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E&I7*

Environment & Infrastructure Committee Meeting – Tuesday, 24 July 2012

CITY OF DARWIN

ENVIRONMENT & INFRASTRUCTURE COMMITTEE

TUESDAY, 24 JULY 2012

MEMBERS: Member R I Elix (Chairman); The Right Worshipful, The Lord Mayor, Ms K M Fong Lim; Member S J Niblock; Member K J Worden; Member G Lambrinidis.

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; Team Coordinator Development & Waste Management, Mrs J Welshman; Executive Officer, Miss A Smit.

Enquiries and/or Apologies: Arweena Smit
E-mail: a.smit@darwin.nt.gov.au - PH: 89300 685

Committee's Responsibilities

- | | |
|----------------------------|----------------------|
| * Car Parking | * Public Facilities |
| * Council Buildings | * Roads |
| * Drainage | * Street Lighting |
| * Environmental Management | * Traffic Management |
| * Parks and Reserves | * Urban Enhancement |
| * Plant Management | * Waste Management |

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 Environment & Infrastructure matters within the approved budget.

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1 MEETING DECLARED OPEN

2 APOLOGIES AND LEAVE OF ABSENCE

2.1 Apologies

2.2 Leave of Absence Granted

Nil

3 ELECTED MEMBERS CONFLICT OF INTEREST DECLARATION

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Environment & Infrastructure Committee Meeting – Tuesday, 24 July 2012

4 CONFIDENTIAL ITEMS

4.1 Closure to the Public for Confidential Items Common No. 1944604

COMMITTEE'S DECISION

THAT pursuant to Section 65 (2) of the Local Government Act and Regulation 8 of the Local Government (Administration) Regulations the meeting be closed to the public to consider the following Items:

<u>Item</u>	<u>Regulation</u>	<u>Reason</u>
C15.1	8(c)(iv)	This item is considered 'Confidential' pursuant to Section 65(2) of the Local Government Act and 8(c)(iv) of the Local Government (Administration) Regulations, which states municipal council may close to the public only so much of its meeting as comprises the receipt or discussion of, or a motion or both relating to, information that would, if publicly disclosed, be likely to prejudice the interests of the council or some other person.
DECISION NO.21\()		(24/07/12)

4.2 Moving Open Items Into Confidential

4.3 Moving Confidential Items Into Open

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Environment & Infrastructure Committee Meeting – Tuesday, 24 July 2012

5 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, 24 July 2012, be received and all recommendations contained therein be adopted by general consent with the exception of Item Number

DECISION NO.21\() (24/07/12)

6 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 Monday, 14 February 2012 tabled by the Chairman, be received and confirmed as a true and correct record of the proceedings of that meeting.

DECISION NO.21\() (24/07/12)

7 BUSINESS ARISING FROM THE MINUTES PERTAINING TO THE PREVIOUS ENVIRONMENT & INFRASTRUCTURE COMMITTEE MEETING

7.1 Business Arising

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Environment & Infrastructure Committee Meeting – Tuesday, 24 July 2012

8 INFORMATION ITEMS

Nil

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**

AGENDA ITEM: 9.1

**CLIMATE CHANGE & ENVIRONMENT TEAM QUARTERLY REPORT
MAY TO JULY 2012**

REPORT No.: 12TS0095 SF:NJ

COMMON No.: 1792647

DATE: 24/07/2012

Presenter: Manager Environment & Climate Change, Shelley Franklyn

Approved: Executive Manager, Mark Blackburn

PURPOSE

This Report provides Council with an update of projects undertaken and completed, as well as planning for current and future activities.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

4 Create and Maintain an Environmentally Sustainable City

Outcome

4.1 Be a leader with climate change policies

Key Strategies

4.1.1 Develop a climate change policy and strategies including the reduction of carbon emissions

KEY ISSUES

This report provides Council with an update on activities undertaken within the Climate Change & Environment Section and is presented for Council's information.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

THAT Report Number 12TS0095SF entitled Climate Change & Environment Team Quarterly Report – May to July 2012, be received and noted.

BACKGROUND

This report provides Council with an update on activities undertaken within the Climate Change & Environment Section and is presented for Council's information.

DISCUSSION

Senior Climate Change and Environment Officer position

Jade Leask has joined the Climate Change & Environment team in the role of Senior Climate Change & Environmental Officer and will be providing much needed support to Shelley and Nichole.

Darwin Green Office Program

As discussed in the Climate Change Quarterly Update (Report 12TS0085SF) the Darwin Green Office program is in its fifth month and is generating a lot of positive discussion and exploration around environmental issues both in the workplace and at home. The program focuses on two topics (alternating between waste, water, procurement, transport, energy and paper) over a two month period where a range of relevant activities are rolled out across Council by a team of Darwin Green Office Champions. Not only is this reinforcing positive environmental behaviours internally, the program has the dual benefit of fostering relationships between the different Council sections, developing a more cohesive workplace.

Sustainability Week including the Tropical Garden Spectacular & Top End Sustainability Festival 2012

Council played a significant role in Sustainability Week held Friday 1 – Sunday 10 June 2012. Council hosted, or supported the following events:

Friday 1 June 2012

- Supported with the Environment Centre NT a Business Breakfast Seminar 'ReEnergising Cities - Reducing Carbon Emissions in London, Woking, and the Sydney 2030 Energy Master Plan: Lessons for the Greater Darwin Region" with City of Sydney's Energy Expert Allan Jones.
- Hosted a Local Government Forum where elected members and managers from local councils across the NT where invited to attend along with representatives from Power and Water Corporation, Charles Darwin University and Northern Territory Government. Allan Jones presented on the Sydney 2030 Energy Master Plan and Local Councils' role in determining energy sources.
- LIFE Cyclists Send off - Lord Mayor Fong officially sent off four cyclists who were riding around Australia to raise money for the environmental charity GreenFleet.

Saturday 2 – Sunday 3 June 2012

- The Climate Change & Environment team sat on the organising committee for the Top End Sustainable Living Festival
- Climate Change & Environment, Parks & Reserves, Waste & Recycling and Recreation sat on an internal committee which coordinated the City of Darwin tent at the Tropical Garden Spectacular & Top End Sustainability Festival

2012. Although numbers were down on previous years, positive feedback was received on Council's display.

Tuesday 5 June 2012 (World Environment Day)

- Darwin Green Office program ran an Unloved Stationary Drive where the Champs collected extra stationary from their colleagues desks and refilled the stationary cabinets. In conjunction, staff were encouraged to bring a 'Plastic Free Lunch'.

Wednesday 6 June 2012

- Hosted the inaugural 'The Climate Change Challenge' youth event. The event saw representative teams from middle and senior school students compete to become The Climate Change Champions. The event provided the opportunity for students, parents and teachers to discuss and explore climate change and sustainability issues in a relaxed, fun environment. Alderman Galton was one of three on the judging panel.

Sustainability@TheTop

Also discussed in the Climate Change Quarterly Update (Report 12TS0085SF), Council's new online webpage 'Sustainability@TheTop' engages the community by offering a wealth of information on how to live more sustainably, but also offers community members the ability to develop their own sustainable action plan. By engaging the community through Sustainability@TheTop, Council and the community can work together in tackling climate change and environment related issues. Live now, the portal will be officially launched in July 2012. Elected members are encouraged to visit the portal and develop their own action plan at <http://www.sustainabledarwin.com.au/>

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The screenshot displays the 'Sustainability@TheTop' website for the City of Darwin. The header includes navigation links: Home, Q&A, News, Events, Council Programs, Resources, About, and Contact. Below the header is a sub-navigation bar with links: Community, Food & Drink, Garden, House, Products, Services, Transport, Waste, Work, and Rebates.

The main content area features a large banner with the text 'HOW CAN WE AVOID RISING ENERGY COSTS AND SAVE MONEY?' and a 'VIEW ANSWER' button. Below this, a section titled 'Our Community savings: 76,309 kg CO2' is displayed.

On the right side, there is a 'myfootprint' section for a user named Shelley. It shows that her completed actions have reduced her footprint by 7%. Her footprint is 190,831 m², with financial savings of \$7,562 and footprint savings of 14,816 m². A 'Welcome Shelley | Log out' link is provided.

Below the myfootprint section is an 'Our Community' section showing a grid of user avatars: Amber, Shelley, Nichole, Meredith, emma, and Emily. A 'View all (19)' link is at the bottom.

On the left side, there are three boxes: 'Sustainable Living Guide' (a comprehensive guide of advice, tips and inspiration on how to live more sustainably...read more), 'myfootprint' (An online tool to calculate your carbon emissions and create a personal action plan to save power, water and money...read more), and 'Sustainability@TheTop programs' (See what the Council is doing to make our region sustainable...read more).

At the bottom, there is a section titled 'EXPLORE ACTIONS THAT SAVE POWER, WATER, MONEY AND HELP FIGHT CLIMATE CHANGE' with tabs for Health, Rebates, Save water, and Climate change. Below these tabs are several small images representing different sustainability actions.

On the right side, there is an 'Events Calendar' section showing events for July: July 12 Darwin Harbour Cleanup (Various Locations), July 13 Swap @ The Top (Raintree Park), and July 25 Healthy Cooking in the Tropics (Karama Primary School). A 'View all (4) | Add an event' link is at the bottom.

12TS0095 - rpt - Climate Change Action Plan 20

George Brown Scholarship

The George Brown Scholarship has been awarded to Carmen Walker who is studying a Bachelor of Environmental Science (Environmental Management) at Charles Darwin University. She was thrilled to be awarded the scholarship and will undertake a two week work placement in the Urban Bushland team later on this year.

External Funding Applications And Awards

The Climate Change & Environment team are still waiting to hear on the following grant applications:

- EnvironmeNT Grants - \$4,000 for review and revamp of the Vegetation Booklet
- Federal Government Caring for Our Country grant - \$43,000 to undertake the first year of the East Point Biodiversity Strategy.

Applications for the NTG Special Purpose grant (\$29,000 to undertake a Level 3 Investment Grade Audit for the Civic Centre) and Federal Government Biodiversity Fund (\$99,000 to undertake a 5 year East Point Biodiversity Strategy) were unsuccessful.

The joint application from Climate Change & Environment and Parks & Reserves was unsuccessful in their application for a Melaleuca Award for their East Point Community Planting Day and launch of the Climate Change Action Plan 2011-2020. Feedback from Power and Water Corporation indicated that there was no award given in the Local Government category, as none of the applications met all criteria. The Climate Change & Environment team hope to apply to the awards program again next year with the new initiatives of the Darwin Green Office program, and Sustainability@TheTop.

Baseline Data And Level 3 Investment Grade Energy Audits

Climate Change & Environment has developed an energy baseline dataset which begins at 2009 and takes into account the following four key principles:

1. Completeness – ensure all sources are included.
2. Consistency – use an approach which can be repeated effectively in future years.
3. Transparency – make sure the source of all data collected is entirely visible, stating all methodologies and assumptions.
4. Accuracy – ensure data is accurate to ensure credibility of reported baseline.

The Chief Officer's Group will receive Quarterly Energy Updates for the selected high consuming assets.

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MAY to JULY 2012

This baseline will allow Council to develop targets which are specific, measurable, achievable, realistic and time based (SMART).

A tender brief to undertake a series of Level 3 Investment Grade energy audits for the highest consuming facilities has been approved by the Chief Officer's Group. This brief will be publicly advertised in July 2012.

Coastal Erosion Consultancy

The Manager Climate Change & Environment is a member of the Project Control Group for the Coastal Erosion brief and consultancy chaired by Council's Capital Works Team Leader.

Water Efficiency Brief

The Manager Climate Change & Environment is a member of the Project Control Group for the Water Efficiency Brief managed by Manager Infrastructure Maintenance.

Recycled Content Stationary

The team in consultation with Records, IT and Marketing, is developing a business case to use recycled content copy paper, letterhead and envelopes.

CONSULTATION PROCESS

N/A

POLICY IMPLICATIONS

N/A

BUDGET AND RESOURCE IMPLICATIONS

All activities are within the existing operational budget.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

N/A

ENVIRONMENTAL IMPLICATIONS

N/A

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MAY to JULY 2012

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.

SHELLEY FRANKLYN
MANAGER CLIMATE CHANGE &
ENVIRONMENT

MARK BLACKBURN
EXECUTIVE MANAGER

Any queries on this report may be directed to Shelley Franklyn on 8930 0629 or email s.franklyn@darwin.nt.gov.au.

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**

AGENDA ITEM: 9.2

**QUARTERLY PROGRESS REPORT OF THE CLIMATE CHANGE ACTION PLAN
2011-2020**

REPORT No.: 12TS0094 SF:NJ

COMMON No.: 1711979

DATE: 24/07/2012

Presenter: Manager Climate Change & Environment, Shelley Franklyn

Approved: Executive Manager, Mark Blackburn

PURPOSE

This Report provides Council with an update of the Quarterly Progress Report of the Climate Change Action Plan 2011-2020.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

4 Create and Maintain an Environmentally Sustainable City

Outcome

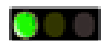
4.1 Be a leader with climate change policies

Key Strategies

4.1.1 Develop a climate change policy and strategies including the reduction of carbon emissions

KEY ISSUES

Attachment A contains the first Quarterly Progress Report of the Climate Change Action Plan 2011 – 2020. A traffic light system (as used in Interplan) is used to provide progress against each performance indicator. There are 76 performance indicators in total. The breakdown of performance is as follows:



Green (completed or completed for the year) – 33



Orange (in progress) – 31



Red (behind schedule) – 3



Grey (not scheduled to start this year) – 9.

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The three projects behind schedule relate to the timing of recruitment of the Senior Climate Change and Environmental Officer.

Report highlights are listed in the Discussion section of this report. Significant progress has been achieved in a number of areas including the development of an energy baseline for high consuming Council assets, and a tender brief to undergo a series of Level 3 Investment Grade energy audits at a select group of assets.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

THAT Report Number 12TS0094SF entitled Quarterly Progress Report of the Climate Change Action Plan 2011-2020 be received and noted.

BACKGROUND

This report provides Council with an update of the Climate Change Action Plan 2011-2020.

DISCUSSION

A traffic light system (as used in Interplan) is used to provide progress against each performance indicator. There are 76 performance indicators in total. The breakdown of performance is as follows:



Green (completed or completed for the year) – 33



Orange (in progress) – 31



Red (behind schedule) – 3



Grey (not scheduled to start this year) – 9. Report highlights include:

Darwin Green Office



In March 2012, the 'Darwin Green Office' program was launched in order to reinforce positive environmental messages and behaviours amongst Council staff. The program focuses on two topics (alternating between waste, water, procurement, transport, energy and paper) over a two month period where a range of relevant activities are rolled out across Council. Endorsed by the Chief Officer's Group and

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the Middle Manager's group, the activities are based on the principles of community based social marketing drawing heavily on social psychology research. The program, coordinated by the Climate Change and Environment team, relies on nominated Darwin Green Office Champions to help roll out activities across the Civic Centre, Operations Centre, libraries and Shoal Bay. The Darwin Green Office team meet every two months to discuss issues, ideas and questions which may arise. Not only does the Darwin Green Office program have environmental and efficiency benefits, it is fostering relationships between Council sections, developing a more cohesive workplace.

Sustainability@TheTop

Council has identified the need to engage the community and increase awareness on reducing their carbon footprint. Council's new Sustainability@TheTop online portal provides community members with a one-stop shop in the form of actions which provides information on how and why to make changes in their life in order to reduce their carbon footprint. The portal provides functionality for users to create their own personal sustainable action plan by pledging to a series of actions at home, at play and at work. The portal tracks their progress and provides savings in litres, greenhouse gas emissions, 'footprints' and dollars. The portal is easy to use and provides a Q&A functionality, an events calendar, resource page, comments page and news page. Regular prompts are sent to users to encourage them to revisit the site and update their pledges. By engaging the community through Sustainability@TheTop, Council and the community can work together in tackling climate change and environment related issues. Live now, the portal will be officially launched in July 2012. Elected members are encouraged to visit the portal and develop their own action plan at <http://www.sustainabledarwin.com.au/>

The Climate Change Challenge youth event

Council played a significant role in Sustainability Week held 1 - 10 June 2012 including holding the successful 'The Climate Change Challenge' youth event. The event saw representative teams from middle and senior school students compete to become The Climate Change Champions. The event provided the opportunity for students, parents and teachers to discuss and explore climate change and sustainability issues in a relaxed, fun environment. Alderman Galton was one of three on the judging panel.

Greener Transport

In a bid to improve transport methods of Council staff, an inaugural TravelSmart survey was undertaken in March 2012 to gain an understanding of staff travel habits. Results showed interest in carpooling and cycling programs. In conjunction, carpooling and public transport reimbursement inclusions are now part of the recently signed-off Enterprise Bargaining Agreement, rewarding staff who choose greener methods of transport. Over the coming months, an informal internal carpooling scheme will be trialled with extra incentives such as allocated car pool bays.

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Energy Efficiency

Extensive work has occurred on developing a comprehensive baseline dataset for Council's highest consuming assets (a total of 17 facilities and parks). The baseline data set takes into account the following four key principles:

1. Completeness – ensure all sources are included.
2. Consistency – use an approach which can be repeated effectively in future years.
3. Transparency – make sure the source of all data collected is entirely visible, stating all methodologies and assumptions.
4. Accuracy – ensure data is accurate to ensure credibility of reported baseline.

A tender brief has been developed to undertake a series of Level 3 Investment Grade energy audits for the highest consuming facilities. This brief will be publicly advertised in July 2012.

Coastal erosion report

Consultant is working in close consultation with Capital Works and Climate Change & Environment. Report due for submission end of August 2012.

Water management report

Proposals have been received and Project Control Group hopes to appoint preferred consultant in the coming weeks. This piece of work will provide a series of recommendations as to how Council can better manage their water consumption.

CONSULTATION PROCESS

Action progress was initially sourced from Interplan. Contact was then made with program areas to ensure the information within the report was up to date.

POLICY IMPLICATIONS

The Climate Change Action Plan 2011-2020 underpins Council's Climate Change Policy No. 059. Considering the Action Plan is valid until 2020, the progress against the Plan provides Council in good stead for the future.

BUDGET AND RESOURCE IMPLICATIONS

N/A

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

NA

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PLAN 2011-2020

ENVIRONMENTAL IMPLICATIONS

As with the Policy Implications, considering the Plan is valid until 2020, the progress against the Plan provides Council in good stead for the future.

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.

SHELLEY FRANKLYN
MANAGER CLIMATE CHANGE &
ENVIRONMENT

MARK BLACKBURN
EXECUTIVE MANAGER

For enquiries, please contact Shelley Franklyn phone 89300530 or email:
s.franklyn@darwin.nt.gov.au.

Attachments:

Attachment A: CCAP Quarterly Update v3

Quarterly Progress Update

Climate Change Action Plan 2011-2020

Prepared by Shelley Franklyn 20/06/12

Introduction

The *Climate Change Action Plan 2011-2020* was endorsed by Council in October 2011 and launched in December 2011. The Plan outlines how Council will reduce its carbon footprint through a series of mitigation activities, and adapt to the effects of climate change. This is the inaugural quarterly report on action progress.

In the first instance, action progress has been sourced from Interplan, Council's internal reporting system where actions are reported against monthly. Where further information was required, action owners (as delegated in Interplan) were approached for further detail.

A traffic light system (as used in Interplan) is used to provide progress against each performance indicator. There are 77 performance indicators in total. The breakdown of performance is as follows:



Green (completed or completed for the year) – 33



Orange (in progress) – 31



Red (behind schedule) – 3



Grey (not scheduled to start this year) – 9.



Progress Report




Corporate Actions





Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
C1	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	C1.1 Number of strategies adopted and targets met.		Strategies developed include: - Development of Darwin Green Office (program to reinforce positive environmental behaviours) introduced March 12 including ingoing activities which focus on electricity, transport, procurement, water, waste and paper. - Darwin Green Office Champions appointed across Council who roll out activities. - Grant applications for East Point Biodiversity Strategy for Biodiversity Fund and Caring for Our Country fund. - Inaugural corporate TravelSmart survey. - Ongoing investigation into options for Level 3 Investment Grade energy audits and subsequent retrofits. Application to Northern Territory Government Special Grants funding program to undertake Level 3 Investment Grade energy audit for Civic Centre. Draft Level 3 consultancy brief developed for major energy consuming building assets. - Manager on project control board for recent Water Efficiency Brief for Council. - Soft launch of 'Sustainability @ The Top', a new online community portal website at Tropical Garden Spectacular and Top End Sustainable Living Festival (June 2012) with official launch scheduled in July (date to be confirmed). COMMENT: City of Darwin continuously develop strategies to reduce Council's carbon footprint. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new strategies to be reported on.
C2	Infrastructure	Coordinator Parks & Reserves	2011/12	C2.1 Best appropriate practice strategy developed C2.2 Development of suitable species list		Management Plans for Rapid Creek, Duke Street Rainforest and East Point Nature Reserve developed. Management Plans for other areas classified as Urban Bushland in progress. Suitable species (including endemic) lists developed for all Management Plans mentioned above and amenity trees.





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



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Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
C3	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	C3.1 Number of advocacy activities undertaken		<p>Opportunities to advocate include:</p> <ul style="list-style-type: none"> - Council of Capital Cities Lord Mayors submission to Productivity Commission on Barriers to climate change Adaptation which included input on the Northern Territory Planning Act and process, and attendance at a roundtable in Melbourne. - Ongoing support to Capital Works Coordinator in relation to coastal erosion consultancy. - Input into Council's submission and Darwin Harbour Advisory Committee's (DHAC) submission Northern Territory Government's on Greater Darwin Plan. - Ongoing input into development applications as requested by Town Planning team. <p>COMMENT: The Climate Change and Environment team advocate as opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new advocacy opportunities to be reported on.</p>
C4	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	C4.1 Number of energy efficient clauses inserted into development proposals		<p>Input opportunities include:</p> <ul style="list-style-type: none"> - Council of Capital Cities Lord Mayors submission to Productivity Commission on Barriers to climate change Adaptation which included input around the Northern Territory Planning Act and process, and attendance at a roundtable in Melbourne. - Northern Territory Planning Act amendments regarding dredging. - Advice provided to Community and Cultural Department's community centre energy efficiency brief. - Input into Council's submission and Darwin Harbour Advisory Committee's (DHAC) submission Northern Territory Government's on Greater Darwin Plan. - Ongoing investigating options for retrofit to Council facilities. <p>COMMENT: Council has little control over indicator C4.1 and as such it is difficult to measure against. Indicator C4.2 is also difficult to measure against. Manager Climate Change & Environment recommends updating or removing Performance Indicator in 3 year review of Climate Change Action Plan.</p>

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
C5	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	C5.1 Strategic partnerships developed		<p>Strategic partnerships developed with:</p> <ul style="list-style-type: none"> - Productivity Commission regarding their inquiry into Barriers to Climate Change Adaptation. - Territory NRM, Conservation Volunteers and Darwin Urban Landcare groups regarding project synergies, and providing support for grant applications for Federal Government grant programs. - Federal Government regarding the Carbon Pricing Mechanism, Carbon Farming Initiative, National Television and Computer Recycling Scheme guidelines - City of Melbourne and City of Sydney Councils regarding energy performance contracting and building retrofits. - Northern Territory Department of Lands and Planning regarding biking facilities, Ride to Work Day and Super Tuesday. - Australian Local Government Association regarding the Carbon Pricing Mechanism and waste facilities. - Local Government Association of the Northern Territory regarding a range of issues including the Carbon Pricing Mechanism, waste facilities, National Television and Computer Recycling Scheme guidelines and other issues. - Kids Teaching Kids program regarding the opportunity to act as mentors for school students. - Middle and Senior Schools within the municipality regarding involvement in Council lead climate change initiatives. - Internally, Youth Services team, Parks and Recreation, Capital Works, Recreation, Waste and Recycling. <p>COMMENT: City of Darwin continuously develop partnerships externally and within Council so as to strengthen awareness and education campaigns on climate change issues. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new partnerships to be reported on.</p>
W1	Infrastructure	Manager Infrastructure Maintenance	2011/12	W1.1 Water Efficiency Action Plan developed W1.2 Actions to reduce water consumption are identified	 	<p>Decision on preferred consultant in progress. Consultancy will begin shortly after selection.</p> <p>This is dependent on above action, and final report.</p>







Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
W2	Infrastructure	Building Maintenance Officer	Ongoing	W2.1 Installation of water saving equipment in Council facilities		Water saving equipment installed include: - Taps in Civic Centre replaced with time usage saving taps. - Showers in public amenities fitted with water timing shower roses. - East Point Toilets at Gun Turret refurbished and water saving taps installed. COMMENT: The Building Maintenance team continuously install water saving equipment. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be undertaken and reported on. As above.
W3	Infrastructure	Manager Infrastructure Maintenance	2011/12	W2.2 Number and type of projects implemented W3.1 Annual water usage report		Decision on preferred consultant in progress. Consultancy will begin shortly after selection. Initial historic water data received from Power and Water Corporation. Manager Climate Change & Environment to analyse data in new financial year.
W4	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	W4.1 Participation in the development and implementation of a Darwin Harbour Water Quality Protection Plan		Effective responses provided through: - Beach Monitoring Taskforce. - Minister appointed membership to Darwin Harbour Advisory Committee (DHAC). - Input into Council's submission and Darwin Harbour Advisory Committee's (DHAC) submission Northern Territory Government's on Greater Darwin Plan COMMENT: Manager Climate Change & Environment provides effective responses through the Darwin Harbour Advisory Committee as required. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new response opportunities to be reported on.
W5	Infrastructure	Team Coordinator Waste & Recycling and Development	2011/12	W5.1 Water Sensitive Urban design incorporated into guidelines		Drafted Water Sensitive Urban Design (WSUD) principles are expected to be incorporated into guidelines late 2012.

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
and Development Guidelines.				W5.2 Promotion of Water Sensitive Urban Design for Darwin subdivisions		New developments have incorporated Water Sensitive Urban Design (WSUD) principles and continue to for new development stages. COMMENT: Team Coordinator Waste & Recycling and Development regularly liaises with new developers during the planning and construction on WSUD. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new response opportunities to be reported on.
W6 Incorporate strategies for landscaping, utilising water conservation principles and appropriate plant species in public open spaces and road verges.	Infrastructure	General Manager Infrastructure	2015/16	W6.1 Number of strategies implemented		Improvements to Council's watering system undertaken annually within council's approved budgets. Decision on preferred consultant in progress. Consultancy will begin shortly after selection. Ongoing discussions with developers of Muirhead and Power and Water Corporation regarding the feasibility of sewer mining in Muirhead.
L1 Develop a strategy to maintain and enhance the urban forest.	Infrastructure	Coordinator Parks & Reserves	2011/12	L1.1 Strategy developed		Research undertaken: - Ongoing research into best practice strategic urban forest policy/strategy. - Annual Bus Route Tree planting program (on current budget allocation and current rate of 300 trees per annum, will take 7 years to complete). - CBD Street Tree inventory and i-Tree Eco analysis near completion. - Document draft process initiated. - Development of the Advanced Tree Nursery at Operations Centre. - Ongoing commitment to the National Urban Forest Alliance (Council represented by Technical Parks Office Parks & Reserves). - 294 street trees planted within the municipality to strengthen and create corridors within the Urban Forest.
				L1.2 Strategy implemented		COMMENT: Resources required to develop a professional strategy are lacking and preventing advancements towards deadline. Leading Councils in this area have dedicated resources for development and implementation of urban forest strategies. This is dependent on above action.

Action		Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
L2	Develop and implement a Coastal Erosion Management plan for Council owned land.	Infrastructure	Team Leader Capital Works	2011/12	L2.1 Development of a Coastal Erosion Management plan for the municipality L2.2 Implementation of Coastal Erosion Management Plan		Consultant is working in close consultation with Team Leader Capital Works and Manager Climate Change & Environment. Report due for submission end of August 2012. This is dependent on above action and as a result will have a much longer timeframe than originally anticipated.
L3	Take into account coastal erosion, sea surge and flooding in all new infrastructure and development projects.	Infrastructure	General Manager Infrastructure	2011/12	L3.1 New infrastructure and development projects constructed taking into consideration the future effects of sea level rise and storm surge zones		Relevant comments provided in development applications received from NTG on new major land subdivisions. Review of Council's sub divisional guidelines being undertaken to include considerations. Stormwater studies of existing Council stormwater systems including consideration of this impact.
A1	Lobby for external scientific approaches to improve and monitor air quality.	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	A1.1 Number of lobbying activities undertaken.		Developed relationship with Charles Darwin University Air Quality Unit and has used their air quality data in i-Tree Eco project. No other opportunities to date.
B1	Increase native endemic vegetation to ensure conservation of existing communities.	Infrastructure	Coordinator Parks & Reserves	2011/12	B1.1 Number of areas of conserved habitat for biodiversity		Joint planting initiative with East Point Aero Modellers successful in receiving \$9,459 through the Territory NRM local grant funding which will expand and intensify original planting activity in 2012 wet season.


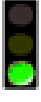
Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
B2	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	B2.1 Number of advocacy activities undertaken		<p>Advocacy opportunities include:</p> <ul style="list-style-type: none"> - Ongoing support to non government organisations such as Urban Landcare groups (for grant applications and for 'Corridors of Green' project), Frogwatch (Reversing Reptile Decline project) and Conservation Volunteers Australia (identifying projects within the municipality) - Application to Federal Government Biodiversity Fund and Caring for Our Country grants for development of East Point Biodiversity Strategy 2012. - Comment provided on Greater Darwin Plan from Council's perspective and input into DHAC submission (Mar 12). - Membership to Darwin Harbour Advisory Committee (DHAC). <p>COMMENT: The Climate Change and Environment team advocate as opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new opportunities to be reported on.</p>
B3	Infrastructure	Coordinator Parks & Reserves	Ongoing	B3.1 Number of revegetation activities undertaken		<p>Revegetation activities include:</p> <ul style="list-style-type: none"> - East Point community planting day Dec 11 with 4000 plants being planted. - Joint planting initiative with East Point Aero Modellers successful in receiving \$9459 through the Territory NRM local grant funding which will expand and intensify original planting activity in 2012 wet season. <p>COMMENT: The Parks and Reserves team continuously undertake plantings at East Point Nature Reserve. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new opportunities to be reported on.</p>
R1	Review and enhance Council's kerbside waste minimisation strategy.	Team Leader Waste & Recycling	2013/15	R1.1 Review of strategy undertaken R1.2 Volume of waste sent to landfill per capita R1.3 Recycling rates per capita	  	<p>Not scheduled to start this year.</p> <p>0.213 tonnes of waste per capita for 2010/11.</p> <p>0.6 tonnes of recycling per capita for 2010/11.</p>

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
R2	Advocate and promote a greater range of economical recyclable products to be included within Council's recycling service.	Infrastructure	Team Leader Waste & Recycling	2011/12	R2.1 Number of advocacy and promotional opportunities undertaken	<p>Advocacy activities include:</p> <ul style="list-style-type: none"> - Cleanaway, on Council's behalf conducted 76 school based talks - 15 Shoal Bay tours undertaken - Big Aussie Swap (to be followed in July by Swap @ The Top). - Trial of recycling signage at unit complexes - Displays during Adult Learners Week - Television advertising in January / February 2012. <p>COMMENT: The Waste & Recycling team continuously undertakes advocacy opportunities as they arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>
R3	Continue to promote Council's Policy Position on Container Deposit Legislation.	Infrastructure	Team Leader Waste & Recycling	2011/12	R3.1 Number of promotional activities undertaken	<p>Container Deposit Legislation introduced and collection depot details provided on Council website. Information supplied to general public about how to present containers for deposit. Since the introduction of the scheme two collectors in Darwin have had to suspend participation in the scheme until further notice due to coordinators not agreeing on a fair and reasonable price for handling of containers.</p>
R4	Develop a Green Purchasing Policy for Council.	Corporate	General Manager Corporate	2012/13	R4.1 Development of a Green Purchasing Policy R4.2 Percentage of green products and services purchased	<p>Not scheduled to start this year.</p> <p>Business cards are now printed on 100% recycled content. Work is in progress regarding recycled content stock for letterhead, copy paper and envelopes.</p> <p>COMMENT: It is too early to provide a percentage as per Performance Indicator R4.2.</p>
R5	Develop an internal waste policy with actions to encourage staff to reduce their waste production while at work.	Office of the Chief Executive	Manager Climate Change & Environment	2011/12	R5.1 Internal waste policy developed	<p>Newly appointed Senior Climate Change and Environmental Officer working on policy with expected adoption date late Jul 12.</p>


Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
R6	Office of the Chief Executive	Manager Climate Change & Environment	2011/12	R6.1 Waste reporting including recycling rates		Initial waste audit undertaken of one bin for promotional activity as part of Darwin Green Office. Funding requested as part of 2013 budget to undertake official audit.
R7	Office of the Chief Executive	General Manager Corporate	2011/12	R7.1 Ratio of community events using environmentally preferable packaging.		Ongoing discussions with the Market Associations and a review of Council Venue Hire policy to include environmentally preferable packaging is in progress.
R8	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	R8.1 Volume of plastic bags and packaging sent to landfill per full time equivalent		Council supports the introduction by the NT govt of the minimisation of plastic bags which is stated on Council's website. Other Darwin Green Office activities such as 'Plastic Free Lunch' and 'Unloved Stationary Drive' were undertaken in support of minimising packaging. COMMENT: This Performance Indicator R8.1 is dependent on results from an internal waste audit (action R6).
E1	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing (every three years)	E1.1 Energy Audits completed		Draft consultancy brief with Chief Officers Group for comment. Baseline data currently being collected internally for major consuming assets. Standing Operating Procedures developed for energy data collection.
				E1.2 Continual benchmarking of progress		Benchmarking will occur once datasets are robust and complete. This is dependent on Performance Indicator E1.1.
				E1.3 Identified areas in Council's operations where cost effective energy reductions can be made		This is dependent on completion of Performance Indicator E1.1. However, previous Level 2 audits undertaken provide some guidance for current facility upgrades.




Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
E2	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	E2.1 Regular Greenhouse Gas Inventories undertaken		Funding requested as part of 2013 budget.
		Team Leader Waste & Recycling		E2.2 Regularly address Council's compliance with emissions trading scheme		Council will begin to report to NGRS as per requirement of the Clean Energy Regulator as part of Council's responsibilities under the Carbon Pricing Mechanism.
E3	Infrastructure	Building Maintenance Officer	Ongoing	E3.1 Number of new and refurbished Council buildings with ESD design principles applied		Ecologically Sustainable Development principles installed include: - Civic Centre air con operating times adjusted seasonally. - Toilet refurbishments include timers to showers and taps. - Lighting to be converted to LED. - Ongoing investigation into options for Level 3 Investment Grade energy audits and subsequent retrofits. Application to Northern Territory Government Special Grants funding program to undertake Level 3 Investment Grade energy audit for Civic Centre. Draft Level 3 consultancy brief developed for major energy consuming building assets.
E4	Infrastructure	General Manager Infrastructure	2013/14	E4.1 Feasibility studies undertaken		Feasibility study in progress for alternate lighting and energy device (solar and wind) installed at East Point. Renewable energy continues to be generated from Shoal bay gas. Council continues to seek opportunities to utilise renewable generated power were feasible
E5	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	E5.1 Number of lobbying activities undertaken.		Not started. COMMENT: The Climate Change & Environment team has been under-staffed since September, so some actions have been prioritised over others until the team is at full strength again.
E6	Infrastructure	Team Leader Capital Works	2011/12	E6.1 Ratio of energy efficient features versus actual projects		Lighting projects include: - Lighting upgrades were included as apart of the MY0800 project - Yanula Park light design includes censored LED lights. COMMENT: The Capital Works team continuously investigates energy efficient public lighting design. This status is assigned green




Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
E7	Corporate	General Manager Corporate	2013/14	E7.1 Development of a Green Computer Policy		for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on. This Performance Indicator is difficult to measure against. Manager Climate Change & Environment recommends updating or removing Performance Indicator in 3 year review of Climate Change Action Plan. Not scheduled to start this year.
E8	Corporate	General Manager Corporate	2013/14	E8.1 Development of a Green Fleet Policy		Policy is drafted and is out for internal comment. Council has a number of hybrid vehicles (trucks and passenger) in its fleet, and continues to replace petrol vehicles with fit for purpose hybrids.
				E8.2 Investigation into electric vehicles/scooters undertaken		Charles Darwin University Masters student (Manager Climate Change & Environment) investigating electric car usage for Council fleet for thesis.
E9	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	E9.1 Number of promotional activities undertaken		Promotional activities undertaken: - Inaugural internal TravelSmart survey early 2012 to understand behaviours. To be conducted again in dry season. - Darwin Green Office focused on transport in March/April 12. - Car Pooling and subsidised public transport are key components of the Enterprise Bargaining Agreement. - Green Travel Plan for new starters to be developed. COMMENT: The Climate Change & Environment team continuously promotes greener methods of transport. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.
E10	Corporate	General Manager Corporate	2013/15	E10.1 Set-up of priority car spaces		Not scheduled to start this year as was dependent on outcome of Enterprise Bargaining Agreement (EBA) process. The EBA has now been finalised and car pooling is a key component. Work will begin on this in the new financial year.



Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
E11	Office of the Chief Executive	Manager Climate Change & Environment	2011/12	E11.1 Annual energy reporting		Baseline data currently being collected internally for major consuming assets. First report to be presented to Environment and Infrastructure committee July 12. Standing Operating Procedures developed for energy data collection.
E12	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	E12 Number of promotional activities undertaken		<p>Promotional activities include:</p> <ul style="list-style-type: none"> - Climate Change & Environment presentation included in the Council New Starter Induction Program. - Development of Darwin Green Office (program to reinforce positive environmental behaviours) introduced March 12 including ingoing activities which focus on electricity, transport, procurement, water, waste and paper. - Darwin Green Office Champions appointed across Council who roll out activities. <p>COMMENT: The Climate Change & Environment team continuously promotes sustainable living to Council staff. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>




Community Actions





Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
CMC1	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CMC1.1 Number of public displays and events participated in		<p>Public displays and events include:</p> <ul style="list-style-type: none"> - Sustainability @ The Top, Council's new online portal, as part of the official launch. - Libraries have copies of the Climate Change Action Plan 2011-2020. - Darwin Green Office Champions at each Library. - Library representative on the Swap @ The Top organising committee. <p>COMMENT: The Climate Change & Environment team continuously work with the Libraries team to jointly promote climate change issues. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>



Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
CMC2	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CMC2.1 Number of programs and products delivered		Soft launch of 'Sustainability @ The Top', a new online community portal website at Tropical Garden Spectacular and Top End Sustainable Living Festival (June 2012) with official launch scheduled in July (date to be confirmed).
CMC3	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CMC3.1 Number of public displays and events participated		<p>Public displays and events include::</p> <ul style="list-style-type: none"> - Ride to Work Day - Big Aussie Swap - National Recycling Week - Clean Up Australia Day - Earth Hour - Tropical Garden Spectacular & Top End Sustainable Living Festival - Sustainability Week (Council hosted Local Government Forum with Allan Jones, GreenFleet Cyclist Send Off and The Climate Change Challenge Youth event) - World Environment Day (Plastic Free Lunch Day and Unloved Stationary Drive). <p>COMMENT: The Climate Change & Environment team continuously work with community organisations to support climate change related events. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>
CMC4	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CMC4.1 Number of successful applicants to grants CMC4.2 Estimated reduction of greenhouse gas emissions due to grants		<p>Four successful grants were awarded as part of the Climate Change and Environment Community Grant Funding, equating to \$26,037 in funding.</p> <p>Applicants had difficulty in providing a sufficient answer to this question. As a result, the inclusion of links to online calculators in the application may be considered next year.</p>



Action		Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
CMW1	Build partnerships with external agencies to provide community education campaigns for reduced water usage.	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CMW1.1 Number of partnerships developed		Strategic partnerships developed with: - Power and Water Corporation regarding water consumption reduction, irrigation and facility water auditing workshops. - Territory NRM, Conservation Volunteers and Darwin Urban Landcare groups regarding project synergies, and providing support for grant applications to the Federal Biodiversity Fund and Caring for Our Country grant programs. - City of Melbourne and City of Sydney Councils regarding energy and water performance contracting and building retrofits (ongoing). - Kids Teaching Kids program regarding the opportunity to act as mentors for school students. - Top End Sustainability Living Festival Committee including Northern Territory Parks and Wildlife, Environment Centre NT, Environment Protection Authority. COMMENT: The Climate Change & Environment team continuously work on campaigns with external agencies to reduce water usage. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.
					CMW1.2 Number of combined education campaigns undertaken		Campaigns include: - Irrigation and facility water auditing workshops with Power and Water. - Tropical Garden Spectacular & Top End Sustainable Living Festival. COMMENT: The Climate Change & Environment team continuously work on campaigns with external agencies to reduce water usage. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.
CML1	Advocate for urban intensification along public transport corridors, high density and urban design, incorporating universal design	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CML1.1 Number of submissions made for efficient urban design projects		Advocacy opportunities undertaken: - Submission to the NT Govt Land Use Plan on the benefits of urban intensification. - Input into council submission and DHAC submission for Greater Darwin Plan. - Provision of support for Urban Landcare Biodiversity Fund submission. - Support for Draft National Biodiversity Guidelines. COMMENT: The Climate Change and Environment team advocate as opportunities arise. This status is assigned green for the 2011-



Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
						2012 year, and will return to red at July 1 (and subsequent years) to allow for new advocacy opportunities to be reported on.
CMB1	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CMB1.1 Number of public displays and events participated in annually		<p>Displays and events include:</p> <ul style="list-style-type: none"> - East Point Community Planting Day with 4000 plants planted. - Ongoing support to non government organisations such as Urban Landcare groups (for grant applications and for 'Corridors of Green' project), and Conservation Volunteers Australia (identifying projects within the municipality) - Application to Federal Government Biodiversity Fund and Caring for Our Country grants for development of East Point Biodiversity Strategy. - Joint planting initiative with East Point Aero Modellers successful in receiving \$9,459 through the Territory NRM local grant funding which will expand and intensify original planting activity in 2012 wet season. - Ongoing work with Parks and Reserves team regarding use of i Tree Eco street trees. - Organising committee for Tropical Garden Spectacular & Top End Sustainable Living Festival and Sustainability Week 2012. <p>COMMENT: The Climate Change & Environment and Parks & Reserves teams participate in displays as opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new opportunities to be reported on.</p>
				CMB1.2 Number of revegetation programs completed annually		<p>Revegetation programs include:</p> <ul style="list-style-type: none"> - East Point Community Planting Day with 4000 plants planted. - Joint planting initiative with East Point Aero Modellers successful in receiving \$9459 through the Territory NRM local grant funding which will expand and intensify original planting activity in 2012 wet season. - Ongoing planting schedule at Rapid Creek. <p>COMMENT: The Parks and Reserves team continuously undertake plantings across the municipality. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new opportunities to be reported on.</p> <p>Manager Climate Change & Environment and Parks & Reserves Coordinator recommend this Performance Indicator be amended to read 'm² of revegetation undertaken annually' in the 3 year review of</p>



Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
						Climate Change Action Plan.
CMB2	Promote the protection areas of high conservation values in the Darwin municipality.	Office of the Chief Executive	Ongoing	<p>CMB1.3 Number of Council contracts</p> <p>CMB2.1 Number of promotions undertaken</p>	 	<p>A joint planting initiative with East Point Aero Modellers was successful in receiving \$9459 through the Territory NRM local grant funding which will expand and intensify original planting activity in 2012 wet season.</p> <p>Promotional activities undertaken:</p> <ul style="list-style-type: none"> - East Point Community Planting Day with 4000 plants planted. - Ongoing support to non government organisations such as Urban Landcare groups (for grant applications and for 'Corridors of Green' project), and Conservation Volunteers Australia (identifying projects within the municipality) - Application to Federal Government Biodiversity Fund and Caring for Our Country grants for development of East Point Biodiversity Strategy. - Joint planting initiative with East Point Aero Modellers successful in receiving \$9459 through the Territory NRM local grant funding which will expand and intensify original planting activity in 2012 wet season. - Participation in Tropical Garden Spectacular and Top End Sustainability Festival 11 and on committee for 2012. <p>COMMENT: The Climate Change & Environment team continuously promotes the protection of areas of high conservation values. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>
CMR1	Promote recycling and resource recovery at community events and use promotional activities to assist in educating residents in reduction of waste generated from households.	Office of the Chief Executive	2011/12	CMR1.1 Number of promotions undertaken		<p>Promotional activities undertaken:</p> <ul style="list-style-type: none"> - Big Aussie Swap (to be followed in July by Swap @ The Top). - Ongoing school tours of Shoal Bay. - Sustainability Week 2012 'Schools Day' participation. - Tropical Garden Spectacular & Top End Sustainable Living Festival. - First phase of a Communication Strategy has been implemented through an electronic media campaign. <p>COMMENT: The Climate Change & Environment and Waste & Recycling teams continuously promote recycling and resource use at community events. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p> <p>The responsibility for this Action has changed to the Team Leader Waste & Recycling. Manager Climate Change & Environment recommends updating the responsibility in the 3 year review of</p>

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
CMR2	Infrastructure	Team Leader Waste & Recycling	Ongoing	CMR2.1 Provision of information on recycling receptacles		Climate Change Action Plan. All new bins and replaced bins are hot stamped with recycling information. All new collection services receive a calendar with recycling information. A communications plan has been compiled and includes plans to send out a recycling directly to all Darwin residents.
CMR3	Infrastructure	Team Leader Waste & Recycling	Ongoing	CMR3.1 Number of community education events/ programs held		Events and programs undertaken: - Work is progressing on the review and delivery of education materials including the recent development of television advertising which occurred in January 2012. - School based education visits continued as well as Shoal bay School Visits. COMMENT: The Waste & Recycling team continuously promotes recycling and resource use at community events. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.
CMR4	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CMR4.1 Volume of plastic bags consumed within the community		Council supports the NTG ban on plastic bag ban as per their Environmental Policy.
CME1	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CME1.1 Number of promotions undertaken		Promotional activities include: - Partner in the Environmental and Law Policy Seminar series which included seminars on ecologically sustainable design building principles. - Participation in Tropical Garden Spectacular and Top End Sustainability Festival 11 and committee for 2012. - Ongoing investigation into options for Level 3 Investment Grade energy audits and subsequent retrofits. Application to Northern Territory Government Special Grants funding program to undertake Level 3 Investment Grade energy audit for Civic Centre. Draft Level 3 consultancy brief developed for major energy consuming building assets. - Jointly hosted Sustainability Week 2012 Business Breakfast alongside Environment Centre NT with Allan Jones (City of Sydney) discussing decentralised energy generation and London and Woking examples. - Hosted Sustainability Week 2012 Local Government Forum with

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
						<p>Allan Jones (City of Sydney) discussing decentralised energy generation for cities.</p> <p>COMMENT: The Climate Change & Environment team promotes efficient building design as opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new opportunities to be reported on.</p>
CME2	Advocate to relevant authorities the potential for reward schemes or incentives for residents that implement measurable power conservation initiatives.	Manager Climate Change & Environment	Ongoing	CME2.1 Number of advocacy opportunities undertaken		<p>Not started.</p> <p>COMMENT: The Climate Change & Environment team has been under-staffed since September 2011, so some actions have been prioritised over others until the team is at full strength again.</p>
CME3	Promote emission reduction strategies, cool housing designs, Energy Star rated appliance information and grid connected solar panels.	Manager Climate Change & Environment	Ongoing	CME3.1 Number of promotional activities undertaken		<p>Promotional activities undertaken:</p> <ul style="list-style-type: none"> - Soft launch of 'Sustainability @ The Top', a new online community portal website at Tropical Garden Spectacular and Top End Sustainable Living Festival (June 2012) with official launch scheduled in July (date to be confirmed) - Promotion of COOLmob's Sustainable Apartments Project. <p>COMMENT: Performance Indicator CME2.1 is not a true representative of the size of a program. For example Sustainability @ The Top would be reported on as '1' program which does not accurately describe the size or depth of the program content. Manager Climate Change & Environment recommends updating Performance Indicator CME3.1 in 3 year review of Climate Change Action Plan.</p>

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
CME4	Participate in programs encouraging efficient energy usage in households.	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CME4.1 Number of public displays and events participated in	 <p>Displays and events include:</p> <ul style="list-style-type: none"> - Partner in the Environmental and Law Policy Seminar series which included seminars on ecologically sustainable design building principles. - Participation in Tropical Garden Spectacular and Top End Sustainability Festival 11 and committee for 2012. - Jointly hosted Sustainability Week 2012 Business Breakfast alongside Environment Centre NT with Allan Jones (City of Sydney) discussing decentralised energy generation and London and Woking examples. - Hosted Sustainability Week 2012 Local Government Forum with Allan Jones (City of Sydney) discussing decentralised energy generation for cities. - Hosted The Climate Change Challenge youth event as part of Sustainability Week 2012. - Soft launch of Council's new Sustainability @ The Top online portal (June 12). Official launch in July 12 (date to be confirmed). - Awarding of the Community Climate Change & Environment grant funding encouraging energy efficiency in community organisations. <p>COMMENT: The Climate Change & Environment team participate in displays and events as opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>
CME5	Advocate to relevant authorities energy-efficient design standards and codes for commercial and industrial premises.	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CME5.1 Number of advocacy opportunities undertaken	 <p>Advocacy opportunities include:</p> <ul style="list-style-type: none"> - Council of Capital Cities Lord Mayors submission to Productivity Commission on Barriers to climate change Adaptation which included input on the Northern Territory Planning Act and process, and attendance at a roundtable in Melbourne. - Provision of input into the National Climate Change Adaptation Research Facility's (NCCARF) research program 'Developing Legal Frameworks for Climate Change Adaptation Planning in Australia'. <p>COMMENT: The Climate Change & Environment team advocate where opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
CME6 Promote the benefits of car-pooling, biking, walking and public transport use in the community.	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CME6.1 Number of promotional activities undertaken		<p>Promotional activities undertaken:</p> <ul style="list-style-type: none"> - Support for Northern Territory Government's Park and Ride Hubs. - Ride to Work Day committee. - Worked with the National Bicycle Network, DLP and other groups in Super Tuesday Bike Count and Ride to Work Day. - Provision of feedback and support to COOLMob's grant submission for a Darwin wide carpooling system. - Undertaken inaugural internal TravelSmart survey early 2012 to understand behaviours. Recommendations based on results taken to Chief Officers Group. - Car Pooling and subsidised public transport are key components of the Enterprise Bargaining Agreement. - Showcase hybrid truck and cars at Tropical Garden Spectacular & Top End Sustainable Living Festival. <p>COMMENT: The Climate Change & Environment team promotes greener transport methods as opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>
CME7 Lobby for sustainable public transport systems.	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CME7.1 Number of lobbying activities undertaken.		<p>Lobbying activities undertaken:</p> <ul style="list-style-type: none"> - Input into Council's submission and Darwin Harbour Advisory Committee's (DHAC) submission Northern Territory Government's on Greater Darwin Plan. - Jointly coordinated with the National Bicycle Network, Department of Lands and Planning, and other local groups in Super Tuesday Bike Count and Ride to Work Day which encourages the community to cycle. - Provision of feedback and support to COOLMob's grant submission for a Darwin wide carpooling system. - Undertaken inaugural internal TravelSmart survey early 2012 to understand behaviours. Recommendations based on results taken to COG. - Car Pooling and subsidised public transport are key components of the Enterprise Bargaining Agreement. <p>COMMENT: The Climate Change & Environment team lobby for sustainable transport means as opportunities arise. This status is assigned green for the 2011-2012 year, and will return to red at July 1 (and subsequent years) to allow for new projects to be reported on.</p>

Action	Lead Department	Responsibility	Time Frame	Performance Indicator	Status	Progress
CME8	Office of the Chief Executive	Manager Climate Change & Environment	Ongoing	CME8.1 Introduction of 'Park and Ride' Hubs		Council has made reference to this in comments on the Greater Darwin Land Use Plan. Council is reviewing its carparking strategy which is considering this initiative.
				CME8.2 Number of advocacy opportunities undertaken		Advocacy opportunities undertaken: - Existing hubs promoted through Darwin Green Office. - Green Travel Plan to include information about 'Park and Ride' hubs.

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**

AGENDA ITEM: 9.3

**INFRASTRUCTURE – DESIGN, PLANNING & PROJECTS
JULY 2012 QUARTERLY REPORT**

REPORT No.: 12TS0108 DL:lm

COMMON No.: 1832896

DATE: 27/07/2012

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 April to June 2012 quarter.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

2 Enhance Darwin's Active, Positive and Flexible Lifestyle

Outcome

2.1 Improve urban enhancement around Darwin

Key Strategies

2.1.4 Provide a clean and liveable municipality

KEY ISSUES

- 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 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, 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 Liquor License, Alfresco Dining and Signage applications and deal with Strategic Planning matters if and when they arise.

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 QUARTERLY REPORT

- The City of Darwin's Roads to Recovery project, being the reconstruction of Cavenagh Street between Daly Street and Searcy Street went to tender on 24 May 2012. The tender for the works was awarded to East Arm Civil Pty Ltd on 13 July 2012.
- The City of Darwin's Black Spot Project nomination "Aralia Street Traffic Calming" valued at \$50,000 has been approved by the Federal Government. Preliminary design and investigation works are now underway.
- "Safe Routes to School" Assessments have been actioned for the Larrakeyah and Leanyer Primary Schools.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

THAT Report Number 12TS0065 DL:lm entitled Infrastructure – Design, Planning & Projects – March 2012 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.

DISCUSSION

The following provides highlights of activities which have occurred in the Section and is provided for the City of Darwin's information:

- Various traffic report assessments associated with development applications and proposals within the Darwin Municipality have been undertaken including projects such as, the Proposed Apartments and Commercial Use Lot 1532 Cavenagh Street, Darwin CBD; the Proposed 43 Unit Residential Development – Lot 2434 to 2436 Mitchell Street and the Proposed development Lot 8641 and 4965 Progress Drive, Nightcliff;
- Work continued on the development of a Road and Local Area Traffic Management Prioritisation Model to assist in the prioritisation, management and improvement of the safety of the City of Darwin's Road Network. Once completed a report will be presented to the City of Darwin;
- The CBD Parking Strategy review project is progressing;
- The CBD traffic study is progressing;
- The City of Darwin's Roads to Recovery project, being the reconstruction of Cavenagh Street between Daly Street and Searcy Street went to tender on

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24 May 2012. The tender for the works was awarded to East Arm Civil Pty Ltd on 13 July 2012;

- Construction has been completed on all approved 2011/2012 Local Area Traffic Management (LATM) projects;
- The major consultancy to develop a comprehensive municipal harbour coastal erosion management plan is underway;
- The Northern Territory Government has provided funding to the City of Darwin to the value of \$1 million for the implementation of specific infrastructure along the Nightcliff foreshore. Many of these projects are underway and are expected to be completed within the coming months the progress of these items is the subject of a separate report to Council.
- The road rehabilitation program (asphalt) for 2011/2012 is complete;
- Construction works on the City of Darwin's Black Spot Project, traffic calming in Bayfield Road, Malak is complete;
- The City of Darwin's Black Spot Project nomination "Aralia Street Traffic Calming" valued at \$50,000 has been approved by the Federal Government. Preliminary design and investigation works are now underway;
- Conceptual designs for possible traffic calming measures and tree plantings along Wanguri Terrace have been completed. These concepts will be utilised for community consultation and costing considerations. A Community consultation plan is being produced and the consultation process will be undertaken in the next quarter, with outcomes to be reported back to Council, in accordance with the previous decision on the matter;
- "Safe Routes to School" Assessments have been actioned for the Larrakeyah and Leanyer Primary Schools;
- The 2011/ 2012 pathway construction program is complete.
- Works on the Dick Ward Drive shared path are complete.

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 REPORT NUMBER: 12TS0108 DL:lm
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 QUARTERLY REPORT

Development Applications

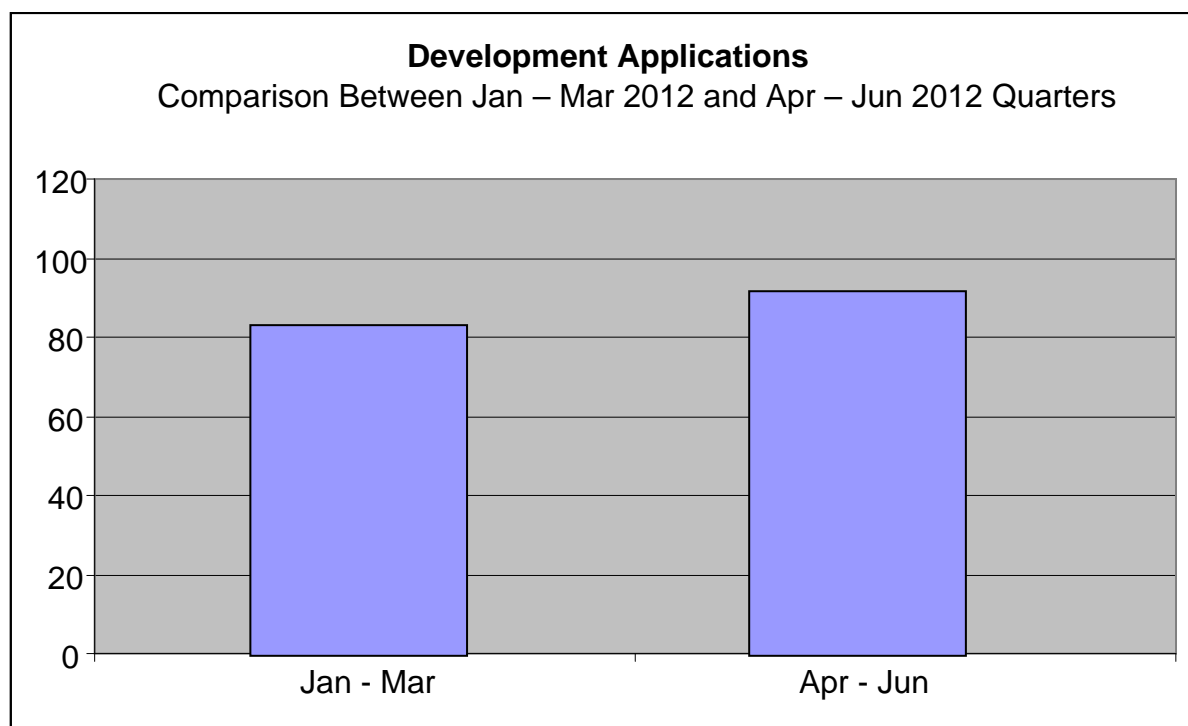
The Town Planning Committee endorsed ninety-two (92) letters in response to Development Applications for the Darwin Municipality in the April to June 2012 quarter.

Of these applications:

- Forty-three (43) required reports to the Committee to assess the subject proposals against the NT Planning Scheme, as well as determining the responsibilities of Council under the Local Government Act.

Of the forty-three (43) reports;

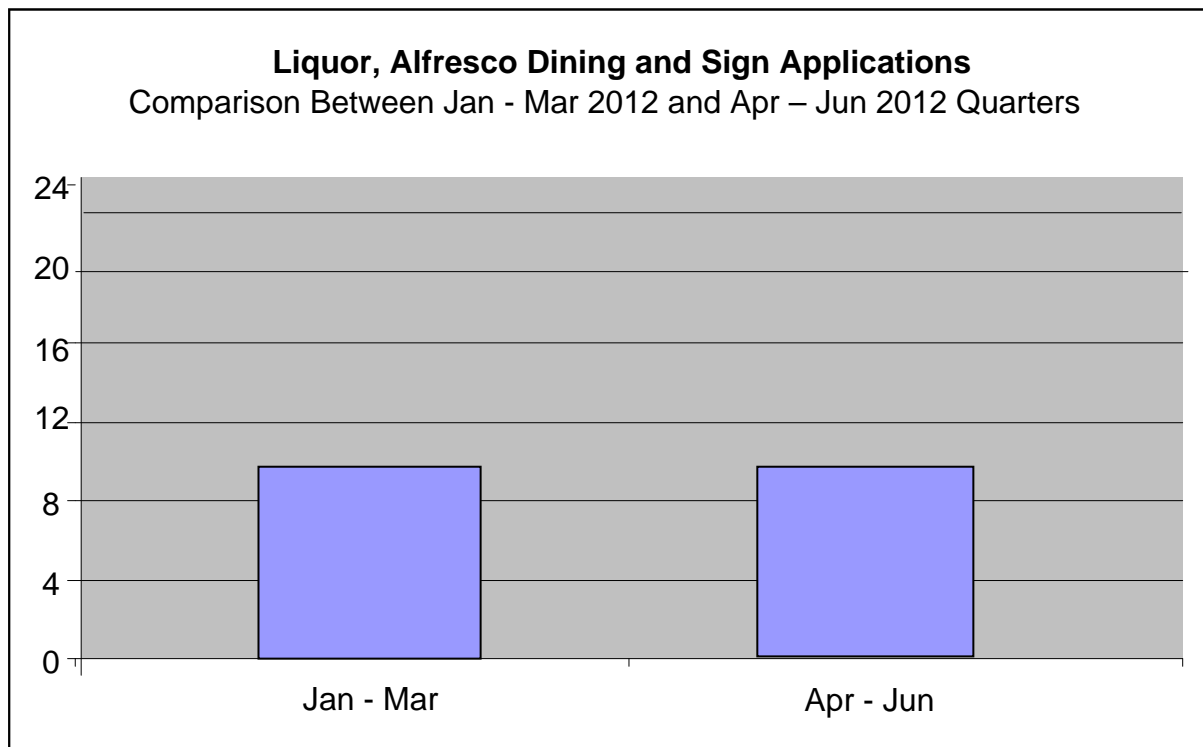
- One (1) report was to amend the NT Planning Scheme to Rezone land;
- Eight (8) were Subdivision Applications



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Liquor Licences, Alfresco Dining and Sign Applications and Variations

A total of six (6) applications for Signs and four (4) Liquor Licences applications were received in the April to June quarter.



CONSULTATION PROCESS

In preparing this report the following parties were consulted:

Strategic Town Planning
 Team Leader Design
 Team Leader Capital Works

POLICY IMPLICATIONS

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

BUDGET AND RESOURCE IMPLICATIONS

All of the activities are undertaken in accordance with the City of Darwin's 2011/12 Capital Works and/or Operational budgets.

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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 consideration forms 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.

**ENVIRONMENT & INFRASTRUCTURE
MEETING/OPEN**
AGENDA ITEM: 9.4
INFRASTRUCTURE MAINTENANCE – JUNE 2012 QUARTERLY REPORT
REPORT No.: 12TS0075 KS:jd
COMMON No.: 1887505
DATE: 24/07/2012
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 April to June 2012 quarter.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

2 Enhance Darwin's Active, Positive and Flexible Lifestyle

Outcome

2.1 Improve urban enhancement around Darwin

Key Strategies

2.1.1 Manage and maintain the municipal landscaping and infrastructure to a standard that meets community needs

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.
- Council has constructed approximately 1.344 kilometre of new pathway and repaired 440 lineal metres in the quarter.
- Council cleaned 2.5 kilometres of stormwater drainage.
- Council responded to 257 graffiti issues in the quarter.

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 REPORT NUMBER: 12TS0075KS:jd
 SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2012 QUARTERLY REPORT

RECOMMENDATIONS

THAT it be a recommendation to Council:-

That Report Number 12TS0075KS:jd entitled Infrastructure Maintenance – June 2012 Quarterly Report, be received and noted.

BACKGROUND

Quarterly reports provide a snapshot of the activities for the Infrastructure Maintenance Section of 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 and provides some understanding of the variety and capacity 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.

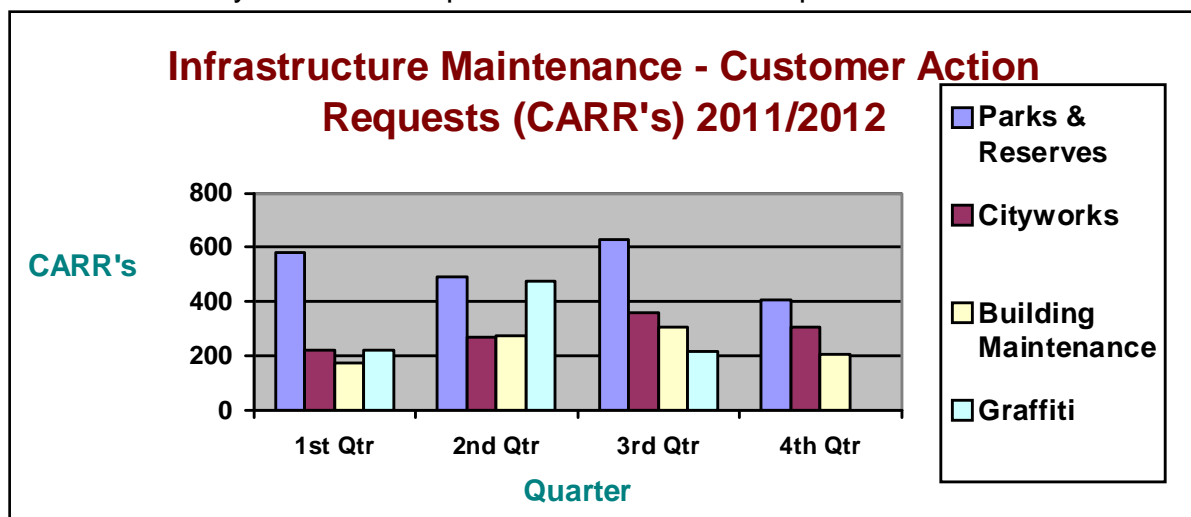
In addition to maintenance programs, capital works are completed with in-house staff and contractors.

Works completed over the quarter included a high number of pot hole repairs due to end of wet season audits.

Tree planting was reduced for the quarter in line with the reduced rainfall but will increase in the periods immediately prior and during the wet season.

A major workload is experienced with events and festivals increasing through the last quarter including Sea breeze festival, Glenti, Territory Day Fireworks and Bass in The Grass.

A brief summary of works completed in the June 2012 quarter is as follows.

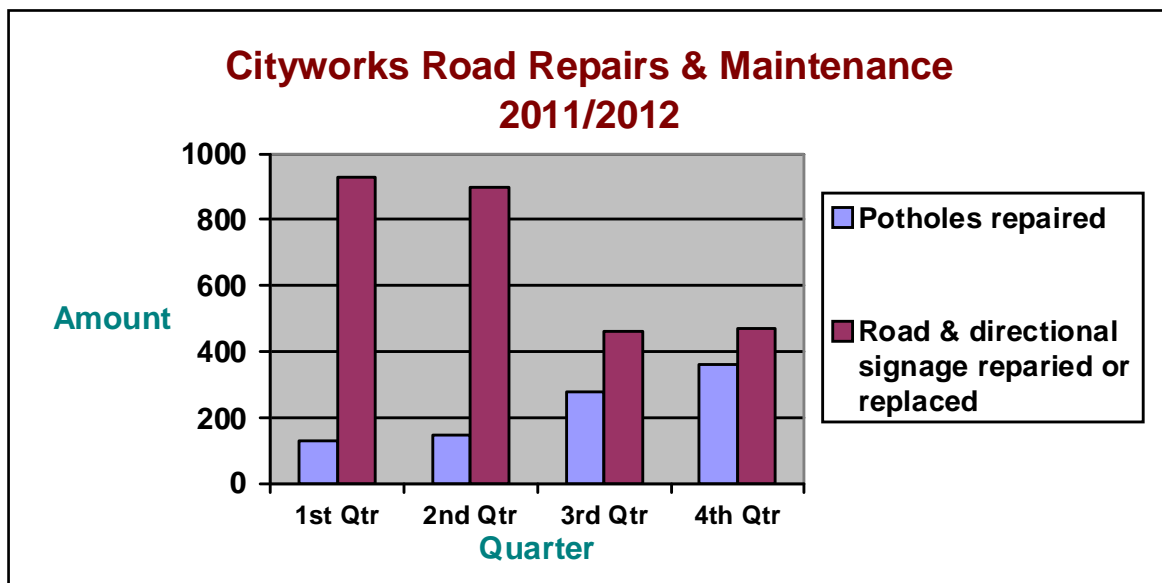


CITY WORKS

Cityworks actioned approximately 308 Customer Action Requests in addition to programmed and proactive maintenance tasks.

Repairs and Maintenance

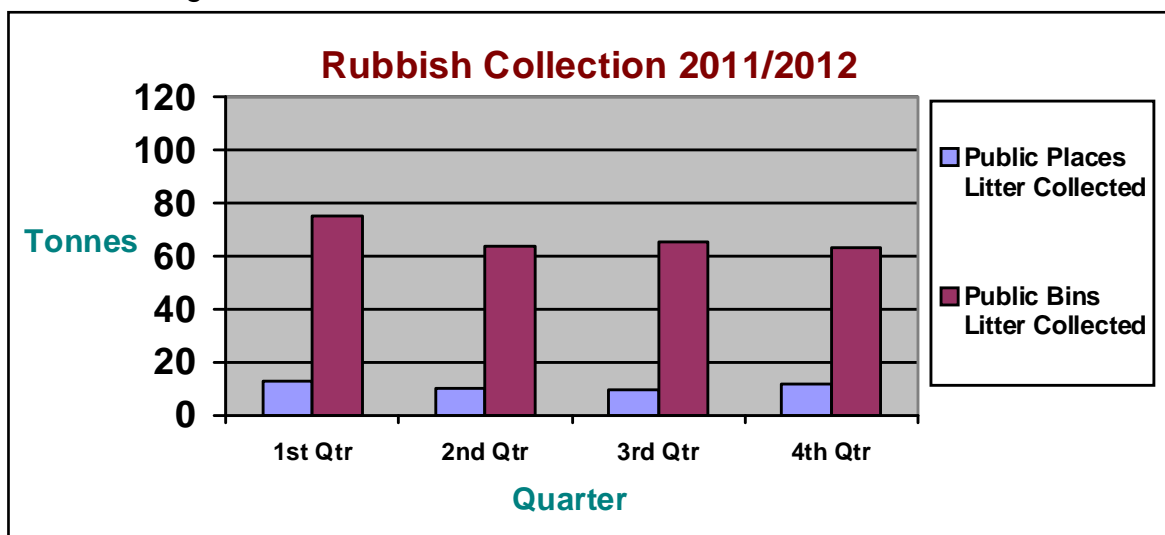
- Footpath repairs completed - approximately 140 lineal metres bitumen path
 - approximately 300 lineal metres concrete path
- Potholes repaired - approximately 360
- Storm Water Drains cleaned – 2.5 kilometres
- Road and directional signage – 472 signs repaired or replaced.



Foot patrols through the CBD and foreshore areas to pick up litter in public places, resulted in approximately 11.9 tonnes of litter being collected and removed.

Rubbish Collection

2,482 public litter bin collections occurred in the quarter resulting in 63.16 tonnes of rubbish being removed.



Capital Works Programs Undertaken For The Quarter

- Driveway reconstructions – 11
- Road surface over laid – 16,500 square metres
- Side entry pits – 260 cleaned
- Side entry pits installation and repairs – 42 units installed
- Brick Paving Footpath Reconstruction – 100 square metres
- Footpath construction and reconstruction – 1.344 kilometers
- High-pressure cleaning walkways – 500 square metres

PARKS AND RESERVES

Parks and Reserves Section actively maintains approximately 574 hectares of open space. The section actioned 406 Customer Action Requests over the quarter in addition to normal proactive maintenance tasks. These requests covered irrigation repairs, vandalism repairs, grass cutting and verge maintenance, tree pruning/stump grinding/removals, fence repairs, litter collection and playground maintenance.

The Parks and Reserves are divided into precinct areas for the purposes of maintenance as follows:

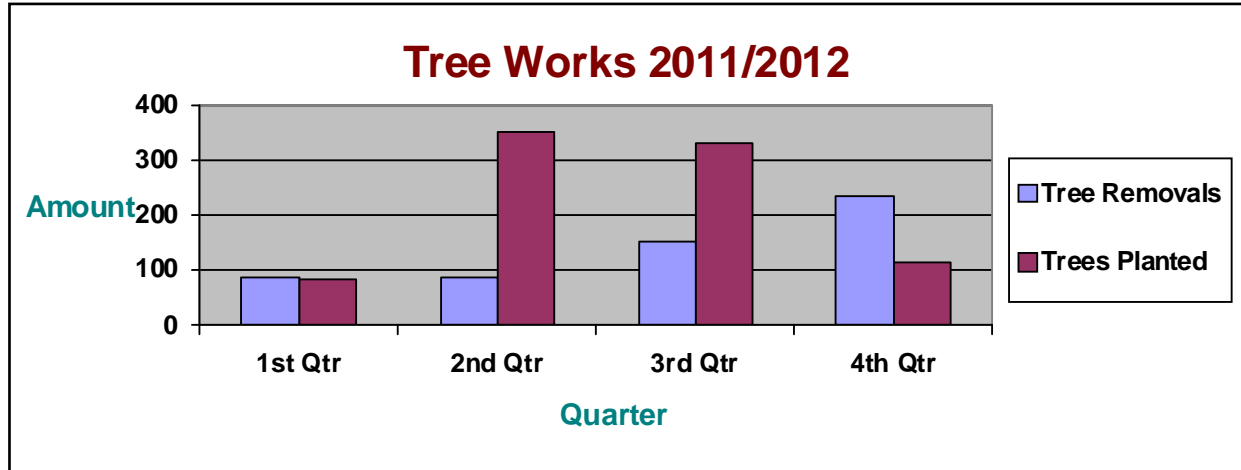
- The CBD precinct maintains 132 hectares in 202 separate areas of parkland, ovals, road reserve, roundabouts, shopping centre garden beds and street gardens throughout the suburbs of Darwin CBD, Larrakeyah, Bayview, Stuart Park, The Gardens, Parap, Woolner, Fannie Bay and Winnellie.
- The Central Precinct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

Some highlights for the quarter include:

- Infrastructure refurbishment works to irrigation pump sheds at sporting ovals completed.
- Public Outdoor Ping Pong table purchased through Parks Infrastructure used in the Activate NT Darwin, Healthy Darwin programs run by Community Services and at The Big Gig.
- Darwin General Cemetery renumbering project trial section completed

URBAN FOREST MANAGEMENT

- 113 trees were planted
- 232 trees removed by the Urban Forestry team and City of Darwin contractors within the quarter.



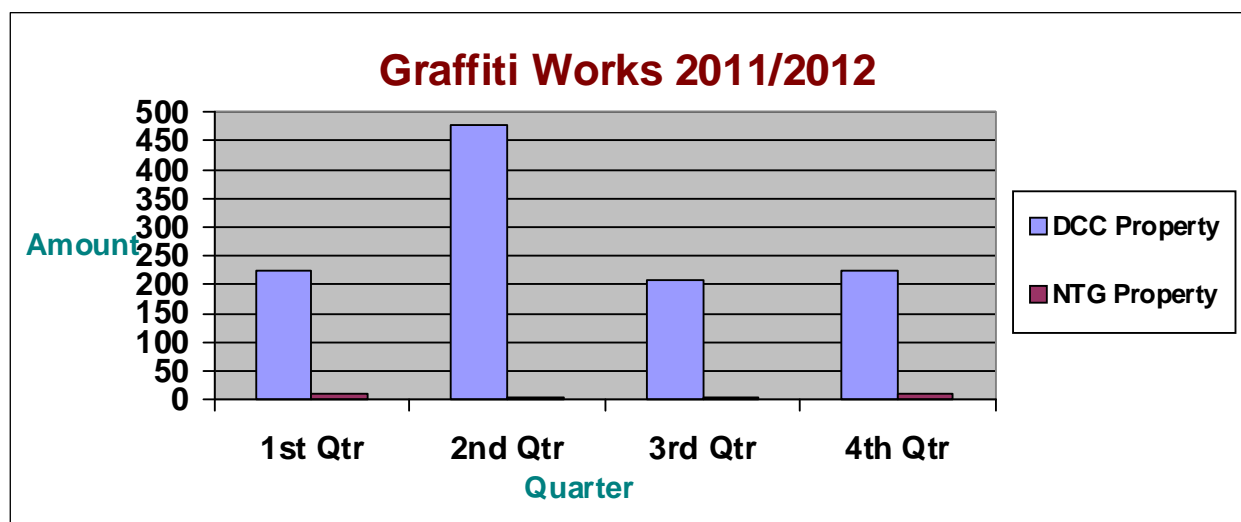
Major Works Programmed Within The Next Quarter

- Darwin General Cemetery Memorial Wall installation project due for completion
- Upgrade rubber softfall to playgrounds as part of Capital works programme
- Install 75 meters of coastal fencing at Nightcliff foreshore
- Upgrade combination seating and picnic tables East Point reserve

BUILDING SERVICES

Building services responded to 207 Customer Action Requests over the quarter in addition to normal proactive maintenance tasks.

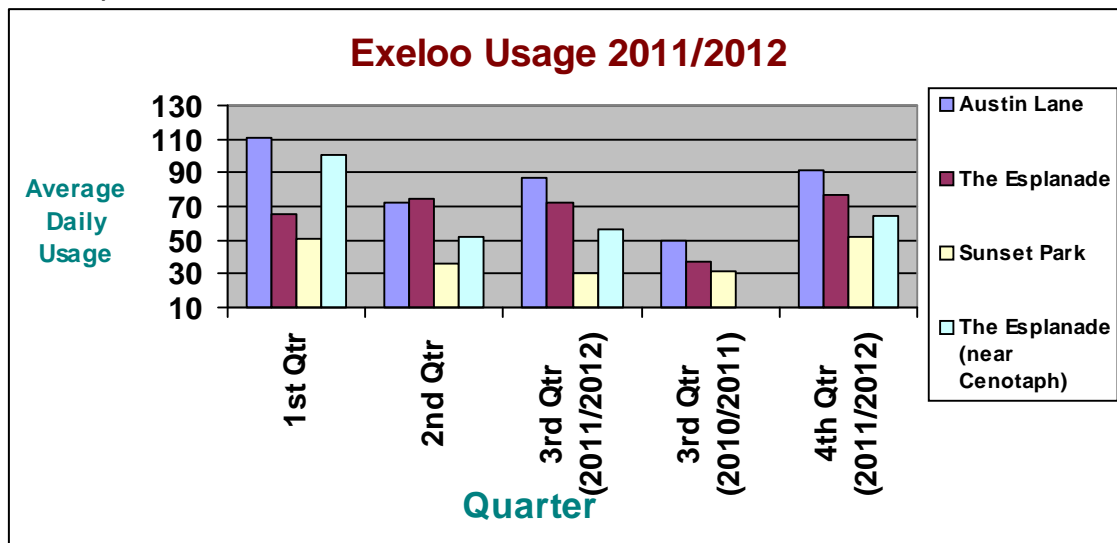
Council Graffiti team responded to 257 Customer Action Requests internal and external, relating to City of Darwin and Northern Territory Government controlled assets, over the quarter.



Exeloo Public Toilet Usage

Council operates six public Exeloo toilets and four of these are automated to collect statistics on daily usage rates. Usage rates for the quarter were;

- Austin Lane Exeloo – 91 uses per day average over the past quarter
- Esplanade Exeloo – 77 uses per day average over the past quarter
- Sunset Park Exeloo – 59 uses per day average over the past quarter
- Esplanade Exeloo (near Cenotaph) – 64 uses per day average over the past quarter



(Note: The exeloo on the Esplanade (new Cenotaph) came into operations in 2011/2012)

Some highlights for the quarter include:

- Darwin Entertainment Centre - Bathroom Refurbishment
- Amphitheatre - City of Darwin Branding and External Painting
- Nightcliff Swimming Pool - New Awning over Toddler's Pool Pump Assembly
- Nightcliff Foreshore - Asbestos "Emu Bob" to remove asbestos particles
- East Point Gun Turret Toilet Block - Refurbishment
- Mitchell Street Child Care Centre - New 19.5m long covered walkway from street to building entrance
- Mindil and Vestys Beach BBQ Shelters - Roof replacement

Major Works Programmed Within The Next Quarter

- Civic Centre, City of Darwin – External Painting
- Darwin Entertainment Centre - New digital sign boards
- Casuarina Library, City of Darwin – External Painting
- Civic Centre, New Standby Generator Installation to provide power to Council's IT Services
- Mindil and Vestys Beach BBQ Shelters – Roof replacement
- Darwin General Cemetery re-numbering to continue.

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 REPORT NUMBER: 12TS0075KS:jd
 SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2012 QUARTERLY REPORT

CONSULTATION PROCESS

The following parties were consulted in preparation of this report:

Team Coordinator City Works
 Building Services Officer
 Team Coordinator Parks & Reserves

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

Any queries on this report may be directed to Kerry Smith on 08 8980 3654 or
 k.smith@darwin.nt.gov.au

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**
AGENDA ITEM: 9.5
WASTE AND RECYCLING JUNE 2012 QUARTERLY REPORT
REPORT No.: 12TS0109 JW:lm
COMMON No.: 1738353
DATE: 24/07/2012

Presenter: Team Coordinator Development & Waste Management,
Joy Welshman

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 April to June 2012 quarter.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

4 Create and Maintain an Environmentally Sustainable City

Outcome

4.3 Increase efficiency of waste management

Key Strategies

4.3.1 Continue to lobby for, provide and develop contemporary waste management practices

KEY ISSUES

- The Australian Government's Carbon Pricing Mechanism (CPM) came into effect as of 1 July 2012.
- Work is progressing on Carbon Farming Initiatives (CFI) which could be applied at Shoal Bay to potentially off-set Carbon Pricing.
- Design and documentation work continues on the expansion of the lined waste cells and asbestos management systems for Shoal Bay.
- Directional and information signage relating to the Shoal Bay Waste Management Facility has been installed. Additional signs are programmed to be installed in the coming weeks.
- 21,800 tonnes of residential green waste was processed in 2011/2012.
- 645 white goods and air-conditioning units containing gases were degassed and recycled by the Recycling Facility this quarter.
- Signage installed at Shoal Bay.

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 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

RECOMMENDATIONS

THAT it be a recommendation to Council:-

THAT Report Number 12TS0109 JW:lm entitled Waste And Recycling June 2012 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.

Council staff continued to progress matters relating to the operations of the Shoal Bay Waste Management Facility and these included:

- The impact of the Australian Government's Carbon Pricing Mechanisms (CPM) that commenced on 1 July 2012.
- Investigation of Carbon Farm Initiative (CFI) opportunities to reduce emissions from the site and reduce Council's potential financial liability under the CPM.
- Design and documentation of the first stage of extension of the landfill, designed to extend the life of the facility.
- The development of an asbestos management plan to allow Shoal Bay to accept and handle asbestos as a Regional Facility within the Top End region.
- Directional and information signage relating to the Shoal Bay Waste Management Facility has been installed.

DISCUSSION

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 collections and sales facility and a landfill gas processing plant. Data is provided throughout the report on all aspects of these operations.

Gas Extraction Operations

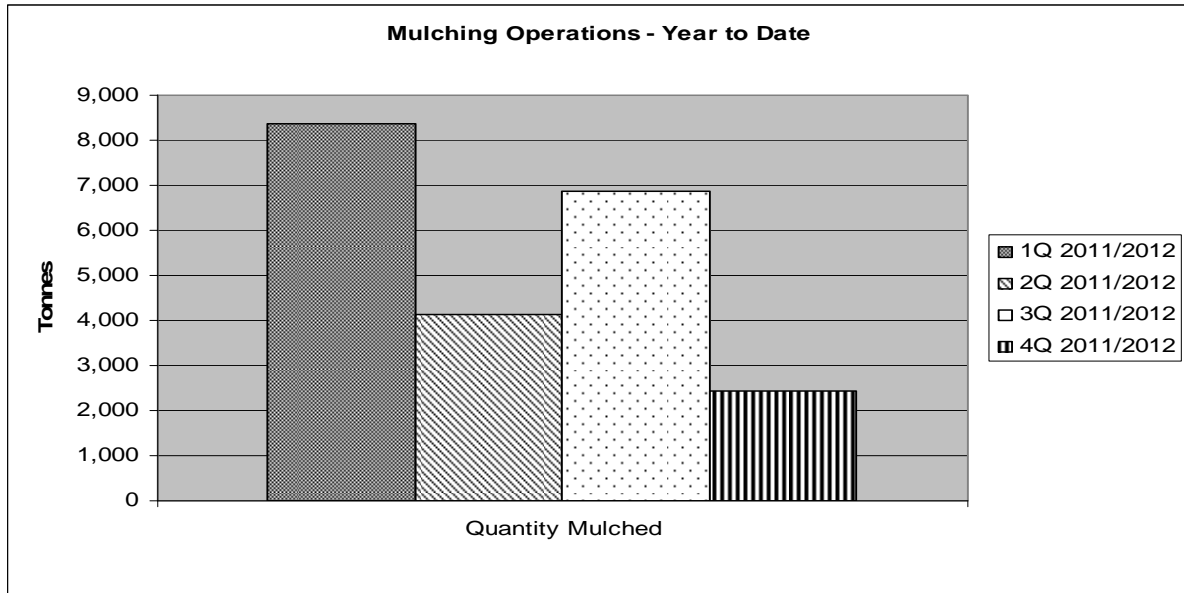
On average, sufficient power is now generated from the gas extraction process to power 1,800 Darwin homes per annum.

Investigations into expanding the gas extraction system and improving its efficiency are ongoing. The benefits of this include reduced gas emissions and therefore Council liabilities under the Australian Governments CPM and production of more green power within the municipality.

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 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

Mulching Operations

The quantity of residential green waste mulched has increased from the previous quarter and a total of 21,800 tonnes of residential green waste was processed for the year 2011/2012. The graph below shows the mulching results for each Quarter.



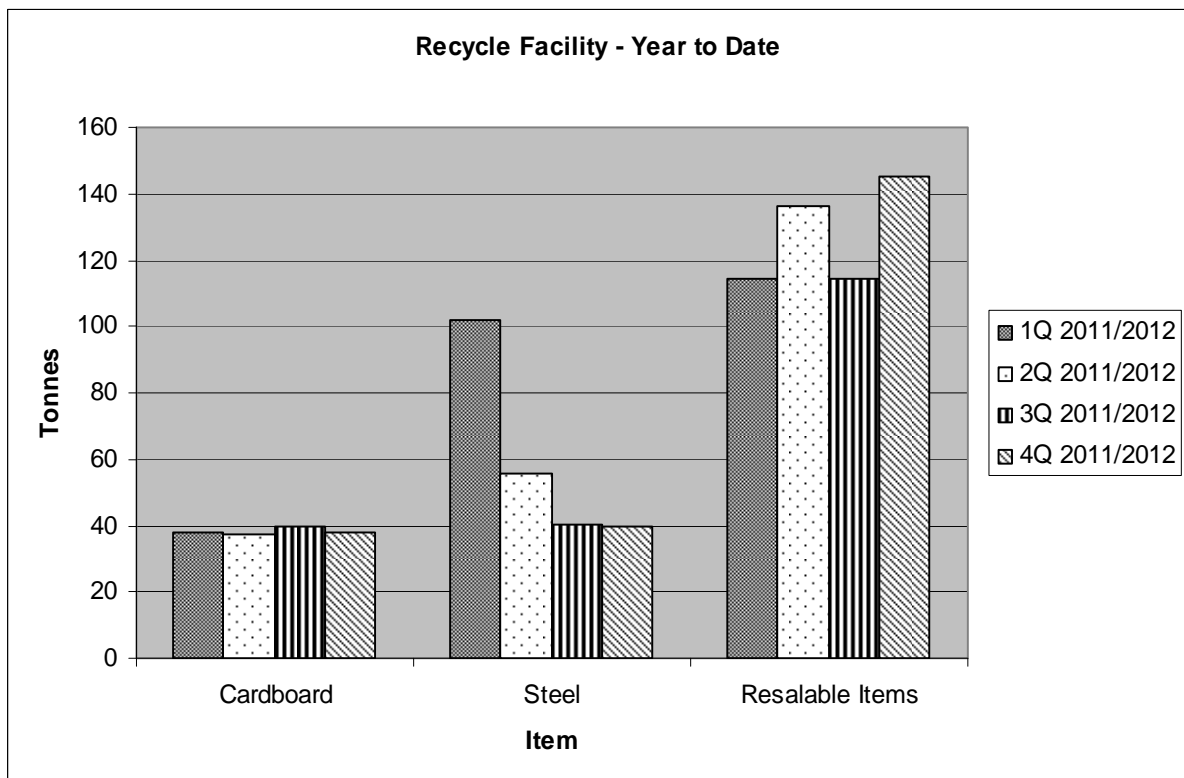
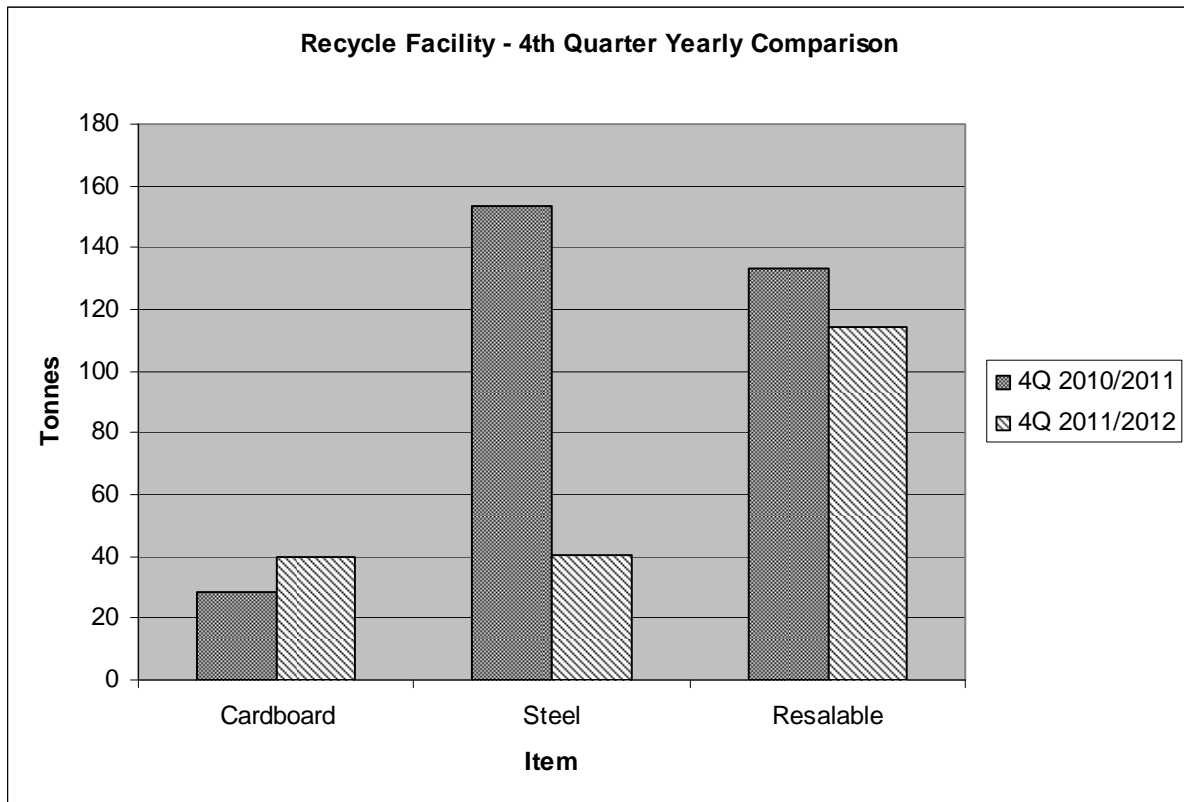
Recycling Operations

Council's recycle shop contractor Northern Territory Recycling Services (NTRS) continues to retrieve large quantities of materials diverted from landfill for recycling. The volume of recyclables received at the recycle facility are listed below.

- 92 e-waste items were collected in this quarter for recycling with 58 being sold in the shop and the remaining 34 items being stored for recycling;
- Recovered packaging recyclables consisted of 24.5 tonnes of cardboard, 2.8 tonnes of glass and 1.25 tonnes of plastic;
- 645 units were degassed and recycled;
- 73 of compact fluorescent lamps (CFL) were processed
- NTRS staff participated in seven educational tours of the Shoal Bay Waste Management Facility during this quarter;

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 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

The graph below provides information on materials retrieved from landfill.

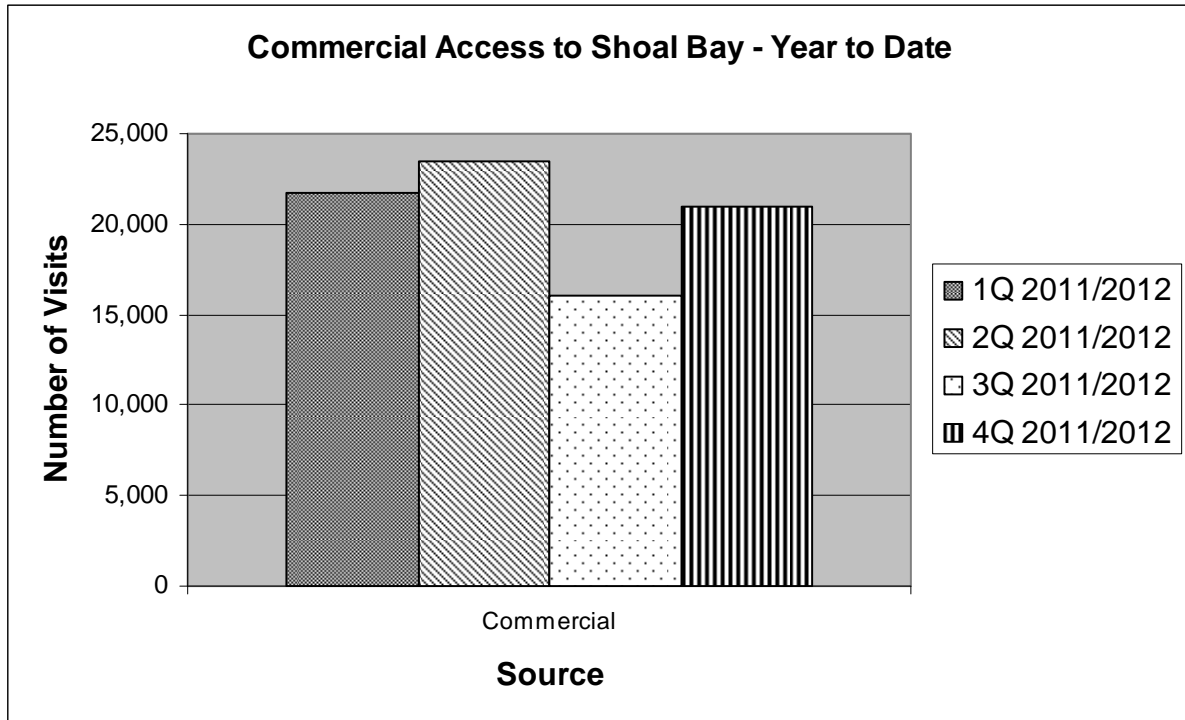


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 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

Landfill Operations

Access to Shoal Bay

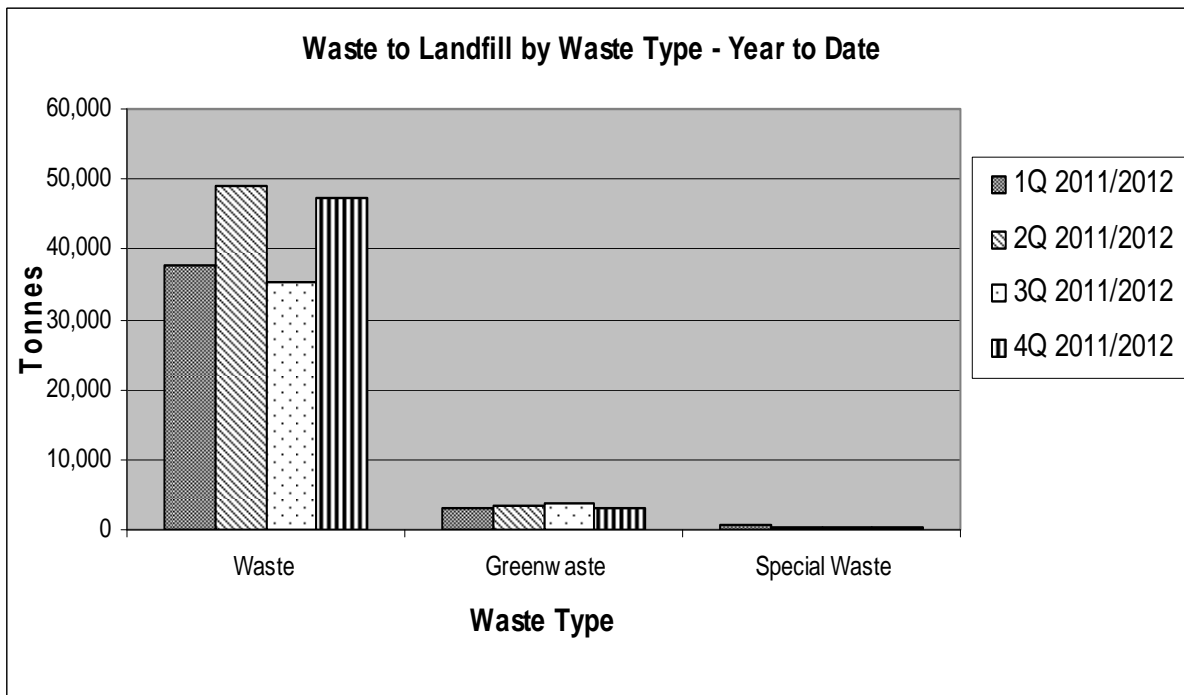
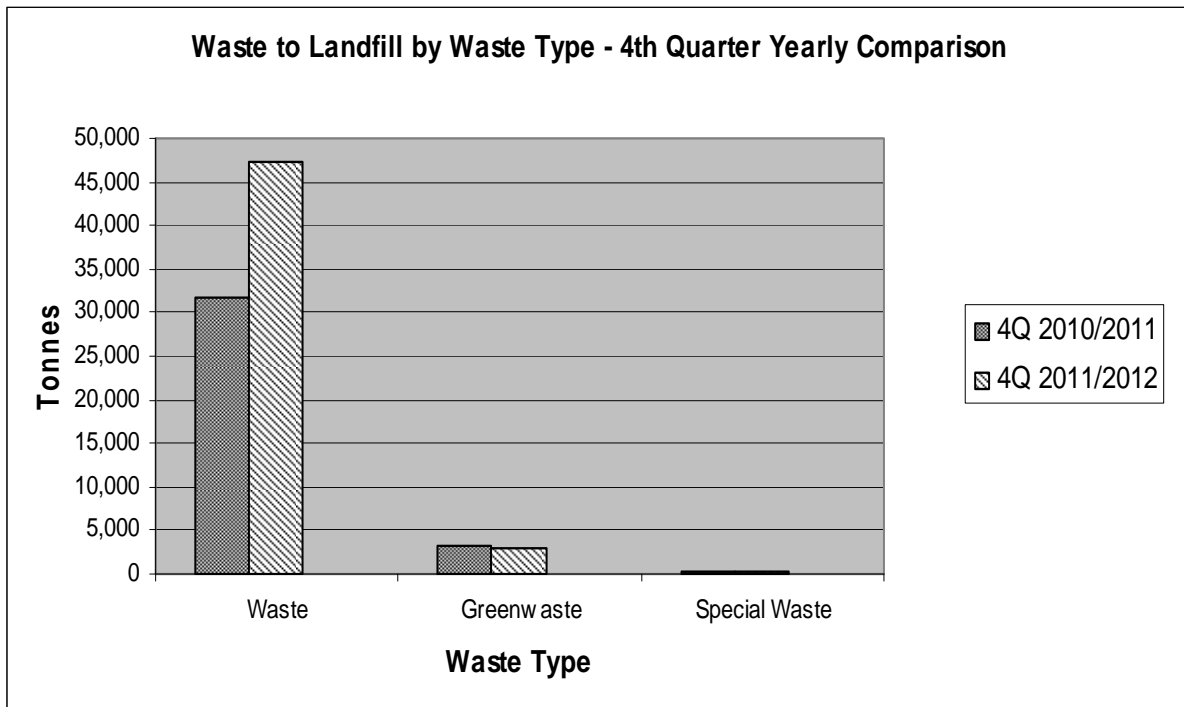
The domestic user access data has been affected over the last year due to a malfunctioning boom gate. Accurate data will be available in the next quarter.



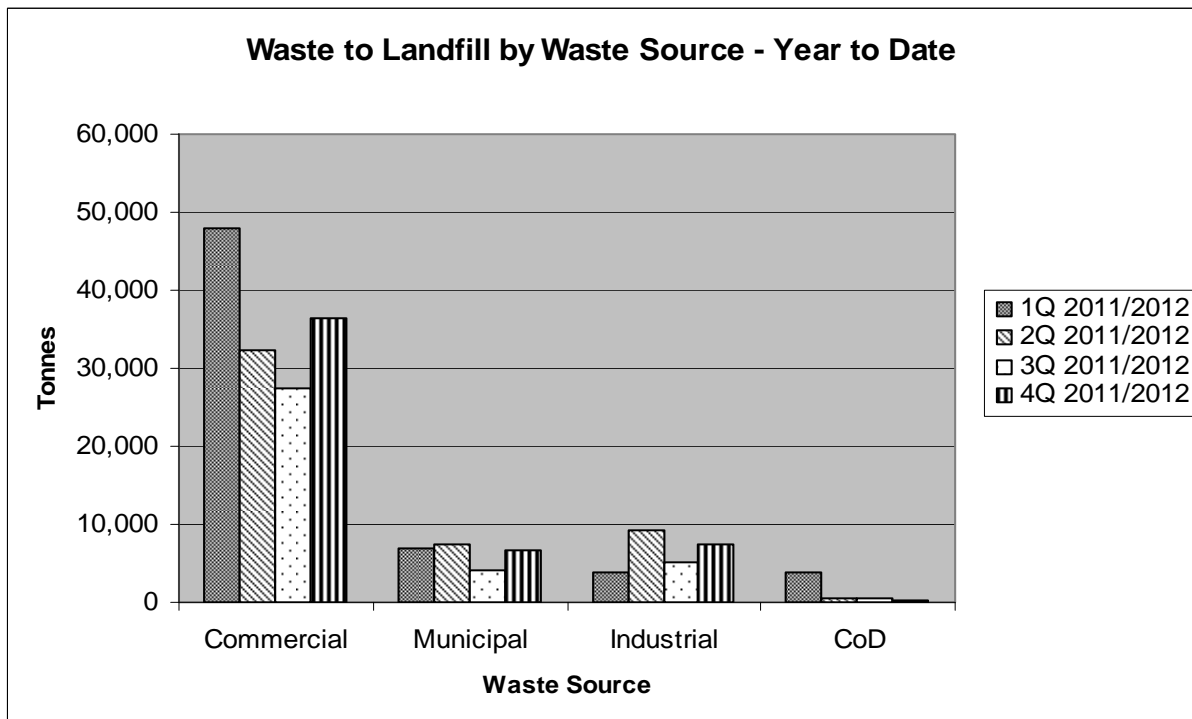
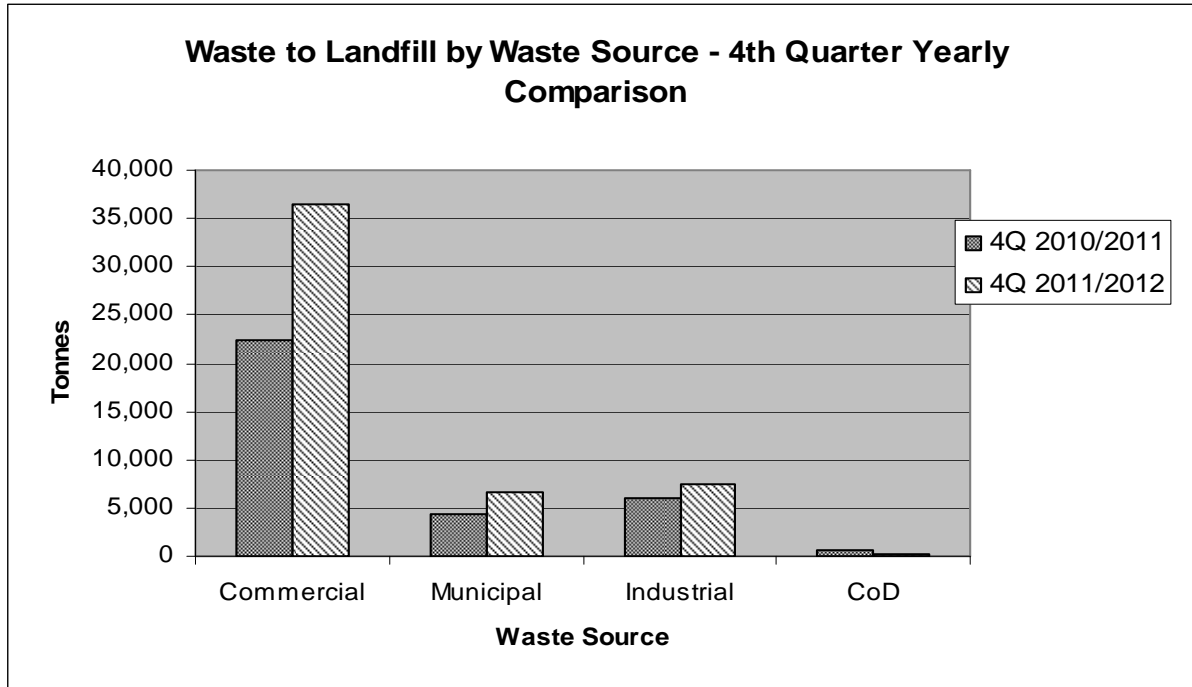
PAGE: 6
 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

Waste to Landfill by Waste Type

Greenwaste disposal has dropped this quarter and general waste levels have increased this quarter and do not show any regular patterns for the year.



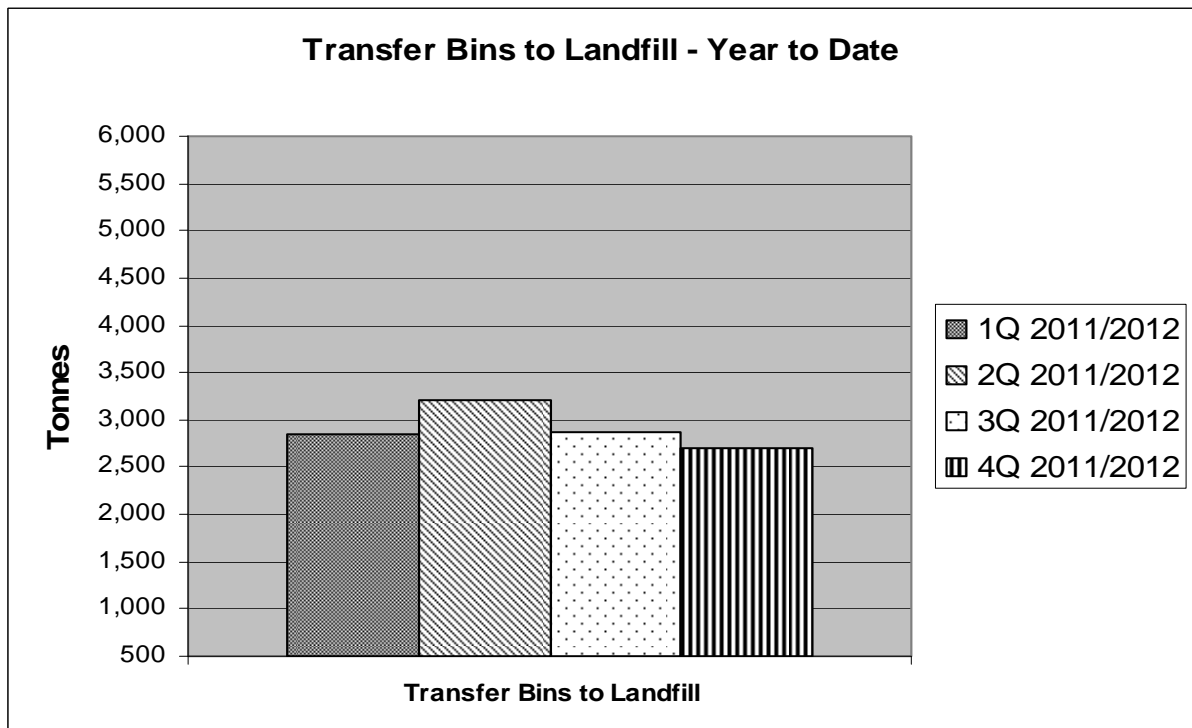
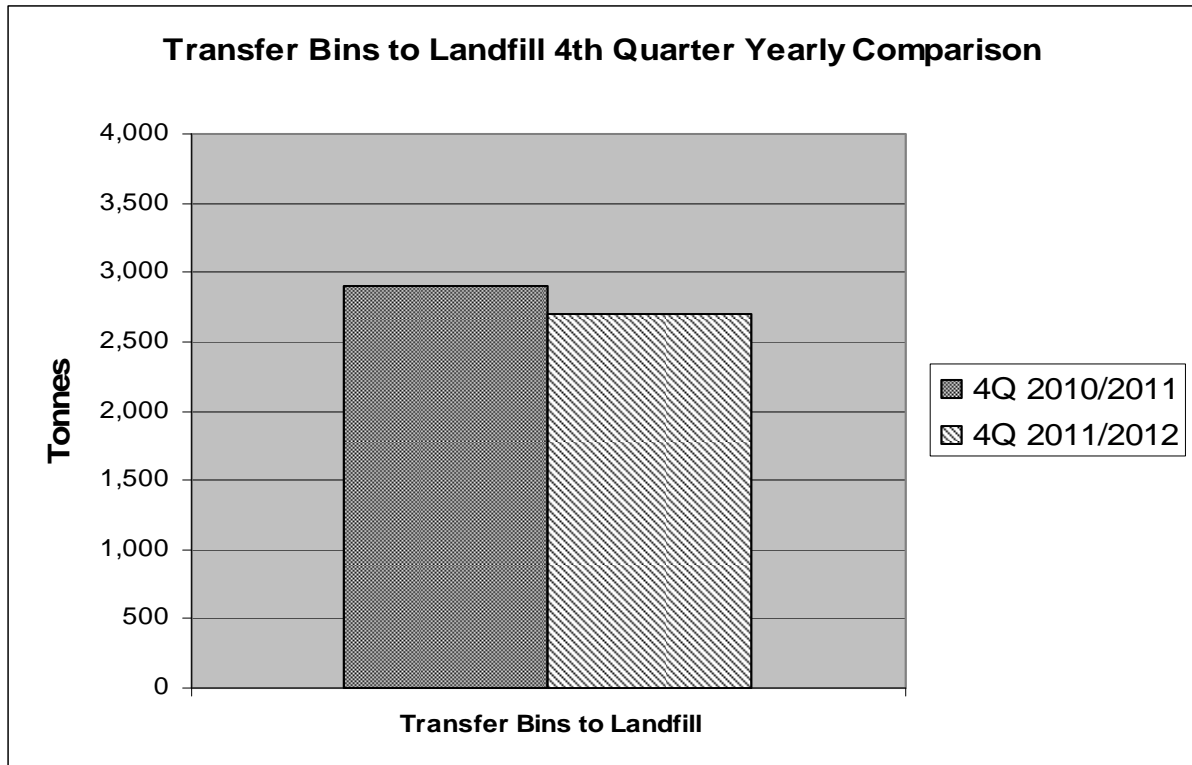
Waste to Landfill by Waste Source



- *Commercial = all commercial businesses entering the site less the other categories,
- *Municipal = all kerbside waste collected from Darwin and Palmerston and the transfer bins,
- *Industrial = inert waste such as concrete, tyres etc
- *CoD = waste produced during Council operations

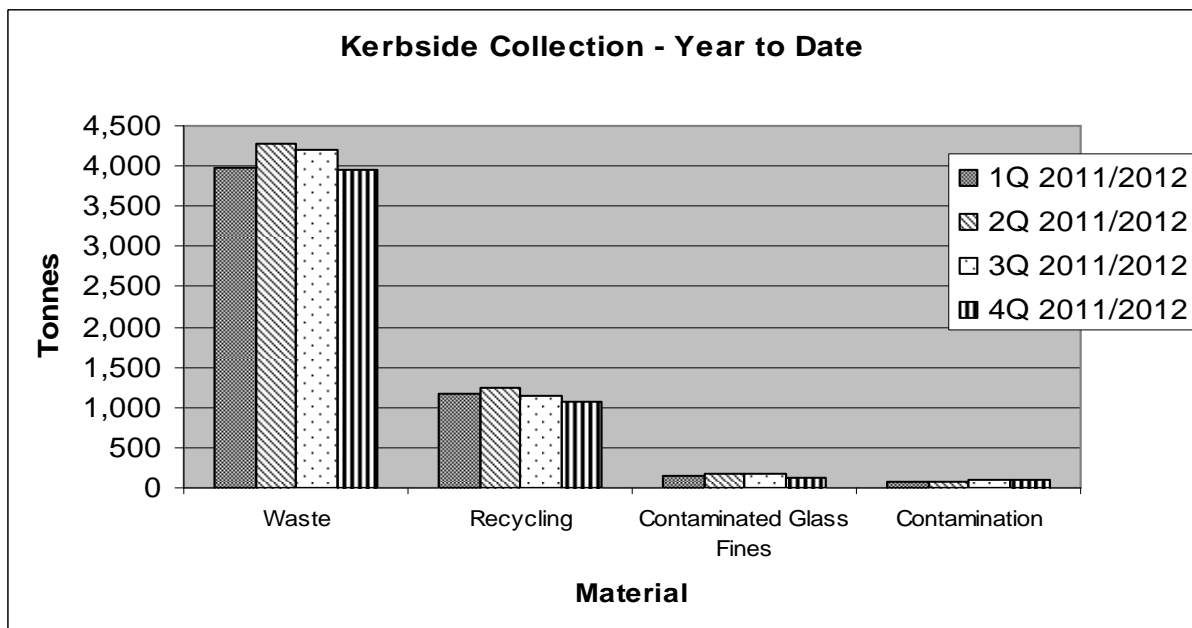
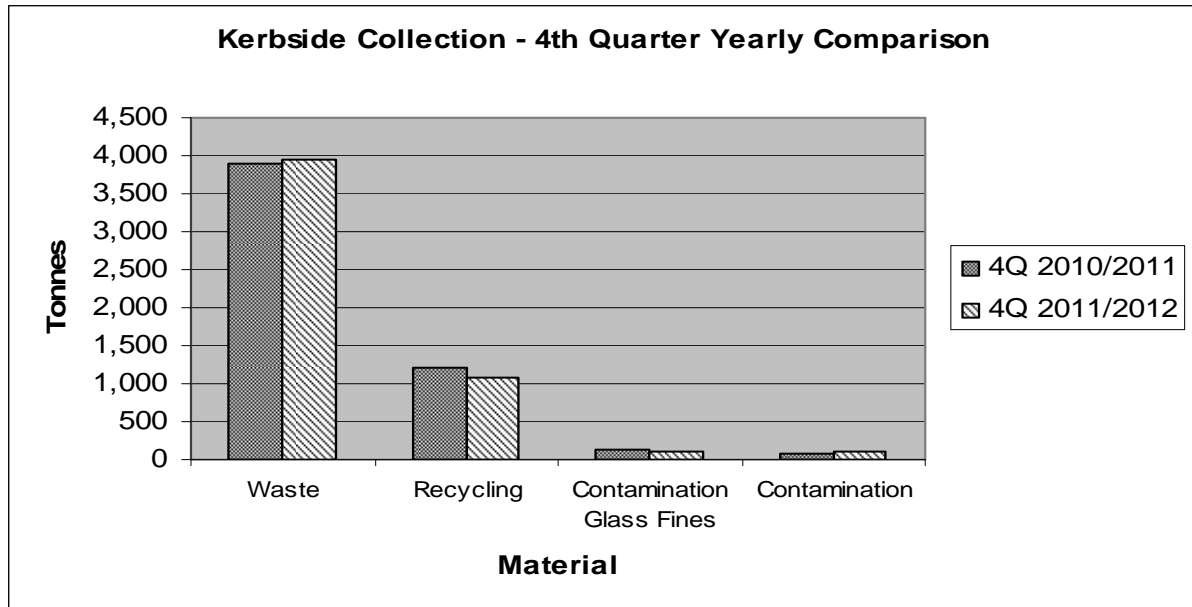
Transfer Station

Waste items deposited in the transfer station represent domestic waste only.



Kerbside Collection

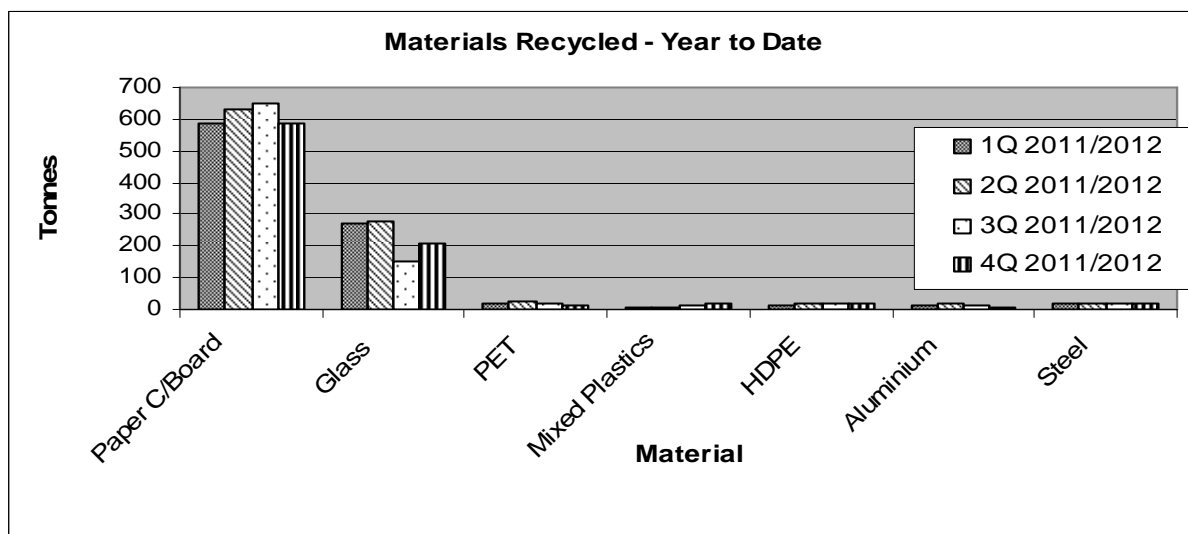
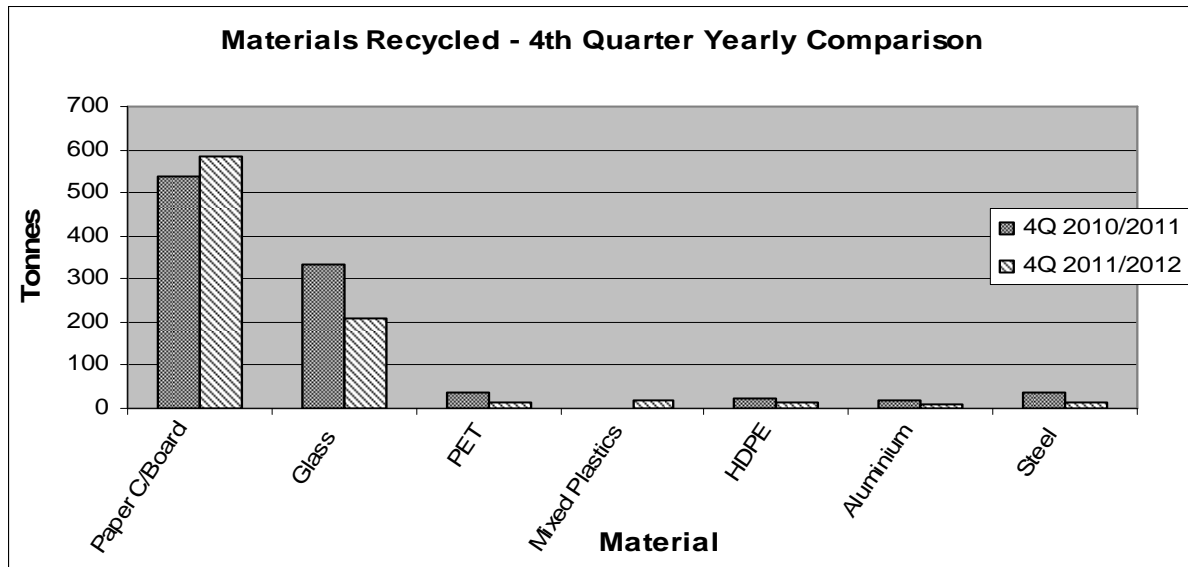
The kerbside collection provides a general waste service (red lidded bin) and recycling service (yellow lidded bin) for use by residents. The quantity of waste is generally the same each quarter.



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 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

Materials Recycled from the Kerbside

There has been an increase in cardboard and paper collected from the previous year's quarter and an decrease from the third quarter. All recyclables have decreased from the last quarter last year.



Community Education

The Transpacific Cleanaway, Community Education Officer, based at Transpacific Cleanaway, undertook the following activities during the quarter.

- 34 classes were visited for recycling talks representing a of total of 497 students and 33 adults;
- Promotion of Community Education Program;
- Preparation of education resources for teachers and students;
- 9 recycling education signs installed at Multiple Unit Dwellings;

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 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

- Sourcing of promotional materials to be given away to students;
- Updating promotional material with Darwin logo.

The City of Darwin directly undertook the following activities in the quarter:

- Six school group tours of Shoal Bay Waste Management Facility representing a total of 160 students;
- An education talk and tour of Shoal Bay was undertaken for a delegation from Ambon;
- Participation in the tropical garden spectacular with a waste and recycling display;
- School education day at George Brown Botanic Garden with 5 schools and 154 students participating;
- Liaison with Keep Australia Beautiful regarding their programmes and initiatives is ongoing;
- Swap party occurring on the 13 July. The success of same was not known prior to the production of this report but will be included in the next quarter.
- Promotional materials have been ordered for the Darwin Show.

Upcoming community education activities being considered:

- Review of school tours of Shoal Bay Waste Management Facility;
- School visits;
- Upgrading of educational material at Shoal Bay Recycle Facility;
- Darwin Show participation.

CONSULTATION PROCESS

In preparing this report the following parties were consulted:

Team Leader Waste and Recycling
 Transpacific Cleanaway
 Northern Territory Recycling Services (NTRS)
 Landfill Management Services (LMS)

POLICY IMPLICATIONS

Council continues to promote smarter recycling. Operations and activities are undertaken in accordance with Council policies.

BUDGET AND RESOURCE IMPLICATIONS

Operations are being undertaken in accordance with the City of Darwin's approved budgets.

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 REPORT NUMBER: 12TS0109 JW:lm
 SUBJECT: WASTE AND RECYCLING JULY QUARTERLY REPORT

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Operations are being undertaken in accordance with the City of Darwin's contracts, licenses and relevant legislation.

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.

JOY WELSHMAN
TEAM COORDINATOR
DEVELOPMENT & WASTE
MANAGEMENT

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

For enquiries, please contact Joy Welshman on 89300413 or email:
j.welshman@darwin.nt.gov.au.

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**

AGENDA ITEM: 9.6

PLACE NAMES - DOCTORS GULLY ROAD, LARRAKEYAH EXTENSION

REPORT No.: 12TS0113CR:lm

COMMON No.: 2280563

DATE: 24/07/2012

Presenter: Manager Design Planning & Projects , Drosso Lelekis

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

The purpose of this report is to respond to the Place Names Committee for the Northern Territory for the Northern Territory, inviting the City of Darwin to comment on their proposal for the naming of an extension of Doctors Gully Road in Larrakeyah, Darwin (**Attachment A**).

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

1 Achieve Effective Partnerships and Engage in Collaborative Relationships

Outcome

1.1 Improve relations with all levels of Government

KEY ISSUES

- Doctors Gully Road is located within the suburb of Larrakeyah, Darwin and runs off Daly Street.
- The Place Names Committee for the Northern Territory seeks written support from Council for the proposed naming of an extension to Doctors Gully Road.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

- A. THAT Report Number 12TS0113 CR:lm entitled Place Names - Doctors Gully Road Larrakeyah Extension, be received and noted.
- B. THAT the response to the Place Names Committee for the Northern Territory's request for support on the proposed naming of Doctors Gully Extension in the suburb of Larrakeyah, Darwin, included as **Attachment B** to Report Number 12TS0003 CR:lm be endorsed.

PAGE: 2
 REPORT NUMBER: 12TS0113CR:lm
 SUBJECT: PLACER NAMES - DOCTORS GULLY ROAD LARRAKEYAH EXTENSION

BACKGROUND

Not Applicable.

DISCUSSION

Doctors Gully Road currently extends from Doctors Gully in a north-easterly direction up the escarpment then turns in a south-easterly direction towards Daly Street for approximately 50 metres and then rather than extending to Daly Street as the physical form of the road may suggest, the name extends approximately 80 metres down a side road and terminates at the edge of the Esplanade parkland.

- The proposed portion of road between the existing Doctors Gully Road and Daly Street is shown in **Attachment A**. Currently there are no adjoining properties using this portion of road as their street address. Adjoining Lot 5633, is referred to as 1 Daly Street and Lot 5684 is referred to as 3 Daly Street. Should either of these lots subdivide there may be a need for an official name for this portion of road.

The Place Names Committee for the Northern Territory advises the following regarding the name:

Doctors Gully Road (extension)

Named after the locally known feature, Doctors Gully. The gully is where Goyder and his survey party in 1869 found fresh water and was named after the expedition doctor. Later the Palmerston Hospital was built above and to the west of the gully. Some people believe this is the origin of the name but records show Goyder using the name: Doctors Gully" on his 1869 plan of Port Darwin and environs.

It is recommended that Council support the naming extension of Doctors Gully Road through to Daly Street as the continuation is an extension to the existing road.

CONSULTATION PROCESS

The Place Names Committee for the Northern Territory is responsible for public consultation in relation to this proposal.

POLICY IMPLICATIONS

Council's Land Use Planning – General Policy No: 041 can be viewed at www.darwin.nt.gov.au.

BUDGET AND RESOURCE IMPLICATIONS

Council will be required to place the street name sign. This can be accommodated within Council's operation budget and represents a minor cost.

PAGE: 3
 REPORT NUMBER: 12TS0113CR:lm
 SUBJECT: PLACER NAMES - DOCTORS GULLY ROAD LARRAKEYAH EXTENSION

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Not Applicable

ENVIRONMENTAL IMPLICATIONS

Not Applicable

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:

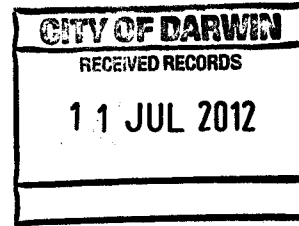
Attachment A: Incoming Letter, Naming of extension to Doctors Gully Road in Larrakeyah, Darwin – Place Names Committee for the Northern Territory.

Attachment B: Draft Outgoing Response Letter, Proposal – Naming of Extension to Doctors Gully Road in Larrakeyah, Darwin

Place Names Committee for the Northern Territory

Telephone (08) 8995 5333
Facsimile: (08) 8995 5365
E-mail: placenames.dpi@nt.gov.au
Web: www.placenames.nt.gov.au

Brendan Dowd
Chief Executive Officer
Darwin City Council
PO Box 84
Darwin NT 0810



3rd Floor NAB House
71 Smith Street
GPO Box 1680
Darwin NT 0801

2003-0001

Dear Mr Dowd

Naming of extension to Doctors Gully Road in Larrakeyah, Darwin.

The Place Names Committee (the Committee) has been requested to name an extension to Doctors Gully Road in Larrakeyah, Darwin.

The Committee has recommended the following name:

Doctors Gully Road (extension) named after the locally known feature, Doctors Gully. The gully is where Goyder and his survey party in 1869 found fresh water and was named after the expedition doctor. Later the Palmerston Hospital was built above and to the west of the gully. Some people believe this is the origin of the name but records show Goyder using the name "Doctor's Gully" on his 1869 plan of Port Darwin and environs.

The Committee now seeks written support from Council for the proposed naming of Doctors Gully Road (extension). If comment could be provided by 19 July 2012, it would be appreciated.

Please note that place name is not finalised until an Instrument has been signed by the Minister and the name added to the Place Names Register at <http://www.ntlis.nt.gov.au/placenames>.

Yours sincerely

A handwritten signature in black ink, appearing to read "Christine West".

Christine West
Secretary

6 July 2012

Legend

Placenames

Recorded

Historical

Registered

Assigned

Revised

Registered - Historical

Railways

General Lines

Road Boundaries

Development Applications

Hundrade

Local Government Areas

Road Labels

Road Centrelines

Highway

Other Road

Street Numbers

Parcel Numbers

Cadastral

Coastline

Current gazetted

Doctors Gully Rd.

N 614, 1988.

Proposed extension

naming to Doctors Gully

Road.

Portion of Doctors

Gully Rd - officially

closed N 614, 2 Dec 1987.

Created by ZXK

Bottom Left: 130.83, -12.46

Top Right: 130.84, -12.46

Approximate Scale: 1:1,500

Datum: GDA 1994

Data for information purposes only

- accuracy not guaranteed

N.T. Land Information System

70



ATTACHMENT B

Please quote: 2280563 CR:fh
Your reference: 2003-0001

29 July 2012

Ms Christine West
Secretary
Place Names Committee for the Northern Territory
GPO Box 1680
DARWIN NT 0801

Dear Ms West

Proposal: Naming of Extension to Doctors Gully Road in Larrakeyah, Darwin

Thank you for your correspondence dated 6 July 2012, concerning the above and requesting comment from the City of Darwin on the above mentioned, *Naming of Extension to Doctors Gully Road* proposal.

Your request was considered by Council at its Ordinary Meeting on 31 July 2012 and Council resolved that it:

Supports the naming of the extension of Doctors Gully Road through to Daly Street.

Should you have any further queries, please contact Brian Sellers, Planning Officer, City of Darwin on 8930 0683.

Yours faithfully

CINDY ROBSON
STRATEGIC TOWN PLANNER

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**

AGENDA ITEM: 9.7

**ANNUAL ADJUSTMENT TO CENTRAL BUSINESS ZONE CAR PARKING
CONTRIBUTION RATE**

REPORT No.: 12TS0114 DL:LM

COMMON No.: 428253

DATE: 24/07/2012

Presenter: Manager Design Planning & Projects, Drosso Lelekis

Approved: General Manager Infrastructure, Luccio Cercarelli

PURPOSE

This report informs Council of the annual adjustment to the financial contribution required for any car parking shortfall in accordance with Council Policy No. 004, *Car Parking Contribution Plan Central Business Zone* (the "Plan").

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

3 Assist Individual and the Community Stay Connected with the Darwin Region

Outcome

3.2 Enhance transport systems

Key Strategies

3.2.1 Review transport and parking needs.

3.2.2 Provide parking facilities and management systems which meet the needs of the community.

KEY ISSUES

- Under Section 5.2 *Adjustment of Contributions* of Council Policy No. 004, *Car Parking Contribution Plan Central Business Zone*, Council may make annual adjustment to the contribution rate;
- The contribution rate applicable from 1 July 2012 will increase from \$22,383 per shortfall bay to \$22,607 per shortfall bay. (GST inclusive)

PAGE: 2
 REPORT NUMBER: 12TS0114 DL:LM
 SUBJECT: ANNUAL ADJUSTMENT TO CENTRAL BUSINESS ZONE CAR PARKING CONTRIBUTION RATE

RECOMMENDATIONS

THAT it be a recommendation to Council:-

- A. THAT Report Number 11TS0114 DL:lm entitled, Annual Adjustment to Central Business Zone Car Parking Contribution Rate, be received and noted.
- B. THAT Council approve the adjustment of the financial contribution rate per shortfall bay in the *Car Parking Contribution Plan Central Business Zone (May 2007)* from \$22,383 per shortfall bay to \$22,607 per shortfall bay (GST inclusive) to apply from 1 July 2012, in accordance with Section 5.2 Adjustment of Contributions of the Plan.

BACKGROUND

The *Car Parking Contribution Plan Central Business Zone (May 2007)* was adopted by Council and Gazetted on 15 August 2007.

The financial contribution for a car parking shortfall within the CBD of Darwin can be adjusted annually. Council has, in the past, chosen to adjust the rate annually to reflect increasing costs in the provision of parking.

DISCUSSION

Section 5.2 *Adjustment of Contributions* of the Plan reads as follows:

“For the purposes of the formula in paragraph 5.1 (City of Darwin’s Policy No. 004, viewable at www.darwin.nt.gov.au), “CC” will be adjusted annually on 1 July in each year (“the Adjustment Date”) in accordance with the following formula:

$$CC = CC\ 1x\ (1.0 + ((Z/100 + L/100)/2))$$

Where:

CC is the adjusted contribution rate payable as and from the Adjustment Date.

CC1 is the contribution rate payable immediately prior to the Adjustment Date.

Z = the percentage increase in construction cost in Darwin over the 12 months immediately prior to the Adjustment Date (as determined by a suitably qualified local Quantity Surveyor); and

L = the percentage increase in Darwin Central Business Zone land value over the 12 months immediately prior to the Adjustment Date (as determined by the Valuer General);”

PAGE: 3
 REPORT NUMBER: 12TS0114 DL:LM
 SUBJECT: ANNUAL ADJUSTMENT TO CENTRAL BUSINESS ZONE CAR PARKING CONTRIBUTION RATE

* Note: The term *contribution rate (CC)* as provided in the Plan refers to the estimated cost to construct a single multi-storey car parking bay in the Darwin Central Business Zone.

The actual contribution per shortfall bay payable by Developers is CC/2 (refer to Section 5.1 *Formula for Calculating Contribution* of the Plan, assuming SFB or CB equal 1.0).

In accordance with the Plan, the percentage increase for construction cost over the 12 months prior to 1 July 2012 was obtained through the services of a suitably qualified local Quantity Surveyor (Rider Levett Bucknall). The figure obtained was 2%. A copy of the advice is included as **Attachment A** of this report.

The percentage increase in fringe Darwin Central Business Zone land value (as determined by the Office of the Valuer – General) over the 12 months prior to 1 July 2011 was 0%. A copy of the advice received is included as **Attachment B** of this report.

** Note: The term *fringe CBD* is used widely within Council's *Parking Strategy for Darwin Central Business District*. Consequently it is deemed appropriate to base the land value increases on fringe Central Business Zone areas which are likely the areas in which Council would acquire land to construct future car parking facilities.

With these figures the adjusted contribution rate from 1 July 2012 in accordance with the Plan would be:

$$\begin{aligned} CC &= \$44,766 \times (1.0 + ((2.00/100 + 0.00/100)/2)) \\ &= \$45,214. \end{aligned}$$

Consequently, the financial contribution payable per car parking shortfall bay would be:

$$CC/2 = \$22,607 \text{ per bay.}$$

The Development Consent Authority and Property Council of Australia NT Division will be informed in writing of the adjusted Central Business Zone Parking Contribution Rate.

A notice of the adjusted contribution rate will also be gazetted. The adjusted contribution rate will be applicable from 1 July 2012.

PAGE: 4
 REPORT NUMBER: 12TS0114 DL:LM
 SUBJECT: ANNUAL ADJUSTMENT TO CENTRAL BUSINESS ZONE CAR PARKING CONTRIBUTION RATE

CONSULTATION PROCESS

In preparing this report the following parties were consulted:

Office of the Valuer General (Northern Territory)
 Rider Levett Bucknall

The Property Council of Australia (NT) and the Development Consent Authority will be advised of the adjusted contribution rate. The adjusted contribution rate will be gazetted.

POLICY IMPLICATIONS

Council Policy No. 004, *Car Parking Contribution Plan Central Business Zone*.

BUDGET AND RESOURCE IMPLICATIONS

Refer to the Discussion section of this report.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

The updated *Car Parking Contribution Plan Central Business Zone* has been in place from the date of Gazettal on 15 August 2007.

Section 5.2 *Adjustment of Contributions* of the Plan allows for annual adjustments of the Contribution Rate on the 1st of July each year in accordance with a formula based on percentage increase in fringe Central Business Zone land value and percentage increase in construction cost of the 12 months immediately prior to the adjustment date.

ENVIRONMENTAL IMPLICATIONS

Not assessed.

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REPORT NUMBER: 12TS0114 DL:LM
SUBJECT: ANNUAL ADJUSTMENT TO CENTRAL BUSINESS ZONE CAR PARKING
CONTRIBUTION RATE

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: Incoming Letter – Rider Levett Bucknall

Attachment B: Incoming Letter – Office of the Valuer-General

Rider Levett Bucknall NT Pty Ltd
ABN 52 009 634 128

Level 4, 62 Cavenagh Street
Darwin NT 0800
GPO Box 3423, Darwin NT 0801
Australia

Tel: +61 8 8941 2262
Fax: +61 8 8941 2572
Email: darwin@au.rlb.com

M: 0427 727 619
E: paul.lassemillante@au.rlb.com

12 July 2012

Darwin City Council
Harry Chan Avenue
DARWIN NT 0800

ATTENTION: MR DROSSO LELEKIS

Dear Drosso,

Darwin Construction Prices

Please be advised that we expect construction prices in Darwin to have increased by an estimated 2% over the period 1 July 2011 and 30 June 2012.

Trusting this satisfies your current requirements, please feel free to contact us should you have any queries or require any further information.

Yours sincerely,



Paul Lassemillante
Director

Office of the Valuer-GeneralLevel 8, 24 Mitchell Street
Darwin NT 0800**Postal address**GPO Box 4346,
Darwin NT 0801**Tel** 08 8943 9163**Fax** 08 8943 9190

18 July 2012

Drosso Lelekis
Manager Design, Planning and Projects
Darwin City Council
GPO Box 84
Darwin NT 0801

Dear Drosso,

We wish to advise that the Valuer General NT regards the fringe Central Business Zone commercial land value has remained relatively stable over the past 12 months.

Accordingly, we consider 0% increase for the previous 12 months from 1 July 2011 to 30th June 2012.

Should you have any questions in regards to this matter or any other proposal, please do not hesitate to contact me on 08 89439175 or bill.linkson@avo.gov.au



Bill Linkson FAPI
Certified Practising Valuer
Regional Manager NT
Australian Valuation Office

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**

AGENDA ITEM: 9.8

**CAVENAGH STREET UPGRADE SEARCY STREET TO DALY STREET PROJECT -
JULY 2012 PROGRESS REPORT**

REPORT No.: 12TS0112 DL:lm

COMMON No.: 223527

DATE: 24/07/2012

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 progress for the Cavenagh Street upgrade Searcy Street to Daly Street project for the month of July 2012. Further monthly progress reports will be submitted to Council for the duration of the project.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

3 Assist Individuals and the Community Stay Connected with the Darwin Region

Outcome

3.2 Enhance transport systems

Key Strategies

3.2.2 Continue to manage and maintain the municipal road network and infrastructure to a standard that meets the needs of the community

KEY ISSUES

- Works have been awarded to East Arm Civil Pty Ltd at a cost of \$3,019,787. (including GST)
- Cavenagh Street is in need of reconstruction;
- The median island landscaping will enhance the amenity and aesthetics of the section of Cavenagh Street being reconstructed and a short section of Gardens Road;
- An extensive community engagement plan is being implemented for the project;
- Measures are being put in place to provide alternative property access where possible, for affected businesses/occupants and temporary re-routing of public busses and taxi parking;

PAGE: 2
 REPORT NUMBER: 12TS0112 DL:lm
 SUBJECT: CAVENAGH STREET UPGRADE SEARCY STREET TO DALY STREET
 PROJECT - JULY 2012 PROGRESS REPORT

- The Cavenagh Street reconstruction works will be funded by the Federal Government's Roads To Recovery Program and the landscaping works will be funded through the City of Darwin's Capital Works program;
- The works will commence in August 2012 and be completed by the end of December 2012.

RECOMMENDATIONS

THAT it be a recommendation to Council:-

THAT Report Number 12TS0112 DL:lm entitled Cavenagh Street Upgrade Searcy Street To Daly Street Project – July 2012 Progress Report, be received and noted.

BACKGROUND

The City of Darwin was successful in securing Australian Government funding under the Department of Infrastructure, Transport, Regional Development and Local Government Roads to *Recovery Program – 2009 – 2014, (R2R)*.

The Cavenagh Street upgrade project was approved by Council as the key project for this expenditure. The final completion date for this project is December 2012.

At Council's 2nd Ordinary Meeting on 31 May 2011 the following was resolved:

Cavenagh Street Renewal Project

Report No. 11TS0081LC:KB (24/05/11) Common No. 223527

- C. THAT Council reconstruct and resurface Cavenagh Street from Daly Street to Searcy Street and that this be submitted as its replacement project for Roads to Recovery funding;*

DECISION NO.20\4016 (31/05/11)

Carried

This report provides an update on progress for the Cavenagh Street upgrade project and is the first of a series of monthly reports that will report on project progress until completion.

DISCUSSION

Cavenagh Street is a major CBD road that is over 50 years old. It is approaching the end of its effective useful life and is due for reconstruction.

Based on sound asset management principles and road condition data Cavenagh Street was identified as a high priority for upgrade. The Australian Government Roads to Recovery funding assistance has provided Council with the opportunity to deal with this matter in a timely and effective manner.

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 REPORT NUMBER: 12TS0112 DL:lm
 SUBJECT: CAVENAGH STREET UPGRADE SEARCY STREET TO DALY STREET
 PROJECT - JULY 2012 PROGRESS REPORT

Project Progress:

- A.) **Geotechnical Assessment** - An independent geotechnical assessment to establish the existing condition of the structural layers of the road, along the full length of Cavenagh Street (from Harry Chan Avenue to Daly Street), on both sides of the road was undertaken.

This work ascertained the existing pavement condition and provided recommendations in regards to the extent and nature of the remedial works required. The recommended remedial works have been incorporated into the detailed design work for this project.

- B.) *Detailed Design and Tender Documentation* – The detailed design and tender documentation and cost estimates were completed. The project went to tender on 24 May 2012.

The current scope of work includes the following:

- Pavement refurbishment/reconstruction including re-design of the existing road surface for improved drainage;
- Landscaping of Cavenagh Street median at the Daly Street;
- Widening of the Cavenagh Street median island from Daly Street to Searcy Street by 200 mm to provide increased space for landscaping;
- Replacement of 2 median islands along Gardens Road with new landscaping; and
- Replacement of a damaged section of stormwater drain along Cavenagh Street.

*** NOTE: There will be no loss of car parking bays along Cavenagh Street after project completion.

- C.) *Tender Assessment and Award* – Tenders closed on 21 June 2012 and the tender assessment and award has been completed. The works have been awarded to East Arm Civil Pty Ltd and the date of award was 13 July 2012.
- D.) *Construction Works* – It is expected that construction works will commence in the first half of August 2012 and completed in December 2012. Under the Australian Government funding agreement this project must be completed by the end of December 2012.

CONSULTATION PROCESS

A consultation plan was developed and is currently being implemented. The project stakeholders have been identified and face to face discussions have occurred with key stakeholders-including the business owners/occupants along both sides of the affected section of Cavenagh Street, the Taxi Council and Public Transport section of the Northern Territory Government. Hand-delivered letters, with attached project

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 REPORT NUMBER: 12TS0112 DL:lm
 SUBJECT: CAVENAGH STREET UPGRADE SEARCY STREET TO DALY STREET
 PROJECT - JULY 2012 PROGRESS REPORT

fact sheets, question and answers sheets and feedback forms were also provided to the above mentioned stakeholders.

Letters, with attached project fact sheets, question and answer sheets and feedback forms were also sent to other key stakeholders including Emergency Services and Chamber of Commerce, NT and Property Council of Australia, NT.

Copies of the project Fact Sheet, Question and Answer Sheet and Registration to be kept informed have been previously provided to Council for information (Report Number 12TS0090DM:LM June 2012).

In summary, Council staff have found that stakeholders along the Searcy to Daly Street section (work zone) at Cavenagh Street are understanding of the need to reconstruct Cavenagh Street, and acknowledge they will be disrupted to various degrees. Council staff will continue to work with stakeholders throughout this process to minimise disruption.

All Cavenagh Street business owners/occupants directly within the work zone, who have on-site car parking and are affected by the works, have been offered free parking permits for alternate locations equal to the number of parking bays they have on-site.

Through extensive consultation with the Northern Territory Government's Public Transport section, temporary arrangements have been agreed to and approved to transfer bus routes from Cavenagh Street to Smith Street.

Two temporary kerb-side bus-stops will be established along Smith Street, one at the front of Spillet Park, utilising the new shade structure constructed in that location as part of the MY0800 project, and the other across the road from the Saint Mary's School, to provide a facility for school buses.

In addition, through consultation with both the Northern Territory Government and the Taxi Council, arrangements are being made to temporarily transfer the taxi parking bays outside Woolworths along Cavenagh Street, to Smith Street, across the road from the ANZ, on the other side of the Woolworths car park.

These temporary changes will facilitate the reconstruction program. Appropriate signage and advertising will be in place.

Consultation has been undertaken in the form of face-to-face door knocking and information drop for the occupants of the businesses along Smith Street, between Knuckey Street and the furthest temporary bus-stop along Smith Street to inform of the temporary bus-stop and taxi parking arrangements along Smith Street and to provide context for these temporary measures.

The information provided included an information leaflet outlining the temporary bus-stops and taxi parking arrangements, including a plan showing the locations of these temporary facilities and a copy of the fact sheet that was used in the consultation

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with the Cavenagh Street business owners/occupants. The leaflet and plan are provided as **Attachments A and B** to this report respectively.

A media release was issued on Tuesday 17 July 2012 approving the award of the contract, **Attachment C**.

Community consultation will continue through to the completion of the project.

POLICY IMPLICATIONS

This project is an essential asset-renewal project and will extend the life of Cavenagh Street in line with Council's asset management strategies.

BUDGET AND RESOURCE IMPLICATIONS

The remaining Australian Government funding for the Roads To Recovery Program – 2009-2014 for the delivery of road reconstruction is \$2,862,000 (excluding GST).

Funding to the value of \$400,000 was allocated in the 2011/12 Capital Works Budget for delivery of the landscaping components of this project, will be requested to carry forward this allocation into 2012/2013 for its intended purpose at the 1st Quarterly review in 2012/2013.

The tender was awarded to East Arm Civil Pty Ltd for the \$3,019,787 (including GST).

Based on the available Australian Government funding and the identified 2011/2012 capital works carry forward there is sufficient funding within the 2012/2013 budget to undertake the works.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

Risk mitigation, traffic management and legislative requirements will be managed throughout the project.

ENVIRONMENTAL IMPLICATIONS

Enhancement of existing median island landscaping will provide improved environmental benefit.

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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.

- Attachment A:** Leaflet – Cavenagh Street Upgrade – Daly to Searcy Streets 17
 July 2012
- Attachment B:** Plan - Cavenagh Street Reconstruction Project Proposed
 Temporary Outbound Bus Route Location Plan
- Attachment C:** Media Release - \$3 million Contract Awarded to East Arm Civil Pty
 Ltd



ATTACHMENT A

17 July 2012

Cavenagh Street Upgrade – Daly to Searcy Street

Temporary bus route, bus stop and taxi rank on Smith Street

The City of Darwin and Northern Territory Government's Public Transport Division are working together to find a temporary solution to ensure the taxis and buses that currently use Cavenagh Street are still able to operate during the upgrade of Cavenagh Street between Searcy and Daly Streets.

To ensure safety and enable the taxi and bus operations to continue while Cavenagh Street is being reconstructed, buses will be re-routed from Cavenagh Street to Smith Street, which is the most appropriate alternative bus route.

The new and temporary bus route will take the buses off Cavenagh Street onto Knuckey Street, where they will turn right onto Smith Street via the Knuckey and Smith Street traffic lights and exit via Daly Street. Two temporary bus stops will be positioned on Smith Street outside of Spillet Park and opposite St Mary's Primary School, which are considered the most appropriate locations for these bus stops.

As a result of the temporary bus route there will be changes to traffic signage at the Knuckey and Smith Street intersection where the "No Right Turn" will remain for all vehicles except buses to allow them to turn right into Smith Street.

A temporary taxi rank will be set up on Smith Street (opposite Peel Street, outside the CBD Plaza) to replace the existing taxi rank on Cavenagh Street outside Woolworths.

The change to the bus route and creation of the temporary bus stops and taxi rank are expected to take place in August and will remain for the period that Cavenagh Street is being upgraded. It is envisaged that this will be a period of about four to six months.

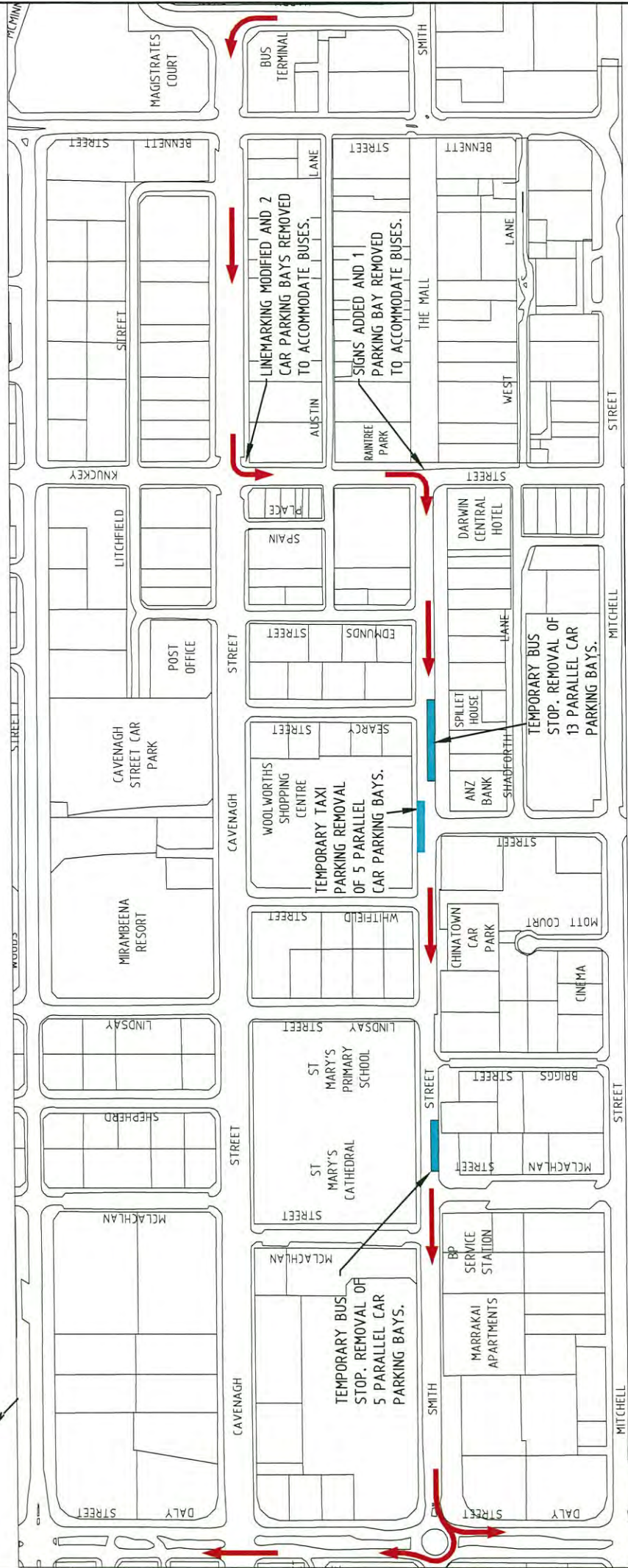
Once the successful tenderer is announced for the Cavenagh Street project, the City of Darwin will work with the contractor to devise a work plan and timeline for the project so it is undertaken as efficiently as possible while minimising disruption to traffic and affected stakeholders.

The City of Darwin wants to keep you informed on this project and will notify you before the new transport parking arrangements come into effect.

If you have any queries regarding the project please contact Drosso Lelekis at the City of Darwin on 8930 0414 or for information about the proposed new bus route please contact the Public Transport Division of the Department of Lands and Planning on 8924 7666.

For more detailed information on the Cavenagh Street Upgrade and for updates during the project please go to www.darwin.nt.gov.au.

ATTACHMENT B



LOCATION PLAN

DRAWN	DESIGNED	CAVENAGH STREET RECONSTRUCTION PROJECT	
	CHECKED	PROPOSED TEMPORARY OUTBOUND BUS ROUTE	
	DATE JUN '12	LOCATION PLAN	
SCALE NOT TO SCALE APPROVED		SHEET 1 OF 1	SHEET SIZE A4 DRAWING No. 0107/27/08



City of Darwin

Communications & Marketing Ph. 0466 777 802

\$3 million contract awarded to East Arm Civil Pty Ltd

The City of Darwin has awarded a \$3 million contract to local company East Arm Civil Pty Ltd to rebuild Cavenagh Street between Daly and Searcy Streets.

Council received funding from the Australian Government under the Roads to Recovery Program to rebuild this section of Cavenagh Street. The 50-year-old road is in urgent need of an upgrade as its pavement is starting to fail.

"The project will involve replacing the entire road pavement to a depth of half a metre and will cause some disruption to businesses and residents," said General Manager Infrastructure Luccio Cercarelli.

"Council has completed an initial consultation with affected persons in Cavenagh Street," he said. "East Arm Civil Pty Ltd will work with Council to devise a work plan and timeline for the project so it is undertaken as efficiently as possible while minimising disruption to traffic and affected businesses."

This week the City of Darwin will be notifying businesses along Smith Street of the proposed temporary changes to the public transport services while the works are undertaken. Council has worked closely with the Public Transport Division and Taxi Council NT to provide the alternative transport arrangements.

Buses will be re-routed from Cavenagh Street to Smith Street, which the Public Transport Division of the Department of Lands and Planning considers the most appropriate and safest temporary bus route.

The temporary route will take the buses off Cavenagh Street into Knuckey Street, where they will turn right into Smith Street via the Knuckey and Smith Street traffic lights and exit via Daly Street. As a result of the temporary bus route there will be changes to traffic signage at the Knuckey and Smith Street intersection where the "No Right Turn" will remain for all vehicles except buses to allow them to turn right into Smith Street.

Two temporary bus stops will be positioned on Smith Street outside of Spillet Park and opposite St Mary's Primary School. A temporary taxi rank will also be set up on Smith Street (opposite Peel Street, outside the CBD Plaza) to replace the existing taxi rank on Cavenagh Street outside Woolworths.

The change to the bus route and creation of the temporary bus stops and taxi rank are expected to take place in early August and will remain for the period that Cavenagh Street is being upgraded. It is expected this will be a period of between four to six months.

An extensive public communication strategy will be undertaken closer to the time of the planned works to inform commuters of the temporary arrangements.

Further information is available on Council's Website www.darwin.nt.gov.au

**ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN**

AGENDA ITEM: 9.9

LIGHT EMITTING DIODE (LED) PUBLIC SPACES LIGHTING TRIAL

REPORT No.: 12TS0116LC:KB

COMMON No.: 2287071

DATE: 24/07/2012

Presenter: General Manager Infrastructure, Luccio Cercarelli

Approved: Chief Executive Officer, Brendan Dowd

PURPOSE

The purpose of this report is to provide Council with an update on LED lighting trials within Council's open spaces.

LINK TO STRATEGIC PLAN

The issues addressed in this Report are in accordance with the following Goals/Strategies of the Darwin City Council 2008 – 2012 as outlined in the 'Evolving Darwin Strategic Directions: Towards 2020 and Beyond':-

Goal

4 Create and Maintain an Environmentally Sustainable City

Outcome

4.1 Be a leader with climate change policies

Key Strategies

4.1.1 Develop a climate change policy and strategies including the reduction of carbon emissions

KEY ISSUES

- The City of Darwin is undertaking a trial of LED luminaries within open spaces for which it has full authority over the metered lighting system.
- The trial involves both the replacement of existing luminaries as well as the installation of new lighting on a previously unlit path.
- The performance of the system will be monitored over the trial period including comparisons to existing systems.
- The trial will be undertaken in the following locations:
 - Yanyula Park, Anula
 - Bicentennial Park, Darwin CBD
- Council will be provided with regular updated reports at appropriate times.

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RECOMMENDATIONS

THAT it be a recommendation to Council:-

THAT Report Number 12TS0116LC:KB entitled Light Emitting Diode (LED) Public Spaces Lighting Trial, be received and noted.

DISCUSSION

LED lighting represents opportunities to reduce electricity and maintenance costs and reduce the impact on the environment.

Council has been investigating the use of LED luminaries within its open spaces for which it has full control and ownership over the lighting. This occurs where lights are on a PowerWater Corporation (PWC) metered system and not directly connected to the PWC streetlight grid.

In order to prove the technology is a viable alternative, in Darwin conditions, staff are undertaking a trial of LED luminaries. In addition, Council staff have been reviewing what other authorities and Local Governments are doing in this space.

The details of trials that are currently being implemented are as follows:

Yanyula Park, Anula

This is new lighting to an existing unlit pathway. This pathway has been constructed in recent years and connects into a network which is already lit.

In total 14 LED lights and associated infrastructure will be installed over approximately 260 lineal metres of pathway, **Attachment A** provides the concept and location.

An in line power meter will be installed to allow for monitoring of power consumption directly related to these lights.

The pathway will be lit to a lighting Category of P2.

The lights to be used are 28w LED. This particular light has a feature which dims the light to 50% capacity in a standby mode, if there is no activity on the pathway or within the lighting area. This is considered to potentially provide increased savings when running lights in open space areas which may have significant periods of non-activity in them, whilst still providing the lighting requirements.

The lights will be activated by the in-built motion sensors and when activated run at full wattage for 15 minutes. The time from standby to full illumination is instantaneous.

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If lit using existing methods, Council would have utilised 70w pressure sodium luminaries which would run at 100% illumination for the period of operation regardless of activity or non-activity in the area.

Residents adjacent to the park will be informed of the planned works in coming weeks.

Lights are expected to be operational by end August.

Bicentennial Park, Darwin CBD

The park is currently lit by 70w pressure sodium luminaries which run at 100% illumination for the entire period of operations.

The lighting level is currently to a Category of P1.

The trial involves the conversion of 5 existing luminaries to 28w LED with standby modes as per Yanyula Park above.

The location of the trial is shown in **Attachment B** to this report.

Base data is currently being collected. Lights are expected to be operational by the end of August 2012.

Council will monitor the reliability and performance of these lights in both cases, through out the trial.

The trial is expected to last 12 months to ensure that the performance is monitored over a reasonable time period and through a Darwin wet and dry season to ensure robust data and testing.

The type of information to be monitored will include:

- Maintenance issues
- Failure rates
- Luminance deduction rates
- Power consumption
- Community and stakeholder feedback.

CONSULTATION PROCESS

In preparing this Report the following parties were consulted:

Manager Design, Planning & Projects
 Manager Climate Change and Environment
 Team Leader Capital Works
 Building Services Officer

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POLICY IMPLICATIONS

At this early stage no policy implications have been identified.

BUDGET AND RESOURCE IMPLICATIONS

All works are being undertaken in accordance with Council's approved budget programs.

Yanyula Park expenditure is estimated at \$75,000.

Bicentennial Park expenditure is estimated at \$10,000.

The above cost are to install lights and associated infrastructure and works for the trial, they do not include on-going operating costs.

As part of the trial cost comparisons will be undertaken including capital and operational.

RISK/LEGAL/LEGISLATIVE IMPLICATIONS

The trial should identify if there are any issues that need to be considered in relation to future call out of a conversion program.

ENVIRONMENTAL IMPLICATIONS

If the trial is successful, the introduction of LED streetlighting could have a positive environmental impacts due to the reduction of power consumption and therefore the flow on benefit of reduced emissions.

The trial is in keeping with the City of Darwin's Climate Change Action Plan.

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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.

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

BRENDAN DOWD
CHIEF EXECUTIVE OFFICER

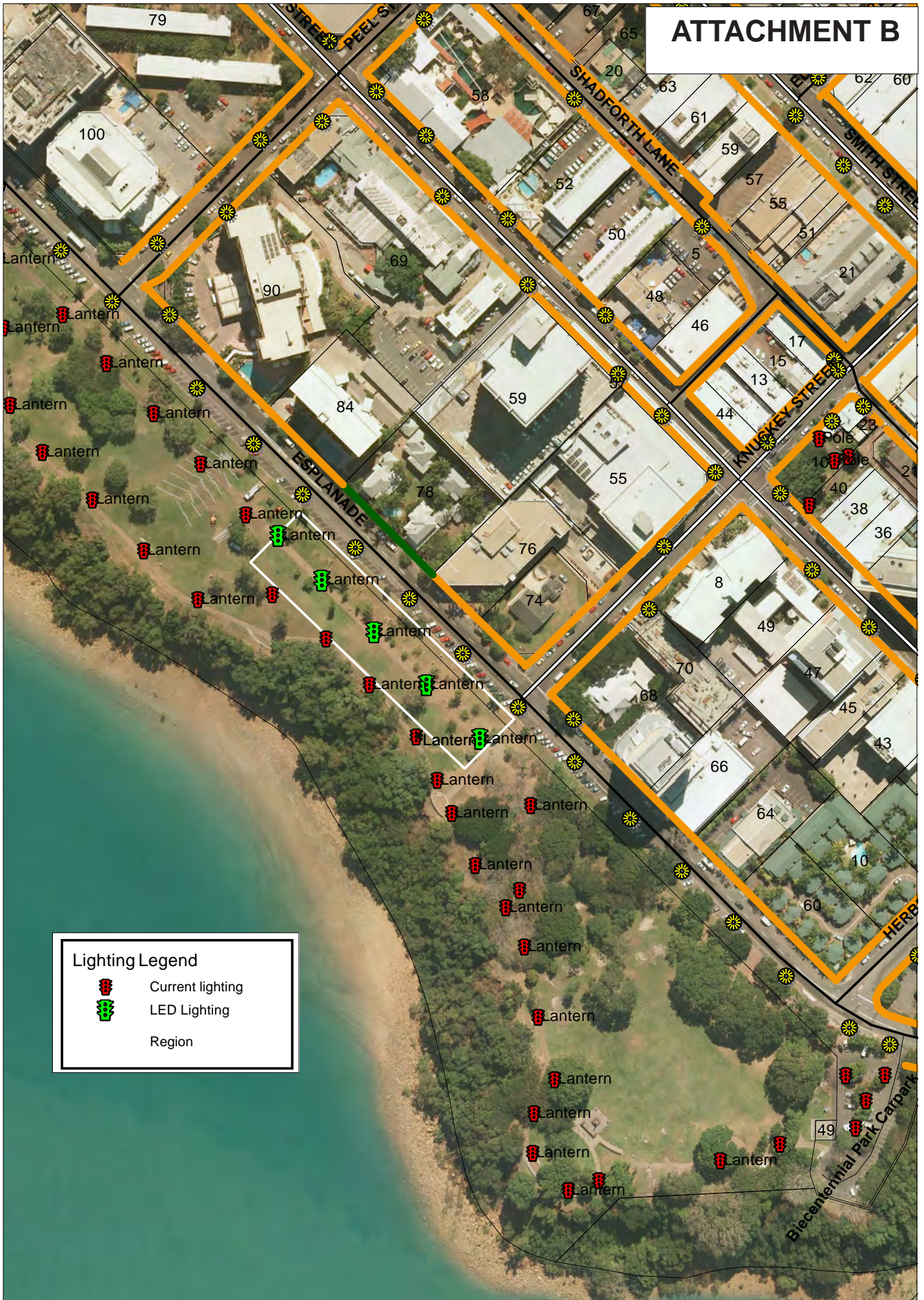
For enquiries, please contact LUCCIO CERCARELLI on 89300581 or email:
 l.cercarelli@darwin.nt.gov.au.

Attachments:

Attachment A: Yanyula Park, Anula – Location Plan

Attachment B: Bicentennial Park, Darwin CBD – Location Plan

ATTACHMENT B



OPEN SECTION

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E&I7*

Environment & Infrastructure Committee Meeting – Tuesday, 24 July 2012

10 GENERAL BUSINESS