	2	15240	7620	-14.3%
	Rockingham	3	20195	6732	3.4%	3	20268	6756	-1.3%
	Safety Bay	3	19749	6583	5.5%	3	19859	6620	0.7%
TOTAL	10	69679	6968		10	66665	6667		
Sandstone	Whole District	6	73	12		6	70	12	
	TOTAL								
Serpentine Jarrahdale	North	4	5949	1487	1.7%	4	5041	1260	9.7%
	North West Ward	2	3375	1688	-11.6%	2	3296	1648	-18.1%
	Southern Ward	3	4290	1430	5.5%	3	4223	1408	-0.9%
	TOTAL	9	13614	1513		9	12560	1396	
Shark Bay	Denham	5	447	89	-14.2%	5	432	86	-11.0%
	Useless Loop / Pastoral	2	101	51	35.5%	1	38	38	51.2%
	TOTAL	7	548	78		7	545	78	
South Perth	Como	2	6670	3335	1.0%	2	6679	3340	0.4%
	Manning	2	6324	3162	6.1%	2	6265	3133	6.6%
	Mill Point	2	7311	3656	-8.5%	2	7291	3646	-8.7%
	Moresby	2	6639	3320	1.4%	2	6592	3296	1.7%
TOTAL	8	26944	3368		8	26827	3353		
Stirling	Balga	2	17908	8954	7.0%	2	17315	8658	8.7%

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation	
TOTAL	Coastal	2	19972	9986	-3.7%	2	19734	9867	-4.1%	
	Doubleview	2	21296	10648	-10.6%	2	20829	10415	-9.9%	
	Hammersley	2	17529	8765	9.0%	2	17490	8745	7.8%	
	Inglewood	2	19072	9536	1.0%	2	18946	9473	0.1%	
	Lawley	2	18993	9497	1.4%	2	18812	9406	0.8%	
	Osborne	2	20055	10028	-4.1%	2	19601	9801	-3.4%	
	TOTAL		14	134825	9630		14	132727	9481	
Subiaco	Central	3	3229	1076	-9.5%	3	3125	1042	-9.2%	
	East	3	2830	943	4.0%	3	2846	949	0.5%	
	North	3	3062	1021	-3.9%	3	2876	959	-0.5%	
	South	3	2670	890	9.4%	3	2595	865	9.3%	
	TOTAL	12	11791	983		12	11442	954		
	Swan	Altona	3	15285	5095	-0.8%	3	14227	4742	0.3%
		Ballajura	3	13837	4612	8.8%	3	13873	4624	2.8%
Ellenbrook		3	14887	4962	1.9%	3	13472	4491	5.6%	
Midland/Guildford		3	15390	5130	-1.4%	3	15226	5075	-6.6%	
North		1	6711	6711	-32.7%	1	5262	5262	-10.6%	
Swan Valley/Gidgegannup		2	9742	4871	3.7%	2	9324	4662	2.0%	
TOTAL		15	75852	5057		15	71384	4759		
Tammin	Whole District	6	241	40		6	248	41		
	TOTAL	7	379	54		7	393	56		
Three Springs	Central	2	692	346	4.4%	2	670	335	7.4%	
	East	2	768	384	-6.1%	2	765	383	-5.8%	
	North	2	789	395	-9.0%	2	802	401	-10.9%	
	West	3	1007	336	7.2%	3	1018	339	6.2%	
TOTAL	9	3256	362		9	3255	362			
Trayning	Whole District	7	242	35		7	260	37		
	TOTAL	7	176	25		7	181	26		
Upper Gascoyne	Whole District	7	176	25		7	181	26		
	TOTAL	7	176	25		7	181	26		

Wards/Tolerances as at October 2015 (June 2016)

(As at October 2015 elections cross checked to latest available from WAEC (June 2016) where necessary)

Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Victoria Park	Banksia	4	9529	2382	6.1%	4	9217	2304	6.7%
	Jarrah	4	10771	2693	-6.1%	4	10544	2636	-6.7%
TOTAL		8	20300	2538		8	19761	2470	
Victoria Plains	Central	2	152	76	-19.8%	2	159	80	-20.3%
	East	2	113	57	10.9%	2	121	61	8.5%
	South	2	125	63	1.5%	2	136	68	-2.9%
	West	3	181	60	4.9%	3	179	60	9.7%
TOTAL		9	571	63		9	595	66	
Vincent	North	4	10351	2588	7.2%	4	10207	2552	6.7%
	South	4	11195	2799	-0.4%	4	10895	2724	0.4%
TOTAL		8	22298	2787		8	21876	2735	
Wagin	Whole District	11	1251	114		11	1292	117	
Wandering	Whole District	7	383	55		7	347	50	
	TOTAL								
Wanneroo	Central	4	30673	7668	-6.6%	3	22654	7551	-12.6%
	North Coast	5	34929	6986	2.9%	4	26639	6660	0.7%
	South	5	35088	7018	2.4%	2	12156	6078	9.4%
TOTAL		14	100690	7192		14	93906	6708	3.2%
Waroona	Whole District	8	2682	335		8	2556	320	
West Arthur	Whole District	7	633	90		7	646	92	
	TOTAL								
Westonia	Whole District	6	178	30		6	178	30	
Wickepin	Whole District	8	507	63		9	532	59	
	TOTAL								
Williams	Whole District	9	739	82		9	693	77	
Wiluna	Whole District	7	261	37		7	284	41	
	TOTAL								
Wongan Ballidu	Whole District	7	979	140		9	986	110	
	TOTAL								

Wards/Tolerances as at October 2015 (June 2016)

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Local Government	Ward	2015 No. Cllrs	2015 No. Electors	Ward Ratio Average	% Ratio Deviation	2013 No. Cllrs	2013 No. Electors	Ward Ratio Average	% Ratio Deviation
Woodanilling	Whole District	6	287	48		6	284	47	
TOTAL									
Wyalkatchem	Whole District	7	398	57		7	390	56	
TOTAL									
Wyndham-East Kimberley	Whole District	9	3614	402		9	3838	426	
Yalgoo	Whole District	6	117	20		6	128	21	
TOTAL									
Yilgarn	Whole District	7	715	102		7	722	103	
TOTAL									
York	Whole District	7	2567	367		6	2590	432	
TOTAL									



CEO Performance Assessment Plan

It must be noted that the agreed Performance Indicators will be initially reviewed in March 2017, as a progress report, with a view to amending for 2017-18

	ACTION	COMMENTS
1	Council determines through the Mayor, the process they need for facilitated support to conduct Assessment.	Assessment to be objective against agreed KPIs and determines KPIs for the following year. KPIs are to be objective and within resource requirements of the CEO
2	Committee Chairperson writes to CEO giving 14 days notice that a performance review is to be conducted.	
3	CEO submits evidence against KPIs and sets KPIs for the following year.	
4	Committee requests input from all councillors on the CEO's performance over the last review period and for suggestions on requirements for the next 12 month period.	Facilitator to send out information and forms for councillors to complete and provide input into this process. The form will be objective and based on the CEOs KPIs giving qualitative feedback. Councillors will be offered email or phone interview dependent on their preference.
5	Facilitated discussion with Committee on past and future KPIs. Facilitator provides a summary of Councillor feedback.	
6	Committee liaises with CEO on his performance report to clarify any areas of non-agreement and to set performance requirements for next 12 month period.	CEO to be invited to attend the Executive Committee meeting and answer questions if required.
7	Independent Assessment on changes to Payline Data for CEO Position presented to Committee. Facilitated discussion on salary offer.	CEO invited to the committee to accept performance feedback.
8	Committee considers all available data and prepares a report for Council consideration. Contains assessment of previous period plus requirements for next review period and salary recommendation.	
9	Committee submits report to Council for consideration and approval.	
10	Council considers report and makes recommendations/approves/amends plan or refers plan back to committee for further consideration.	
11	CEO implements Performance Plan.	

CEO Key Result Areas

Key Result Areas		Targets	Evidence	Measures
COMMUNITY & STAKEHOLDER RESPONSIVES				
Stakeholder Relationships and Communications	<ul style="list-style-type: none"> - Improved profile within and external to community 	<ul style="list-style-type: none"> - Develop & implement a Public Relations and Communications Plan. - Develop & implement a Community and Stakeholders Plan. - Effective working relationships with State and Federal Government agencies. 	<ul style="list-style-type: none"> - Improved Community satisfaction survey every 2 years - Yearly meetings with high impact Stakeholders 	
FINANCIAL STEWARDSHIP				
Development of Asset Plans & Consolidation	<ul style="list-style-type: none"> - Understanding asset risks & ensuring appropriate forward planning. 	<ul style="list-style-type: none"> - Develop and implement an Asset Management Policy and Strategy. 	<ul style="list-style-type: none"> - Asset Management data to be aligned with 10 Year Financial Plan - Asset risks identified in major asset class plans and planned for accordingly. 	
Sustainability	<ul style="list-style-type: none"> - Delivery of Strategic Community Plan (SCP) and Corporate Business Plan. - Annual Plan delivered within resources. 	<ul style="list-style-type: none"> - SCP finalised. - CBP developed. - Budget aligned to plans. - 10 Financial Plan alignment. - Reporting Performance processes. <p>Project milestones the refurbishment of Council building</p>	<ul style="list-style-type: none"> - The finalised Strategic Community Plan and Corporate Business Plan are endorsed by Council - Achieve Council approved budget including agreed Capital spend - Legislated compliance met - Agreed project success milestones (within twelve months) 	
INTERNAL PROCESS				
Commitment to Excellence	<ul style="list-style-type: none"> - Improved service outputs. - Strengthen Customer service. - Develop strategies to enhance service delivery. 	<ul style="list-style-type: none"> - Service Reviews., Benchmark ready. - Establish a formal complaints process 	<ul style="list-style-type: none"> - Agreed targeted service plans - Develop baseline Customer data and agreed targets - Customer complaints process used by all employees 	

<p>Effective working relationship with elected members</p>	<ul style="list-style-type: none"> - Consolidate and enhance elected member working relationships. 	<ul style="list-style-type: none"> - The CEO contributes constructively to the Council meeting process. - The decisions of Council are implemented in accordance with Council directions. - Councillors have an appropriate level of access to the CEO. - The concerns of Councillors effectively and professionally managed. - Council is provided with appropriate information and advice on relevant statutory requirements. 	<ul style="list-style-type: none"> - Councillor satisfaction survey.
HUMAN CAPITAL			
<p>Organisation Development</p>	<ul style="list-style-type: none"> - Improvements in council's operations. 	<ul style="list-style-type: none"> - Develop a new Workforce Plan. - Competent subordinates are employed and developed. - The creative ideas of employees are encouraged and developed. 	<ul style="list-style-type: none"> - Workforce Plan finalised - HR policy reviewed - Occupational Health and Safety baseline data and targets developed