



Business Papers

Environment & Infrastructure Committee Meeting

Tuesday, 17 February 2015
12.00 pm

Notice of Meeting

To the Lord Mayor and Aldermen

You are invited to attend an Environment & Infrastructure Committee Meeting to be held in Meeting Room 1, Level 1, Civic Centre, Harry Chan Avenue, Darwin, on Tuesday, 17 February 2015, commencing at 12.00 pm.



B P DOWD
CHIEF EXECUTIVE OFFICER

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Removed from Public Notice Board: _____

OPEN SECTION

E&I/1

CITY OF DARWIN

ENVIRONMENT & INFRASTRUCTURE COMMITTEE

TUESDAY, 17 FEBRUARY 2015

MEMBERS: Member S J Niblock (Chairman); The Right Worshipful, The Lord Mayor, Ms K M Fong Lim; Member H I Galton; Member R M Knox; Member R Want de Rowe.

OFFICERS: Chief Executive Officer, Mr B Dowd; General Manager Infrastructure, Mr L Cercarelli; Executive Manager, Mr M Blackburn; Manager Design, Planning and Projects, Mr D Lelekis; Manager Infrastructure Maintenance, Mr K Smith; Manager Technical Services, Ms N Douglas; Manager Climate Change; Ms S Gamble; Executive Assistant, Ms A Smit.

Enquiries and/or Apologies: Arweena Smit
E-mail: a.smit@darwin.nt.gov.au - PH: 89300 685
OR Phone Committee Room 1, for Late Apologies - PH: 89300 519

Committee's Responsibilities

- | | | |
|---------------------|-----------------------------------|--|
| * Asset Management | * Stormwater Drainage Maintenance | * Planning |
| * Building Services | * Street Cleaning | * Road Construction and Traffic Management |
| * Cemeteries | * Urban Forest Management | * Urban Enhancement |
| * Mosquito control | * Infrastructure Projects | * Climate Change and Environment |
| * Operations | * Infrastructure Maintenance | * Waste Management |
| * Parks & Reserves | * Design | * Outdoor Dining |
| * Pathways | | * Signage |
| * Road maintenance | | |
| * Sporting Areas | | |

THAT effective as of 16 April 2012 Council pursuant to Section 32 (2)(b) of the Local Government Act 2008 hereby delegates to the Environment & Infrastructure Committee the power to make recommendations to Council and decisions relating to

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Environment & Infrastructure Committee Meeting – Tuesday, 17 February 2015

1. MEETING DECLARED OPEN

2. APOLOGIES AND LEAVE OF ABSENCE

Common No. 2695036

2.1 Apologies

2.2 Leave of Absence Granted

Nil

3. ELECTRONIC MEETING ATTENDANCE

Common No. 2221528

3.1 Electronic Meeting Attendance Granted

Nil

4. DECLARATION OF INTEREST OF MEMBERS AND STAFF

5. CONFIDENTIAL ITEMS

6. WITHDRAWAL OF ITEMS FOR DISCUSSION

()

COMMITTEE'S DECISION

THAT the Committee resolve under delegated authority that all Information Items and Officers Reports to the Environment & Infrastructure Committee Meeting held on Tuesday, 17 February 2015 be received and considered individually.

DECISION NO.21\() (17/02/15)

OPEN SECTION

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Environment & Infrastructure Committee Meeting – Tuesday, 17 February 2015

7. **CONFIRMATION OF MINUTES PERTAINING TO THE PREVIOUS ENVIRONMENT & INFRASTRUCTURE COMMITTEE MEETING**

() COMMITTEE'S DECISION

THAT the Committee resolve that the minutes of the previous Environment & Infrastructure Committee Meeting held on Tuesday, 18 November 2015, tabled by the Chairman, be received and confirmed as a true and correct record of the proceedings of that meeting.

DECISION NO.21\() (17/02/15)

8. **BUSINESS ARISING FROM THE MINUTES PERTAINING TO THE PREVIOUS ENVIRONMENT & INFRASTRUCTURE COMMITTEE MEETING**

8.1 **Business Arising**

**ENCL: ENVIRONMENT & INFRASTRUCTURE
YES COMMITTEE/OPEN**

AGENDA ITEM: 9.1

**CLIMATE CHANGE ACTION PLAN QUARTERLY REPORT - OCTOBER TO DECEMBER
2014**

REPORT No.: 15TS0026 SG:nj COMMON No.: 1792647

DATE: 17/02/2015

Presenter: Manager Climate Change & Environment, Shenagh Gamble

Approved: Executive Manager, Mark Blackburn

PURPOSE

The purpose of this report is to inform the Committee of progress towards the Climate Change Action Plan and associated environmental initiatives.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

3 Environmentally Sustainable City

Outcome

3.1 Council's carbon footprint reduced

Key Strategies

3.1.1-Reduce Council's greenhouse gas emissions

KEY ISSUES

- A number of sites have reduced electricity consumption, however overall energy use increased during this quarter
- Community engagement opportunities have extended to include Sustainable Living "Less Waste" workshops

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

- A. THAT Report Number 15TS0027 SG:nj entitled Climate Change Action Plan Quarterly Report – October to December 2014, be received and noted.

PAGE: 2
 REPORT NUMBER: 15TS0026 SG:nj
 SUBJECT: CLIMATE CHANGE ACTION PLAN QUARTERLY REPORT - OCTOBER TO DECEMBER 2014

BACKGROUND

This report provides an update on progress against the Climate Change Action Plan and associated activities as completed by the Climate Change & Environment Team in the period October – December 2014.

DISCUSSION

Energy Efficiency Implementation

Primary CCAP Outcome: Council's energy consumption is reduced.

As Year Two implementation approaches halfway, the majority of actions have been completed, and savings from Year One measures are becoming apparent. A summary of progress against measures is given in **Attachment A – Energy Efficiency Measures Implementation**.

EcoSwitches have been in place at the Civic and Operations Centres for more than six months. These two sites have slightly greater consumption compared to the same time last year, see Figure 1 below. This suggests that behaviour modification alone is proving ineffectual in reducing electricity consumption. A supporting campaign will be initiated in the coming quarter to improve the 'switch off' behaviour of staff at the Civic and Operations Centres.

Occupancy sensors in the amenities have now been installed at both sites; however this occurred late in the quarter and is unlikely to have impacted this last quarterly billing.

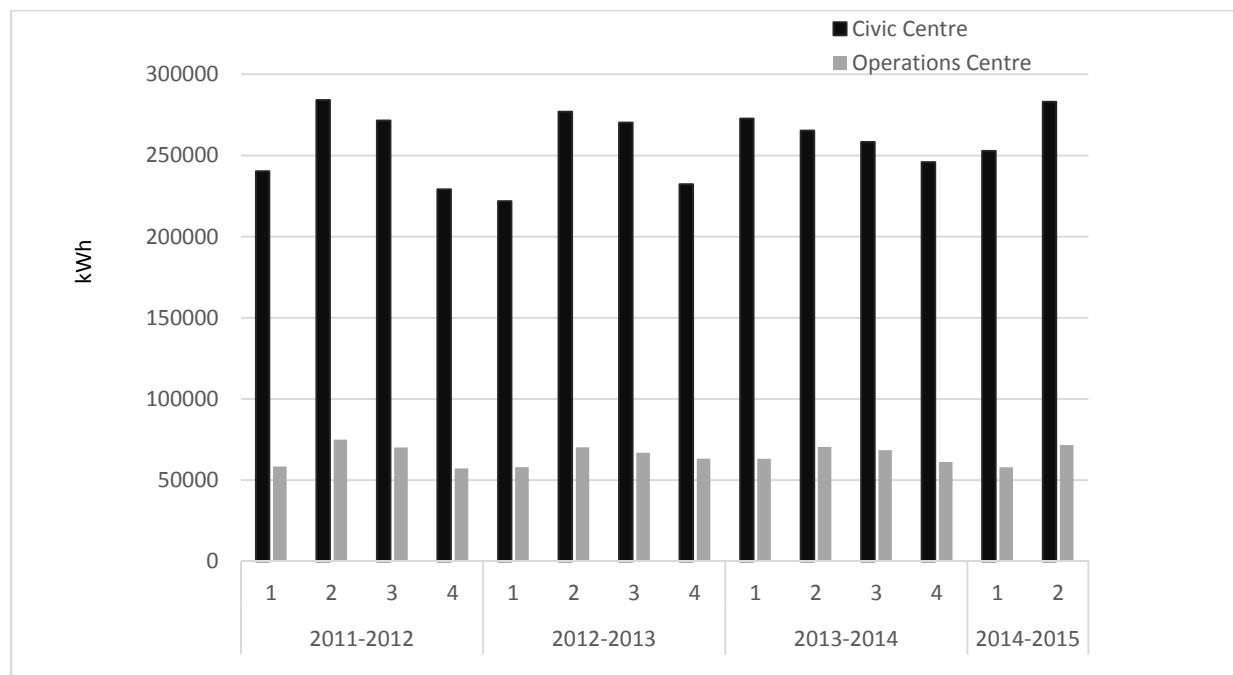


Figure 1 Electricity consumption of the Civic and Operations Centres

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A significant drop in grid-connected power is clear at Casuarina Library (shown in Figure 2 below), as a result of solar panel installation and significant energy efficiency measures. Compared with the same period last year this represents 30% saving in consumption, a financial saving of \$8,715 and around 28 tonnes of greenhouse gas.

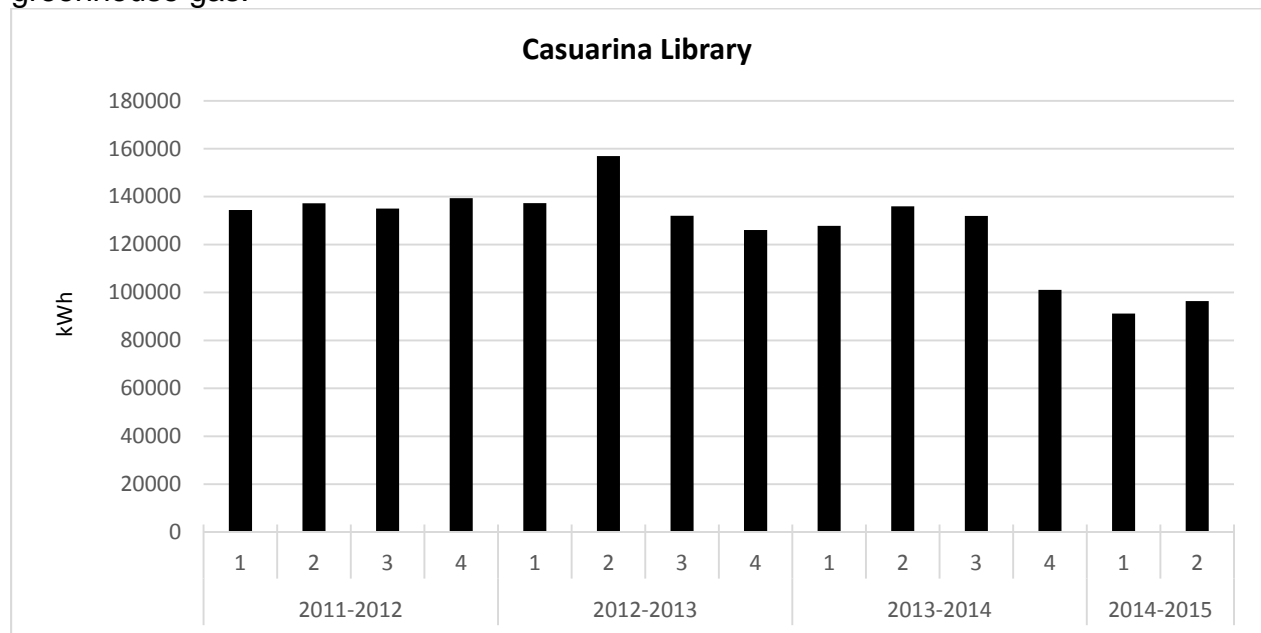


Figure 2 Electricity consumption of Casuarina Library

West Lane Car Park has shown consistent decrease in electricity consumption since the installation of Occupancy Sensors in amenities, Automatic Car Park Lighting Controls and External Lighting Replacement with LED in 2014, see Figure 3 below. Compared with the same period last year this represents 32% saving in consumption, a financial saving of \$9,622 and around 34 tonnes of greenhouse gas.

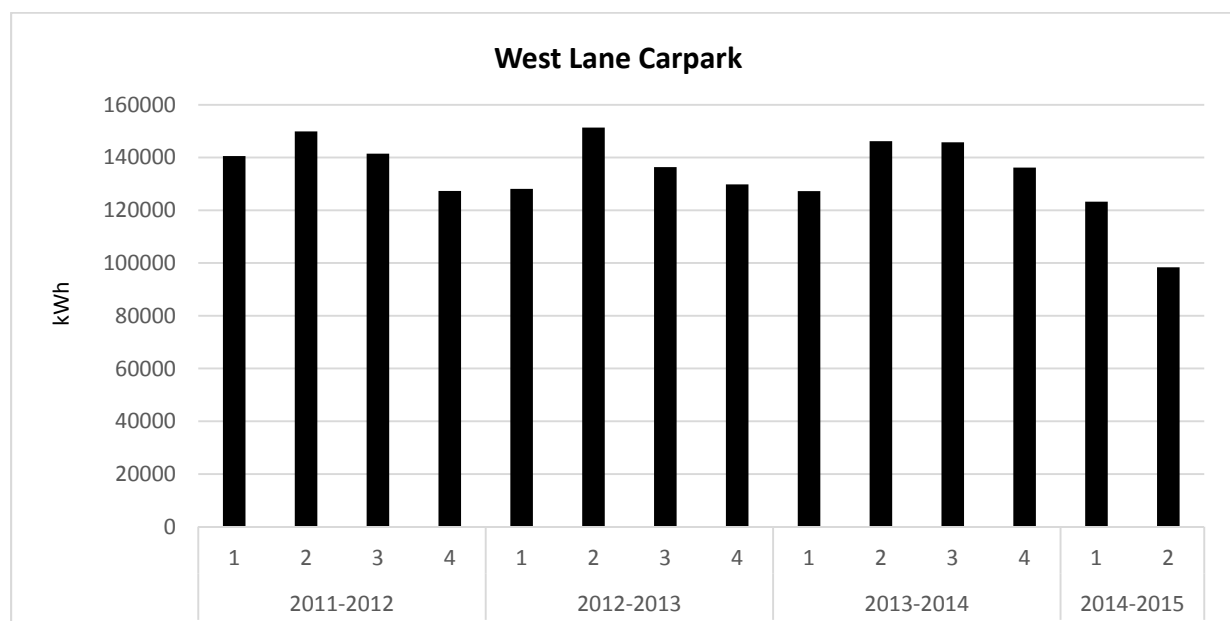


Figure 3 Electricity consumption of West Lane Carpark

Chinatown Car Park has also shown consistent decrease in energy consumption since the installation of Automatic Car Park Lighting Controls, Thermostat Controlled Air Conditioning and External Lighting Replacement with LED in 2014, see Figure 4 below. Compared with the same period last year this represents 47% saving in consumption, a financial saving of \$2,578 and around 28 tonnes of greenhouse gas.

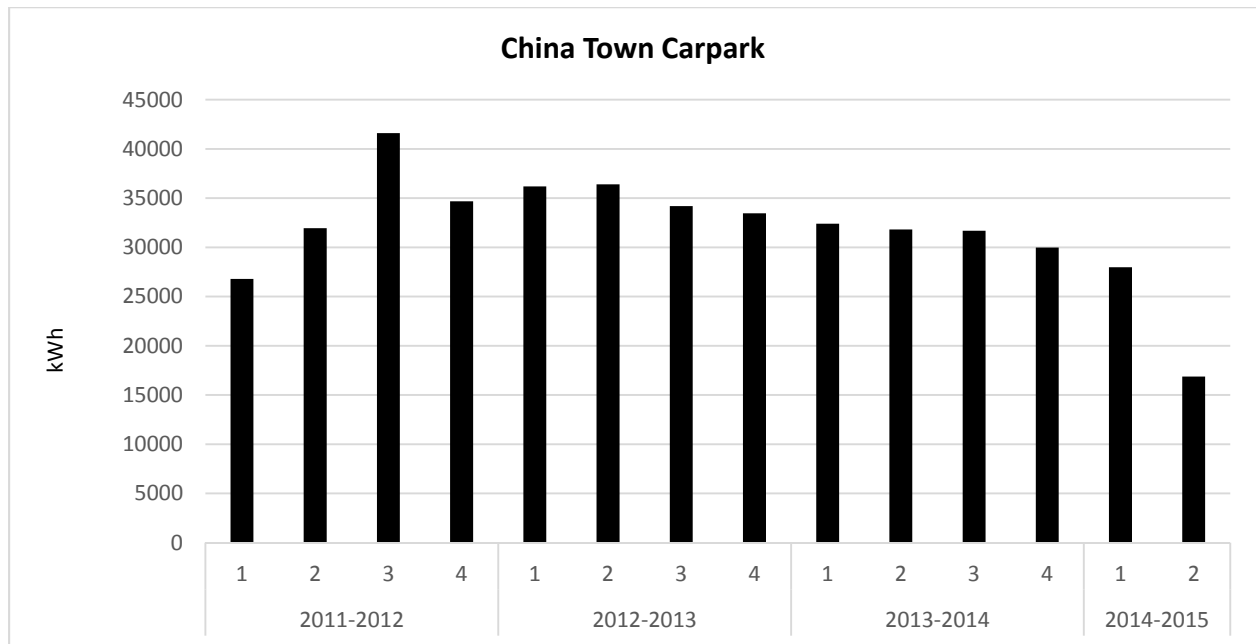


Figure 4 Electricity consumption of China Town Carpark

Electricity consumption across the three pools (Parap, Casuarina and Nightcliff) is erratic with no clear trend, see Figure 5 below. Parap Pool shows some decrease compared with last quarter and the same time last year, however both these periods were significantly higher than usual so the current period represents a return to more 'average' consumption.

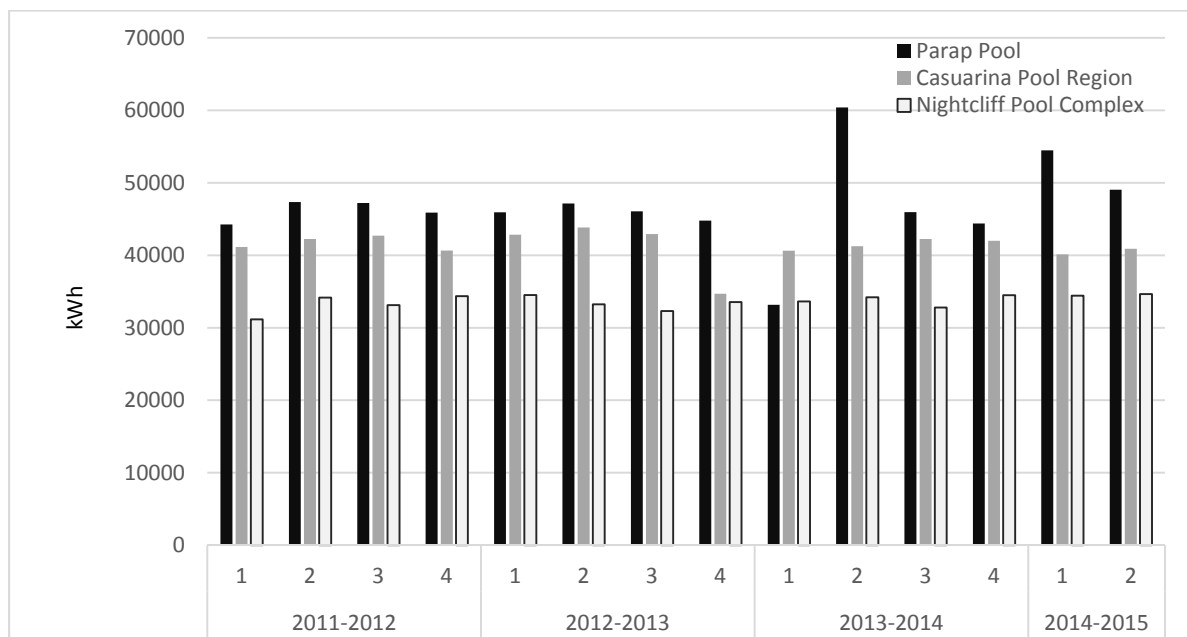


Figure 5 Electricity consumption of Parap, Casuarina & Nightcliff Pools

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TO DECEMBER 2014

In summary, electricity consumption is reducing across most sites. Figures 6 and 7 below show the trend of total electricity consumption and greenhouse gas emissions across the top 11 sites against the benchmark year 2008-2009. The figures are displayed with the top consuming sites on at the bottom of each column. Efforts to reduce electricity consumption at these sites will yield the greatest reductions overall. Significant savings have been made through the installation of energy efficiencies in unattended sites (such as car parks) and solar panels at Casuarina Library. A second installation of solar panels will occur in early 2015 and should deliver similar savings as Casuarina Library.

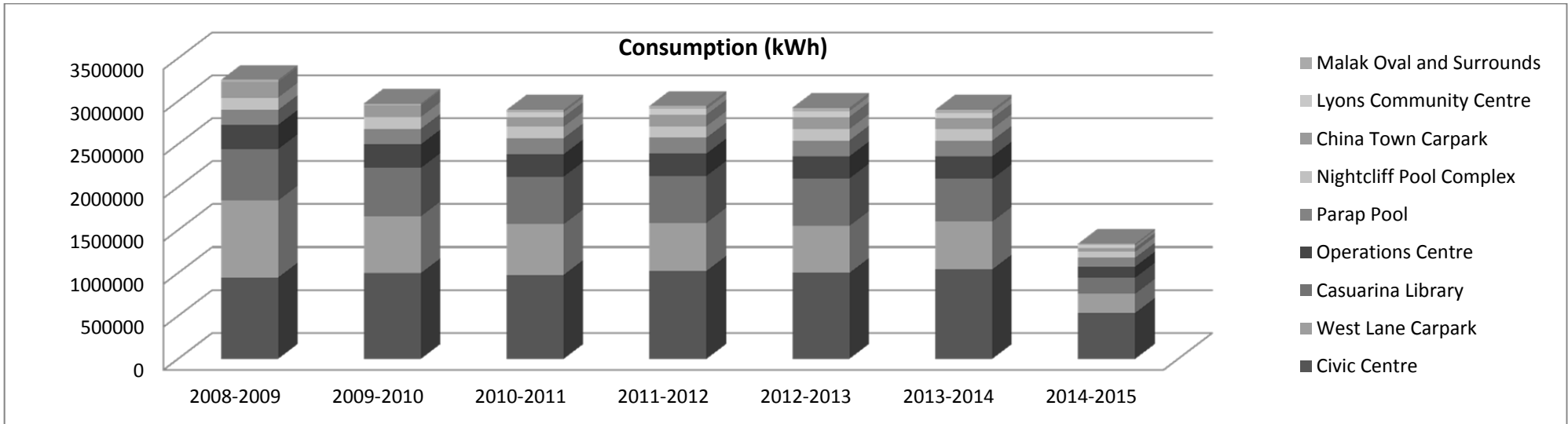


Figure 5 Total electricity consumption of the top 11 consuming sites.

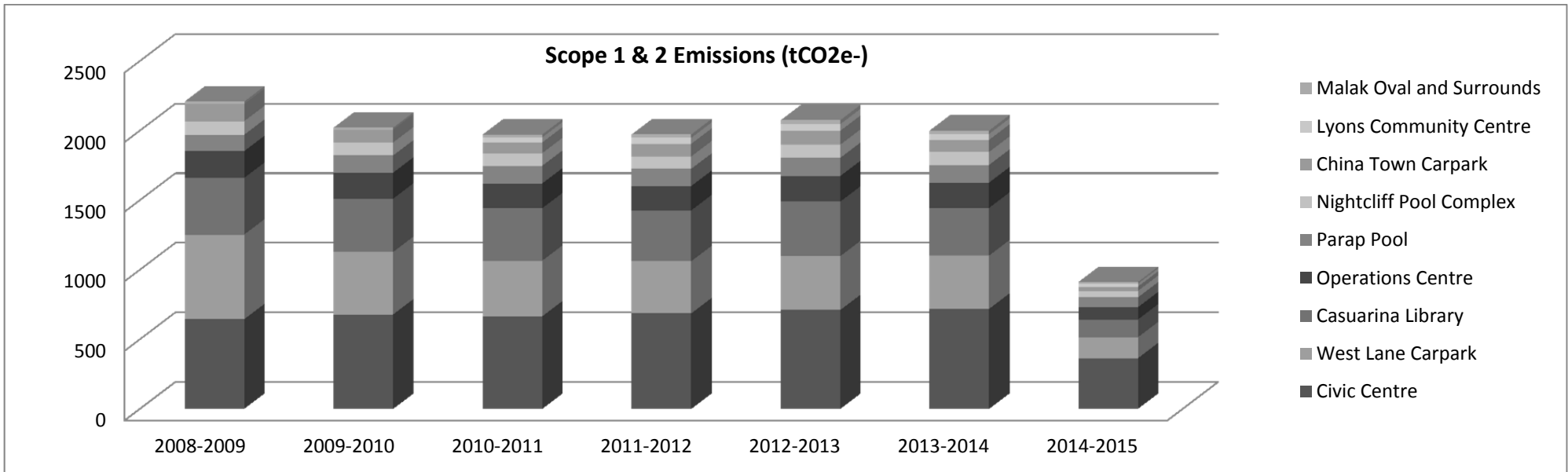


Figure 6 Total greenhouse gas emissions from the top 11 consuming sites.

Ride2Work Day

Primary CCAP outcome: Staff participation in Ride to Work day is increased.

Ride2Work Day was held on 15 October 2014. Climate Change and Environment hosted a free breakfast for community members cycling to work this day. The event well attended by at least 80 community members and supported by a number of private businesses (including Bakers Delight and Australian Bananas) as part of the national campaign. Good media coverage included a radio interview for Alderman Worden with local ABC mornings. Smoothie bikes were used to further promote cycling and the event was an opportunity to engage the community on the Draft Bike Plan which was released for public comment the week prior.

Territory Natural Resource Management Conference

Primary CCAP outcome: Information is shared and disseminated between partners.

City of Darwin presented a poster at the Territory Natural Resource Management (TNRM) Conference on 18 - 20 November 2014. The poster waste entitled “determining habitat condition and wallaby population at East Point Reserve” and presented the findings to date of biodiversity surveys, habitat monitoring and wallaby counts at East Point Reserve. The conference was attended by over 250 delegates and provided an excellent opportunity to network with government and non-government agencies as well as the broader community. As a result of this networking a university student studying wallabies in the Katherine region was engaged to provide advice on the (then) decreases in wallaby numbers.

Less Waste Workshops

Primary CCAP outcome: Community has a greater understanding of recycling and resource recovery.

A series of monthly community workshops focusing on sustainable living and reducing waste commenced in October 2014. Three workshops were held in the last quarter.

Pickles and Preserves: This workshop had an overwhelming response, with attendance capped at 25. The focus on this workshop was on reducing food waste by preserving fresh fruit and vegetables. The workshop was held in a commercial kitchen at the Alawa Primary School and participants came away with several jars of pickles and chutney.

Trash2Treasure: This workshop was also well attended with 15 community members joining us at the Darwin Community Arts workshop. The focus of this workshop was on repurposing items for reuse. Participants came away with drinking glasses and vases ‘upcycled’ from glass bottles.

I Love Leftovers: Due to the time of year this workshop was poorly attended. The focus of the workshop was on reducing food waste by cooking with leftovers. A meal was created with a variety of typical leftover food types and the group shared the meal and a discussion around food waste.

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Another six (6) workshops will be held in the coming months including Sustainable Living for Renters, Clothing Reuse and Worm Farming and Composting.

Community Tree Planting Day

Primary CCAP outcome: Native endemic habitat at East Point is increased.

As part of the ongoing revegetation of East Point and as part of the East Point Reserve Biodiversity 5 Year Management Plan 2014-2018, a community tree planting day was held on 13 December 2014. The planting day provided an opportunity to engage the community and to increase their understanding of actions Council are undertaking to increase biodiversity and reduce the impact on our local environment. Over 1,100 plants were planted on the day with initial indications of around 90% survival. The event was attended by the Lord Mayor and Aldermen Knox, Mitchell and Niblock.

CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Manager Infrastructure Maintenance
- Team Coordinator Building Services

In preparing this report, the following External Parties were consulted:

- Planet Footprint

POLICY IMPLICATIONS

Nil

BUDGET AND RESOURCE IMPLICATIONS

Nil

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Nil

ENVIRONMENTAL IMPLICATIONS

Nil

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TO DECEMBER 2014

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

SHENAGH GAMBLE
MANAGER CLIMATE CHANGE &
ENVIRONMENT

MARK BLACKBURN
EXECUTIVE MANAGER

For enquiries, please contact Shenagh Gamble on 89300530 or email:
s.gamble@darwin.nt.gov.au.

Attachments:

Attachment A: Energy Efficiency Measures Implementation.

ATTACHMENT A

Energy Audit Recommendation Implementation Schedule - Reviewed August 2014									
FACILITY	RECOMMENDATION	ESTIMATE ENERGY SAVINGS (kW/year)	ESTIMATED FINANCIAL SAVINGS (\$/year)	ESTIMATED INSTALLATION COSTS (\$)	ESTIMATED PAYBACK (year)	RESPONSIBLE DEPARTMENT	Notes		
Year 2 implementation									
Bishop Street	Occupancy Sensors in Amenities	1,804	\$ 593	\$ 2,800	4.7	Infrastructure	Completed		
Casuarina Library	Community Meeting Room Air Conditioning	22,090	\$ 7,268	\$ 28,900	4	Infrastructure	Already completed; however also being reviewed for efficiency. Further improvements expected		
Casuarina Pool	Occupancy sensors in Amenities	1,407	\$ 463	\$ 1,150	2.5	Infrastructure	Completed		
Malak Community Centre	Occupancy Sensors in the Amenities	1,604	\$ 528	\$ 2,200	4.2	Infrastructure	Not yet completed		
Malak Community Centre	Replacement of Flood Lighting with LED	1,009	\$ 332	\$ 1,800	5.4	Infrastructure	As items fail		
Nightcliff Community Centre	Occupancy Sensors in Amenities	1,586	\$ 521	\$ 2,800	5.4	Infrastructure	Completed		
Casuarina Library	External Lighting Replacement with LED	624	\$ 205	\$ 5,500	26.8	Infrastructure	As items fail <i>Brought forward from Year 3</i>		
Casuarina Library	Variable Speed Drive	5,804	\$ 1,910	\$ 15,000	7.9	Infrastructure	Not yet completed		
Casuarina Library	General Office & Library Lighting Replacement with LED	59,488	\$ 19,752	\$ 56,100	12.9	Infrastructure	Office LED completed.		
TOTALS		95,416	31,572	116,250	10.4				

ENCL:	ENVIRONMENT & INFRASTRUCTURE	AGENDA ITEM:	9.2
YES	COMMITTEE/OPEN		
EAST POINT RESERVE BIODIVERSITY 5 YEAR MANAGEMENT PLAN 2014 - 2018 UPDATE			
REPORT No.:	15TS0027 SG:nj	COMMON No.:	2415691
		DATE:	17/02/2015

Presenter: Manager Climate Change & Environment, Shenagh Gamble

Approved: Executive Manager, Mark Blackburn

PURPOSE

The purpose of this report is to provide an update on the actions outlined in the East Point Reserve Biodiversity 5 Year Management Plan 2014 – 2018.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

3 Environmentally Sustainable City

Outcome

3.3 Conserve and protect the Darwin environment

Key Strategies

3.3.1 Advocate for the conservation of natural systems

KEY ISSUES

- The East Point Reserve Biodiversity 5 Year Management Plan 2014 – 2018 implementation is progressing with all actions on track
- Most actions are being completed as part of regular activities of the Parks and Reserves staff

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

- A. THAT Report Number 15TS0027 SG:nj entitled East Point Reserve Biodiversity 5 Year Management Plan 2014 - 2018 Update, be received and noted.

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 REPORT NUMBER: 15TS0027 SG:nj
 SUBJECT: EAST POINT RESERVE BIODIVERSITY 5 YEAR MANAGEMENT PLAN
 2014 - 2018 UPDATE

BACKGROUND

At the 2nd Ordinary Council Meeting of 25 March 2014 Council confirmed the decision:

A. THAT Report Number 14TS0058 SG:nj entitled East Point Reserve Biodiversity 5 Year Management Plan 2014 - 2018, be received and noted.

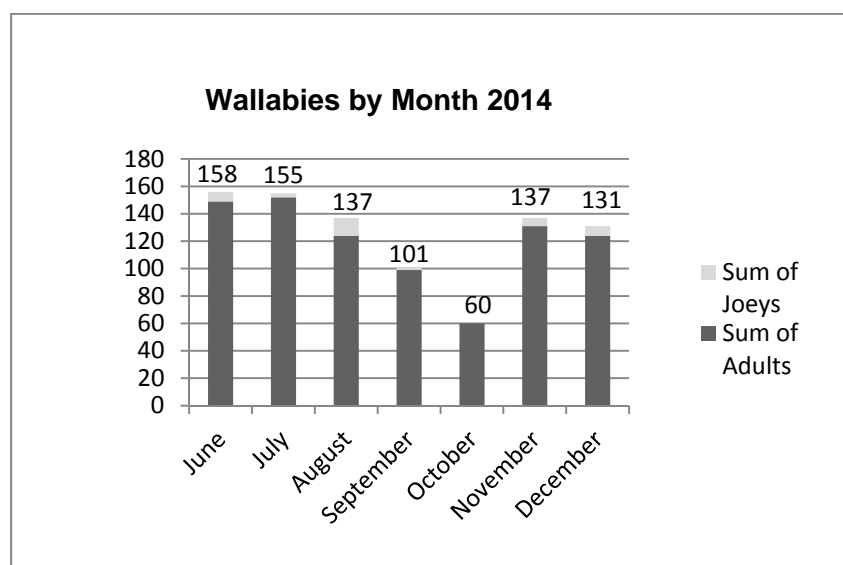
*B. THAT Council endorse the East Point Reserve Biodiversity 5 Year Management Plan 2014 – 2018; **Attachment A**, to Report Number 14TS0058 SG:nj entitled East Point Reserve Biodiversity Five year Plan 2014 – 2018.*

DECISION NO.21\1946 (25/03/14)

DISCUSSION

The Climate Change & Environment and Parks & Reserves teams have been working to implement the *East Point Reserve Biodiversity 5 Year Management Plan 2014-2018 (The Plan)*. Many of the actions in The Plan are ongoing and will continue within normal work plans. Actions of note this quarter include the increase in research requests (action 8), wallaby surveys (action 11) and the community tree planting day that assisted revegetation of the reserve (action 2) these are discussed below and a summary of other actions is found in Table 1.

Wallaby Surveys: Wallaby counts this quarter were lower than in previous months, recording only 60 wallabies in October, 137 in November and 131 in December (see Graph 1 below for overview of monthly wallaby counts since June 2014).



Graph 1 Monthly wallaby counts since June 2014

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SUBJECT: EAST POINT RESERVE BIODIVERSITY 5 YEAR MANAGEMENT PLAN
2014 - 2018 UPDATE

The reduction in wallaby numbers is most likely due to seasonal changes in weather conditions. Wallabies are known to change behaviour patterns during unsettled weather. It is suspected the wallabies were spending more time within the forest rather than grazing in open grassland areas. A second reason for the reduced count may be related to the proportion of green grass in areas historically frequented by large mobs of wallabies. The reduction in green grass is also attributed to a change in season and a lack of early wet season rainfall. To confirm these assumptions a second wallaby count was undertaken at sunrise in early November, resulting in a count of 53 wallabies. The early morning count not only confirmed the changed behaviour (of wallabies spending less time out in the open) but also endorsed the practice of surveying at night rather than the morning.

Two wallaby deaths were recorded in the last quarter, both appear to have died from human interaction, not of natural causes. One wallaby appeared to be hit by a vehicle with additional evidence of motor vehicles driving through no access areas of the reserve, this death reported to the Regulatory Services team. The second wallaby appeared to have suffered some kind of hunting wound, possibly having been shot. This matter was managed by the Parks & Reserves Team.

An additional benefit of the monthly wallaby surveys has been the incidental observations of a wide range of nocturnal fauna including bandicoots, owls and a range of reptiles. Cane toads are more apparent in the warmer (and wetter) months.

Community Tree Planting Day: A community tree planting day was held at East Point Reserve on 13 December 2014. Over 35 community members attended and assisted with planting 1160 plants to infill a degraded section of the rainforest. Indications are that the planting achieved a 90% survival rate which is considered high for a community planting. The tree planting contributes to ongoing revegetation actions.



Figure 1 Tree planting site East Point

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 SUBJECT: EAST POINT RESERVE BIODIVERSITY 5 YEAR MANAGEMENT PLAN
 2014 - 2018 UPDATE



Figure 2 Community members joining in tree planting

Research: There are several ongoing projects at the East Point Reserve with another PhD student project investigating revegetation of rainforest due to commence in June 2015. Current research activities include; forest based bird mist netting, fiddler crab population dynamics, shore bird monitoring, small mammal survival and reptile monitoring.

Upcoming Activities: Priorities within the Plan identified for 2015 include investigate funding opportunities to assist with the installation of an artificial Osprey nesting platform (action 10), moving from monthly wallaby surveys to quarterly surveys (action 11), and further assess viability of introducing the Atlas moth (action 12).

Summary of updates provided in Table 1 below:

Table 1 – East Point Reserve Biodiversity 5 Year Management Plan Action Update

	Management Actions	Action update October - December 2014
Action 2	Increase the current extent of rainforest through strategic revegetation and reduce edge effects.	A small block was revegetated with assistance of a community planting day in December planting around 1,000 plants. See Figure 4 in Attachment A.
Action 4	Plant Atlas Moth larvae food plants <i>Croton habrophyllus</i> and <i>Litsea glutinosa</i> in revegetation.	72 <i>Litsea glutinosa</i> and 21 <i>Croton habrophyllus</i> were planted as part of the community planting day.
Action 6	Continued control of all weed species.	Ongoing management of weed species continued. General weed management and spraying continued across the site. See Figures 1, 2, 3 in Attachment A

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 2014 - 2018 UPDATE

Action 7	a) Engage interested parties with the intention of developing an integrated approach to biodiversity management at the Reserve including a coordinated approach to weed management.	Currently working with Wildcare with regards to installation of signage with injured wildlife contact numbers. Onsite meeting was held with the Equestrian club to discuss concern with weed management. A meeting with the Aeromodellers club onsite was held to discuss tree removal and inappropriate species planting.
	b) Host quarterly meetings.	Due to the time of year the planting day provided the opportunity to engage with interested parties in lieu of a quarterly meeting.
Action 8	Continue to support external stakeholders undertaking research at the Reserve.	A PhD student from CDU has received funding to investigate revegetation techniques within the monsoon rainforest at East Point. The research project will start in June 2015.
Action 9	Support the protection of shorebird roosting areas within and adjacent to the Reserve.	Support through a permit for installation of a data logger tracking shorebirds has been given to a CDU research student that is monitoring shorebirds around Darwin including at East Point.
Action 11	b) Undertake wallaby population surveys each month for the first year to allow on-the-job training.	October: 60 wallabies November: 137 wallabies December: 131 wallabies Seasonal changes and windy conditions on count night were most likely a factor for a low wallaby count in October.

CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Parks and Reserves Coordinator
- Team Leader Central and Urban Precinct

POLICY IMPLICATIONS

Nil

BUDGET AND RESOURCE IMPLICATIONS

Nil

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

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SUBJECT: EAST POINT RESERVE BIODIVERSITY 5 YEAR MANAGEMENT PLAN
2014 - 2018 UPDATE

Nil

ENVIRONMENTAL IMPLICATIONS

This plan aims to maintain and improve biodiversity at East Point Reserve and will have positive environmental implications.

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

SHENAGH GAMBLE
MANAGER CLIMATE CHANGE &
ENVIRONMENT

MARK BLACKBURN
EXECUTIVE MANAGER

For enquiries, please contact Shenagh Gamble on 89300530 or email: s.gamble@darwin.nt.gov.au.

Attachments:

Attachment A: Maps of East Point Reserve Biodiversity 5 Year Management Plan
October – December 2014

October – December 2014 Actions Maps



Figure 1 October weed spraying



Figure 2 November weed spraying



Figure 3 December weed spraying



Figure 4 Community planting area

ENCL: ENVIRONMENT & INFRASTRUCTURE
YES COMMITTEE/OPEN

AGENDA ITEM: 9.3

FOOTPATH CONSTRUCTION - LAMPE STREET, FANNIE BAY

REPORT No.: 15TS0016 LC:jw

COMMON No.: 2937840

DATE: 17/02/2015

Presenter: Manager Design, Planning & Projects, Drosso Lelekis

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

The purpose of this report is to present to Council a petition regarding the construction of a footpath in Lampe Street, Fannie Bay and to consider whether the project will proceed.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

2 Vibrant, Flexible and Tropical Lifestyle

Outcome

2.2 A sense of place and community

Key Strategies

2.2.3 Improve the landscaping, streetscape, infrastructure and natural environment

KEY ISSUES

- Lampe Street, Fannie Bay has been programmed for a new footpath in the 2014/2015 financial year.
- The construction of this footpath is based on a combination of Council Policy and improving connectivity and walkability within the suburb.
- Consultation letters regarding the footpath's construction were sent out to owners and residents in Lampe Street on 29 October 2014, with a 28 day period for feedback.
- On closing of the feedback period, there were two (2) responses received by Council.
- Based on the initial feedback, construction was programmed for January 2015.
- In January 2015 Council was contacted with further objections and subsequently a petition objecting to the footpath was presented at the Council's Ordinary Meeting in January 2015.
- This report recommends acknowledging the petition and that Council not proceed with the construction of the footpath on Lampe Street at this stage.

PAGE: 2
 REPORT NUMBER: 15TS0016 NK:jg
 SUBJECT: FOOTPATH CONSTRUCTION - LAMPE STREET, FANNIE BAY

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

- A. THAT Report Number 15TS0016 LC:jw entitled Footpath Construction - Lampe Street, Fannie Bay, be received and noted.
- B. THAT Council not proceed with the construction of the footpath within Lampe Street, Fannie Bay in 2014/2015 following consideration of a petition from residents in the area.
- C. THAT Council write to the residents on the footpath construction, Lampe Street, Fannie Bay Petition advising of Councils decision not to construct the footpath and thanking them for their petition.
- D. THAT Council write to residents within Lampe Street, Fannie Bay advising of Council's decision not to construct the footpath in Lampe Street.

BACKGROUND

Lampe Street currently has no footpath on either verge for the length of the street. There are existing paths on East Point Road and MacDonald Street. Lampe Street has been identified for a footpath due to its linkages to Parap Primary School and Parap Shopping Centre, the nature and form of the road, the catchment area and linkages to existing path networks, refer to **Attachment A** of this report.

Lampe Street is a secondary collector road with approximately a 10 metre wide pavement, kerbs and gutter and a 50 km/hr speed limit. The verges are established.

A letter informing residents of the proposed footpath construction and seeking feedback was sent to owners and residents in the street on the 29 October 2014. Feedback was sought by the 26 November 2014.

There are 22 properties with property boundaries on Lampe Street. Two (2) objections were received in writing from residents by the feedback closing date and further objections were received in January 2015, see **Attachment B**.

Council received a petition which was tabled at Councils Ordinary Meeting in January 2015 and resolved as follows:

- A. *THAT the Petition, Document Number 3004744 in relation to the footpath construction in Lampe Street, Fannie Bay Darwin, be received and noted.*
- B. *THAT the Petition, Document Number 3004744 be referred to an Environment & Infrastructure Committee Meeting*

DECISION NO. 21/2926 (27/01/15)

Carried
 ACTION: GM INFRA

PAGE: 3
 REPORT NUMBER: 15TS0016 NK:jg
 SUBJECT: FOOTPATH CONSTRUCTION - LAMPE STREET, FANNIE BAY

DISCUSSION

A petition has been received by Council from residents of Lampe Street, Fannie Bay strongly objecting to the construction of a footpath, **Attachment C**.

The petition states;

We the undersigned residents of Lampe St, Fannie Bay, strongly object to the construction of a footpath in our street. The footpath will make our job harder to maintain the nature strip with two extra edges to trim. There is very little foot traffic in our street. Many trees will either have to be removed or damaged for the footpath. We consider the footpath to be totally unnecessary and a waste of money.

There are a total of eleven (11) names on the petition from seven (7) properties.

City of Darwin Policy Number 048 – Footpaths states;

Footpath Construction and Reconstruction for Existing Roads

Within financial constraints and priorities based on condition and need, Council will provide a footpath on:

- (i) one side of the road for local roads*
- (ii) both sides of the road for collector roads and above on the road hierarchy.*
- (iii) the side of the road containing medium to high density residential housing*
- (iv) the side of the road containing commercial, special use, industrial and community purpose zonings.*
- (v) a side of the road to meet a special need.*

Where a footpath is not provided, access to all properties must be provided via the driveway in accordance with AS1428 Part 1, subject to physical constraints.

The works in Lampe Street, Fannie Bay have not commenced and have been postponed until Council considers the petition received and resolves a course of action.

Residents in Lampe Street have been informed.

In consideration of the way forward Council could:

- i. Proceed with construction as planned
- ii. Proceed with construction of the path on the opposite side of Lampe Street
- iii. Not proceed with construction

Council could continue with the construction of the footpath, however in consideration of the objections received and the policy, it is recommended that the footpath construction not proceed in 2014/2015 and that it be reconsidered in the future, if there is a change in support from residents in the area, a special need is identified or a Council decision.

PAGE: 4
REPORT NUMBER: 15TS0016 NK:jg
SUBJECT: FOOTPATH CONSTRUCTION - LAMPE STREET, FANNIE BAY

CONSULTATION PROCESS

Consultation in Lampe Street has been undertaken as described in the report.

Should Council decide to proceed with construction on the opposite side of the street it is recommended that consultation re-occur to provide residents with an opportunity to comment on the change.

Residents and owners in Lampe Street will be advised of Council's decision regarding the footpath.

POLICY IMPLICATIONS

City of Darwin Policy Number 048 – Footpaths.

BUDGET AND RESOURCE IMPLICATIONS

The footpath construction is contained within the 2014/2015 budget.

If the project is deferred then the funds will be utilised to deliver a footpath in an alternate location.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Construction of the footpath would provide a designated area for pedestrians.

The path would be constructed in accordance with access for all requirements.

Residents in the catchment area may have opposing views.

ENVIRONMENTAL IMPLICATIONS

Increasing pathway infrastructure improves connectivity and walkability for pedestrians which could result in more people walking, reducing reliance on vehicles for short trips.

PAGE: 5
REPORT NUMBER: 15TS0016 NK:jg
SUBJECT: FOOTPATH CONSTRUCTION - LAMPE STREET, FANNIE BAY

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

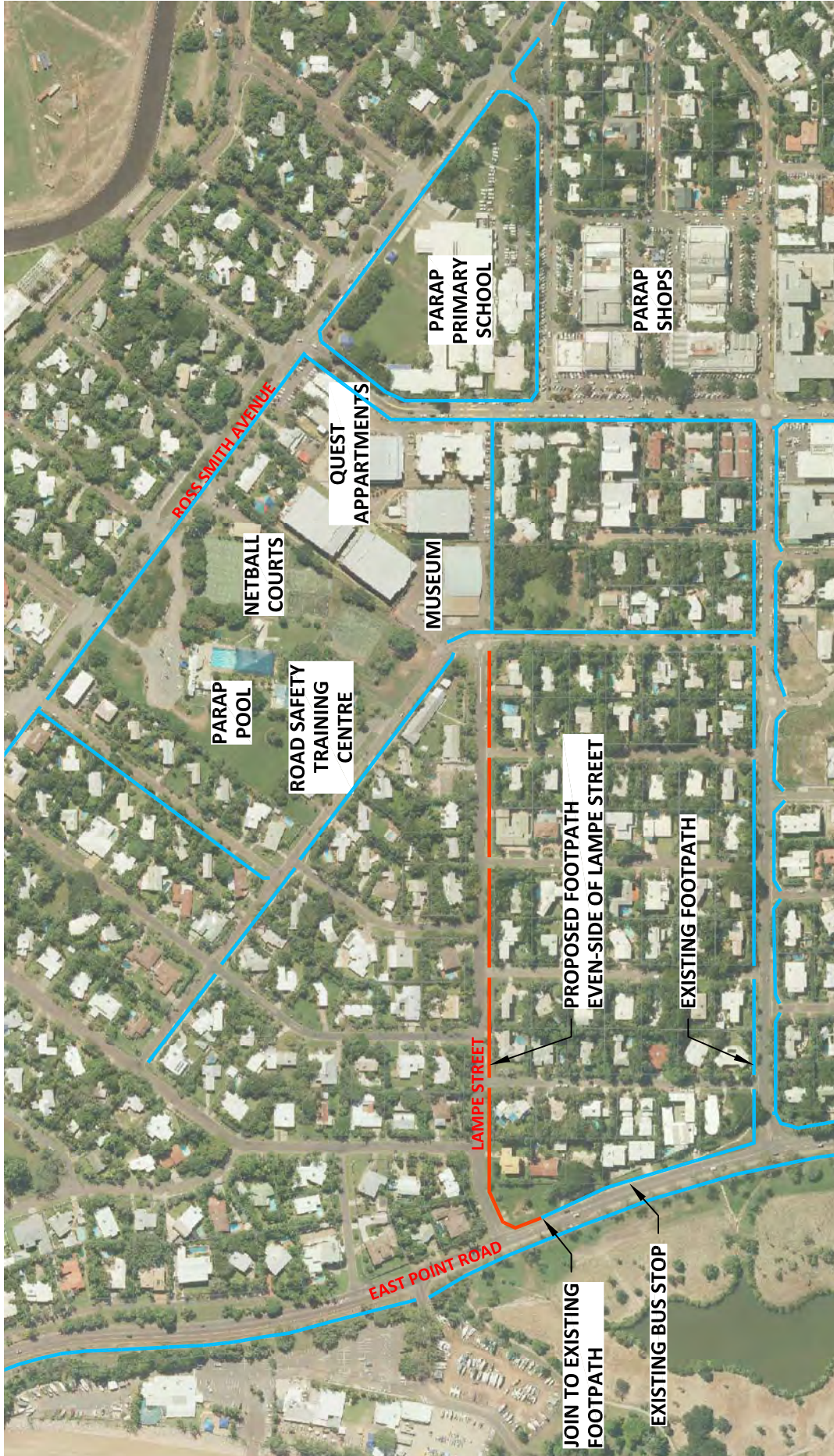
DROSSO LELEKIS
MANAGER DESIGN,
PLANNING AND PROJECTS

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Luccio Cercarelli on 8930 0581 or email:
l.cercarelli@darwin.nt.gov.au.

Attachments:

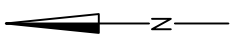
- Attachment A:** Map - Proposed footpath on Lampe Street and catchment area
- Attachment B:** Objections received from residents
- Attachment C:** Lampe Street Footpath Petition



LAMPE STREET, PARAP - PROPOSED FOOTPATH LAYOUT PLAN

DRAWING Not to Scale

COD CAD FILE:K:\Investigations 14--15\Lampe Street, Parap - Proposed South Side Footpath -ZY_CN293784.0.dwg



2nd November 2014

Nik Kleine

Team Leader Capital Works darwin@darwin.nt.gov.au; Nik.Cline@darwin.nt.gov.au



RE: Footpath Construction – Lampe St, Fannie Bay
NO: 2937840

Dear Nick

We have lived here since 1980. There had been an idea many years ago to build a footpath in this street, you may have the records. The footpath suggested then was on the ODD side of the street which made sense to all of us, in this street, at the time. I would therefore ask that you look at our reasoning as to why we thought this was a good idea, and change sides for the footpath to the ODD side.

1. SAFETY

- The road leading onto East Point Road from the ocean (or Sailing Club and Trailer Boat Clubs) naturally leads onto the ODD side of Lampe St. Many pedestrians already do this, and walk up on the ODD side so that they don't have to cross over onto the EVEN side of Lampe St to walk up the hill. Crossing here is dangerous as many cars cut the corner turning right from East Point Rd into Lampe St. We have seen many accidents on this corner.
- The nature strip on the ODD side is wide and pedestrians on a footpath can be easily seen by vehicles turning from the wide side streets (Conigrave St, Green St, etc). The streets on the EVEN side (Knight St, etc, etc) are narrow and vehicles will have trouble seeing pedestrians. This is especially relevant if children are going downhill fast on their bikes, scooters, or skateboards, and for women with prams. There are lots of children and mums walking their kids to Parap Primary School, and the kids ride home along the ODD side now because they know that it's a lot safer.
- If the footpath was on the ODD side it would naturally lead up to the laneway that goes through to the Parap Shopping Village, and the Air Hanger, the historical site that a lot of visitors walk to. This is on the ODD side of Lampe St.

2. Ease of Construction and therefore More Economical.

- The EVEN side has many long established trees, and many power poles. It is also narrower. Building a footpath here will be an expensive nightmare for you, whereas the EVEN side is relatively clear.

We would like to meet you here to show you all this. If you come here you will see that building a footpath on the EVEN side is not a good idea, mainly because it is very dangerous. I am an X-Nurse and often have to go to the corner of Lampe St and East Point Road for accidents, some of them pedestrians, as they try to cross over to the EVEN side.

Please get back to us. Our phone NO is:



Yours sincerely



[REDACTED]

From: [REDACTED]
Sent: Monday, 24 November 2014 6:13 PM
To: City of Darwin
Subject: Footpath Construction- Lampe Street Fannie 2937840 NK;jg

To Whom It May Concern

Footpath Construction- Lampe Street Fannie 2937840 NK;jg

My family has lived at [REDACTED] Lampe Street Fannie Bay for the past 14 years.

I am opposed to the placement of a footpath outside my home for the follow reasons:

1. We have 4 healthy frangipani trees, one mango tree that would be possibly removed or significantly affected to allow room for a footpath.
2. The care required to maintain the edges of a path will be difficult, and an unkempt path is an eyesore.
3. The Council constructed a drain outside [REDACTED] Lampe Street in 2012 , damaged my footpath, ripped up my reticulation system and there was no effort to correct the damage to the lawn, or reticulation.

This was a costly exercise to us, even though I acknowledge our home has benefited with improved drainage. I do not want the Council to do further damage with the trees we have planted and cared for.

4. Despite the improved drainage the foot path becomes very soggy and drenched, from the huge load of water that flows down Lampe Street. A cement footpath will become slippery and possible grow moss, with the constant damp in the wet season.

We should not be expected to use an electrical cleaner to clean the cement and keep it safe. The Council would not have resources to keep it clean and safe.

In summary,

We keep our footpath green, mowed lawns and have spectacular frangipanis. A cement footpath, beside poor aesthetics and the damage to beautiful tress, will create a risk to the public being slippery from a current deluge of rain and accepted drainage.

Please re consider your foot path construction.

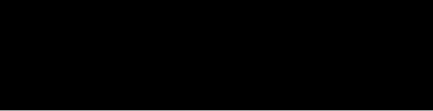
Kind regards

[REDACTED]

[REDACTED]

[REDACTED]

From



25.1.2015

To

Rt Worshipful Lord Mayor
Katrina Fong Lim
Darwin City Council

Subject... Council Proposal to build a Footpath on Lampe St

Dear Katrina,

Having just returned from out of the Territory over the Christmas break I have discovered that the Darwin City Council has decided to build a footpath on the City side of Lampe St, from East Point Rd to McDonald Street, Parap. I believe the project will commence this week.

Your Council apparently letter boxed one side of the road, (over the Christmas break). Many people in the street knew nothing about the proposal until a concerned long time resident spoke to a Council employee (Trevor, a recent arrival from down south), who told the resident that "it was Council policy and "whatever you say, it will be going ahead".

From my knowledge no one in the street is in favour of the proposed footpath, in fact many object vehemently to the idea. Residents have been proud of the work they do in maintaining their verges and the green scape vista which borders both sides of the street. There are also footpaths existing on Holtz St, McDonald St and Gregory St, which can carry the small amount of pedestrian traffic in the area, alleviating the need for a footpath in Lampe St.

A petition is presently being signed by residents to protect against this arbitrary approach by Council to impose a footpath where it is not wanted.

Some years ago a local footpath was proposed by Council and one of our then alderman (Heather Sjoberg) contacted residents in the Street to ask their views. They gave her a definite "NO!" and the proposal did not proceed. Unfortunately this did not happened on this occasion, and Councils only contact was made over the Christmas Holiday period, when as you would be aware, most Darwinian's travel out of town.

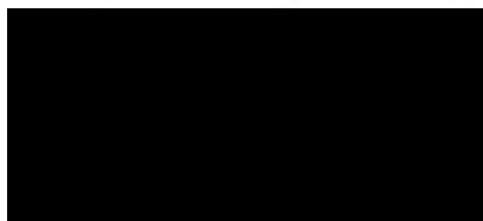
I am advised that Nick Kline is in Charge of the Council team responsible for the implementation of the proposed footpath.

I am asking you to please halt any further action on the construction of the proposed footpath in order to enable Council to

1. Fully consult the residents of Lampe St.
2. Explain why Gregory St with a footpath on either side of the road does not satisfy the pedestrian traffic between East Pt Road and Parap Rd (with a traffic light controlled Crossing of East Point Road serving serving pedestrians)
3. Look at transferring the Footpath funding to a street where the residents want a footpath constructed.

I ask you to please act urgently as I have been told work will commence this week.

Regards



25/1/2015

27th January 2015

Dear Katrina

As you are aware now, here is a proposal to put a footpath on Lampe St, a beautiful street with wide grass verges and trees. The majority of residents oppose this. Most did not know that this was happening.

I have spoken to an elderly resident on Lampe St who said that there was a footpath in Lampe in the 50's. The council dug it up as people were getting run over on East Point Road to cross over to the street. You may have a record.

I have met with the council rep last Wednesday to discuss the footpath proposal. After standing on the nature strip for 20 minutes we just went around in circles. He even said that he didn't know why there was a footpath on the other side of East Point Road, and that perhaps we need lights on East Pt Rd so people could cross the road to get onto a footpath in Lampe St! This is crazy. Obviously we do not want people to cross over East Point Rd at all to get skittled. Apparently letters will be coming out to the Lampe St residents this week re measuring up for the footpath, and the footpath will go ahead.

The people in Lampe St do not want a footpath at all, on either side. Paths already lead to Gregory St, and Ross Smith Ave.

Everyone is upset about this, and we the majority in the street have signed a petition which I have dropped at the front counter this morning.

Thankyou for your involvement in this. We are truly grateful.

[REDACTED]

NIK KLEINE.

33

To: Jeanette Anictomatis

ATTACHMENT C

Helen GORTON

SIMON NIBLOCK

27/1/15

FAX NO: 89300311

2 pages (inc this)

ATTENTION NIK KLINE & TREVOR - FAX: 89300311

24th January 2015

Nik Kleine
Team Leader Capital Works
PH: 89300586



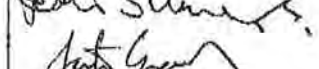



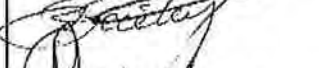

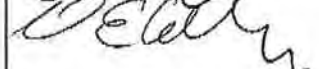
Trevor ? Surname
Team Leader Footpath Construction Fannie Bay
Mob: 0407 407 555

From: Residents of Lampe St, Fannie Bay, Darwin.

RE: Footpath Construction – Lampe St, Fannie Bay
NO: 2937840

We the undersigned residents of Lampe St, Fannie Bay, strongly object to the construction of a footpath in our street. The footpath will make our job harder to maintain the nature strip with two extra edges to trim. There is very little foot traffic in our street. Many trees will either have to be removed or damaged for the footpath.

We consider a footpath to be totally unnecessary and a waste of money.

NAME (PRINT)	ADDRESS	PHONE NO	SIGNATURE
SUE + PADDY COLEMAN			
Iain + Helen Summers			
Justin Grooms			
GRACEY BRADSHAW			
DARYL MANZIE			
MAUREEN MANZIE			
TREVOR BAILEY			
Dan Lauder			
Vicki Collins			

ENCL:	ENVIRONMENT & INFRASTRUCTURE	AGENDA ITEM:	9.4
NO	COMMITTEE/OPEN		
CAPITAL WORKS - DECEMBER QUARTERLY REPORT			
REPORT No.:	15TS0010 NK:jg	COMMON No.:	1541601
		DATE:	17/02/2015

Presenter: Manager Design, Planning & Projects, Drosso Lelekis

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

The purpose of this report is to provide an update on the status of Capital Works projects within the 2014/2015 budget, for the October to December 2014 Quarter.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

5 Effective and Responsible Governance

Outcome

5.5 Responsible financial and asset management

Key Strategies

5.5.1 Manage Council's business based on a sustainable financial and asset management strategy

KEY ISSUES

- The City of Darwin's 2014/15 Capital Works budget is \$34.8 million.
- This report updates Council on the progress of the 2014/2015 Capital Works projects managed by the Infrastructure Department (total \$30.2 million) for the October to December 2014/15 Quarter.

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

THAT Report Number 15TS00010 NK:jg entitled Capital Works - December Quarterly Report, be received and noted.

PAGE: 2
 REPORT NUMBER: 15TS00010 NK:jg
 SUBJECT: CAPITAL WORKS - DECEMBER QUARTERLY REPORT

BACKGROUND

City of Darwin's 2014/2015 Capital Works Budget as at 31 December 2014, is \$30.8million.

As of the end of December 2014, City of Darwin has committed or completed projects to the value of \$15.9 million which represents 46% of the City of Darwin's total Capital Budget.

Of the total Council Capital Works Budget, \$30.2 million is directly managed and delivered by the Infrastructure Department. This report focuses on the progress of projects within the Infrastructure Department.

DISCUSSION

As of the end of December 2014, the Infrastructure Department has committed or completed projects to the value of \$13.8 million which represents 46% of the total infrastructure component of the City of Darwin's Capital Budget. A number of the significant projects are subject to separate reports and decisions of Council.

The following is a summary of the status of some significant valued projects within the 2014/2015, Infrastructure Capital Works Program as of the end of December 2014:

- **Road Resurfacing: \$2.3 million**

The road resurfacing program commenced in September 2014 and all works are expected to be completed by early June 2015. The works have been programmed and commenced, with the bulk of works being undertaken in the 4th quarter following the end of the wet season. A contract is in place for the works.

- **Playground Refurbishment: \$1.6 million**

The status of some of the projects within this program are as follows:

i). Playground Refurbishment 2013/14 Program (carry forward) - \$131,604.

Young Park, Duke Park, Anthony Memorial Park, Dashwood Park, Warrego Park and Allen Park were completed in July 2014. Cameron Park was delayed due to equipment supply issues and is now completed.

ii). Anula Regional additional Playground Shading - \$50,000

Community consultation to be undertaken in conjunction with playground refurbishment - consultation to commence in 4th quarter of 2014/15. This will form part of the refurbishment project for this playground.

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 SUBJECT: CAPITAL WORKS - DECEMBER QUARTERLY REPORT

iii). Playground refurbishment 2014/15 - \$240,823

Two (2) neighbourhood park playgrounds have been selected for refurbishment - Greenwood Park, Moil and Brazil Park, Karama. Level two (2) community consultation plans have been developed for implementation in January/February 2015.

A consultation plan will be developed for Anula Regional Playground refurbishment. Consultation is intended to be undertaken in March and April 2015. Funding provided is for preliminary design, consultation and works, with the balance of works to be undertaken in 2015/2016, subject to budget provisions.

iv). Lyons Hall Playground Shade - \$40,000

Procurement being finalised, with project delivery March 2015.

v). Moil Oval Playground - \$45,000

A level two (2) community consultation plan for this project has been developed for implementation in the next quarter.

vi). Jingili Water Gardens Skate Park Upgrade - \$450,000

Tender for detailed design and construction was awarded in November 2014. Design has commenced and will be finalised by the early March 2015. Construction will commence in March/April 2015 and the park will be complete in June 2015. It is intended to have the skate park in use during the mid-year school holidays.

Park construction will be in concrete and finished to a standard that meets with key performance indicators for skate parks developed by Skateboarding Australia, the peak body for skateboard sports in Australia.

vii). Richardson Ward Project - \$315,795

Construction of playgrounds is completed.

- **Nightcliff Oval Fence - \$50,000**

Grant funding of \$50,000 was received in the 4th quarter of 2013/14 from the Northern Territory Government to fund the replacement/construction of a fence around the Nightcliff Oval playing surface. The new fence will be a 1.2 metre high, galvanised post, top and bottom rail with black chainmesh infill. A suitable date for works is being negotiated with the ground user groups to minimise disruption. Construction is envisaged to be undertaken in March 2015 to coincide with changes in sport seasons.

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- **Nightcliff Pool Pump: \$691,612**

The majority of works and commissioning of equipment were completed during December 2014. The pool was reopened to the public on 7 December 2014. Minor finishing works were undertaken during January 2015.

- **Nightcliff Café: \$1.5 million**

Council approved the design concept for the Nightcliff Café at its Ordinary Meeting on 9 December 2014. Design and documentation finalisation for the building is underway. It is anticipated that the builders Ray Laurence Construction will lodge a Development Application in March 2015. The Café is expected to be opened in November 2015.

- **Master Plan, Lot 8657 Nightcliff Foreshore (Stage 1)**

Council endorsed the Master Plan in December 2014. Council further approved the implementation of Stage 1 works identified by the Plan to be undertaken over the 2014/2015 and 2015/2016 financial years subject to available budget.

Over the coming quarter, works will commence with progressing the relocation and upgrade of the Nightcliff Pool fence, following the relocation of the pool pump house. In addition works to the foreshore fencing to close gaps that exist in this area will also be progressed. It is anticipated this work will commence in March 2015.

Design work will also be commenced on the new shared path which will follow the foreshore including path lighting.

- **Malak Oval Training Lights: \$373,480**

Project has been completed.

- **Stormwater Upgrades: \$1.47 million**

2014/15 Program consists of one (1) major project, being Tiwi Gardens Road & Manbulloo Street, Tiwi.

Works commenced in November 2014 and are progressing. The project is expected to be completed by March 2015, weather permitting.

- **Shared Path Construction and Reconstruction: \$738k**

Projects for the 2014/15 financial year will be determined by recommendations from the Darwin Bike Plan once it has been adopted by Council. It is expected the Bike Plan will be adopted in March 2015 and construction of works will be completed by 30 June 2015.

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 SUBJECT: CAPITAL WORKS - DECEMBER QUARTERLY REPORT

- **Pathway Construction and Reconstruction: \$1.058 million**

Community consultation has been undertaken. Footpath construction has commenced. Program is scheduled to be completed by end of June 2015.

- **Road to Recovery (Esplanade Resurface Reconstruction) 1.6 million**

The design/documentation for the Esplanade Resurface Reconstruction Project, which was the subject of a Road to Recovery funding bid, is nearing completion. The production of tender documents is proceeding. Funding confirmation has been received from the Australian Government and it is envisaged that the project will go to tender in the 3rd quarter and that construction will commence May 2015 and be completed by October 2015. The total project value over the two (2) financial year period is estimated at \$3.4million and is fully funded by the Australian Government.

- **Coastal Erosion: \$946,000**

The status of projects within this program is as follows:

- i). Coastal Erosion Management Plan - \$896,000

Design and documentation for the Nightcliff North rock seawall commenced. Environment Protection and Biodiversity Conservation Act, self-assessment has been undertaken with a final report identifying any requirements to be received in January 2015. An application for an Aboriginal Areas Protection Authority certificate is underway.

Tender documentation will be prepared for advertising in the third quarter with construction envisaged to start in the fourth quarter. Community consultation to inform the community of the project will commence in the 3rd quarter. The sea wall will be delivered during the 2015 dry season with funding for the project split over the 2014/15 and 2015/16 financial years. Total project cost is estimated at \$1.6 Million.

- ii). Rock Wall Kurrajong Street – \$50,000

Construction underway completion envisaged January/February 2015.

- **Darwin City Centre Master Plan Projects: \$3 Million**

Master Plan Projects (MPP) were subject to a separate report presented to Council in September 2014.

An overall communication plan for the MPP has been developed, discrete community consultation plans are being developed to suit individual projects.

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 SUBJECT: CAPITAL WORKS - DECEMBER QUARTERLY REPORT

The following is a summary of the progress of each of the identified projects:

Project	Status
MP002 Smith Street/The Esplanade Intersection Treatment	Detailed design and documentation is nearing completion. Tender documentation being prepared for advertising in February/March 2015.
MP009 Bicentennial Park Playground	Detailed engineering survey completed. Project brief being developed for advertising of a Request for Proposal to design and construct in February 2015. Innovation is being sought as well as inclusion of water play elements. Feasibility into making this area and/or the whole Esplanade Wifi accessible is being undertaken for inclusion if considered viable.
MP010 Bicentennial Park View Corridors	Works completed September 2014.
MP012 Esplanade Parade	Detailed engineering survey completed. Assessment of feasibility to construct path underway. Project to commence in April 2015.
MP032 Smith– Daly Street Intersection	Intersection analysis concept design and cost estimation of the works is underway. Council has been successful in securing funding from the Black Spot Program to the value of \$550,000. Anticipated call for tenders early in the 4 th quarter following community consultation.
MP036 Smith–Bennett Street Intersection	Detailed design and documentation is nearing completion. Tender documentation being prepared for advertising in February/March 2015.
MP037 Tamarind Park Upgrade	Detailed engineering survey is complete. Consultation with stakeholders has been undertaken to inform design concept. Concept being documented. Tender documentation being prepared for advertising in February 2015. Project will include elements such as improved connectivity, Wifi, upgraded lighting and flexible spaces for use. Council has also been successful in obtaining a grant of \$42,000 for this project.
MP044 Cooling Weather Protection Prototype	Consultation on geo thermal cooling potential with CDU has identified that use of geo thermal cooling does not have potential. Other options to provide project deliverables will be explored in 2015.

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- **CBD Public Toilet - \$250,000**

Tenders for the provision of an automated toilet as per the intent of the approved 2014/2015 budget will be called in February/March 2015.

The toilet will be positioned in Civic Park adjacent to Smith Street. It's final location will be determined following consultation with adjoining property owners and take into consideration factors such as CPTED principles and service locations.

The facility will be operated as being accessible 24hrs a day seven days a week, therefore an automated toilet is the preferred option. The tender will consider alternatives if proposed.

- **Photovoltaic System Operations Centre - \$200,000**

Tenders will be called for the installation of a photovoltaic system at Council's Operations Centre in Bishop Street in February 2015.

Power Water Corporation have approved a system to a maximum size of 100KVA for the facility.

Works are anticipated to be completed by 30 June 2015.

- **Emergency Back Up Generators - \$600,000**

- i. Bishop Street

- Works on a generator and new UPS to provide power in the case of an emergency, to the entire facility were awarded and commenced.

- ii. Civic Centre, CBD

- Design and documentation of an emergency generator for back up power will progress. Tenders will be called in February 2015 and works are anticipated to be completed by 30 June 2015.

- **West Lane Car Park Fire Service Upgrade - \$200,000**

The design and documentation for the upgrade to the water services in the event of a fire and the replacement of underground water services to tenancies was completed. Tenders to be called in January. Works anticipated to be completed in May.

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 SUBJECT: CAPITAL WORKS - DECEMBER QUARTERLY REPORT

- **Nightcliff Community Hall Airconditioner - \$220,000**

A scope of work with sketches was provided to the Hall stakeholder group, Corrugated Iron for comment. Design and documentation being prepared for tenders to be called in February. Liaison and consultation will include all user groups. Works anticipated to be completed in May.

CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Asset Accountant
- Team Leader Capital Works
- Manager Technical Services
- Manager Infrastructure Maintenance
- Team Coordinator Building Services

Consultation on individual projects contained within the 2014/15 Capital Works Program will be undertaken in line with Councils Community Consultation Policy, number 025.

POLICY IMPLICATIONS

All works are undertaken with consideration of Council policies.

BUDGET AND RESOURCE IMPLICATIONS

As provided within the body of this report.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

All works undertaken within the capital works program will be undertaken in compliance with appropriate legislation.

ENVIRONMENTAL IMPLICATIONS

Deliverables from the projects identified within this report will have where practical, sustainable aspects built into them such as solar powered energy efficient devices, re-use of water and consideration of long-term maintenance outcomes.

Environmental implications for the construction of the Nightcliff Seawall (Coastal Erosion program) are currently being assessed and a report identifying any impacts and addressing mitigation measures will be received in January 2015.

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SUBJECT: CAPITAL WORKS - DECEMBER QUARTERLY REPORT

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

DROSSO LELEKIS
MANAGER DESIGN, PLANNING
& PROJECTS

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Drosso Lelekis on 89300414 or email:
d.lelekis@darwin.nt.gov.au.

ENCL:	ENVIRONMENT & INFRASTRUCTURE	AGENDA ITEM:	9.5
NO	COMMITTEE/OPEN		
INFRASTRUCTURE MAINTENANCE - QUARTERLY REPORT - OCTOBER TO DECEMBER 2014			
REPORT No.:	15TS0014 KS:jw	COMMON No.:	1887505
		DATE:	17/02/2015

Presenter: **Manager Infrastructure Maintenance, Kerry Smith**

Approved: **General Manager Infrastructure, Luccio Cercarelli**

PURPOSE

The purpose of this report is to provide an update on the activities of the Infrastructure Department – Infrastructure Maintenance Section for the October to December 2014 quarter.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

2 Vibrant, Flexible and Tropical Lifestyle

Outcome

2.2 A sense of place and community

Key Strategies

2.2.3 Improve the landscaping, streetscape, infrastructure and natural environment

KEY ISSUES

Infrastructure maintenance completes routine, programmed and reactive maintenance tasks to ensure Council's parks and reserves, road and path network, stormwater drainage network and buildings are provided in a safe, clean and serviceable condition to meet the expectations of the Darwin community.

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

THAT Report Number 15TS0014 KS:jw entitled Infrastructure Maintenance - Quarterly Report - October To December 2014, be received and noted.

BACKGROUND

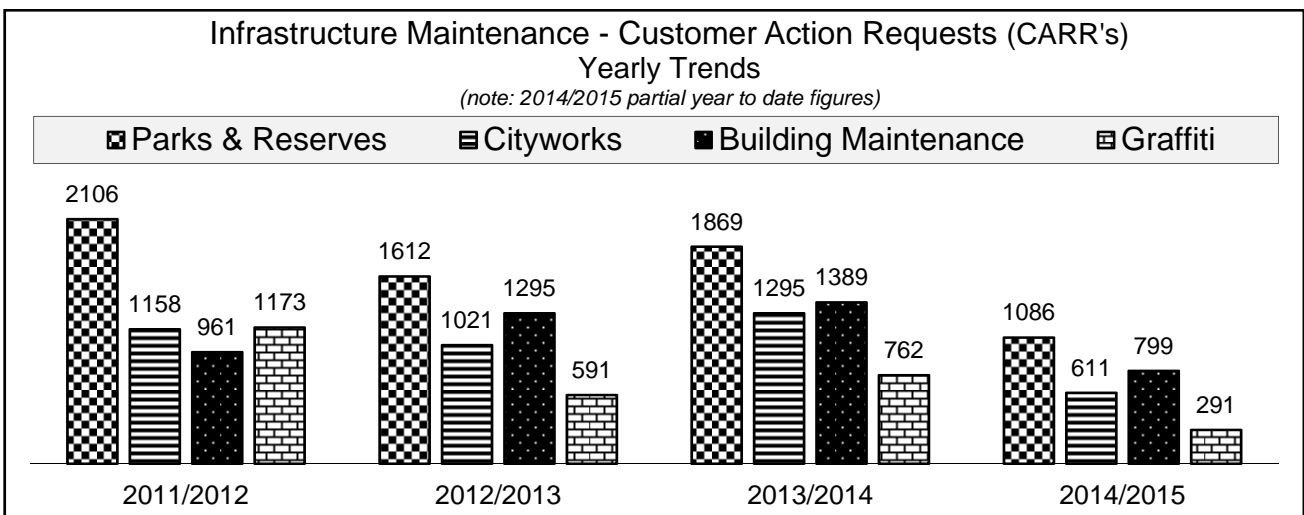
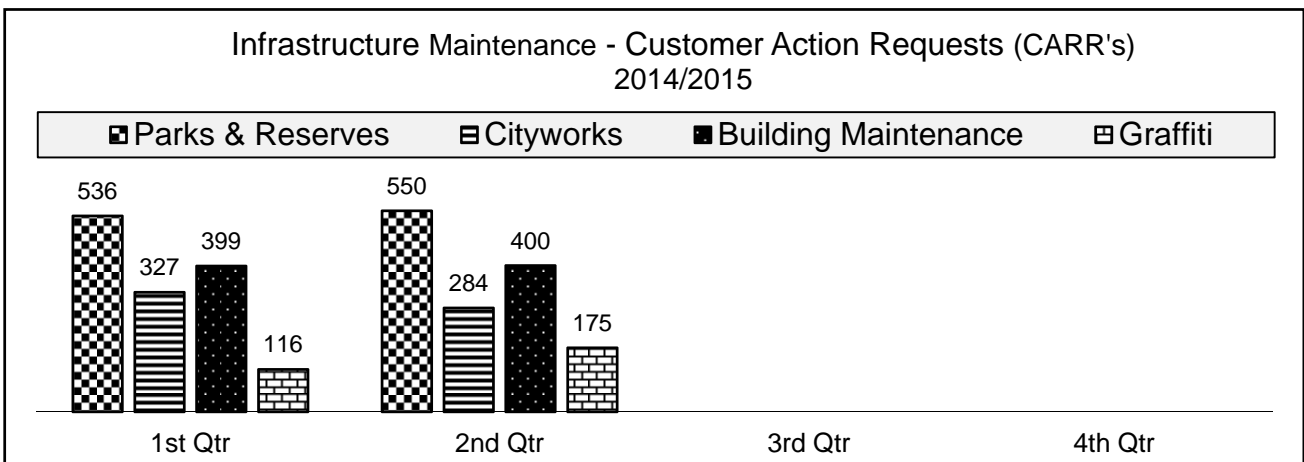
Quarterly reports provide a snapshot of the activities for the Infrastructure Maintenance Section within the Infrastructure Department and are provided to inform Council of activities undertaken.

DISCUSSION

The following information provides a broad snapshot of activities and tasks undertaken through Council’s Infrastructure Maintenance section. This report also provides some understanding of the variety and quantity of work completed within the section.

Infrastructure Maintenance completes routine, programmed and reactive maintenance tasks to ensure Council’s parks and reserves, road and path network, stormwater drainage network and buildings are provided in a safe clean and serviceable condition to meet the expectations of the Darwin community.

In addition to maintenance programs, capital works projects are completed with in-house staff and contractors.



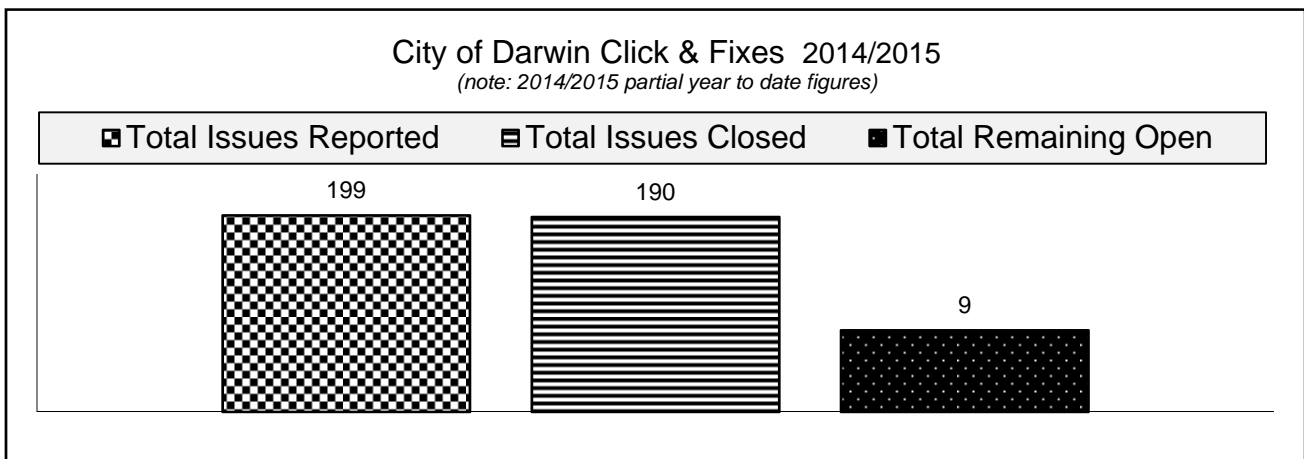
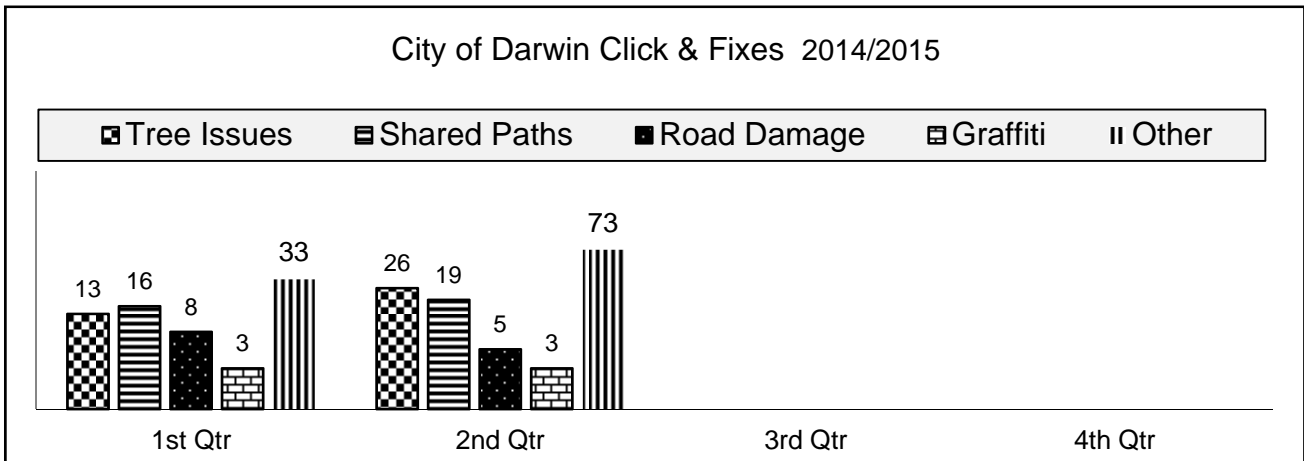
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City of Darwin adopted the use of the “See Click Fix” application in August 2014.

Darwin Click & Fix allows anyone to report and track non-emergency issues anywhere via the internet or application on their smart phone.

Darwin Click & Fix gives Council the ability to work together to enhance our neighborhoods, raise our community standards and improve the overall service provision to the community through a more responsive and more interactive reporting system.

Below are the current statistics for the current financial year for the Infrastructure Maintenance Department.



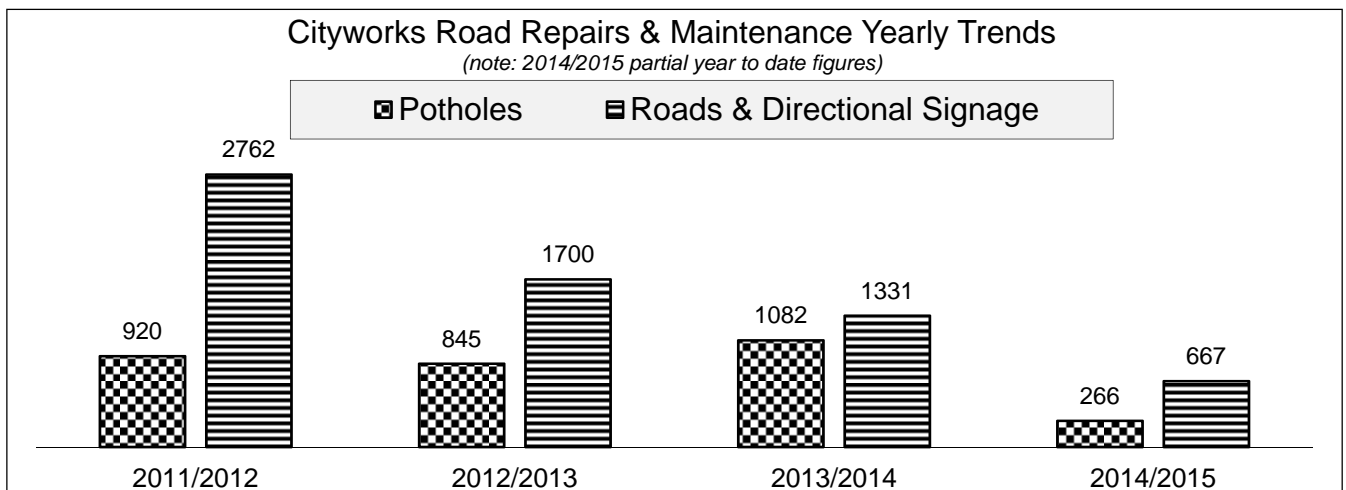
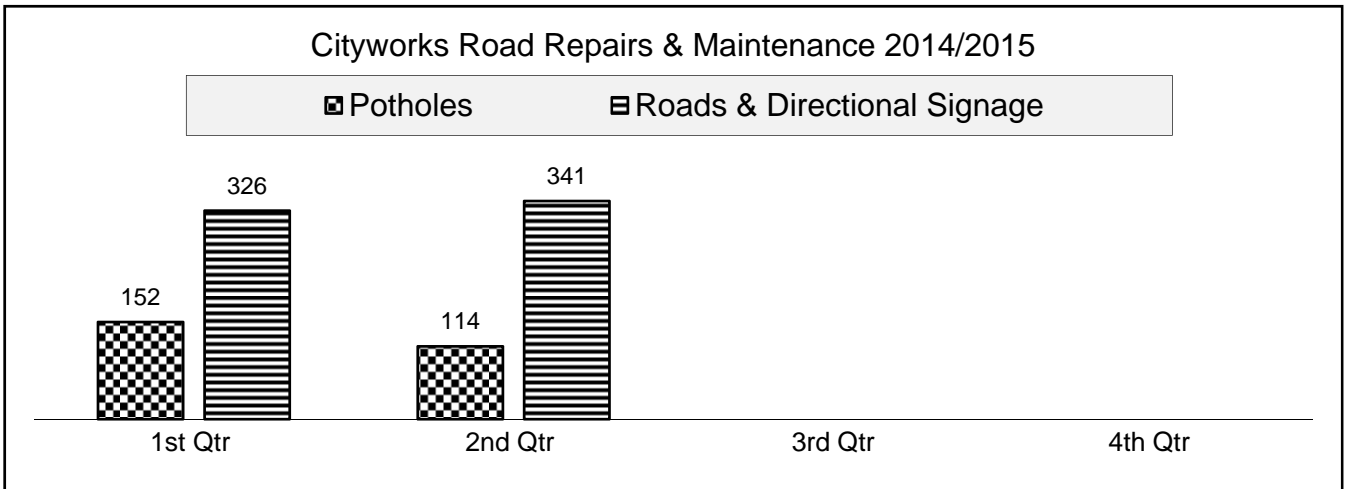
A brief summary of works completed by sections within the department in the October to December 2014 quarter is as follows.

CITYWORKS

Cityworks actioned approximately 284 Customer Action Requests in addition to programmed and proactive maintenance tasks.

Repairs and Maintenance

- Approximately 15 lineal metres of kerb and gutter replaced.
- 480 lineal metres 1.2 wide footpath replaced;
 - Approximately 120m² exposed aggregate concrete footpath replaced.
- Storm water network repairs;
 - Five (5) side entry pits replaced.
 - Thirty one (31) side entry pits repaired.
 - Approximately 180 side entry pits cleared.
- Approximately 114 potholes repaired.
- 341 road and directional signage repaired or replaced.

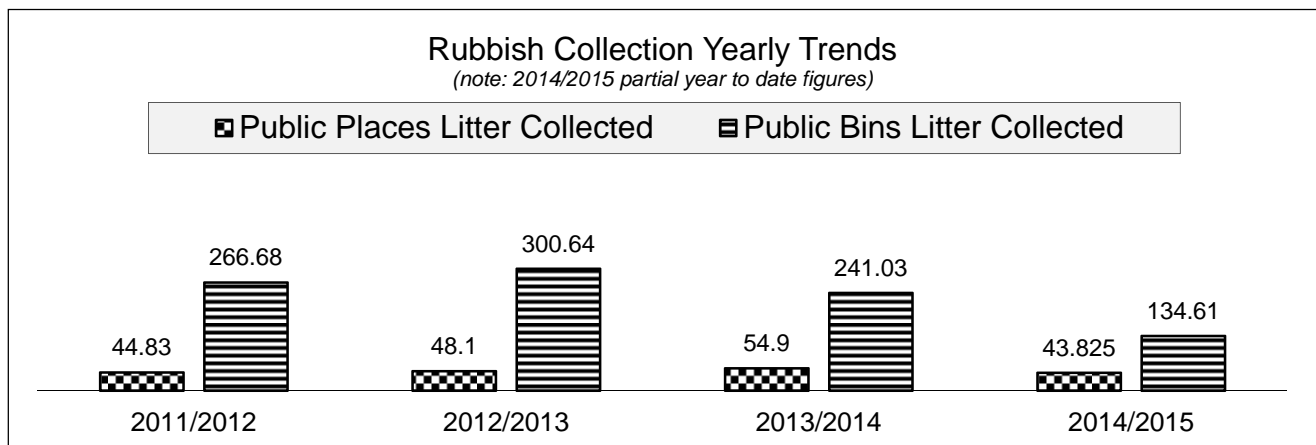
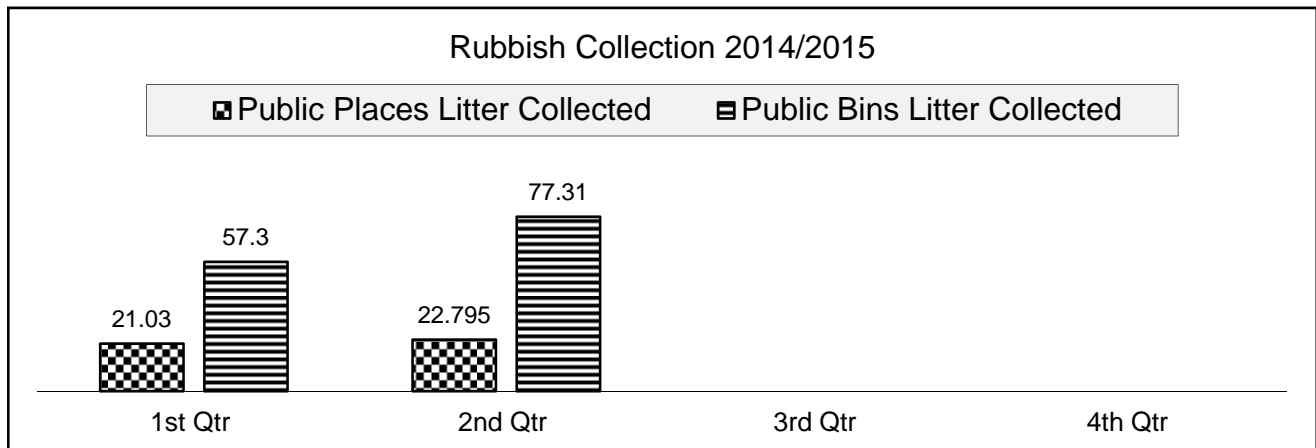


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Rubbish Collection

Foot patrols through the CBD and foreshore reserves collected approximately 22.795 tonnes of litter.

2264 public litter bin collections occurred in the quarter resulting in 77.31 tonnes of rubbish being removed.



Major Works Undertaken for the Quarter

- Approximately 37,000m² of high-pressure cleaning in The Mall, CBD and Parap Shopping Village.
- 5,540m² of asphalt overlay as part of the Road Reseal Program.
- Coastal repair work continued with reinstatement work at Vesty's Beach, Mindil Beach.
- Rock placement at Nightcliff Foreshore.

Major Works Programmed Within the Next Quarter

- Walkway Resurfacing Program will include walkways at;
 - Norcock Place and Becker Place to Rapid Creek Road.
 - Curnow Place and Dempsey Place to Ryland Road.
- Capital Works Programme – footpath construction/reconstruction.

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PARKS AND RESERVES

The Parks and Reserves section actively maintains approximately 574 hectares of open space. The section actioned 550 Customer Action Requests in addition to proactive maintenance tasks. These requests covered irrigation repairs, vandalism repairs, grass cutting and verge maintenance, tree pruning/removals, stump grinding, fence repairs, litter collection and playground maintenance.

The Parks and Reserves are divided into precinct areas as follows:

- The CBD Precinct maintains 132 hectares in 202 separate areas of public open space including, ovals, road reserve, roundabouts, shopping centre garden beds and street gardens throughout the suburbs of Darwin CBD, Larrakeyah, Bayview, Stuart Park, The Gardens, Parap, Woolner, Winnellie and Berrimah.
- The Central Precinct team maintains 117 hectares in 152 separate areas throughout Nightcliff, Fannie Bay, Coconut Grove, Rapid Creek, Alawa and Nakara.
- The Northern Precinct team maintains 222 hectares in 85 separate areas throughout Anula, Wulagi, Leanyer, Malak, Karama Jingili, Moil, Wagaman, Wanguri and Tiwi.
- The Urban Bush land team is responsible for weed control/herbicide application, litter control, planting programs, re-vegetation and walk trail maintenance to approximately 103 hectares of natural and remnant bush.
- The turf and irrigation team maintains all irrigation systems at approximately 400 sites and 17 active sports reserves within the Municipality.

Major Works Undertaken for the Quarter

- East Point Community Planting Day was a joint success for Parks & Reserves and Climate Change & Environment Departments.
- Bus Route Tree Planting Program.
- Ellengowan Drive roundabout refurbishment.
- Cavanagh Street Car park Boab Tree protection and rejuvenation.
- Playground equipment installations at Tiwi Oval surrounds, Peace Park, Savannah Park, Amsterdam Park and Johnson Park were completed.
- Alf Blaser Park, Bayview Park and Mahogany Park irrigation installation completed.
- Street Tree Pruning Program in Nightcliff, Coconut Grove, Ludmilla and the Narrows complete.
- Installation of AFL goalposts at Jingili Oval.
- Revegetation work along Lee Point Road.

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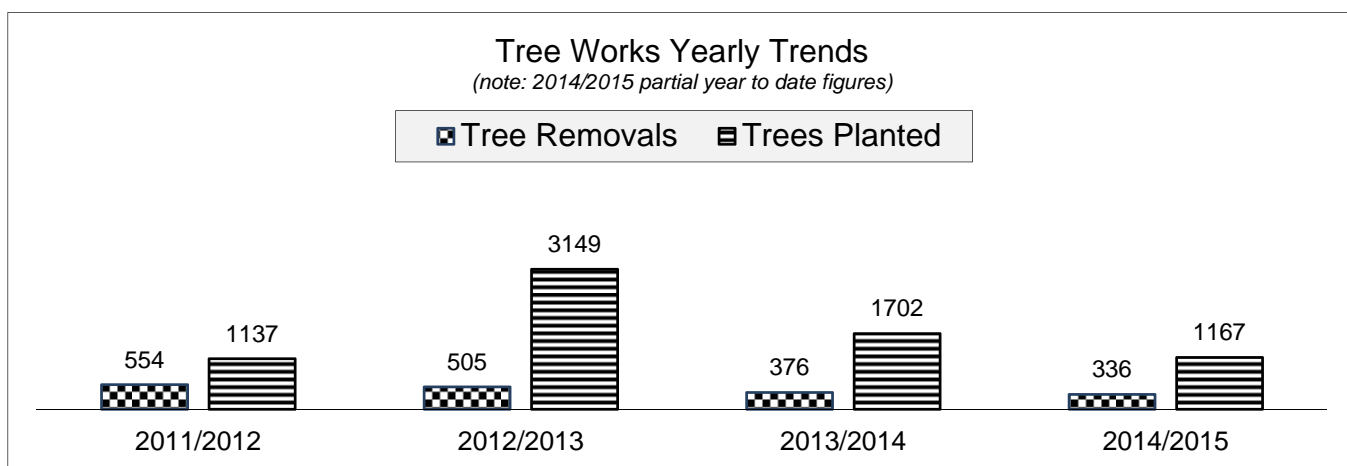
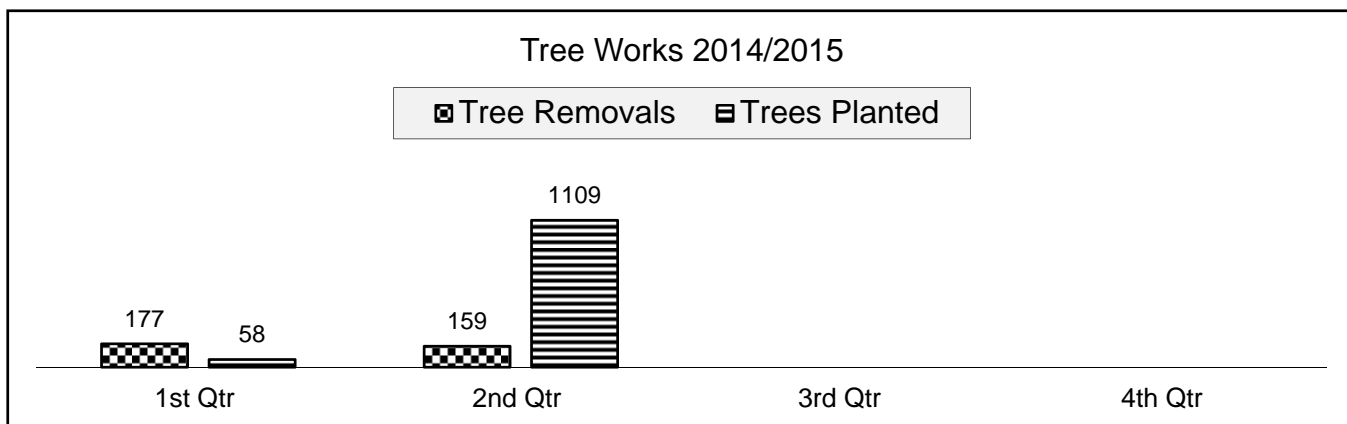
Major Works Programmed Within the Next Quarter

- Softfall refurbishments at Lyons playground, East Point exercise station.
- Bollard installation at Mindil Beach.
- Street Tree Pruning Program in suburbs of Moil, Alawa, Anula, Wulagi and Marrara.
- Sub-Surface Irrigation Installation Darwin General Cemetery.
- Nightcliff Road/Aralia Street roundabout landscape upgrade.

URBAN FOREST MANAGEMENT

In the Quarter:

- 1109 trees were planted in irrigated areas; and
- 159 trees removed.

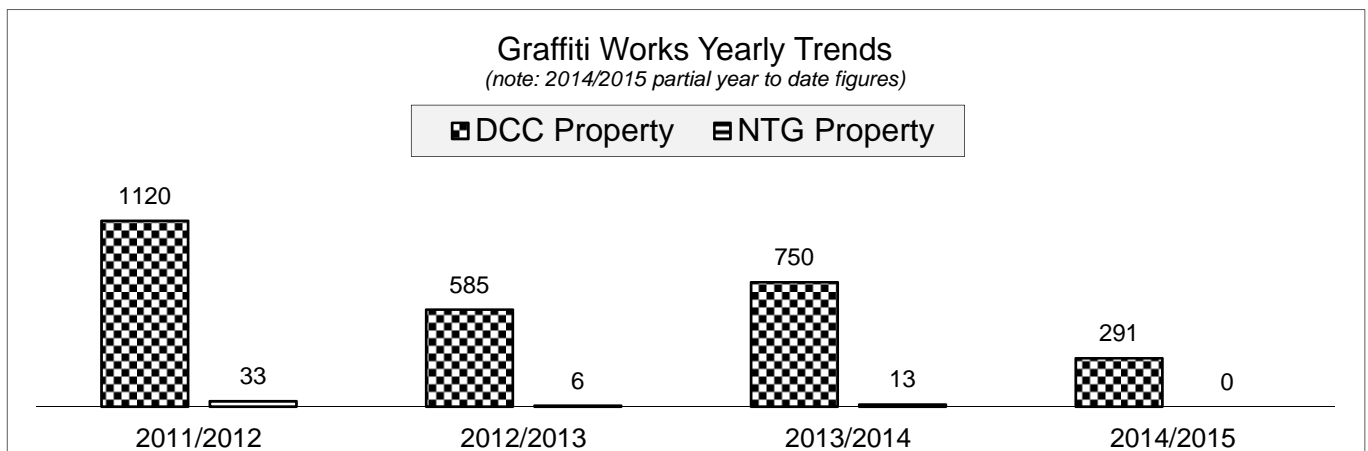
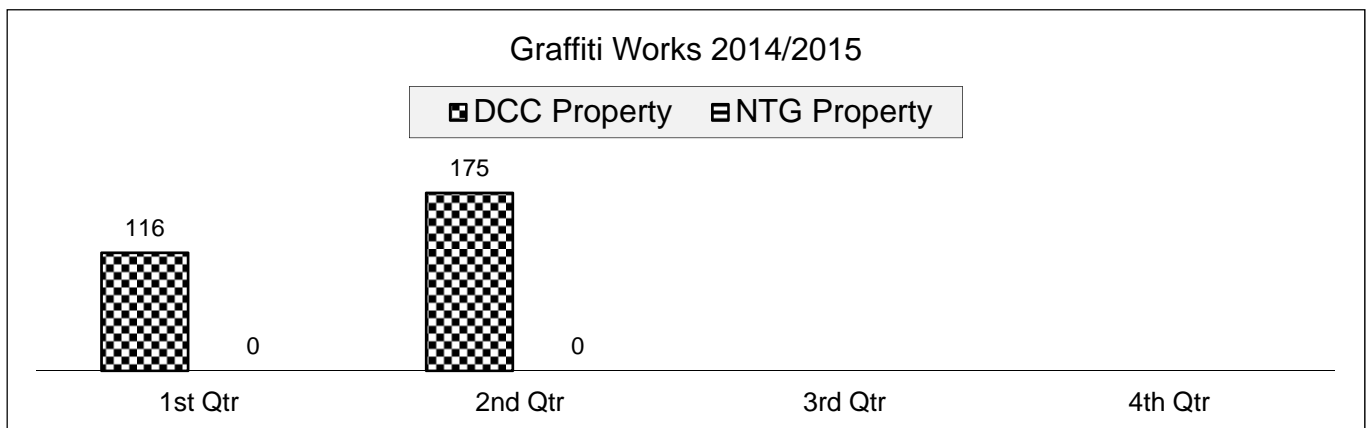


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BUILDING SERVICES

Building services responded to 400 Customer Action Requests over the quarter in addition to proactive maintenance tasks.

Council's Graffiti Team responded to 175 Customer Action Requests relating to City of Darwin and zero (0) Northern Territory Government controlled assets, over the quarter.



Some Highlights for the Quarter Include

- New pump house at Nightcliff Swimming Pool completed.
- LED lighting upgrade to Operations Centre office.
- Occupancy sensors to amenities at Operations centre amenities room, Casuarina Pool amenities and Nightcliff Community centre.
- LED lighting upgrade to Casuarina Library office.
- Installation of Emergency Power Generator at the Operations Centre, Bishop Street.

Major Works Programmed Within the Next Quarter

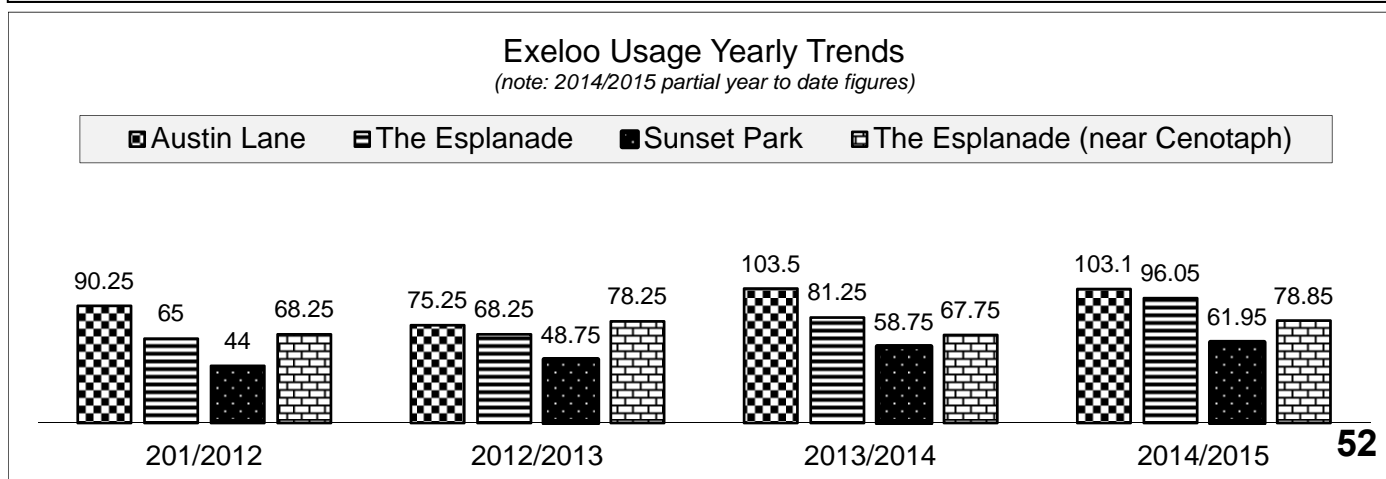
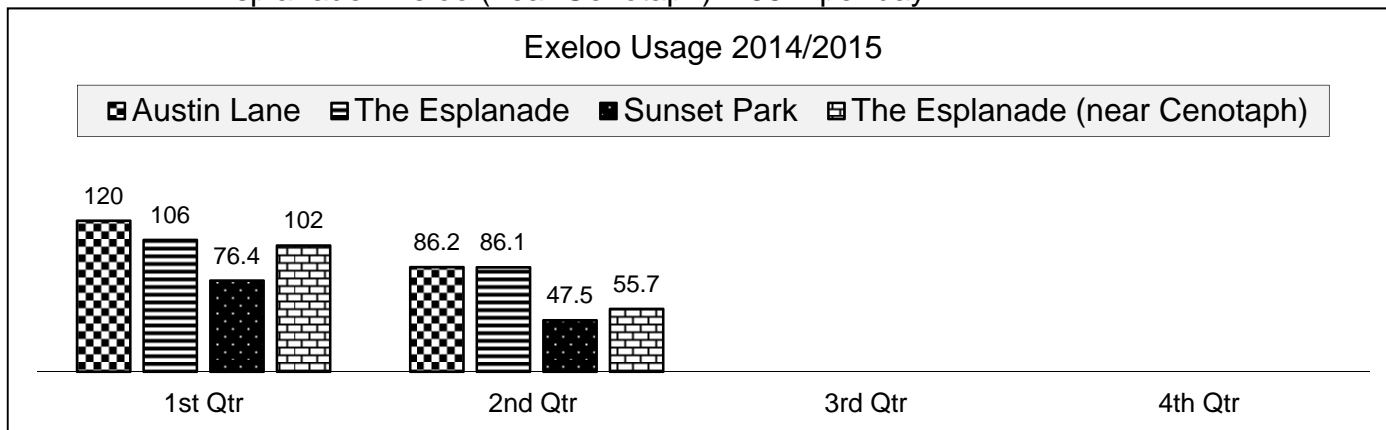
- Supplementary air conditioning to the function room at the Civic Centre.
- West Lane Car Park modification to fire services.
- Darwin Entertainment Centre CCTV system upgrade.
- Darwin Entertainment Centre door access controls.
- Operations Centre chemical store shed expansion/upgrade.
- Malak Oval Sports Club amenities building upgrade.
- Calling of tenders for:
 - Air Conditioning of Nightcliff Hall at Nightcliff Community Centre.
 - Building Repairs and Maintenance, period contract.
 - Painting Services, period contract.
- Emergency Power Generator Civic Centre

Exeloo Public Toilet Usage

Council operates six (6) public exeloo toilets and four (4) of these are automated to collect statistics on daily usage rates. The facilities are accessible 24 hours a day, 7 days a week.

Average daily usage rates for the quarter were;

- Austin Lane Exeloo – 86.2 per day.
- Esplanade Exeloo – 86.1 per day.
- Sunset Park Exeloo – 47.5 per day.
- Esplanade Exeloo (near Cenotaph) – 55.7 per day.



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CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Team Coordinator Parks & Reserves
- Acting Team Coordinator Cityworks
- Acting Team Coordinator Building Services
- Team Leader Cleaning Services

POLICY IMPLICATIONS

All works undertaken by the section are in accordance with Council policies.

BUDGET AND RESOURCE IMPLICATIONS

Infrastructure Maintenance operates within the current operational and capital works budgets.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Works undertaken through Infrastructure Maintenance are in accordance with legislative requirements and to mitigate Councils risk wherever possible.

ENVIRONMENTAL IMPLICATIONS

Environmental consideration forms part of the quadruple bottom line reporting which guides service levels, procedures and work activities.

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

KERRY SMITH
MANAGER INFRASTRUCTURE
MAINTENANCE

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Kerry Smith on 8980 3654 or email:
 k.smith@darwin.nt.gov.au.

ENCL: NO	ENVIRONMENT & INFRASTRUCTURE COMMITTEE/OPEN	AGENDA ITEM: 9.6
INFRASTRUCTURE - DESIGN, PLANNING & PROJECTS - DECEMBER 2014 QUARTERLY REPORT		
REPORT No.:	15TS0022 DL:jg	COMMON No.: 1832896
		DATE: 17/02/2015

Presenter: Manager Design, Planning & Projects, Drosso Lelekis

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

The purpose of this report is to provide an update on the activities of the Infrastructure Department Design, Planning & Projects Section for the October to December 2014/15 Quarter.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

2 Vibrant, Flexible and Tropical Lifestyle

Outcome

2.2 A sense of place and community

Key Strategies

2.2.3 Improve the landscaping, streetscape, infrastructure and natural environment

KEY ISSUES

- A number of traffic and road safety issues raised by members of the community were investigated and resolved.
- Work continued on the review of on-street parking in the CBD (including taxi parking).
- Submissions for a number of identified projects meeting the revised Black Spot criteria were made and either full or partial funding to the level requested was confirmed for these projects for 2015/16.
- The community consultation for the draft Darwin Bike Plan was completed.
- The Developer Contribution Plans for stormwater drainage upgrading in the suburb of Stuart Park were gazetted.
- Developer Contribution Plans for stormwater drainage upgrading in the Darwin CBD were exhibited.
- The Nightcliff and Rapid Creek Education Precinct Road Safety Assessment went to key stakeholder consultation.
- Tender assessment was undertaken for the Minor Civil Works contract.

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- The review/audit of the City of Darwin's traffic signals throughout the Darwin Municipality was progressed.
- Work progressed on the design of Year 1 actions from the Coastal Erosion report adopted by Council.
- Work progressed and is on-going on Darwin City Centre Master Plan 2014/2015 projects.
- Investigation into the installation of a pedestrian fence in the median at the intersection of Gilruth Avenue and Goyder Road to improve safety has progressed.

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

- A. THAT Report Number 15TS0022 DL:jg entitled Infrastructure - Design, Planning & Projects - December 2014 Quarterly Report, be received and noted.

BACKGROUND

Quarterly reports on the activities of the Design, Planning and Projects Section of the Infrastructure Department are provided to inform the City of Darwin.

The key roles of the Design and Projects teams within the Design, Planning and Projects Section of the City of Darwin's Infrastructure Department are to undertake technical investigations, provide responses to external and internal stakeholder enquiries, facilitate designs and undertake construction of items both within the City of Darwin's Capital Works programs and as required.

The key roles of the Planning team within the Design, Planning and Projects section of the City of Darwin's Infrastructure Department are to assess and respond to Development Applications to the Northern Territory Government's Development Assessment Services, to report on Development Applications of particular significance to the City of Darwin and to assess, respond to and report on Alfresco Dining and Signage applications, respond to Northern Territory Planning Scheme amendment proposals and deal with Strategic Planning matters if and when they arise.

DISCUSSION

The following provides highlights of activities which have occurred in the Section during the October to December 2014/15 Quarter and is provided for Council's information:

- Approximately thirty (30) traffic and associated road safety issues raised by members of the community and others with a vested interest in these matters were investigated by City of Darwin officers. These issues included pedestrian and road safety matters, on-street parking, speeding vehicles, disability access

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and stormwater drainage problems. Of the approximately thirty (30) issues received approximately fourteen have been, or are in the process of being resolved with the remainder under investigation and assessment. Any sites identified as requiring remedial works as the result of these investigations will be considered for inclusion in a future Capital Works Program.

- The City of Darwin managed the Nightcliff and Rapid Creek Education Precinct Road Safety Assessment on behalf of the Northern Territory Government and the Nightcliff and Rapid Creek Education Precinct Road Safety Assessment went out to initial consultation with key stakeholders. The broader community consultation for this study will be undertaken in the next Quarter.
- Work continued on certain elements of the CBD Parking Strategy Implementation Plan. This included further review of taxi parking in the Darwin CBD (taxi parking surveys) and the Department of Transport provided a paper for public comment on a review of commercial passenger vehicles (including taxis and minibuses), which needs to be taken into account in the review of taxi parking. The review of on-road parking space is ongoing and an incremental approach to change has been adopted. Further consultation occurred with the City of Darwin's Disability Advisory Committee, the Darwin Commercial Passenger Vehicle Forum and other entities, seeking their views on parking throughout the Darwin CBD. A report will likely go to Council on the on-street parking review in the next quarter.
- An updated on-street and off-street car parking inventory and utilisation study was undertaken and the results will be analysed and available in the next Quarter. This information will be used to undertake further review and to address further actions within the CBD Parking Strategy Implementation Plan. The on-street parking review is the subject of separate reports to Council.
- The City of Darwin submitted three Black Spot Projects as nominations for 2015/16 Black Spot Program. The three projects submitted were: Daly Street and Smith Street intersection upgrade; Ryland Road and Clarke Crescent intersection upgrade and Ryland Road and Rossiter Street intersection upgrade. A separate report on the status of this Black Spot submission will be presented.
- The community consultation for the draft Darwin Bike Plan was completed and the outcomes of this consultation are under review and will be presented to Council in the next Quarter.
- Public exhibition of Developer Contribution Plans for stormwater drainage upgrading in the suburb of Stuart Park occurred. Council has now finalised and adopted these plans. The plans were gazetted on 29 October 2014.
- Developer Contribution Plans for stormwater drainage upgrading in the Darwin CBD were developed and endorsed by Council to proceed to exhibition. The twenty eight exhibition period commenced on 12 November 2014 and closed on 10 December 2014. A further report will be presented to Council summarising

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consultation period and recommending actions relating to the endorsement of the CBD contribution plans.

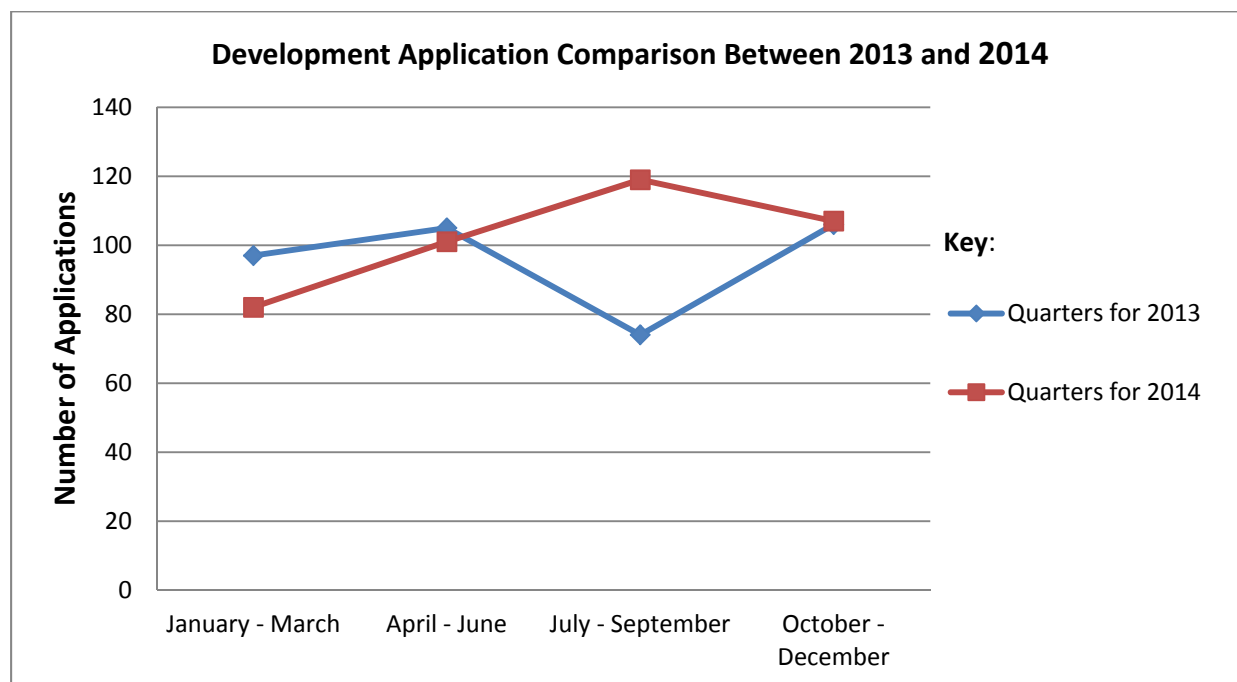
- Tender assessment for the Minor Civil Works contract was undertaken and the contract will be awarded in the third quarter.
- The review/audit of the City of Darwin's traffic signals throughout the Darwin Municipality progressed and will be completed in the next Quarter. A brief was prepared for an audit, review for best practice, review in line with CBD traffic study outcomes, review in regard to new technologies for these traffic signals. Part of the brief was to arrive at an upgrading program that is flexible. A report will be presented to Council on the outcomes.
- Works continued on the design of the Nightcliff north rock seawall and other associated actions from the Coastal Erosion report adopted by Council. The sea wall will be delivered during the 2015 dry season with funding for the project split over the 2014/15 and 2015/16 financial years.
- Work progressed and is on-going on a number of Darwin City Centre Master Plan projects, including the upgrading of the Bennett Street/Smith Street and Smith Street/Esplanade intersections, Smith Street/Daly Street intersection upgrade, upgrade of Tamarind Park and new Esplanade promenade path. It is expected that several of these projects will go to tender in the next Quarter. These projects are further detailed in the Capital Works Report.

Development Applications for the Quarter, 1 October 2014 – 30 December 2014

The Council endorsed 106 letters in response to Development Applications made to the Northern Territory Government Development Assessment Services, for the Darwin Municipality in the October to December 2014 Quarter.

Of the 106 Development Applications, thirty two (32) were the subject of individual reports to Council. Of the thirty two (32) reports presented to Council, six (6) were to amend the Northern Territory Planning Scheme, eight (8) relate to Strategic Planning, ten (10) were Summary Reports, and the rest were individual responses to Development Applications. Four (4) additional letters of were sent, one (1) to the Minister for Lands and Planning and three (3) non Development Application letters.

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Sign Applications, Place Names and Outdoor Dining for the Quarter, October to December 2014.

One (1) signage application report was considered at Council during this quarter.

The following five (5) sign applications were received and considered against the City of Darwin Policy No: 042 - Outdoor Advertising Signs Code.

	Description	Permit Issued Y/N or N/A
1.	Blue Finger - NT Badminton	Yes
2.	Water Tank - Power & Water	Yes
3.	Moveable Sign – Peak Performance	Waiting on further information
4.	Moveable sign – Darwin Naturopathics	Waiting on further information
5.	Moveable sign – NT Chiropractic	Yes

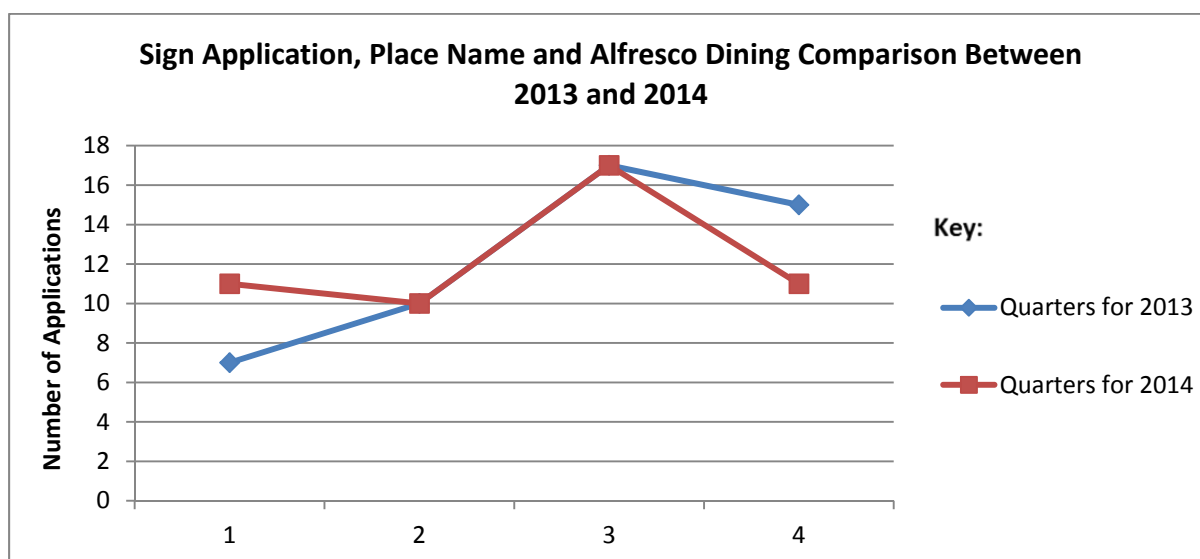
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One (1) Place Name application was received during this period.

	Description
1.	Muirhead stages 6-7 road name proposal – supported.

One (1) Outdoor Dining application (Licensed) was received during this period.

	Description
1.	Domino's Pizza Darwin – Further information requested for assessment purposes



CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Strategic Town Planner.
- Team Leader Design.
- Team Leader Capital Works.

POLICY IMPLICATIONS

All works and activities are undertaken in accordance with the City of Darwin's policies.

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BUDGET AND RESOURCE IMPLICATIONS

All of the activities are undertaken in accordance with the City of Darwin's 2014/15 Capital Works and/or Operational budgets.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Consideration of risk, legal and legislative requirements forms part of all considerations of works and activities undertaken by the section.

ENVIRONMENTAL IMPLICATIONS

Environmental considerations form part of all activities and assessments.

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

DROSSO LELEKIS
MANAGER DESIGN, PLANNING
& PROJECTS

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Drosso Lelekis on 89300414 or email:
d.lelekis@darwin.nt.gov.au.

**ENCL: ENVIRONMENT & INFRASTRUCTURE
NO COMMITTEE/OPEN**

AGENDA ITEM: 9.7

WASTE & RECYCLING - DECEMBER QUARTERLY REPORT

REPORT No.: 15TS0015 ND:mn COMMON No.: 1738353

DATE: 17/02/2015

Presenter: Manager Technical Services, Nadine Douglas

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

The purpose of this report is to provide an update on Council's waste management and recycling activities for the October to December 2014/2015 quarter.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

3 Environmentally Sustainable City

Outcome

3.1 Council's carbon footprint reduced

Key Strategies

3.1.3 Reduce Council's waste production

KEY ISSUES

- Council's waste management services including Shoal Bay Waste Management Facility (SBWMF) and waste collection continued throughout the quarter.
- The pre-cyclone cleanup was conducted in September and October.
- 112 white goods and air-conditioning units containing gases were degassed and recycled by the Recycling Facility contractor this quarter.
- The waste bin audit was completed and reported to Council in November, with the data being used in the development of the Waste Management Strategy, which work has commenced on.
- Education activities included a session with body corporate companies to educate and workshop issues with multiple unit dwellings and work with the Bagot community to provide recycling facilities.

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 SUBJECT: WASTE & RECYCLING - DECEMBER QUARTERLY REPORT

RECOMMENDATIONS

THAT the Committee resolve under delegated authority:-

THAT Report Number 15TS0015 ND:mn entitled, Waste And Recycling – December Quarterly Report, be received and noted.

BACKGROUND

Quarterly reports on waste management and recycling activities are provided to inform Council of recycling and waste collection volumes and trends.

DISCUSSION

Carbon Pricing Mechanism

Council submitted all reports required under the National Greenhouse Gases and Energy Reporting System (NGERS) in October with liability for the 2013/2014 financial year being due in February 2016. The liability for the Shoal Bay Waste Management Facility for the 2012/2013 financial year will be discharged early 2015. While the Federal Government repealed the Carbon Tax 19 July (effective as of 1 July), the City of Darwin will continue to report on its landfill operations through NGERS.

Shoal Bay Waste Management Facility

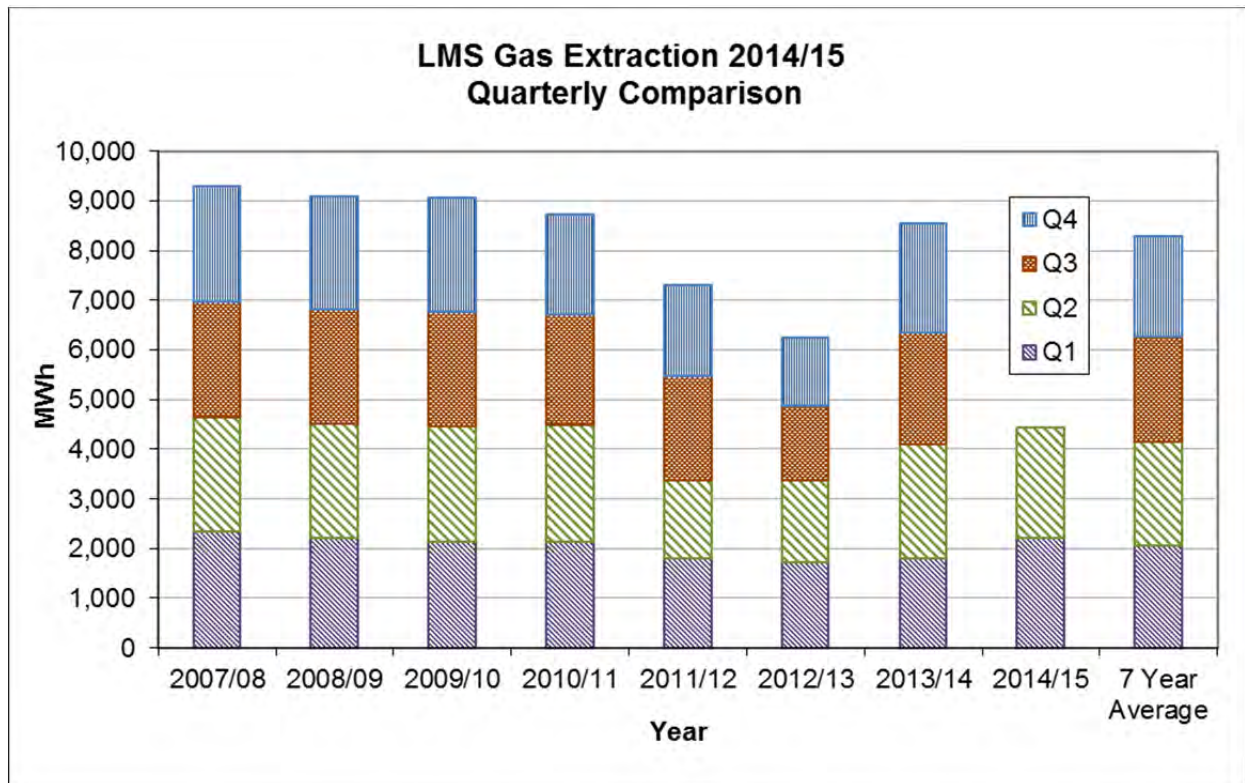
The Shoal Bay Waste Management Facility provides a transfer station and mulching operations for use by domestic users, landfill for commercial users, recycling collection with sales facility and a landfill gas processing plant.

Gas Extraction Operations

On average, sufficient power is now generated from the gas extraction process to power more than 1,100 Darwin homes per annum.

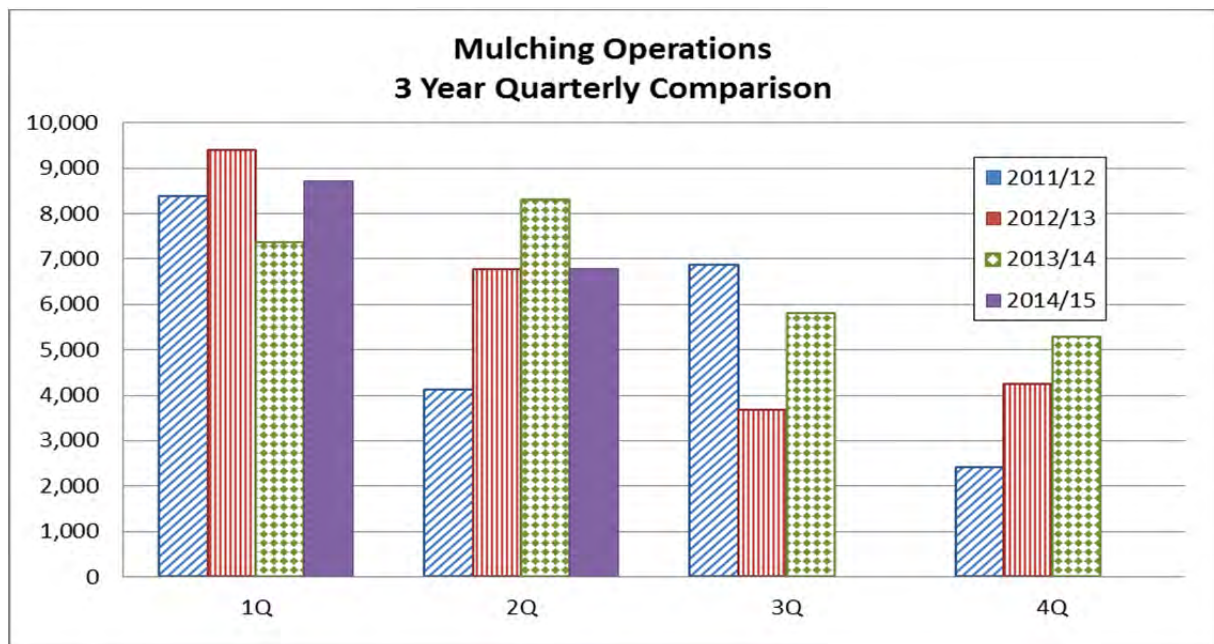
The expansion of the gas extraction system was completed in August 2013 with 28 new wells installed. The expansion works are expected to reduce Council's liability under the repealed Carbon Pricing Mechanism, increase power production and improve environmental outcomes.

The below graph for the first two quarters of 2014/2015 shows there has been an increase in the extraction of gas since the expansion of the system at Shoal Bay.



Mulching Operations

The quantity of residential green waste mulched has decreased from the previous quarter with a total of 6,786 m³ of residential green waste processed this quarter, as indicated in the graph below. This reflects the amount mulched, not the amount brought to the site, so processing periods can affect the numbers reported.



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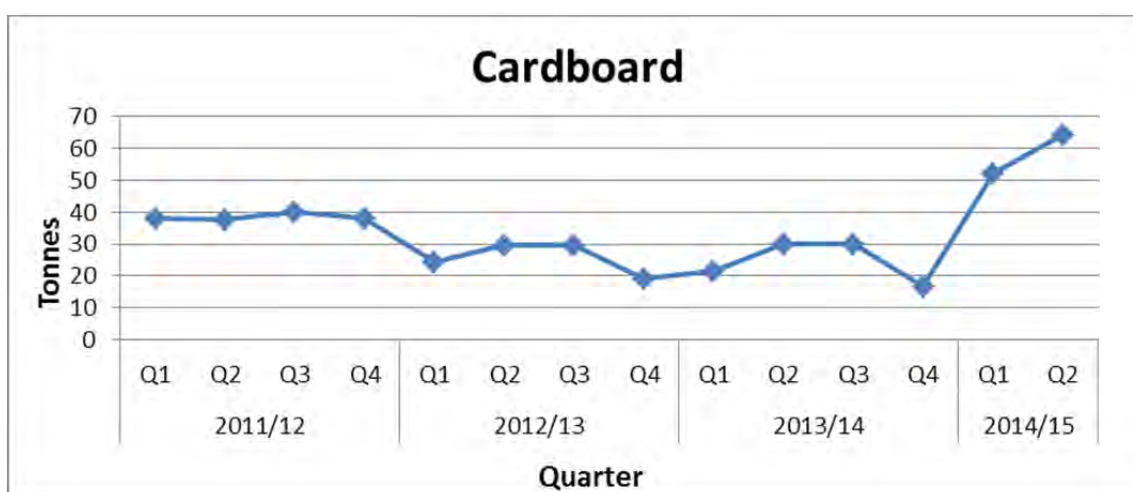
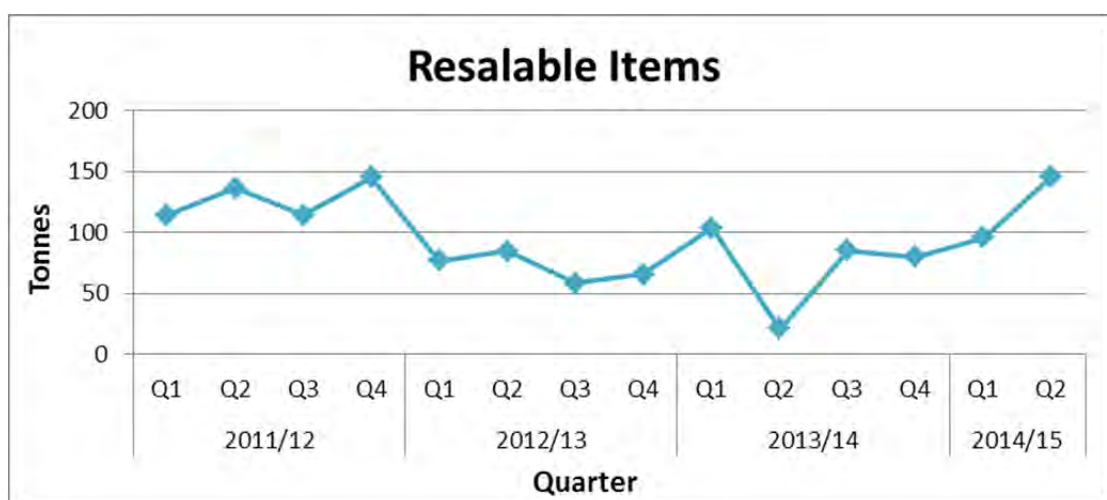
Recycling Operations

Council's recycle shop contractor Northern Territory Recycling Services (NTRS) continues to retrieve materials diverted from landfill for recycling.

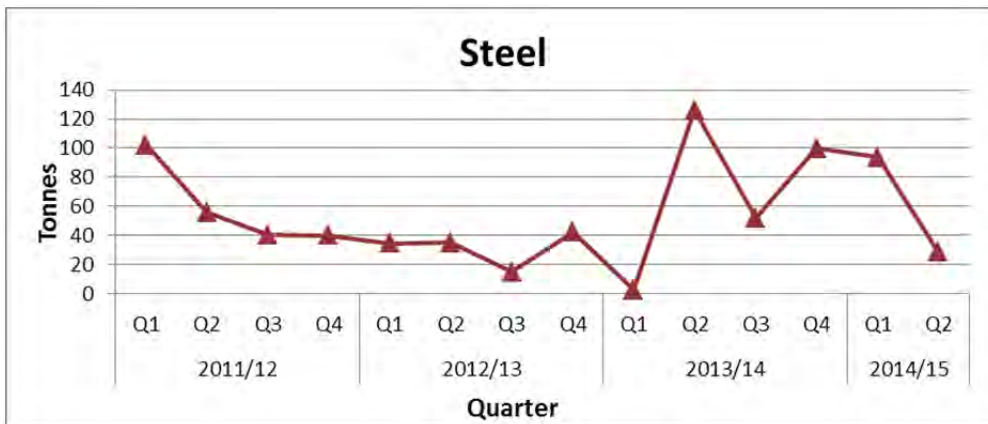
The volume of recyclables received at the recycling facility are listed for the quarter and graphed below.

- E-waste - 25 items collected for recycling with 10 being sold in the shop and the remaining 15 items being stored for recycling
- Recovered packaging recyclables - 17.5 tonnes of cardboard, 1.8 tonnes of glass and 1.15 tonnes of plastic
- Degassing - 112 white goods degassed and recycled
- Compact fluorescent lamps (CFLs) - 22 were accepted at the facility

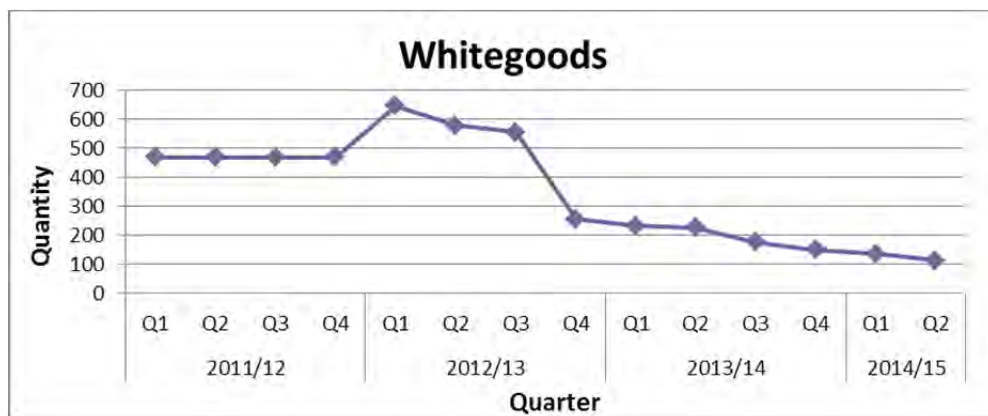
The below graphs represent the quantities retrieved from landfill and the transfer station each quarter since 2011/12.



The amount of cardboard retrieved from the transfer station has increased from the previous quarter with 64 tonnes retrieved for this quarter, up from 52 tonnes.



Steel has decreased by 66 tonne from the previous quarter with resalable items increasing by 50 tonnes from the previous.



Whitegoods have been steadily decreasing over the last six (6) quarters which is a trend that will continue to be monitored.

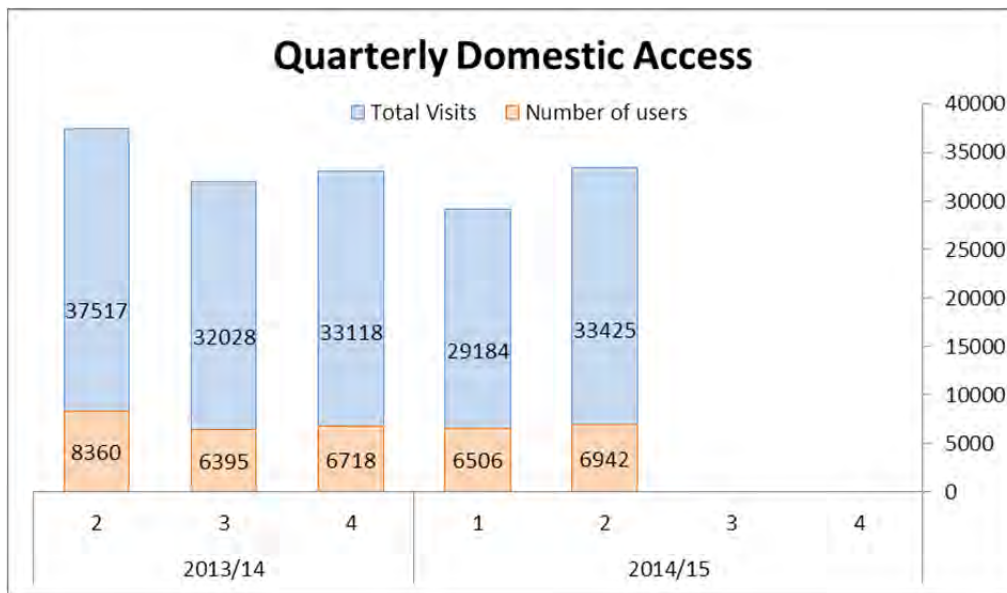
Domestic Access to Shoal Bay

There were a total of 33,425 visits in this quarter which includes access to the transfer station and to the green waste disposal area. There has been an increase in the number of visitors from the previous quarter although there is a significant decrease in the number of visits from the same period for the 2013/2014 financial year. This may be due to the increased volumes that are being collected during the pre-cyclone clean-up.

There were 6,942 domestic users of the transfer station and green waste disposal areas, for a total of 33,425 visits, representing an average of 4.8 visits per user over the quarter, which is consistent with the average visits for the last 4 quarters. There are approximately 18,000 ratepayers able to access Shoal Bay via the tip tag system, therefore the 6,942 users over the quarter represents 39% of the municipality.

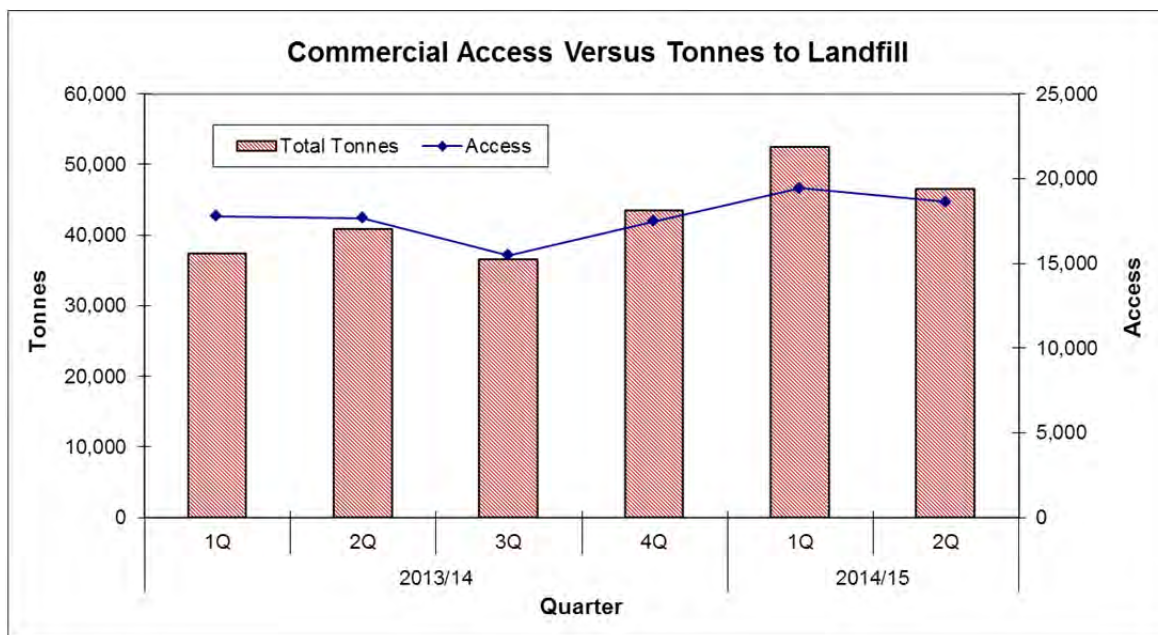
Three properties were identified as consistently significant high usage and were issued with letters requesting that they provide Council with the reason for high

usage. All three have provided responses to Council explaining their high usage, which have included wanting to keep a very tidy yard and disposing of small quantities of household waste daily, both of which are acceptable uses for the facility. High usage will continue to be monitored.



Commercial Access to Shoal Bay

Commercial access consists of records of all commercial users and includes waste accepted from Palmerston, Litchfield and Dundee Beach transfer stations. The average commercial load disposed of at Shoal Bay for this quarter was 2.49 tonnes with 46,506 tonnes brought in over 18,633 loads. This represents a decrease of 6,046 tonnes from the previous quarter and 796 less users with the average load decreasing by 0.21 tonnes.



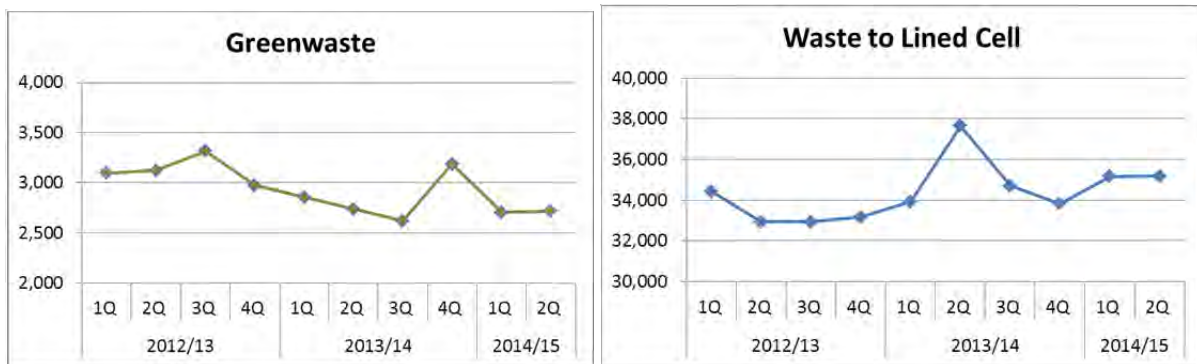
Special Waste and Asbestos

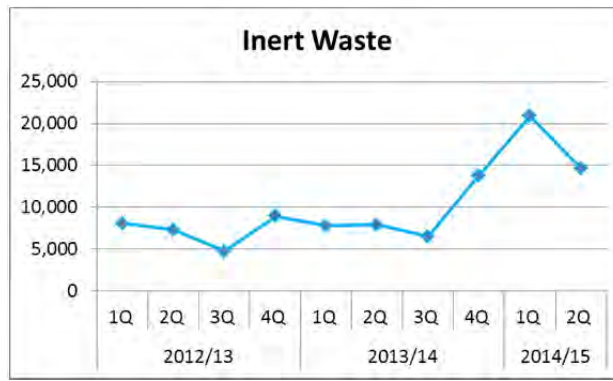
Special waste and asbestos increased again this quarter by 117.3 tonnes. There was a significant increase of 717.51 tonnes of asbestos disposed and a significant decrease in special wastes brought in by 600.21 tonnes over the quarter. The quantities of these types of waste brought in per quarter depends on the industry at that point in time, and one large project could cause a spike in tonnages received.



Waste to Landfill by Waste Type

The majority of waste brought in to Shoal Bay is disposed of within the lined landfill cell, including all domestic waste and commercial green waste. Inert materials include items such as concrete, plastics and tyres which are disposed of in an unlined cell. The waste received in each of these areas is consistent with previous quarters. In regards to inert waste, there was a spike of tonnes received since the fourth quarter 2013/2014 until the current quarter due to Inpex activities.





Domestic Waste and Recycling

The residential waste collection provides a general waste service (red lidded bin) and recycling service (yellow lidded bin) for use by residents either through kerbside or manual collection (for units). An audit of kerbside residential bins commenced in June and was undertaken in order to understand how residents use their bins. The audit continued in July with a report presented to Council in November.

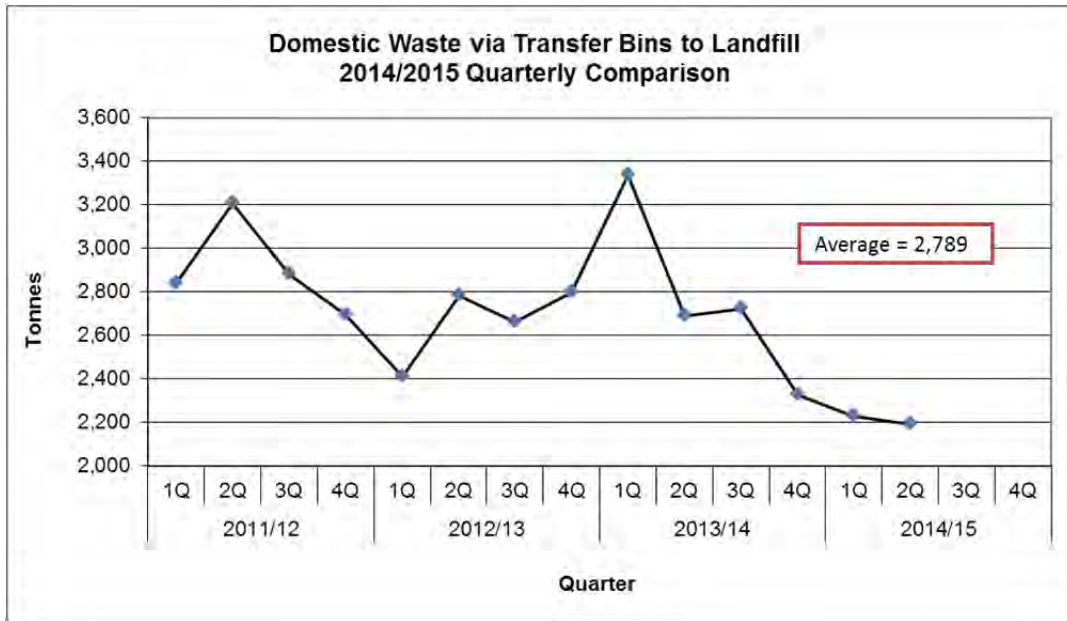
The waste from kerbside collection this quarter was 4,416 tonnes, 3% higher than the average of 4,280 tonnes. Recycling remained steady at 975 tonnes, just below the average of 999 tonnes per quarter.

Based on the current number of services (27,490 at the start of the quarter), the average waste per household this quarter was 160 kilograms, and recycling was 35 kilograms. This item has previously been recorded annually but will now be monitored quarterly to better understand seasonal trends.

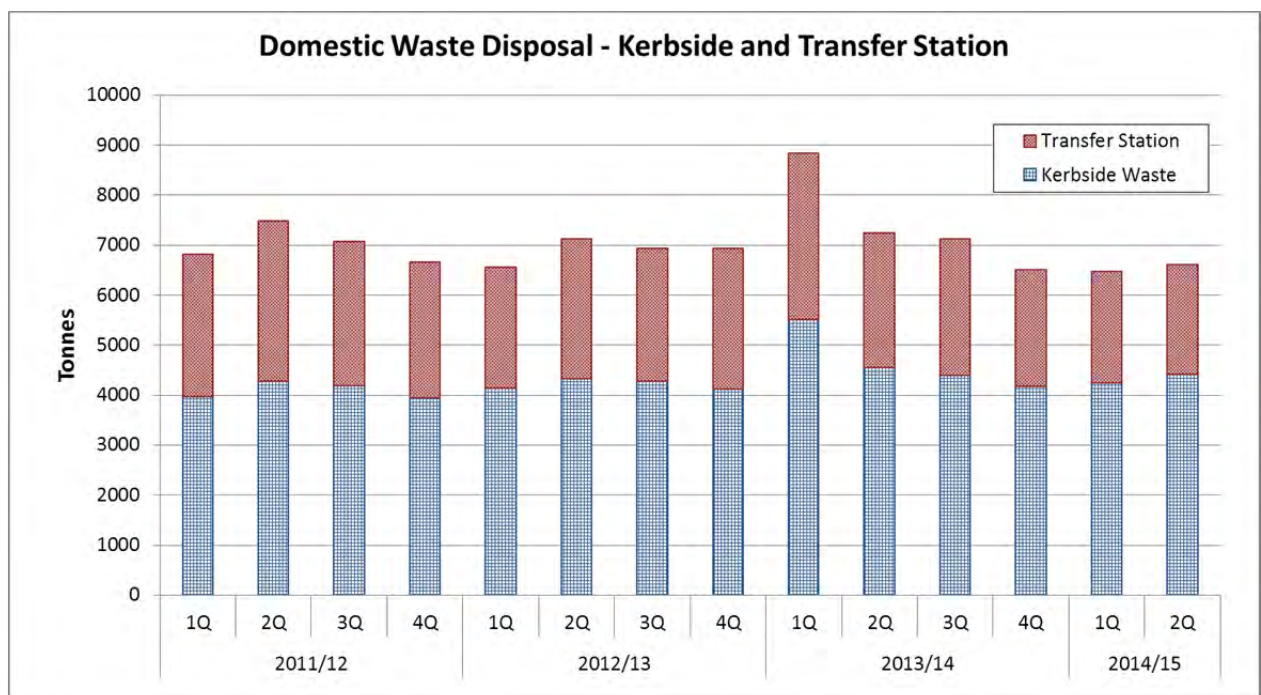


Transfer Station – Domestic Waste

There has been a marginal decrease of 37 tonnes of domestic waste deposited in the transfer station bins this quarter from the previous quarter. This quarter's volumes again remain less than the quarterly average of 2,789 tonnes, which appears to be a trend over the last 4 years. To note is that the use of the transfer station is steady, which may be reflective of more visits, or more green waste visits.



When the transfer station quantities are added to the kerbside waste collection, the total domestic waste can be calculated. This quarter's overall tonnage of 6,609 tonnes is similar to the previous quarter and below the average of 7,096 tonnes.



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 REPORT NUMBER: 15TS0015 ND:mn
 SUBJECT: WASTE & RECYCLING - DECEMBER QUARTERLY REPORT

Community Education

Community education has continued through planned events undertaken by Council, with kerbside recycling and school education being undertaken with the kerbside collection contractor (Cleanaway).

The activities conducted this quarter included;

- Information session and promotion of recycling for Bagot Community;
- Pre Cyclone Clean Up for the Southern suburbs completed;
- Information session for Body Corporate Managers to address contamination of the recycling stream at multiple unit dwellings;
- 6 school visits by Cleanaway to early childhood and primary schools;
- Worm farm set up and education at Darwin Middle School;
- Display set up at Casuarina Library as part of National Recycling Week;
- Council report advising of key outcomes from kerbside waste bin audit;
- Attended quarterly meeting for the Darwin International Airport Wildlife Hazard Management Plan.

Upcoming Plans

Plans for the upcoming year include;

- Development of a City of Darwin Waste Management Strategy;
- Review of the Waste Management Policy;
- Development of new advertising and educational material;
- Activities for schools during National Recycling Week – school artwork display and workshop;
- Improvements to the education centre at the Shoal Bay Waste Management Facility;
- Review of waste and recycling materials on the Council website;
- Liaise with Master Builders Association to review site waste management practices;
- Information session for property managers to address contamination of the recycling stream at multiple unit dwellings.

CONSULTATION PROCESS

In preparing this report, information was obtained from Council's waste contractors:

- Northern Territory Recycling Services (NTRS)
- Landfill Management Services (LMS)
- Territoria Civil (Shoal Bay Contractors)
- Transpacific Cleanaway

POLICY IMPLICATIONS

Operations and activities are undertaken in accordance with Council policies.

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REPORT NUMBER: 15TS0015 ND:mn
SUBJECT: WASTE & RECYCLING - DECEMBER QUARTERLY REPORT

BUDGET AND RESOURCE IMPLICATIONS

Not assessed

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Not assessed

ENVIRONMENTAL IMPLICATIONS

Operations are conducted to minimise impacts on the environment through recycling initiatives, salvaging works and gas extraction from the landfill.

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

NADINE DOUGLAS
MANAGER TECHNICAL
SERVICES

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Nadine on 8930 0417 or email:
n.douglas@darwin.nt.gov.au.

ENCL:	ENVIRONMENT & INFRASTRUCTURE	AGENDA ITEM:	9.8
YES	COMMITTEE/OPEN		
BLACK SPOT FUNDING SUBMISSION OUTCOME			
REPORT No.:	15TS0020 DL:jg	COMMON No.:	2839189
		DATE:	17/02/2015

Presenter: Manager Design, Planning & Projects, Drosso Lelekis

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

The purpose of this report is to provide Council with information on the status of the City of Darwin's 2015/2016 Black Spot submission.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

2 Vibrant, Flexible and Tropical Lifestyle

Outcome

2.1 Improved access and connectivity

Key Strategies

2.1.3 Manage the road network to meet community needs

KEY ISSUES

- In October 2014 the City of Darwin nominated three (3) projects for the 2015/2016 Black Spot Program being:
 - Daly Street and Smith Street Intersection upgrade and signalisation.
 - Ryland Road and Clarke Crescent Intersection - construction of a small round-a-bout.
 - Ryland Road and Rossiter Street Intersection - construction of central islands and a raised pavement.
- The submissions have been considered by the NT Black Spot Program Consultative Panel (Panel).
- The Department of Transport advised in December 2014 that the City of Darwin's Black Spot submission had been considered and that the requested funding amount for the Smith Street/Daly Street project was recommended but that only part of the requested funding for the Ryland Road/Clarke Crescent and Ryland Road/Rossiter Street projects had been recommended.

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 REPORT NUMBER: 15TS0020 DL:jg
 SUBJECT: BLACK SPOT FUNDING SUBMISSION OUTCOME

- The funding offer is subject to final approval of the Panel's recommendations, by the Minister for the Department of Infrastructure and Regional Development.
- In January 2015, the City of Darwin responded to the NTG's offer, accepting funding for the Daly Street/Smith Street intersection project and advising that until Council considers and approves the additional funding required to complete the proposed Ryland Road/Clarke Crescent and Ryland Road/Rossiter Street projects, it would not be in a position to accept the offer of partial funding for these projects.
- The Daly Street/Smith Street intersection upgrade is a key project contained within the draft Darwin City Centre Master Plan. The budget contains funding by NTG and Council.
- The Ryland Road/Clarke Crescent and Ryland Road/Rossiter Street intersection upgrades are projects identified in the draft Nightcliff and Rapid Creek Education Precinct Road Safety Assessment which is still subject to a community consultation process. The 2014/2015 Council budget does not contain funding for these projects.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

- A. THAT Report Number 15TS0020 DL:jg entitled Black Spot Funding Submission Outcome, be received and noted.
- B. THAT Council notes the NT Black Spot Program Consultation Panel recommendation is subject to final Ministerial approval for the Daly Street and Smith Street intersection upgrade and signalisation consisting of \$550,277 funding from the Black Spot Program and \$280,000 funding from Council.
- C. THAT Council refer the following projects and Government funding offers to the 2015/2016 Council Budget for consideration;
 - Ryland Road and Clarke Crescent intersection upgrade
 - Ryland Road and Rossiter Street intersection upgrade

BACKGROUND

The City of Darwin was invited to submit nominations for the 2015/2016 Black Spot Program by the Northern Territory Government's Department of Transport (DoT).

In October 2014, the City of Darwin submitted three (3) Black Spot nominations to the NT Black Spot Consultative Panel for consideration and these were:

- Daly Street and Smith Street Intersection upgrade and signalisation. Estimated cost \$830,277. The submission was for \$550,277 and Council would find \$280,000.

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 REPORT NUMBER: 15TS0020 DL:jg
 SUBJECT: BLACK SPOT FUNDING SUBMISSION OUTCOME

- Ryland Road and Clarke Crescent Intersection, modification to this four way intersection via the construction of a small round-a-bout. Estimated Cost \$125,408. The submission was for 100% of the cost.
- Ryland Road and Rossiter Street Intersection, modification to this four way intersection via the construction of central islands and a raised pavement. Estimated Cost \$70,380. The submission was for 100% of the cost.

DISCUSSION

In response to the City of Darwin's submission, the DoT has offered the following funding for each of the nominated projects, subject to final approval by the Minister for Transport. This approval is considered to be forthcoming and should not be an issue.

Daly Street and Smith Street Intersection

Funding offer of \$550,277 which is the total amount requested by Council. The estimated cost for this project is \$830,277 of which City of Darwin will contribute \$280,000. Funding is available with Council's 2014/2015 Budget as part of the Darwin City Centre Master Plan Projects.

Ryland Road and Clarke Crescent Intersection

Funding offer of \$75,000, which is only 60% of the requested amount of \$125,408. No funding is on Council's 2014/2015 Budget, a variation would be required.

Ryland Road and Rossiter Street Intersection

Funding offer of \$50,000, which is only 71% of the requested amount of \$70,380. No funding is on Council's 2014/2015 Budget, a variation would be required.

The DoT's letter of offer is included as **Attachment A** to this report.

Despite all three (3) of City of Darwin's nominated projects meeting the required criteria, the NT Consultative Panel has only offered full funding requested for one of the projects and partial funding for the other two (2) projects, as outlined above. The Program is a competitive project across the Territory.

In response to this partial funding offer, the City of Darwin wrote to the DoT in January 2015 accepting the funding offer of \$550,277 for the Daly Street and Smith Street intersection as it is in accordance with Council's endorsed submission.

In regards to Ryland Road projects, DoT has been advised that this would need further consideration by Council.

The current budget does not include funding for the Ryland Road projects. In addition, Council is about to undertake community consultation for the Nightcliff and Rapid Creek Educational Precinct Road Safety Assessment.

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 REPORT NUMBER: 15TS0020 DL:yg
 SUBJECT: BLACK SPOT FUNDING SUBMISSION OUTCOME

Based on the above, it is recommended that Council refer the Ryland Road projects to its 2015/2016 Budget deliberations. Initial advice is that the Black Spot funding is available for 2015/2016.

CONSULTATION PROCESS

In preparing this report, the following City of Darwin officers were consulted:

- Team Leader Design

POLICY IMPLICATIONS

No policy implications were identified.

BUDGET AND RESOURCE IMPLICATIONS

The three (3) nominated Black Spot projects have a total estimated construction cost of \$1,026,065. Despite the projects meeting the criteria to receive 100% of funding from the Black Spot Program, only partial funding for two of the projects nominated has been offered.

The NT Black Spot Program Consultative Panel has recommended that the Minister for Transport approve funding of the nominated projects as follows:

- Roundabout at Ryland Road/Clarke Crescent intersection, total cost \$125,408, grant funding of \$75,000. Council to fund \$20,408.
- Upgrade at the Ryland Road/Rossiter Street intersection, total cost \$70,380, grant funding of \$50,000. Council to fund \$20,380.
- Upgrade and signalisation of the Daly Street/Smith Street intersection, full funding of the requested amount of \$550,277. Council to fund \$280,000. Ministerial approval of the recommendations is anticipated.

Council has identified the Daly Street/Smith Street project within its 2014/2015 program as this is a key project within the draft Darwin City Centre Master Plan. The approved Black Spot funding of \$550,277 will assist in the delivery of this project with the remaining estimated \$280,000 to complete this project already provided in the 2014/2015 budget under the Master Plan Program.

The remaining funding for the Ryland Road/Clarke Crescent and Ryland Road/Rossiter Street projects being \$50,408 and \$20,380 respectively would need to be subject to Council's 2015/2016 budget process or a 2014/2015 budget variation. It is recommended that it be referred to the 2015/2016 Budget deliberation allowing Council to consider the outcomes of the community consultation process on the Nightcliff and Rapid Creek Education Precinct Road Safety Assessment.

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REPORT NUMBER: 15TS0020 DL:yg
SUBJECT: BLACK SPOT FUNDING SUBMISSION OUTCOME

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Improvements to the road network increases safety and improves efficiencies of the road network for all users.

ENVIRONMENTAL IMPLICATIONS

Implementing appropriate road improvement measures will likely result in a safer road environment for all road users.

Signalisation and upgrade of the Daly/Smith Street intersection will improve the intersection for pedestrians, bike riders and vehicle traffic in consideration of increasing development and demand. The upgrade will result in additional trees being planted in the area.

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

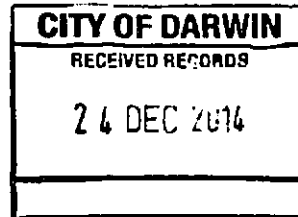
DROSSO LELEKIS
MANAGER DESIGN, PLANNING
& PROJECTS

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Drosso Lelekis on 89300414 or email: d.lelekis@darwin.nt.gov.au.

Attachments:

Attachment A: Letter from the Department of Transport advising of the recommended funding offer.



A/Chief Executive
Level 1 Energy House
18- 20 Cavenagh Street

Postal address GPO Box 2520
Darwin NT 0801
Tel 08 8924 7123
Fax 08 8924 7211
Web www.nt.gov.au/transport

Our ref: DDPI2010/4170~

Mr Luccio Cercarelli
General Manager Infrastructure
City of Darwin
GPO Box 84
DARWIN NT 0801

Luccio

Dear Mr ~~Cercarelli~~,

I am writing to advise you that the NT Black Spot Programme Consultative Panel has recommended to partially fund the following projects:

- Proposed roundabout at the Ryland Road / Clarke Crescent intersection partially funded at \$75,000, and
- Proposed upgrade at the Ryland Road / Rossiter Street intersection partially funded at \$50,000.

I am seeking your advice as to whether the City of Darwin is able to cover the remaining project capital cost and deliver these projects during 2015-16 financial year.

The panel has also recommended funding the Smith Street / Daly Street intersection project at \$550,277. This is equivalent to the requested funding for the project. Please note that this is subject to final approval from the Minister for the Department of Infrastructure and Regional Development.

I appreciate council's participation towards Black Spot Programme for making Territory safer for road users.

Yours sincerely

Louise McCormick

Louise McCormick
A/Chief Executive

ENCL: ENVIRONMENT & INFRASTRUCTURE
YES COMMITTEE/OPEN

AGENDA ITEM: 9.9

2014/2015 LOCAL AREA TRAFFIC MANAGEMENT PROGRAM UPDATE

REPORT No.: 15TS0021 DL:jg

COMMON No.: 2859621

DATE: 17/02/2015

Presenter: Manager Design, Planning & Projects, Drosso Lelekis

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

The purpose of this report is to provide Council with an update on the status of grant funding from the Northern Territory Government for the 2014/2015 Local Area Traffic Management (LATM) Program and to seek endorsement of a reduced LATM Program for 2014/2015 to accommodation funding levels.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the City of Darwin 2012 – 2016 as outlined in the 'Evolving Darwin Towards 2020 Strategic Plan':-

Goal

2 Vibrant, Flexible and Tropical Lifestyle

Outcome

2.1 Improved access and connectivity

Key Strategies

2.1.3 Manage the road network to meet community needs

KEY ISSUES

- Council 2014/2015 Budget contains a LATM program to the value of \$366,936, of which Council was expecting \$183,468 from Government via its LATM Funding Program.
- In the second half of 2014 the NT Government informally advised Council that the LATM funding would no longer be available effective immediately.
- This change by the NT Government to this well utilised and long running program was made without consultation or warning to Council.
- The CEO, City of Darwin wrote seeking clarification on the program ceasing and alternative funding options.
- A response was received from the NT Government in January 2015 informing the program had ceased.
- The NT Government has indicated they are considering alternate programs but nothing has been put into place and it is likely that the criteria would differ significantly.

PAGE: 2
 REPORT NUMBER: 15TS0021 DL:jg
 SUBJECT: 2014/2015 LATM PROGRAM FUNDING UPDATE

- Council now has a funding shortfall of \$183,468 for its 2014/2015 LATM program.
- This report recommends reducing the Councils 2014/2015 LATM program to accommodate the reduction in funding levels and Council's funding allocation within the 2014/2015 Budget.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

- A. THAT Report Number 15TS0021 DL:jg entitled 2014/2015 Local Area Traffic Management Program Update, be received and noted.
- B. THAT Council note that a third quarter budget variation will be made reducing the original 2014/2015 Local Area Traffic Management project funding from \$366,936 to \$183,468 with the reduced program being fully funded by Council.
- C. THAT Council endorse the reduction of its 2014/2015 Local Area Traffic Management (LATM) Projects as a direct result of the Northern Territory Government ceasing its LATM funding program and that the 2014/2015 Council program be;
 - 1.) Oleander Street between Bauhinia Street and Camphor Street – delineation of traffic lanes and associated intersections.
 - 2.) Malak Primary School Kiss and Go area – formalise school set down and pick up area.
 - 3.) Stage two (2) of replacing Pine Log Fencing along Alec Fong Lim Drive with kerbing or bollards.
 - 4.) Philip Street pedestrian refuge – provision of a central pedestrian refuge island near Waratah Crescent for the elderly from Pearl Village.
 - 5.) Trower Road and Delamere Street intersection – improved delineation of right turn lane.
 - 6.) Moil Crescent and Lanyon Terrace school crossings – improve the visibility of the existing school crossings via the deviation of kerb lines to reduce width of road crossing.
 - 7.) Speed check signage – two (2) new signs.
 - 8.) Harry Chan Avenue and Cavenagh Street intersection upgrade (Bus Terminal exit) to improve pedestrian safety and connectivity.

BACKGROUND

Council is committed to improving the safety of Darwin's road network and has had a successful partnership with the NTG, via its LATM program, delivering road safety improvements for the community.

Since the mid 1990's the NTG has invited, on an annual basis, submissions from Council for appropriate projects that could be co-funded for the provision of traffic management measures.

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 REPORT NUMBER: 15TS0021 DL:jg
 SUBJECT: 2014/2015 LATM PROGRAM FUNDING UPDATE

In the absence of any formal notification to the contrary, Council assumed the Government's LATM program would continue in 2014/2015. Consequently, Council developed its 2014/2015 LATM program and budget based on historical levels of funding received. The budget was adopted in June 2014.

Council does not assume it will receive all funding requested, however completely ceasing the Government's program was never expressed by the Department of Transport.

The ceasing of this successful road safety program by Government without appropriate notification or consultation is considered unreasonable.

Council's CEO wrote to the Department seeking clarification and confirmation, as well as what alternative funding might be available.

DISCUSSION

The decision by the NTG not to contribute LATM funding has placed Council in the difficult position of not being able to deliver all of the identified LATM projects as per the adopted 2014/2015 budget.

The intended LATM projects included in Council's 2014/2015 budget are as follows:-

- Oleander Street between Bauhinia Street and Camphor Street – delineation of traffic lanes and associated intersections.
- Malak Primary School Kiss and Go area – formalise school set down and pick up area.
- Replacement of Pine Log Fencing along Alec Fong Lim Drive.
- Philip Street pedestrian refuge – provision of a central pedestrian refuge island near Waratah Crescent for the elderly from Pearl Village.
- Trower Road and Delamere Street intersection – improved delineation of right turn lane.
- Namarluk Drive and Mosec Street intersection – delineation of intersection and approach bend.
- Moil Crescent and Lanyon Terrace school crossings – improve the visibility of the existing school crossings via the installation of 'blister' islands to reduce width of road crossing.
- Mitchell Street and Nuttall Place – construction of kerb build out to reduce pedestrian crossing distance and clarify One Way operation.
- Mitchell Street pedestrian refuges – modify existing refuges and construct small islands on approaches.
- Urquhart Street Footpath – construct a footpath along the central median between Vickers Street and Vimy Lane.
- Street Lighting Upgrade – Gsell Street; Alec Fong Lim Drive and Westralia Street.
- Blake Street cul-de-sac – construct turn around area at the end of Blake Street – project abandoned as the result of the outcomes from the NTG's Stuart Park traffic study.
- Speed Check Signs – purchase of two speed check signs (complete)

PAGE: 4
 REPORT NUMBER: 15TS0021 DL:jg
 SUBJECT: 2014/2015 LATM PROGRAM FUNDING UPDATE

The Department of Transport replied on the 6 January 2015 to Council's correspondence regarding the LATM program as per **Attachment A**.

DoT has confirmed that there is no funding available in 2014/2015 and that they are considering alternative programs for the future. No information or detail is available on future alternatives at the time of writing this report. It is likely that any future program will be significantly different in form, nature and criteria otherwise why would Government cease the current program.

The total program cost was \$366,936 of which Council was seeking \$183,468 from Government.

The projects are at various stages of development, however are generally ready for delivery subject to minor detail design, community engagement and alike.

It should be noted that given the success of Council's speed checks signage program and increasing requests for their placement Council has proceeded with the purchase of the new signage at a total cost of \$15,000 as budgeted.

Council now needs to decide on whether it reduces the number of projects to suit the available 2014/15 budget or to approve additional funding to make up the shortfall.

Given the time that has been needed to resolve this and remaining opportunity in the financial year to delivery this projects, it is recommended that the LATM projects list be reduced to suit the revised budget.

Based on a number of factors including, but not limited to project readiness, cost, issues being addressed and timeframe for delivery Council officers recommend the following amendments to 2014/2015 LATM projects be endorsed;

- 1.) Oleander Street between Bauhinia Street and Camphor Street – delineation of traffic lanes and associated intersections.
- 2.) Malak Primary School Kiss and Go area – formalise school set down and pick up area.
- 3.) Stage two (2) of replacing Pine Log Fencing along Alec Fong Lim Drive with kerbing or bollards.
- 4.) Philip Street pedestrian refuge – provision of a central pedestrian refuge island near Waratah Crescent for the elderly from Pearl Village.
- 5.) Trower Road and Delamere Street intersection – improved delineation of right turn lane.
- 6.) Moil Crescent and Lanyon Terrace school crossings – improve the visibility of the existing school crossings via the deviation of kerb lines to reduce width of road crossing.
- 7.) Speed check signage – two (2) new signs (completed).
- 8.) Harry Chan Avenue and Cavenagh Street intersection upgrade (Bus Terminal exit) to improve pedestrian safety and connectivity.

Attachment B is a plan indicating locations of proposed LATM projects.

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REPORT NUMBER: 15TS0021 DL:yg
SUBJECT: 2014/2015 LATM PROGRAM FUNDING UPDATE

CONSULTATION PROCESS

The Northern Territory Government ceased co-funding the LATM program without consultation with Council or appropriate notifications of its intent prior to Council's 2014/15 budget process.

In preparing this report, the following City of Darwin officers were consulted:

- Team Leader Design

POLICY IMPLICATIONS

No policy implications identified

BUDGET AND RESOURCE IMPLICATIONS

The LATM Program was based on a 50/50 funding contribution for approved projects between the Council and the NTG.

The Department has indicated that they are considering alternative programs for the future, however there is insufficient detail to understand the benefits or disadvantages to the Darwin community.

In its 2014/2015 Adopted Budget, Council has allocated \$366,936 towards the total cost of its LATM projects, with the expectation that \$183,468 would be received from the NTG, based on historical funding received.

With no NTG funding available for LATM projects in 2014/2015, Council will need to consider either a reduction in its delivery program to match available funding or to consider additional funding to make up the shortfall.

The available budget is \$228,428, consisting of \$183,468 (2014/2015) and \$44,960 (carry forward 2013/2014). The reduced program can be delivered within the available budget.

It should be noted that the speed check signs have already been purchased at a cost of approximately \$15,000.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Implementing appropriate road safety measures increases the safety of Darwin's road network for all road users.

ENVIRONMENTAL IMPLICATIONS

Implementing appropriate road safety measures will result in a safer road environment for all road users.

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REPORT NUMBER: 15TS0021 DL:yg
SUBJECT: 2014/2015 LATM PROGRAM FUNDING UPDATE

COUNCIL OFFICER CONFLICT OF INTEREST DECLARATION

We the Author and Approving Officers declare that we do not have a Conflict of Interest in relation to this matter.

DROSSO LELEKIS
MANAGER

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Drosso Lelekis on 89300414 or email:
d.lelekis@darwin.nt.gov.au.

Attachments:

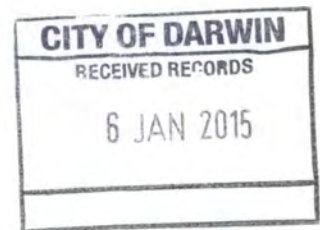
Attachment A: Letter from Chief Executive of Department of Transport
Attachment B: Plan indicating proposed LATM project locations

Chief Executive
Level 1 Energy House
18 -20 Cavenagh Street

Postal address GPO Box 2520
Darwin NT 0801
Tel 08 8924 7029
Fax 08 8924 7324
Web www.nt.gov.au/transport

Our ref: DDPI2010/0215~0029
Your ref: 2859621 PC:jg

Mr Brendan Dowd
Chief Executive Officer
City of Darwin
GPO Box 84
DARWIN NT0801



Dear Mr Dowd

RE: LOCAL AREA TRAFFIC MANAGEMENT PROGRAM 2014/2015

Thank you for your letter of 23 September 2014 regarding the withdrawal of funding for the Local Area Traffic Management program.

I am happy to advise you that the Department of Transport is in the process of developing an alternative model of funding to support Local Government which will be formally launched in due course. In the interim, the Department will consider high priority Local Government road infrastructure projects on a case by case basis. Please contact Mr Aftab Abro, Manager Traffic in the Transport Infrastructure Planning Division, regarding suitable projects. Mr Abro can be contacted on 8924 7121.

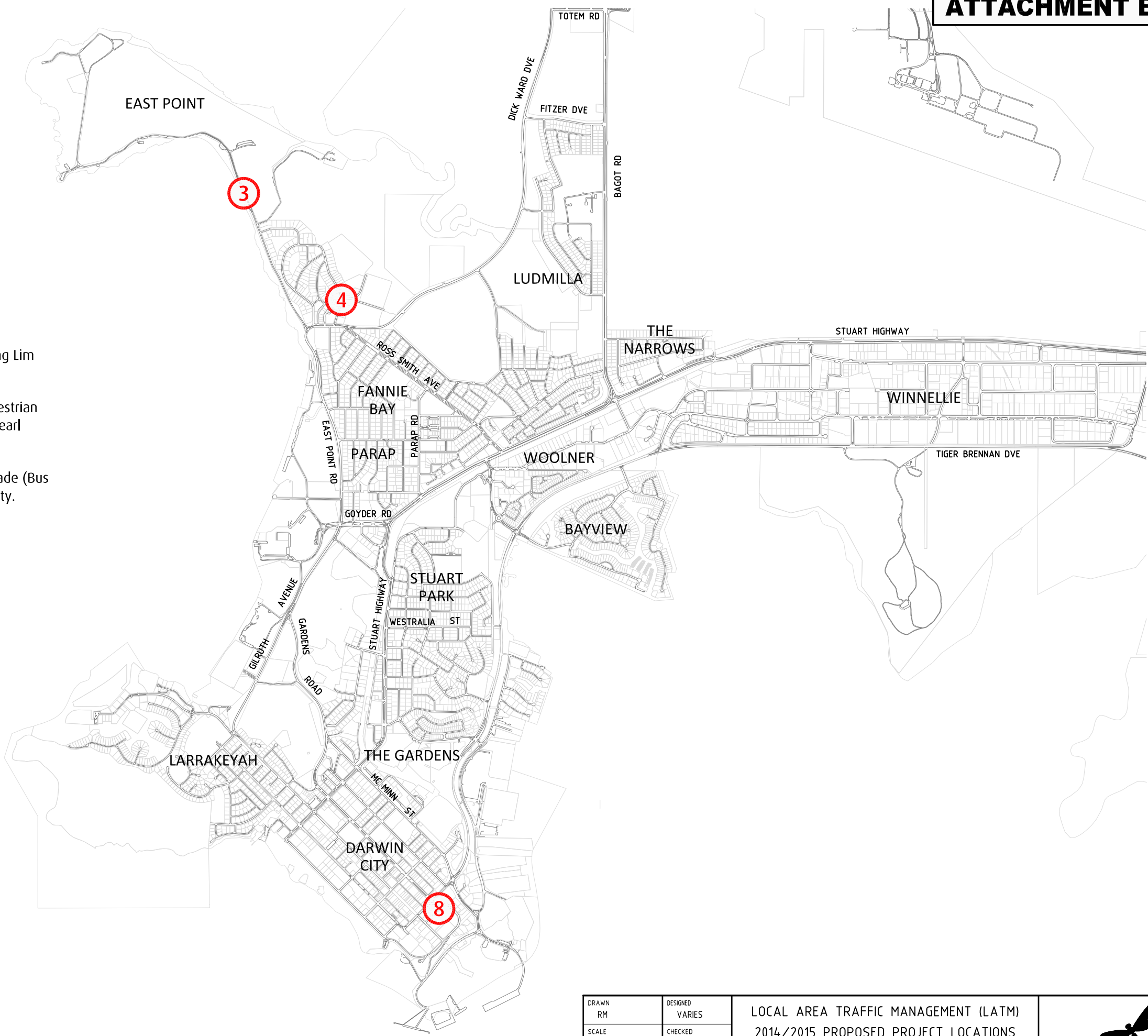
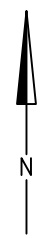
The City of Darwin's interest and commitment to creating a safer environment for Northern Territory road users is acknowledged.

Yours sincerely



Louise McCormick
A/Chief Executive

24 December 2014



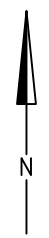
2014/2015 PROPOSED LATM PROJECTS

- 3. Stage two (2) of replacing Pine Log Fencing along Alec Fong Lim Drive with kerbing or bollards.
- 4. Philip Street pedestrian refuge - provision of a central pedestrian refuge island near Waratah Crescent for the elderly from Pearl Village.
- 8. Harry Chan Avenue and Cavenagh Street intersection upgrade (Bus Terminal exit) to improve pedestrian safety and connectivity.

INFORMATION ONLY

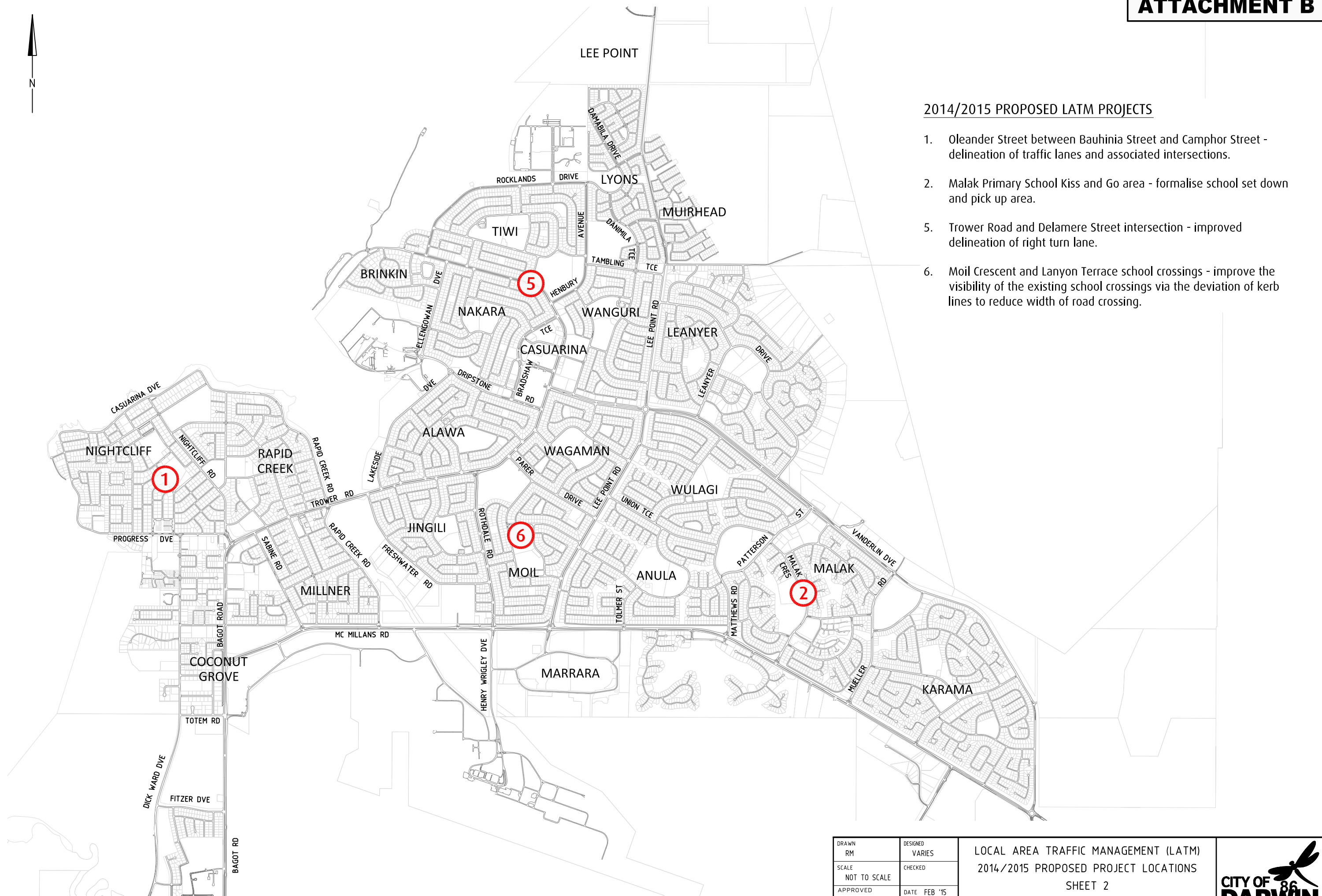
DRAWN RM	DESIGNED VARIES	LOCAL AREA TRAFFIC MANAGEMENT (LATM) 2014/2015 PROPOSED PROJECT LOCATIONS SHEET 1
SCALE NOT TO SCALE	CHECKED	
APPROVED	DATE FEB '15	
SHEET 1 OF 2		SHEET SIZE A3
		DRAWING No. 5216/12/01





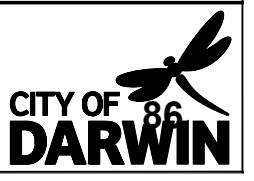
2014/2015 PROPOSED LATM PROJECTS

- 1. Oleander Street between Bauhinia Street and Camphor Street - delineation of traffic lanes and associated intersections.
- 2. Malak Primary School Kiss and Go area - formalise school set down and pick up area.
- 5. Trower Road and Delamere Street intersection - improved delineation of right turn lane.
- 6. Moil Crescent and Lanyon Terrace school crossings - improve the visibility of the existing school crossings via the deviation of kerb lines to reduce width of road crossing.



INFORMATION ONLY

DRAWN RM	DESIGNED VARIES	LOCAL AREA TRAFFIC MANAGEMENT (LATM) 2014/2015 PROPOSED PROJECT LOCATIONS SHEET 2
SCALE NOT TO SCALE	CHECKED	
APPROVED	DATE FEB '15	
SHEET 2 OF 2		SHEET SIZE A3
		DRAWING No. 5216/12/02



OPEN SECTION

E&I/6

Environment & Infrastructure Committee Meeting – Tuesday, 17 February 2015

10. INFORMATION ITEMS

Nil

11. GENERAL BUSINESS

12. CLOSURE OF MEETING