



AGENDA

Tree Advisory Committee Meeting Thursday, 25 May 2023

I hereby give notice that a Tree Advisory Committee Meeting will be held on:

Date: Thursday, 25 May 2023

Time: 9:00 AM

**Location: Meeting Room Bidjpidji (Meeting Room 1)
Level 1, Civic Centre
Harry Chan Avenue, Darwin**

Webcasting:

**Simone Saunders
Chief Executive Officer**

TREE ADVISORY COMMITTEE MEMBERS

Chairperson Lord Mayor Kon Vatskalis (Chair)

Councillor Peter Pangquee

Australian Institute Landscape Architects, Fiona Eddleston

Larrakia Nation, Ben Smith

Parks and Wildlife, Bryan Harty

Urban Development Institute of Australia (NT), Hermanus Louw

Northern Territory Arboriculture Association, Richard Kenyon

Community Member Adam Grainger

Community Member Dr Greg Leach

Alternate Councillor Morgan Rickard

OFFICERS

General Manager Community, Matt Grassmayr

Manager Parks and Open Spaces, Lisa Spann

Senior Coordinator Parks and Reserves, Jamie Lewis

Executive Manager Environment and Waste Services, Nick Fewster

Senior Administration Officer, Karen Long

Order Of Business

1	Meeting Declared Open	5
2	Acknowledgement of Country	5
3	Apologies and Leave of Absence	5
4	Electronic Attendance	5
5	Declaration of Interest	5
6	Confirmation of Previous Minutes	5
7	Actions Arising From Previous Minutes	5
8	Presentations	5
9	Officer Reports.....	6
	9.1 Draft 2023/24 Greening Program	6
	9.2 Tree Advisory Committee Deliverables	11
10	Member Reports	18
11	General Business.....	18
12	Next Meeting	18
13	Closure of Meeting.....	18

1 MEETING DECLARED OPEN

2 ACKNOWLEDGEMENT OF COUNTRY

3 APOLOGIES AND LEAVE OF ABSENCE

3.1 Apologies - Lord Mayor Kon Vatskalis

3.2 Leave of Absence

3.3 Leave of Absence Notified

4 ELECTRONIC ATTENDANCE

4.1 Electronic Attendance

4.2 Electronic Attendance Notified

5 DECLARATION OF INTEREST

6 CONFIRMATION OF PREVIOUS MINUTES

Tree Advisory Committee Meeting - 23 February 2023

7 ACTIONS ARISING FROM Previous Minutes

8 PRESENTATIONS

9 OFFICER REPORTS

9.1 DRAFT 2023/24 GREENING PROGRAM

Author: Senior Coordinator Parks & Reserves
Authoriser: General Manager Community
Attachments: 1. Playford Street Site Map and Plan [↓](#)

RECOMMENDATIONS

1. THAT the report entitled Draft 2023/24 Greening Program be received and noted.

PURPOSE

The purpose of this report is to present to the Committee the Draft 2023/24 Greening Program.

KEY ISSUES

- The Draft 2023/24 City of Darwin Municipal Plan has been endorsed by Council for public consultation.
- City of Darwin officers have developed a Draft 2023/24 Greening Program for tree planting projects in the 2023/24 financial year.
- Adoption of the 2023/24 Municipal Plan is scheduled for 13 June 2023.
- The draft 2023/24 Municipal Plan allocates \$1million towards greening projects.

DISCUSSION

The Draft 2023/24 Municipal Plan allocates \$1million towards greening projects. City of Darwin officers are developing a Greening Program that proposes the following projects:

- Tree Establishment Program – 16,098 trees
- Better Suburbs Projects – 161 trees
- Bushland Rehabilitation Program – 4,000 tube stock

Tree Establishment Program	Number of trees
Street and Park Planting	245
CBD Hardscape Planting	8
Customer Request Tree Planting	230
Playford Street Drain	200
Suburbs Tree Planting and Establishment (New initiative)	415
Native Tree Giveaway Program	15,000
Total	16,098

Better Suburbs Projects	Number of trees
Cavanagh Street Landscape Connections	18
Nightcliff Shopping Village Masterplan	8
Fitzer Drive Community Planting	20
Muirhead Dog Park Upgrade	3
Airlie Park	3
Wagaman Oval Upgrade	10
Bagot Oval Shared User Path	20
Flightpath road tree planting	79
Total	161

Bushland Rehabilitation Program (Tube stock)	Number of trees
East Point	3,000
Muirhead	1,000

<p>The street tree program will include areas such as Dick Ward Drive and other suitable locations.</p> <p>The Playford Street Project aims to improve amenity and shade along the open drain and provide visual buffering for activities at the Darwin Turf Club. The works will include planting native screening shrubs and small trees, along with associated irrigation. The location and description of the works is provided in Attachment 1. Initial irrigation works are scheduled to commence on Monday 29 May 2023.</p>	
<p>PREVIOUS COUNCIL RESOLUTION</p> <p>Nil</p>	
<p>STRATEGIC PLAN ALIGNMENT</p>	<p>3 A Cool, Clean and Green City</p> <p>3.1 By 2030, Darwin will be recognised as a clean and environmentally responsible city</p>
<p>BUDGET / FINANCIAL / RESOURCE IMPLICATIONS</p>	<p>The draft 2023/24 Municipal Plan allocated the following amounts for greening projects:</p> <ul style="list-style-type: none"> • \$598,444 Tree establishment program • \$400,000 Greening New Initiative funding
<p>LEGISLATION / POLICY CONTROLS OR IMPACTS</p>	<p>Legislation:</p> <p>Local Government Act 2019</p>
<p>CONSULTATION, ENGAGEMENT & COMMUNICATION</p>	<p>Nil</p>
<p>DECLARATION OF INTEREST</p>	<p>The report author does not have a conflict of interest in relation to this matter.</p> <p>The report authoriser does not have a conflict of interest in relation to this matter.</p> <p>If a conflict of interest exists, staff will not act in the matter, except as authorised by the CEO or Council (as the case requires).</p>

PLAYFORD STREET DRAIN LANDSCAPE WORKS

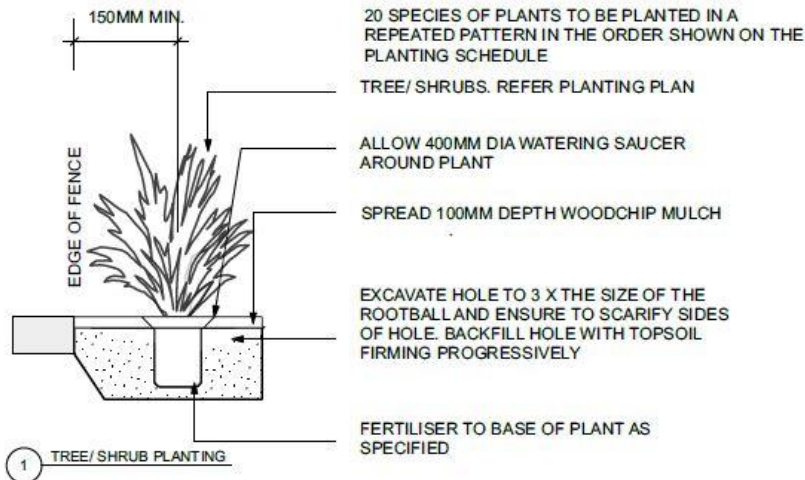
PLAYFORD STREET, PARAP NT 0820



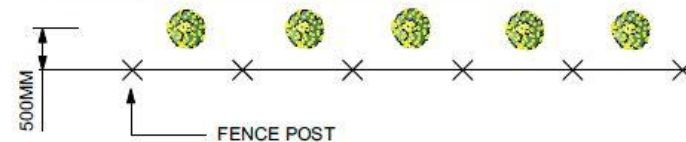
EXTENT OF WORKS PLAN

PLANT SCHEDULE

Order	Botanical Name	Common Name	Mature height	Mature Width	Spacing	Pot Size	Quantity
TREES							
1	Acacia shirleyi	Lancewood	15000	8000	1 per 8m	Mega Tube	10
2	Acacia dunnii	Elephant Ear Wattle	4500	750	1 per 2m	Mega Tube	10
3	Aidia racemosa	Archer Cherry	8000	4000	1 per 4m	Mega Tube	10
4	Acacia gonocarpa	Cloud Acacia	3000	1500	1 per 2m	Mega Tube	10
5	Alphotinia excelsa	Soap Tree	8000	4000	1 per 4m	Mega Tube	10
6	Acacia holosericea	Silver Wattle	3000	2000	1 per 2m	Mega Tube </td <td>10</td>	10
7	Corymbia ptychocarpa	Swamp Bloodwood	8000	6000	1 per 6m	Mega Tube	10
8	Acacia latescens	Ball Wattle	3000	2000	1 per 2m	Mega Tube	10
9	Eucalyptus bigalerita	Northern Salmon Gum	13000	5500	1 per 6m	Mega Tube	10
10	Barringtonia acutangula	Freshwater Mangrove	5000	3000	1 per 4m	Mega Tube	10
11	Eucalyptus herbertiana	Herberts Gum	8000	6000	1 per 6m	Mega Tube	10
12	Dodonaea platyptera	Hop Bush	3000	2000	1 per 2m	Mega Tube	10
13	Eucalyptus phoenicea	Scarlet Gum	12000	8000	1 per 8m	Mega Tube	10
14	Grevillea heliosperma	Rock Grevillea	2500	2500	1 per 4m	Mega Tube	10
15	Lophopetalum arnhemicum	Lophopetalum arnhemicum	10000	6000	1 per 6m	Mega Tube	10
16	Leea novoguineensis	Bandicoot Berry	5000	3000	1 per 4m	Mega Tube	10
17	Melaleuca leucadendron	Weeping Paper Bark	13000	5500	1 per 6m	Mega Tube	10
18	Meiogyne cylindrocarpa	Native Apricot	6000	3000	1 per 4m	Mega Tube	10
19	Syzygium eucalyptoides	Native Apple	8000	4000 </td <td>1 per 4m</td> <td>Mega Tube</td> <td>10</td>	1 per 4m	Mega Tube	10
20	Syzygium hemilamprum	Apple	15000	8000	1 per 8m	Mega Tube	10



PLANTS TO BE PLANTED IN A LINEAR PATTERN ADJACENT TO THE FENCE, 0.5M OFF THE FENCE LINE AND ONE PLANT BETWEEN THE POSTS FOR THE LENGTH OF THE ENTIRE FENCE



9.2 TREE ADVISORY COMMITTEE DELIVERABLES

Author: Executive Assistant Community

Authoriser: General Manager Community

Attachments: 1. [Additional Information](#) [↓](#)

RECOMMENDATIONS

1. THAT the report entitled Tree Advisory Committee Deliverables be received and noted.
2. THAT Tree Advisory Committee members provide any recommendations on the City of Darwin Greening Strategy and/or the Report Establishing a Resilient Urban Forest for Darwin by 7 August 2023.
3. THAT it is noted that City of Darwin officers will present a report outlining members recommendations at the next Tree Advisory Committee meeting on 24 August 2023.

PURPOSE

The purpose of this report is to inform members that to progress the review of the City of Darwin Greening Strategy and the Report Establishing a Resilient Urban Forest for Darwin at the next Committee meeting, any recommendations are required to be submitted by 7 August 2023.

KEY ISSUES

- At the Tree Advisory Committee meeting held on 23 February 2023, the Committee agreed to a delivery plan for 2023, for advice to Council on matters outlined in the Committee's Terms of Reference.
- At the last meeting members requested additional information to assist with reviewing the greening related documentation.
- Officers supplied additional information, **Attachment 1** to assist the committee members in considering the documentation.
- In order to provide a report on any recommendations for the Committee meeting of 24 August 2023, comments from members are required by 7 August,2023.

DISCUSSION

In accordance with the Terms of Reference, the functions of the Tree Advisory Committee as required, are to:

- a) Review the City of Darwin Greening Strategy
- b) Review the report Establishing a Resilient Urban Forest for Darwin
- c) Review the document Preferred Trees for Darwin
- d) Review the document Trees Not Recommended to be Planted
- e) Investigate and make recommendations on Species that are Colourful, Tropical and Flowering

The Committee's schedule to enable a structured approach to delivering recommendations for each function in the TOR to Council for 2023 is as follows:

Deliverable	Meeting Date
Report outlining recommended amendments to the City of Darwin Greening Strategy	25 May 2023
Report outlining recommended amendments to the report Establishing a Resilient Urban Forest for Darwin	24 August 2023
Report outlining recommended amendments to the documents: <ul style="list-style-type: none"> • Preferred trees for Darwin (including colourful, tropical & flowering options) • Trees not recommended to be planted 	23 November 2023

In order for the Tree Advisory Committee to action the review of the City of Darwin Greening Strategy as well as the Report Establishing a Resilient Urban Forest for Darwin it is requested that members provide their recommendations by **7 August 2023** to matt.grassmayr@darwin.nt.gov.au.

Officers will compile the recommendations and submit a report to the 24 August 2023 Tree Advisory Committee meeting.

PREVIOUS COUNCIL RESOLUTION

Nil

STRATEGIC PLAN ALIGNMENT	3 A Cool, Clean and Green City 3.1 By 2030, Darwin will be recognised as a clean and environmentally responsible city
BUDGET / FINANCIAL / RESOURCE IMPLICATIONS	Nil
LEGISLATION / POLICY CONTROLS OR IMPACTS	Nil

CONSULTATION, ENGAGEMENT & COMMUNICATION	Nil
DECLARATION OF INTEREST	<p>The report author does not have a conflict of interest in relation to this matter.</p> <p>The report authoriser does not have a conflict of interest in relation to this matter.</p> <p>If a conflict of interest exists, staff will not act in the matter, except as authorised by the CEO or Council (as the case requires).</p>

INFORMATION QUESTIONS			
Request - Description	Member	Comments	
1	Does City of Darwin have a list/info on tree failures from other minor storm events? I.e. species, age, health, and structure, type of failure (whole tree at root plate, whole tree at base of trunk, parts of tree) and any possible causes of failure (root damage, poor structure, evidence of decay in roots or tree parts that failed, evidence of termite damage or other wounds that may have contributed to the failure) - Could we possibly recommend that going forward City of Darwin works to create a set database for tree and branch failures?	Member Richard Kenyon	City of Darwin has it's NEMUS database which records tree inspections and reasons for works to be undertaken. Accessing information held in NEMUS is problematic. All inspection information is held in individual .pdf file's for each inspection, and theres no way to retrieve the information as a database to allow for easy analysys. We are currently also keeping a spreadsheet of tree works which does contain some information, although it's main purpose is to track works, not record modes of failure for branches and trees. We are currently reviewing functionality of that spreadsheet to capture additional information. We also have the report council undertook following Cyclone Marcus which was circulated to members prior to the first meeting of this committee.
2	Since TC Marcus how many street trees have City of Darwin and its contractors physically planted on an annual basis?	Member Richard Kenyon	Since 2019 council has planted 15,000 revegetation trees at Rapid creek, Muirhead and East point Reserve, 9,309 Street and Park trees, and has given away 26,500 Native plants to City of Darwin residents, for a total of 50,809 new trees and plants into the Darwin community.
4	Of these planted trees do you have a list of species planted and the number of trees for each species? Ie , 545 Maranthes, 50 Albizia saman etc	Member Richard Kenyon	Yes - See worksheet Tree planting data. Some project tree data is missing
5	How many new species has CoD trialled and how have they performed so far?	Member Richard Kenyon	18 Species, anecdotally most are performing well, although we have not yet undertaken a thougrough assessment.
6	Of the new species trialled which ones are not on the original tree list?	Member Richard Kenyon	10 - see worksheet Trial Species
7	What is the net difference in Council trees between immediately pre TC Marcus and now?	Councillor Rickard	We do not have sufficient information to provide an accurate answer to that question. City of Darwin has never had a full inventory of it's entire urban forest, and we do not have an accurate number of trees lost from the urban forest as a result of Cyclone Marcus.

TRIAL SPECES

GENUS_SPECIES	TRIAL	On preffered list
Adansonia digitata	Trial	Yes
Aesteromyrtus magnifica	Trial	Yes
Backhousia citrodora	Trial	No
Banksia dentata	Trial	Yes
Brachychiton acerifolius	Trial	No
Buckinghamia celsissima	Trial	No
Canarium australianum	Trial	Yes
Cassia nodosa	Trial	Yes
Castanospermum australe	Trial	No
Delonix floribundum	Trial	No
Erythinya varigata	Trial	Yes
Harpulia pendula	Trial	No
Lophostemon confertus	Trial	No
Petalostigma pubescens	Trial	Yes
Stenocarpus sinatus	Trial	No
Syzygium malaccense	Trial	No
Tabebuia palmeri	Trial	Yes
Xanthostomon verticellatus	Trial	No

TREE PLANTING DATA

Genus_Species	Number	Percentage
Adansonia gregori	20	0.24
Adansonia digiata	14	0.17
Aesteromyrtus magnifica	18	0.22
Aesteromyrtus symphocarpa	46	0.56
Albizia lebbeck	34	0.41
Albizia saman	144	1.74
Allosyncarpia ternata	438	5.29
Alstonia actinophylla	176	2.12
Alphintonia excelsa	60	0.72
Backhousia citrodora Trial	30	0.36
Banksia dentata Trial	22	0.27
Brachychiton acerifolius Trial	42	0.51
Brachychiton diversifolius	90	1.09
Brachychiton rupestris	16	0.19
Buckinghamia celsissima Trial	18	0.22
Callistemon viminalis	270	3.26
Calophyllum inophyllum	22	0.27
Canarium australianum Trial	58	0.70
Carallia brachtiata	44	0.53
Cassia nodosa Trial	58	0.70
Castanospermum australe Trial	20	0.24
Casuarina equisetifolia	34	0.41
Ceasalpinia ferrea	8	0.10
Corymbia bella	72	0.87
Corymbia confertiflora	12	0.14
Cupaniopsis anacardioides	158	1.91
Delonix floribundum Trial	6	0.07
Erythinya varigata Trial	12	0.14
Eucalyptus alba	26	0.31
Eucalyptus bigalarita	78	0.94
Eucalyptus herbertiana	128	1.54
Eucalyptus pheoncia	108	1.30
Eucalyptus tintinnans	58	0.70
Grevillea heliosperma	256	3.09
Grevillea pteridifolia	56	0.68
Harpulia pendula Trial	18	0.22
Lagerstroemia indica	114	1.38
Lagerstroemia speciosa	164	1.98
Leptospermum madiddum	272	3.28
Lophostomon confertus Trial	126	1.52
Lophostomon lactifluus	136	1.64
Maniltoa lenticellata	158	1.91
Maranthes corymbosa	328	3.96
Melaleuca argentea	194	2.34
Melaleuca leucadendra	150	1.81
Millettia pinnata	70	0.84
Mimusops elengi	628	7.58

Myristica insipida	10	0.12
Nauclea orientalis	68	0.82
Peltophorum pterocarpum	390	4.71
Petalostigma pubescens Trial	34	0.41
Pittosporum Moloccanum Trial	38	0.46
Plumeria obtusa	194	2.34
Plumeria rubra	316	3.81
Stenocarpus sinatus Trial	6	0.07
Sterculia quadrifida	34	0.41
Syzygium forte	336	4.06
Syzygium nervosum	118	1.42
Syzygium suborbiculare	42	0.51
Syzygium angophroidies	8	0.10
Syzygium armstrongii	144	1.74
Syzygium australae	14	0.17
Syzygium malaccense Trial	12	0.14
Tabebuia argentea	50	0.60
Tabebuia pallida	50	0.60
Tabebuia palmeri Trial	20	0.24
Tabebuia rosea	220	2.66
Tamarindus indica	150	1.81
Terminala catappa	56	0.68
Terminala microcarpa	424	5.12
Terminalia platyphylla	52	0.63
Terminalia cattappa	56	0.68
Terminalia porphyrocarpa	172	2.08
Timonius timon	88	1.06
Xanthostemom chrysanthus	160	1.93
Xanthostomon verticellatus	14	0.17
Total	8286	100

10 MEMBER REPORTS

11 GENERAL BUSINESS

12 NEXT MEETING

24 August 2023

13 CLOSURE OF MEETING



MINUTES

**Tree Advisory Committee Meeting
Thursday, 23 February 2023**

**MINUTES OF CITY OF DARWIN
TREE ADVISORY COMMITTEE MEETING
HELD AT THE COUNCIL CHAMBERS, LEVEL 1, CIVIC CENTRE, HARRY CHAN AVENUE,
DARWIN
ON THURSDAY, 23 FEBRUARY 2023 AT 9.00 AM - 10.00 AM**

PRESENT:

Lord Mayor Kon Vatskalis
Councillor Morgan Rickard
Community Member Dr Greg Leach
Community Member Adam Grainger
NT Arboriculture Association Richard Kenyon
Larrakia Nation Ben Smith

OFFICERS:

Ron Quinn (Executive Manager Operations)
Jamie Lewis (Senior Coordinator Parks & Reserves)
Nick Fewster (Executive Manager Environment & Waste Services)
Emma Smith (Coordinator Environment & Climate Change)
Melodee Brencher (Technical Arborist)
Bonne Zhao (Administration Officer)
Maya Moon (Administration Officer)

APOLOGY:

Councillor Peter Pangquee
Parks and Wildlife Bryan Harty
Urban Development Institute of Australia (NT) Hermanus Louw
Australian Institute Landscape Architects Fiona Eddleston

GUESTS:

Dr Stephen Reynolds
Mr Tony Cox

Order Of Business

1	Meeting Declared Open	4
2	Acknowledgement of Country	4
3	Apologies & Leave Of Absence	4
4	Electronic Attendance	4
5	Declaration of Interest of Members and Staff	4
6	Confirmation of Previous Minutes	4
7	Actions Arising from Previous Minutes	5
8	Presentations	5
9	Officer Reports	5
9.1	Presentation by Dr. Stephen Reynolds.....	5
9.2	Tree Advisory Committee - 2023 Delivery Plan	6
9.3	Tree Advisory Committee - Questions from Members	7
10	Member Reports	8
11	General Business	8
12	Next Meeting	8

1 MEETING DECLARED OPEN

The Chair declared the meeting open at 9:02 am.

2 ACKNOWLEDGEMENT OF COUNTRY

City of Darwin acknowledges that we are living and working on Larrakia Country. We acknowledge the Larrakia people as the Traditional Owners of the Darwin region. We pay our respects to the Larrakia elders past and present and support emerging Larrakia leaders now and into the future. City of Darwin is committed to working together with all Larrakia to care for this land and sea for our shared future.

3 APOLOGIES & LEAVE OF ABSENCE

3.1 Apologies

- Councillor Peter Pangquee
- Parks and Wildlife Bryan Harty
- Urban Development Institute of Australia (NT) Hermanus Louw
- Australian Institute Landscape Architects Fiona Eddleston

3.2 Leave of Absence

Nil

3.3 Leave of Absence Notified

Nil

4 ELECTRONIC ATTENDANCE

Nil

5 DECLARATION OF INTEREST OF MEMBERS AND STAFF

5.1 Declaration of Interest by Members

Larrakia Nation Representative Ben Smith informed the Committee that he has commenced as a casual Public Places Ranger for the City of Darwin on weekends.

5.2 Declaration of Interest by Staff

Nil

6 CONFIRMATION OF PREVIOUS MINUTES

COMMITTEE RESOLUTION TAC006/23

Moved: Community Member Dr Greg Leach

Seconded: Lord Mayor Kon Vatskalis

That the minutes of the Tree Advisory Committee Meeting held on 25 November 2022 be confirmed.

CARRIED 6/0

7 ACTIONS ARISING FROM PREVIOUS MINUTES

Nil

8 PRESENTATIONS

Refer to Item 9.1

9 OFFICER REPORTS

9.1 PRESENTATION BY DR. STEPHEN REYNOLDS

COMMITTEE RESOLUTION TAC007/23

Moved: NT Arboriculture Association Richard Kenyon

Seconded: Councillor Morgan Rickard

1. THAT the report entitled Presentation by Dr. Stephen Reynolds be received and noted.

CARRIED 6/0

Councillor Morgan Rickard arrived at 9:15 am

9.2 TREE ADVISORY COMMITTEE - 2023 DELIVERY PLAN

COMMITTEE RESOLUTION TAC008/23

Moved: Lord Mayor Kon Vatskalis

Seconded: Community Member Dr Greg Leach

1. THAT the report entitled Tree Advisory Committee - 2023 Delivery Plan be received and noted.
2. THAT The Committee adopt a delivery plan for 2023 for delivery of advice to Council on matters outlined in the Committee's Terms of Reference.

CARRIED 6/0

9.3 TREE ADVISORY COMMITTEE - QUESTIONS FROM MEMBERS

COMMITTEE RESOLUTION TAC009/23

Moved: Community Member Adam Grainger

Seconded: Larrakia Nation Ben Smith

1. THAT the report entitled Tree Advisory Committee - Questions from Members be received and noted.

CARRIED 6/0

ACTION – Senior Coordinator Parks & Reserves, Jamie Lewis to provide information within the next month.

10 MEMBER REPORTS

Nil

11 GENERAL BUSINESS

Mr Tony Cox queried Carbon Management and monitor Irrigation and shade density

12 NEXT MEETING

The Chair declared the meeting closed at 9:50 am.