

OPEN SECTION

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E&IC7\1

DARWIN CITY COUNCIL

ENVIRONMENT & INFRASTRUCTURE COMMITTEE

MONDAY 18 JULY 2011

MEMBERS: Member R K Elix (Chairman); The Right Worshipful, The Lord Mayor, Mr G R Sawyer, Member J L Sangster; Member R M Knox; Member H D Sjoberg.

OFFICERS: Acting Chief Executive Officer, Mr J Banks; General Manager Infrastructure, Mr L Cercarelli; Executive Manager, Mr M Blackburn; Manager Climate Change & Environment, Mrs P Robinson; 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 Arweena Smit.

Enquiries and/or Apologies: Arweena Smit

E-mail: a.smit@darwin.nt.gov.au - PH: 89300 685

OR Phone Committee Room 1, for Late Apologies - PH: 89300 519

Committee's Responsibilities

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

***** I N D E X *****

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Environment & Infrastructure Committee Meeting - Monday, 18 July 2011

1 MEETING DECLARED OPEN

2 APOLOGIES AND LEAVE OF ABSENCE

2.1 Apologies

2.2 Leave of Absence Granted

THAT it be noted that The Right Worshipful, The Lord Mayor, Mr G R Sawyer is an apology due to a Leave of Absence being previously granted on 14 June, 2011 for the period 18 July, 2011 to 24 July, 2011.

DECISION NO.20\() (18/07/11)

3 ELECTED MEMBERS CONFLICT OF INTEREST DECLARATION

4 CONFIDENTIAL ITEMS

Nil

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Environment & Infrastructure Committee Meeting - Monday, 18 July 2011

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 Monday, 18 July, 2011, be received and all recommendations contained therein be adopted by general consent with the exception of Item Number

DECISION NO.20\() (18/07/11)

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, 20 June, 2011, tabled by the Chairman, be received and confirmed as a true and correct record of the proceedings of that meeting.

DECISION NO.20\() (18/07/11)

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

7.1 Business Arising

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Environment & Infrastructure Committee Meeting - Monday, 18 July 2011

8 INFORMATION ITEMS

Nil

ENCL: NO

DARWIN CITY COUNCIL

DATE: 01/07/2011

REPORT

TO:	ENVIRONMENT & INFRASTRUCTURE COMMITTEE/OPEN A	APPROVED: DL
FROM:	GENERAL MANAGER INFRASTRUCTURE	APPROVED: LC
REPORT NO:	11TS0104DL:lm	
COMMON NO:	1832896	
SUBJECT:	INFRASTRUCTURE – DESIGN, PLANNING & PROJECTS – JUNE 2011 QUARTERLY REPORT	

ITEM NO: 9.1

SYNOPSIS:

The report provides an update on the activities of the Design, Planning & Projects Section for the April to June 2011 Quarter.

GENERAL:

The following is a highlight of activities which have occurred in the Section and is provided for Council's information.

- Construction of the remaining 2010/2011 Local Area Traffic Management (LATM) projects was completed;
- Various traffic report assessments associated with development applications and proposals within the Darwin Municipality have been undertaken;
- Work is continuing on the development and finalisation of a Road and Local Area Traffic Management Prioritisation model to assist in the prioritisation, management and improvement of safety of roads within Council's jurisdiction;
- The CBD Parking Strategy tender process is complete and the tender panel report and recommendation will be the subject of a forthcoming report to Council;
- Roll out of updated signage to facilitate paid parking in Zones A and B within the Darwin CBD on Saturdays was completed;
- Council's Roads to Recovery project was amended and submitted to the Australian Government, to reflect Council's recent Decision regarding works in Cavenagh Street;
- Nominations for the 2011/2012 LATM and Black-Spot Programs submitted to the Northern Territory Government for consideration/approval.
- Council is in the process of undertaking major traffic studies for the suburb of Wanguri and the suburb of Nightcliff in the vicinity Nightcliff Primary and Middle Schools.

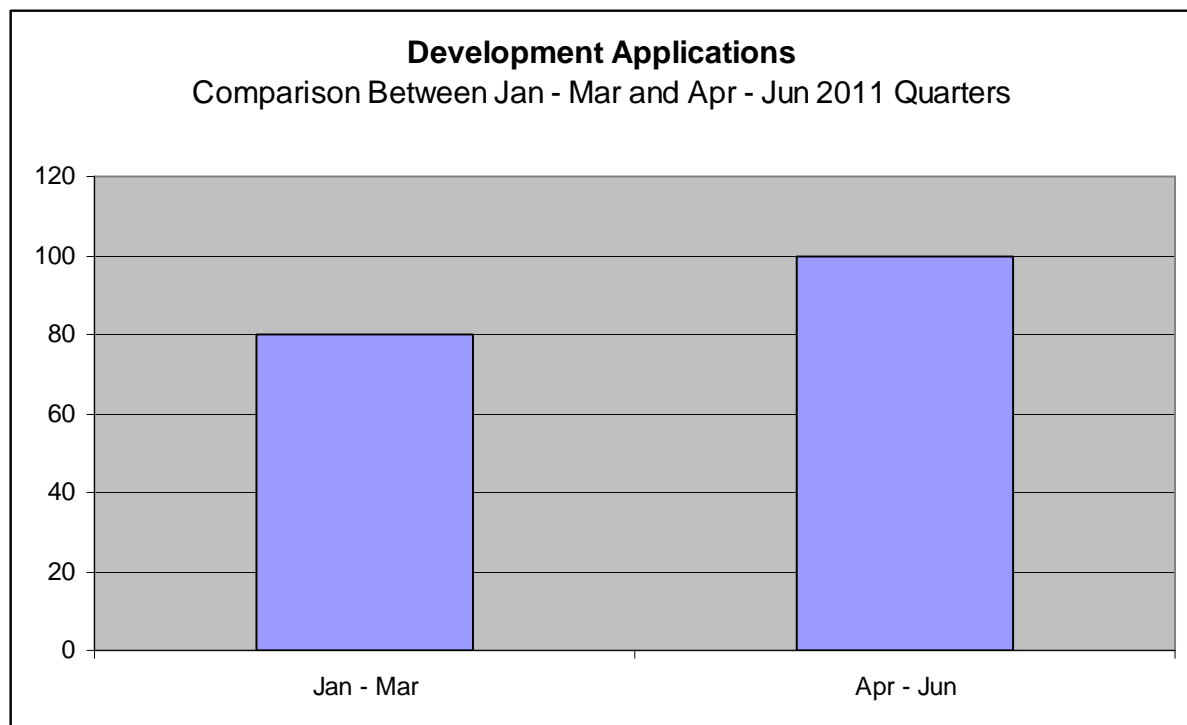
PAGE: 2
 REPORT NUMBER: 11TS0104DI:lm
 SUBJECT: INFRASTRUCTURE – DESIGN, PLANNING & PROJECTS – JUNE 2011
 QUARTERLY REPORT

Development Applications

The Town Planning Committee endorsed one hundred (100) letters in response to Development Applications for the Darwin Municipality in the June 2011 quarter.

Of these applications, twenty-one (21) 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. In addition, six (6) reports (and accompanying letters) to amend the NT Planning Scheme to rezone land were prepared for consideration by the Committee. There was one (1) letter prepared for an exceptional development proposal.

Six (6) reports on applications were heard at 1st Ordinary Meeting of Council and one (1) was heard at 2nd Ordinary Meeting of Council in order for Council to endorse letters in a timely manner to Development Assessment Services due to the fortnightly meeting schedule of the Development Consent Authority.



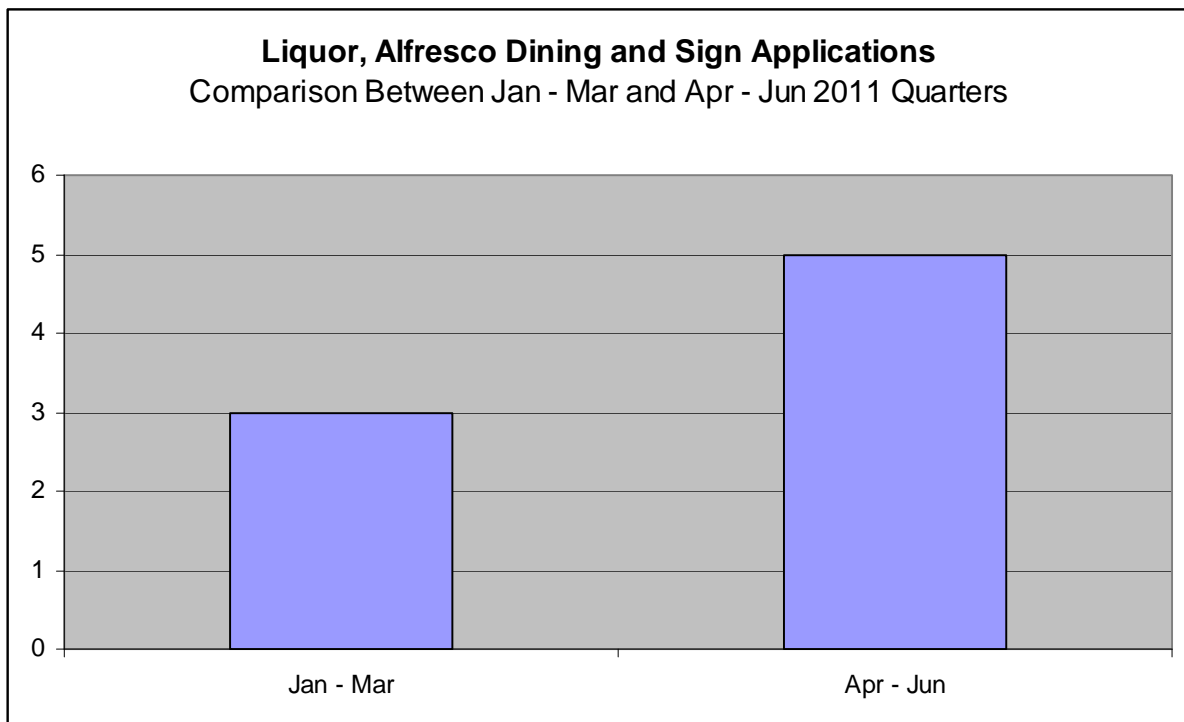
In April, Council held a community forum to discuss the issue of urban infill. Professor Richard Weller was the guest speaker and the forum was attended by eighty five (85) people.

Council made a formal submission to the Minister of Planning regarding the Northern Territory Government's Greater Darwin Regional Land Use Plan – Towards 2030 consultation paper.

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 REPORT NUMBER: 11TS0104DI:lm
 SUBJECT: INFRASTRUCTURE – DESIGN, PLANNING & PROJECTS – JUNE 2011
 QUARTERLY REPORT

Liquor Licences, Alfresco Dining and Sign Applications

A total of two (2) applications on Signs, Alfresco Dining and Liquor Licences were prepared in the June quarter and considered by Council. Of these, there were no Liquor Licence applications, two (2) were applications for Signs and there were no applications for Alfresco Dining. There was one (1) application for a Footpath Dining permit and no applications for Place Names received in the quarter.



FINANCIAL IMPLICATIONS:

All activities are being undertaken within approved budgets.

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 REPORT NUMBER: 11TS0104DI:lm
 SUBJECT: INFRASTRUCTURE – DESIGN, PLANNING & PROJECTS – JUNE 2011
 QUARTERLY REPORT

STRATEGIC PLAN IMPLICATIONS:

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 Strategies

1.1.3 Develop partnerships and joint projects with other levels of government

1.1.4 Play a strategic role in the planning and developmental processes that impact Darwin

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

Outcome

2.2 Increase recreational, cultural and heritage experiences

Key Strategies

2.2.3 Provide facilities to encourage safe cycling and walking

Goal

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

Outcome

3.1 Promote the use of public spaces

Key Strategies

3.1.1 Enhance public spaces and encourage greater use by the community

Outcome

3.2 Enhance transport systems

Key Strategies

3.2.3 Continue to manage and maintain the municipality pathway and cycleway network and infrastructure to a standard that meets the needs of the community

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REPORT NUMBER: 11TS0104DI:lm
SUBJECT: INFRASTRUCTURE – DESIGN, PLANNING & PROJECTS – JUNE 2011
QUARTERLY REPORT

LEGAL IMPLICATIONS:

Not Assessed.

ENVIRONMENTAL IMPLICATIONS:

Not Assessed.

PUBLIC RELATIONS IMPLICATIONS:

Not Assessed.

COMMUNITY SAFETY IMPLICATIONS:

Not Assessed.

DELEGATION:

Nil.

CONSULTATION:

Not Assessed.

PROPOSED PUBLIC CONSULTATION PROCESS:

Not Assessed.

APPROPRIATE SIGNAGE

Not Assessed.

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REPORT NUMBER: 11TS0104DI:lm
SUBJECT: INFRASTRUCTURE – DESIGN, PLANNING & PROJECTS – JUNE 2011
QUARTERLY REPORT

RECOMMENDATIONS:

THAT it be a recommendation to Council:-

THAT Report Number 11TS0058 DL:lm entitled Infrastructure – Design, Planning & Projects – June 2011 Quarterly Report, be received and noted.

DROSSO LELEKIS
MANAGER DESIGN, PLANNING &
PROJECTS

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

Any queries on this report may be directed to Drosso Lelekis on 89300414 or
d.lelekis@darwin.nt.gov.au

ENCL: NO

DARWIN CITY COUNCIL

DATE: 1/07/2011

REPORT

TO: ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN A

FROM: GENERAL MANAGER INFRASTRUCTURE

APPROVED: KS

REPORT NO: 11TS0108 KS:nf

APPROVED: LC

COMMON NO: 1887505

SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2011 QUARTERLY
REPORT

ITEM NO: 9.2

SYNOPSIS:

This report provides an update on infrastructure maintenance activities for the April to June quarter of 2010/11.

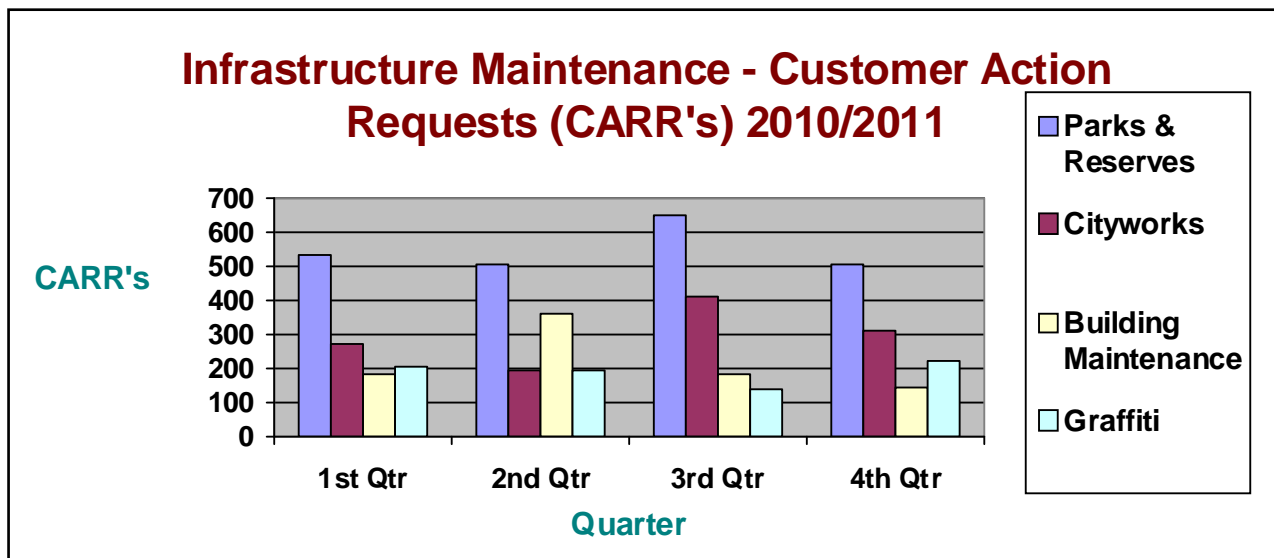
GENERAL:

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.

The Infrastructure Maintenance Section 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. A brief analysis of works completed in the June 2011 quarter is as follows.

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 REPORT NUMBER: 11TS0108KS:nf
 SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2011 QUARTERLY REPORT

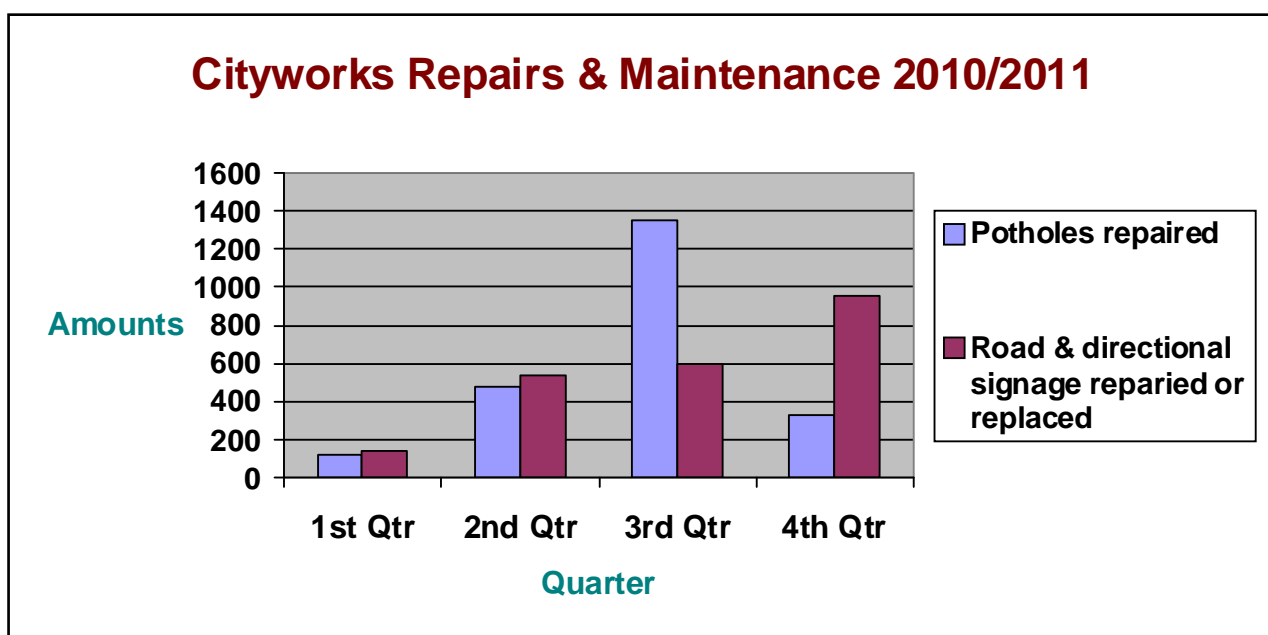


CITY WORKS

The section actioned approximately 312 Customer Action Requests over the quarter in addition to normal proactive maintenance tasks. The following is a brief summary of activities for the quarter.

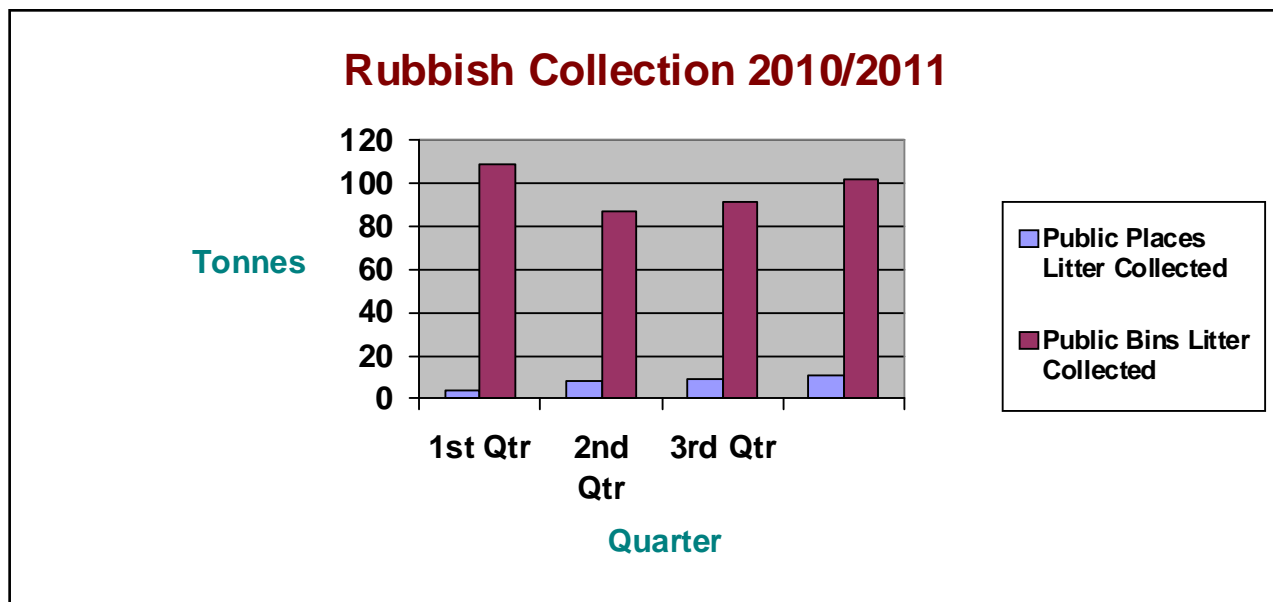
Repairs and Maintenance

- Footpath repairs completed - approximately 695 linear metres
- Potholes repaired - approximately 327
- Storm Water Drains cleaned – 3.56 kilometres
- Road and directional signage – 950 repaired or replaced



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 REPORT NUMBER: 11TS0108KS:nf
 SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2011 QUARTERLY REPORT

- Foot patrols through the CBD and foreshores picking up litter, removed approximately 10.81 tonnes of rubbish.
- 2,482 street bins were emptied resulting in 101.9 tonnes of rubbish being removed.



Capital Works Programs For The Quarter

- New footpath installed – Approximately 1.42 kilometers
- Road surface resealed – Approximately 98,451 square metres
- Road surface over laid – Approximately 12,233 square metres

Major Works Programmed Within The Next Quarter

- Road resealing program
- Major road failure patch out including Tiwi Gardens Road, Baroalba Street, Jingili Terrace, Knowles Street, Sanders Street and Dalwood Crescent.
- Footpath construction/reconstruction program
- Line marking program

PARKS AND RESERVES

Parks and Reserves Section actively maintains approximately 574 hectares of open space. The section actioned 510 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.

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 SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2011 QUARTERLY REPORT

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

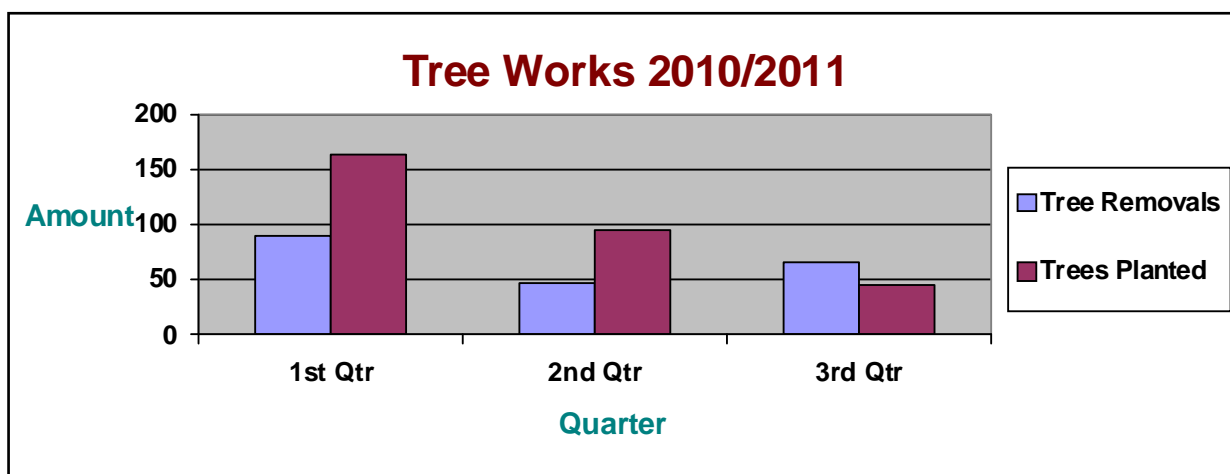
- The CBD precinct maintains 132 hectares in 202 separate areas of parkland, ovals, road reserve, roundabouts, shopping centre garden beds and street gardens throughout the suburbs of Darwin CBD, Larrakeyah, Bayview, Stuart Park, The Gardens, Parap, Woolner, Fannie Bay and Winnellie.
- The Central Precinct 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 are 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:

- Removal and replacement of dying Ficus in Civic Park
- Re-planting of 373 trees removed as a result of Cyclone Carlos in February 2011
- Preparations of Bicentennial Park, The Esplanade for Glenti Festival
- Fireworks clean up from Territory Day

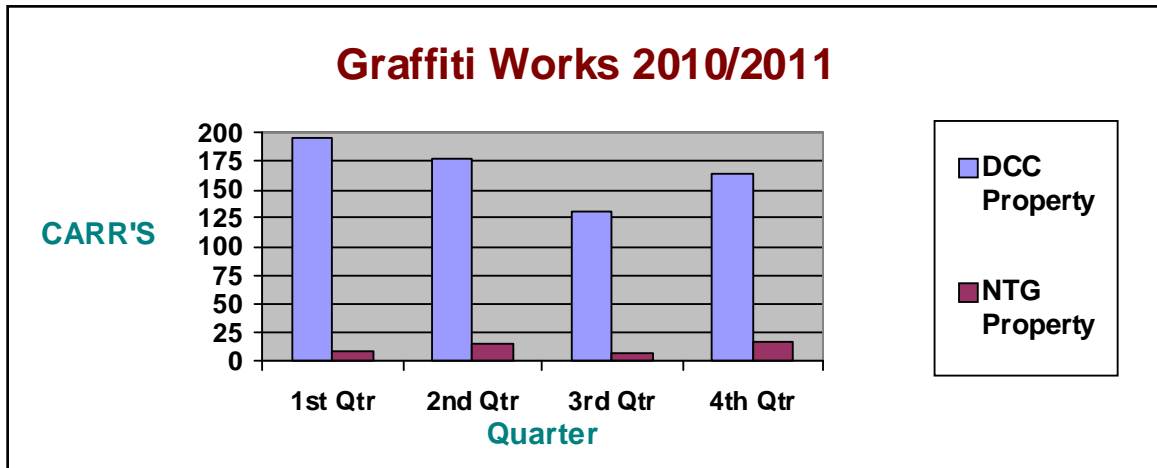
URBAN FOREST MANAGEMENT

- 68 trees planted within the quarter with 60 trees removed in the quarter. These works relate to programmed works and do not include cyclone related work. The tree planting program has been delayed due to the cyclone clean-up work. However, a priority will be made to return to tree planting now that clean up work has been completed.



BUILDING SERVICES

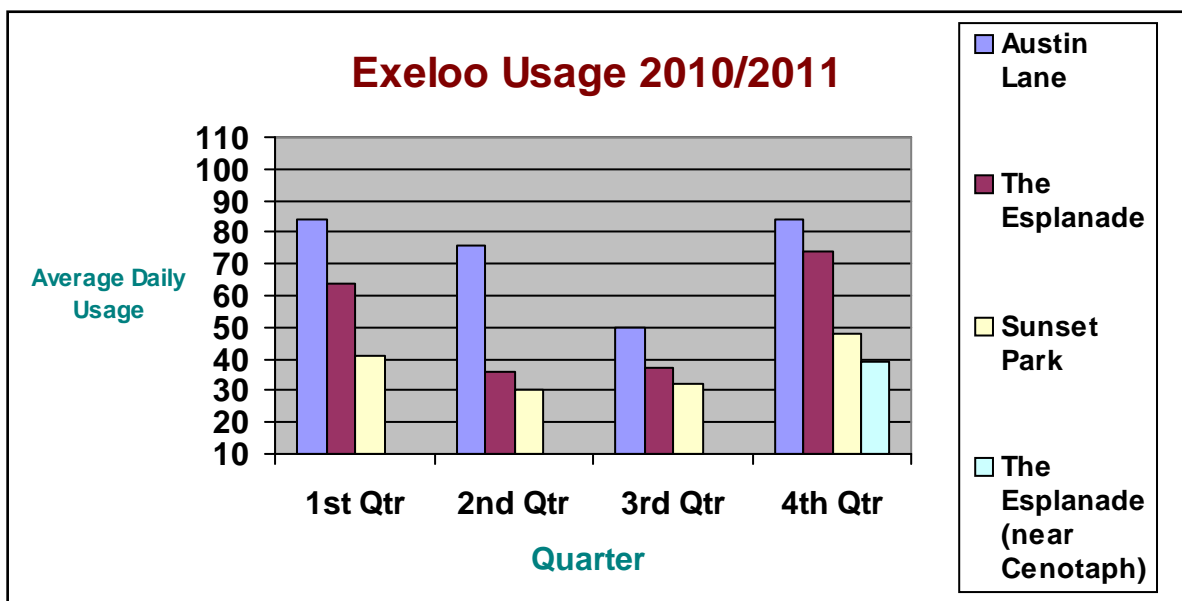
Building services responded to approximately 143 Customer Action Requests over the quarter in addition to normal proactive maintenance tasks. Graffiti officers actioned 182 Customer Action Requests relating to Darwin City Council and Northern Territory Government controlled assets, over the quarter.



Exeloo Public Toilet Usage

Council operates six Exeloo toilets and three of these are automated to collect statistics on daily usage rates. These are;

- Austin Lane Exeloo – 84 uses per day average over the past quarter
- Esplanade Exeloo – 74 uses per day average over the past quarter
- Sunset Park Exeloo – 48 uses per day average over the past quarter
- Esplanade Exeloo (near Cenotaph) – 39 uses per day average over the past quarter



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 REPORT NUMBER: 11TS0108KS:nf
 SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2011 QUARTERLY REPORT

Some highlights for the quarter include:

- Perimeter Fencing to Darwin Amphitheatre completed. New rockwall entrance statement to be constructed.
- Malak Community Hall Outdoor Pavilion and BBQ structure completed.
- Electrical upgrade to Mindil Markets completed.
- Asbestos “emu bob” Nightcliff Foreshore completed.
- Replacement of rehearsal dance floor Darwin Entertainment Centre.

FINANCIAL IMPLICATIONS:

Infrastructure maintenance operates within the current operational and capital works budgets

STRATEGIC PLAN IMPLICATIONS:

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

2.1.2 Continue to implement the CBD Streetscape Strategy

2.1.4 Provide a clean and liveable municipality

LEGAL IMPLICATIONS:

Not Assessed.

ENVIRONMENTAL IMPLICATIONS:

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

PUBLIC RELATIONS IMPLICATIONS:

Not Assessed.

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REPORT NUMBER: 11TS0108KS:nf
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REPORT

COMMUNITY SAFETY IMPLICATIONS:

Community Safety is an important element of the sections activities.

DELEGATION:

Not Assessed.

CONSULTATION:

Nil.

PROPOSED PUBLIC CONSULTATION PROCESS:

Not Assessed.

APPROPRIATE SIGNAGE

Nil.

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REPORT NUMBER: 11TS0108KS:nf
SUBJECT: INFRASTRUCTURE MAINTENANCE – JUNE 2011 QUARTERLY
REPORT

RECOMMENDATIONS:

THAT it be a recommendation to Council:-

THAT Report Number 11TS0108KS:nf entitled Infrastructure Maintenance – June 2011 Quarterly Report, be received and noted.

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

ENCL: NO

DARWIN CITY COUNCIL
REPORT

DATE: 07/07/2011

TO: ENVIRONMENT & INFRASTRUCTURE
COMMITTEE/OPEN A

APPROVED: MN

FROM: GENERAL MANAGER INFRASTRUCTURE

APPROVED: JW

REPORT NO: 11TS0110 JW:lm

APPROVED: LC

COMMON NO: 1738353

SUBJECT: WASTE AND RECYCLING - JUNE 2011 QUARTERLY REPORT

ITEM NO: 9.3

SYNOPSIS:

This report provides an update on Council's waste management and recycling activities for the June 2011 quarter.

GENERAL:**PRE-CYCLONE CLEANUP**

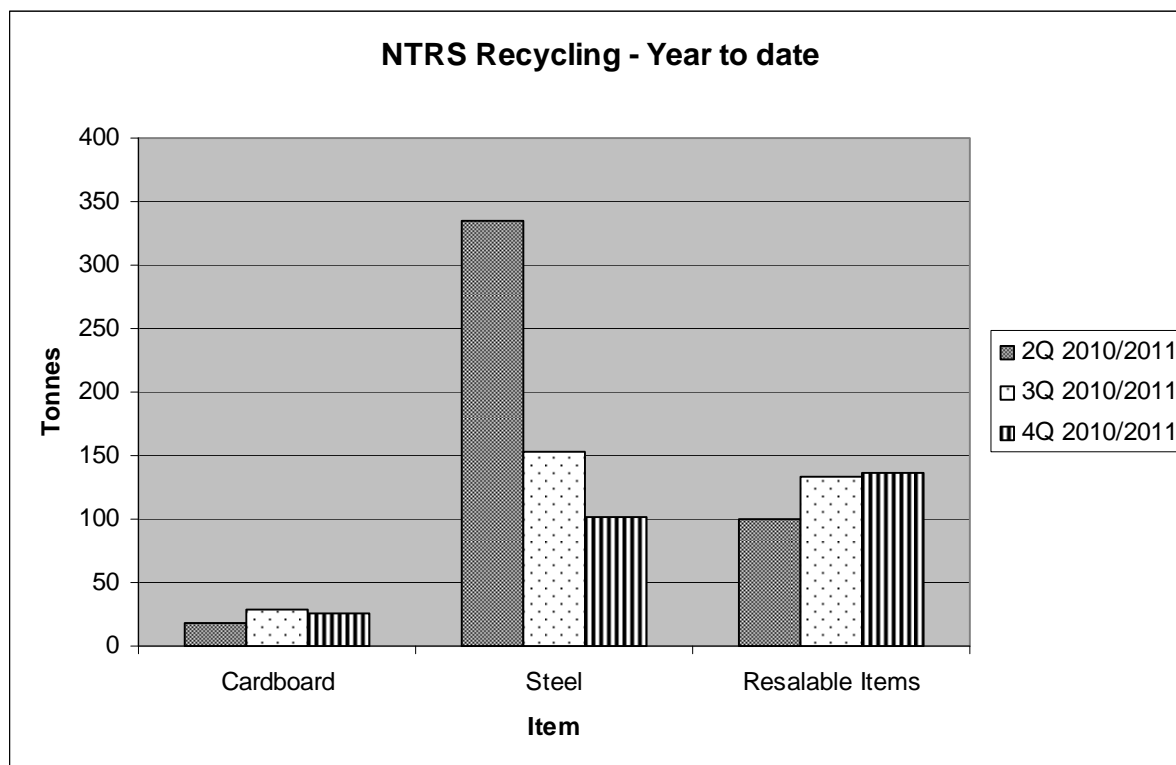
- The 2011 Darwin City Council Pre-Cyclone Cleanup will occur on the 11th and 25th September 2011. Work has commenced on coordinating and organising the activity. As the date approaches Council will undertake community notification and advertising.

SHOAL BAY WASTE DISPOSAL SITERecycling Operations

- Eighty (80) e-waste items were collected in this quarter with fifty (50) being on sold at the Shoal Bay Recycling Centre and the remaining thirty (30) items being stored for recycling.
- Cardboard salvaged as part of the Recycling Centre activities totalled 26.46 tonnes in this quarter representing a slight decrease from the previous quarter.
- 101.28 tonnes of steel was recovered during this quarter, a decrease to the previous quarter.
- 135.84 tonnes of resalable items were recovered from landfill and the transfer station representing a slight increase from the previous quarter.

PAGE: 2
REPORT NUMBER: 11TS0110 JW:lm
SUBJECT: WASTE AND RECYCLING - JUNE 2011 QUARTERLY REPORT

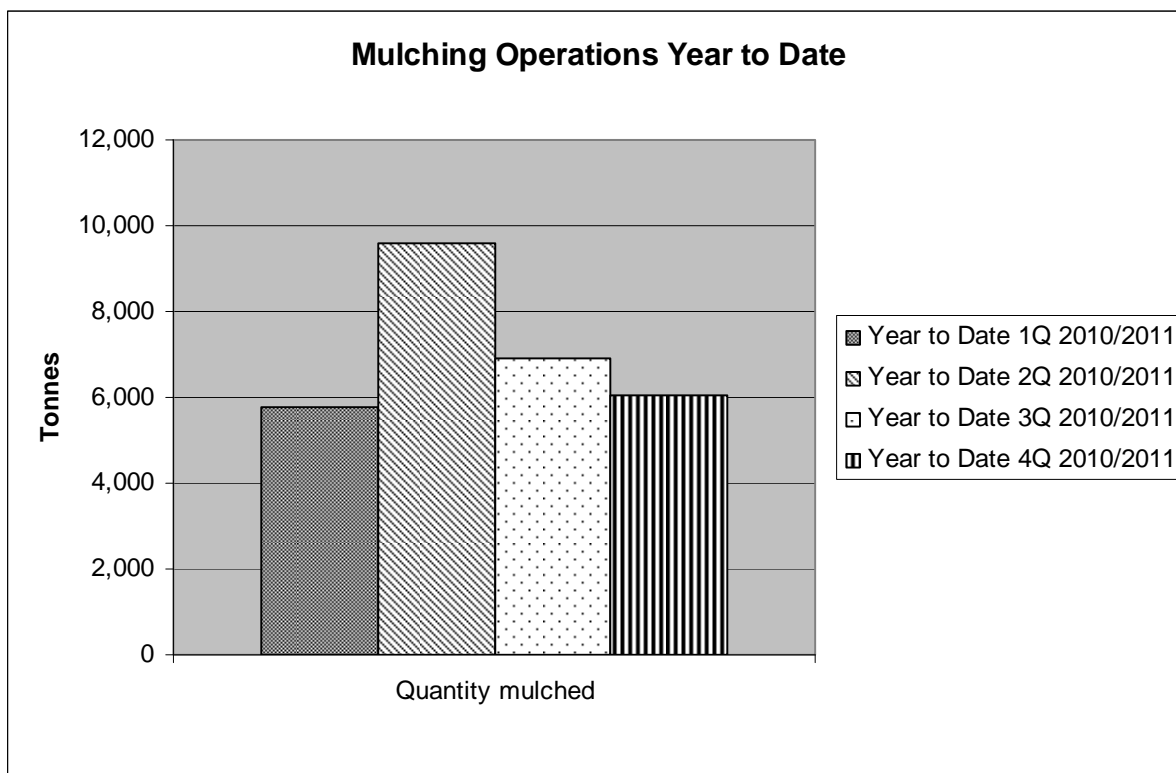
- The degassing of items containing refrigerants continues, on site to ensure all refrigerant containing units collected that aren't suitable for resale do not contain gas prior to recycling via the scrap metal stream. Four hundred and two (402) items were degassed during this period.
- Installation of new signage has commenced at the Recycling Facility to assist the general public in identifying how to sort their items for recycling.



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REPORT NUMBER: 11TS0110 JW:lm
SUBJECT: WASTE AND RECYCLING - JUNE 2011 QUARTERLY REPORT

Mulching Operations

- Mulching activity has decreased from the previous quarter. This is likely due to Tropical Cyclone Carlos in February, resulting in an increase in green waste for the 3rd quarter.

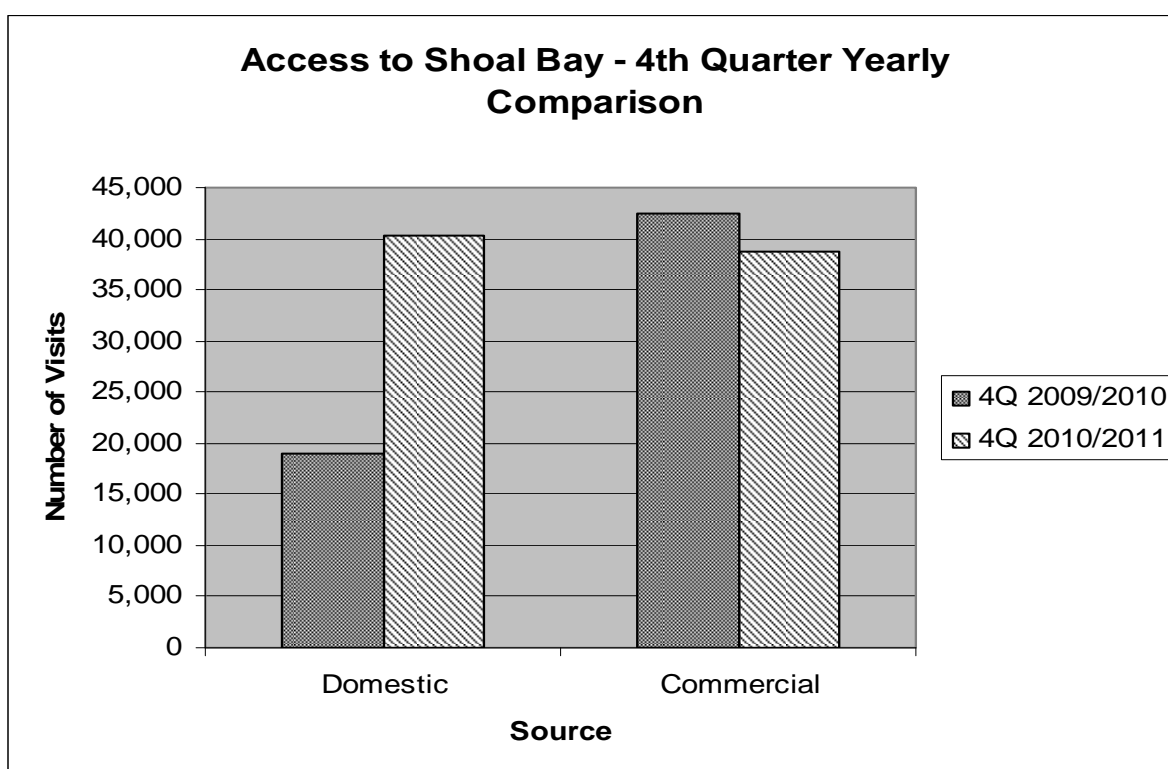


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REPORT NUMBER: 11TS0110 JW:lm
SUBJECT: WASTE AND RECYCLING - JUNE 2011 QUARTERLY REPORT

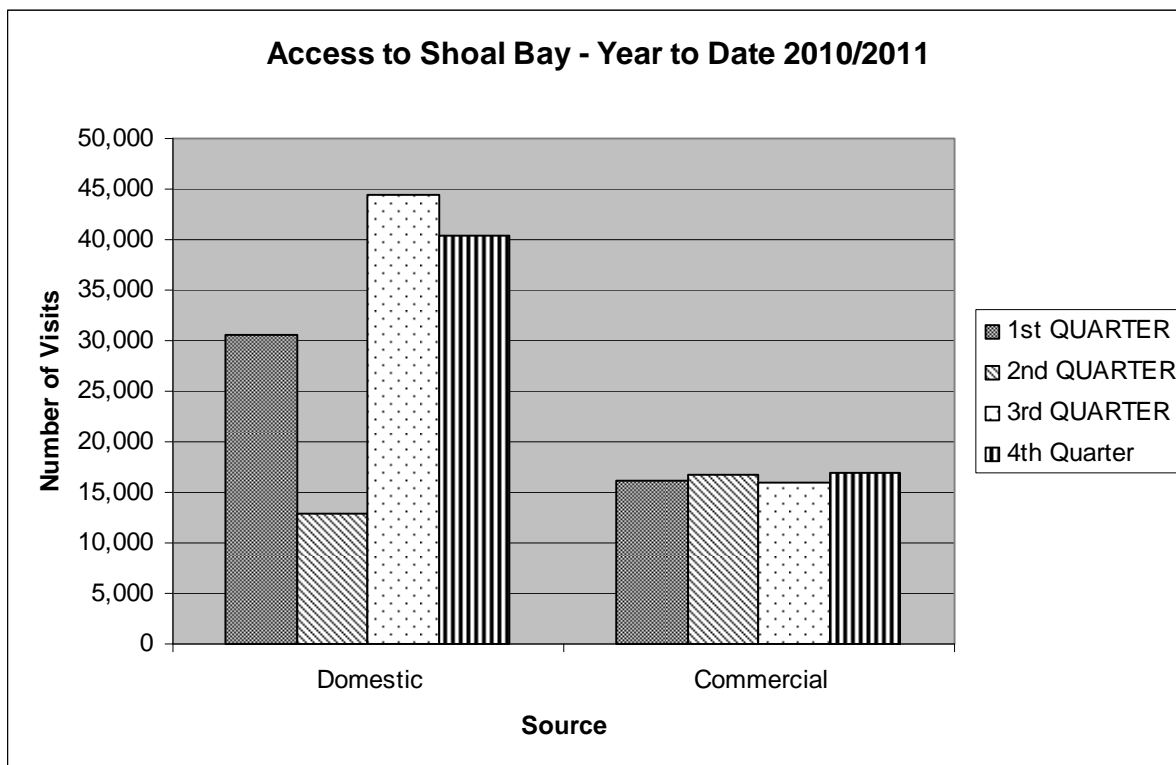
LANDFILL OPERATIONS

Access to Shoal Bay

- The below graph indicates an increase in visits from domestic users compared to the same quarter last year. This can be partly attributed to improvements and upgrades made to the domestic users data collection and recording system in recent times. There has been a slight increase in the number of commercial users from the previous quarter.
- Commercial visits have decreased slightly from this same quarter last year.



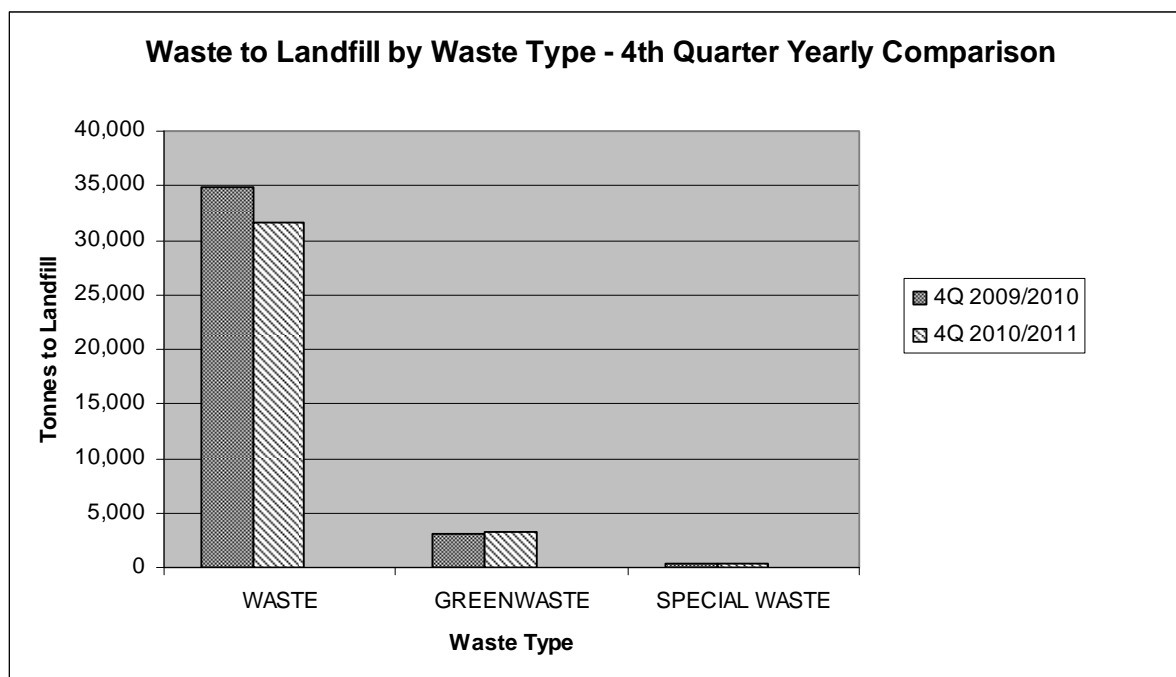
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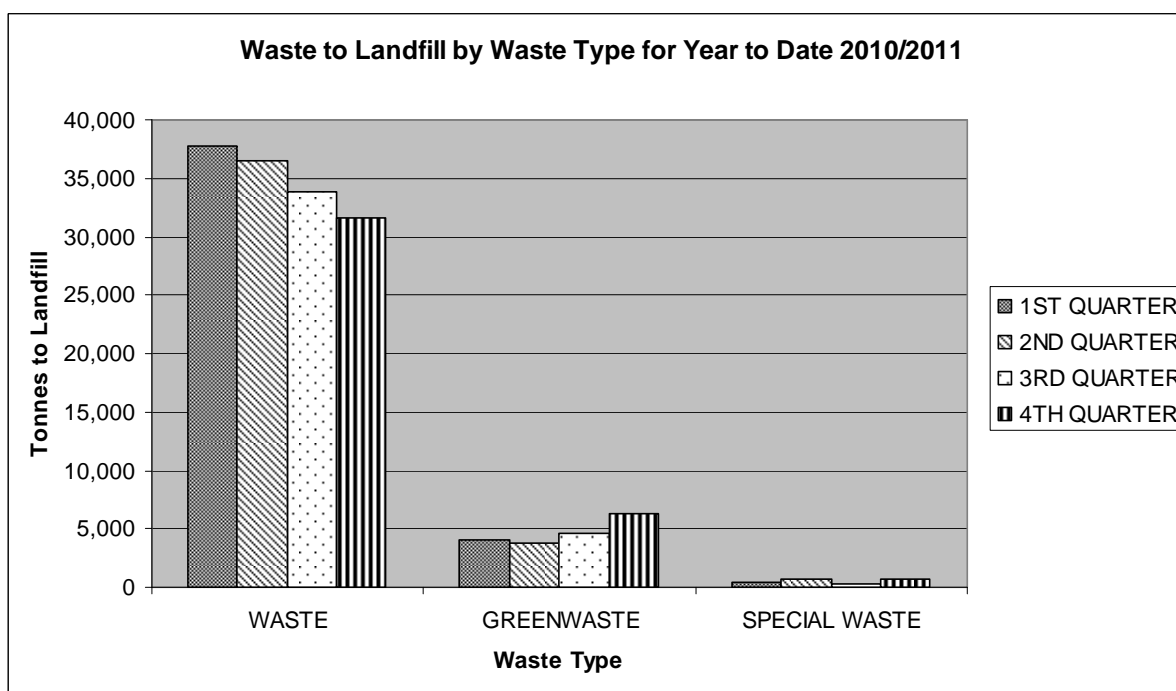
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Waste to Landfill by Waste Type

- There has been a slight decrease in general waste disposed of during this period compared to the same time for the previous year, and an increase in green waste being disposed of at the landfill.

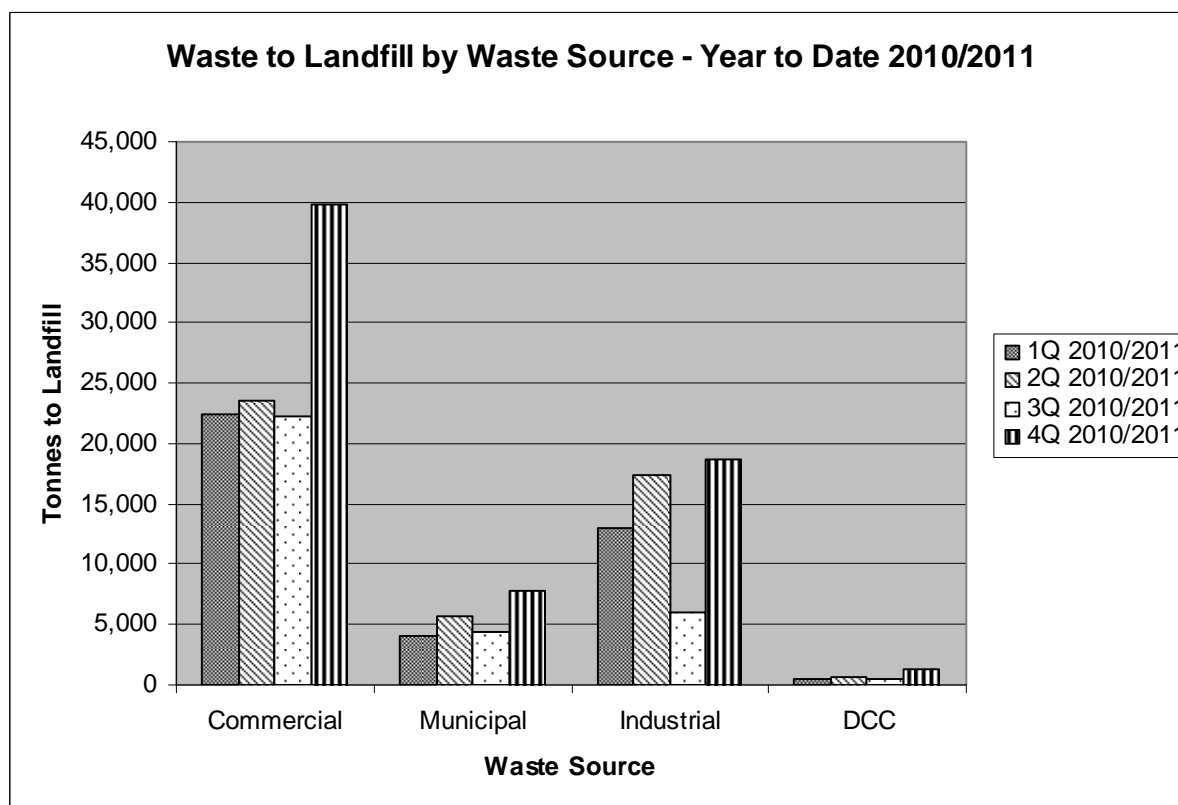
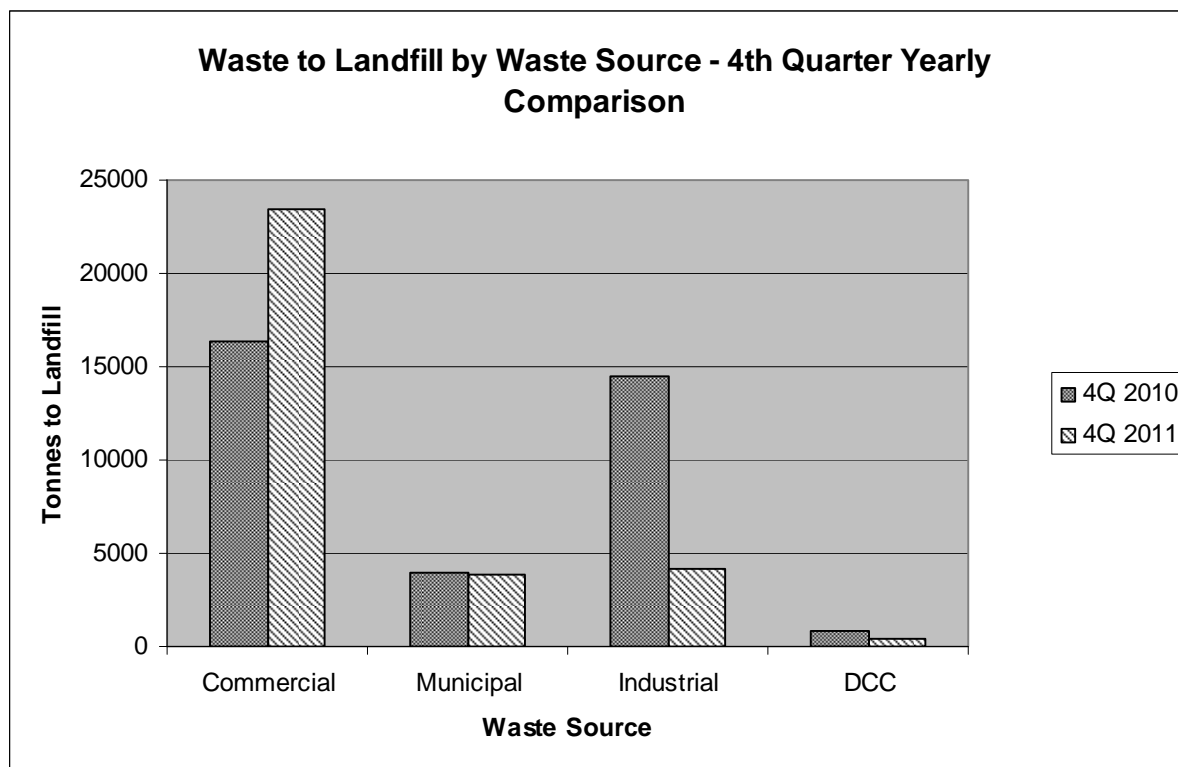


- The graph below indicates a continuing reduction in general waste and an increase in green and special waste types through the 2010/2011 financial year.



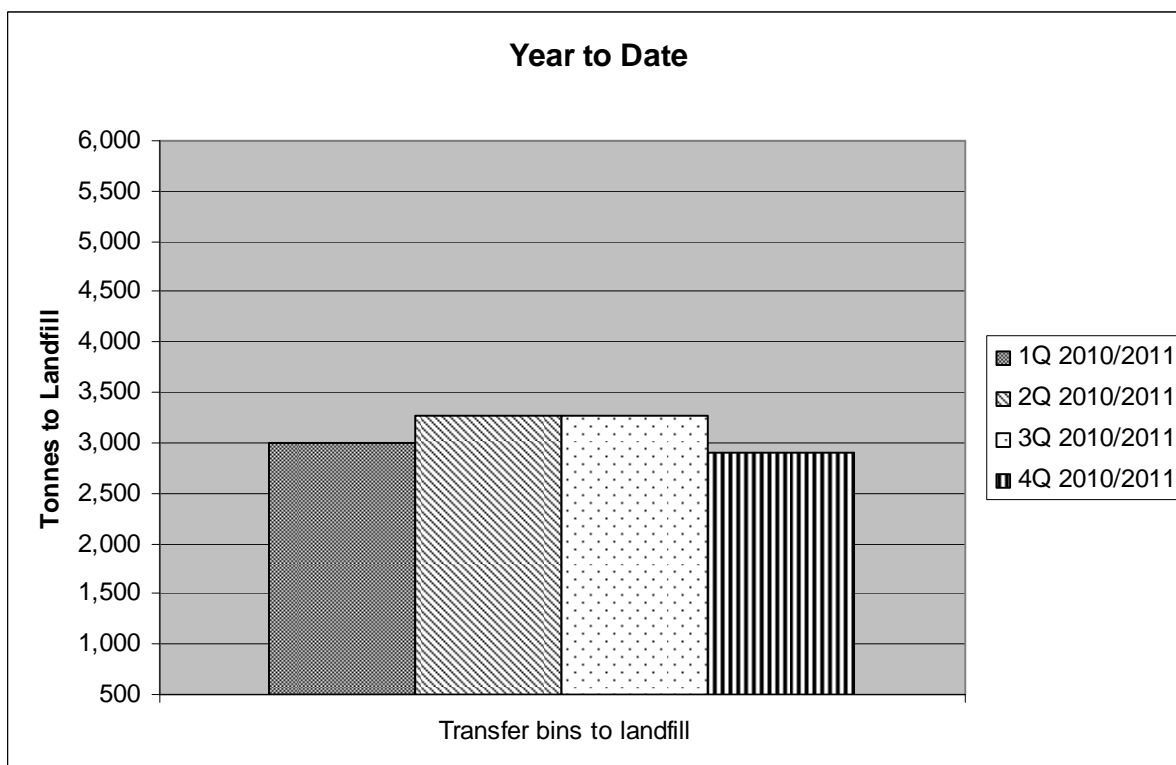
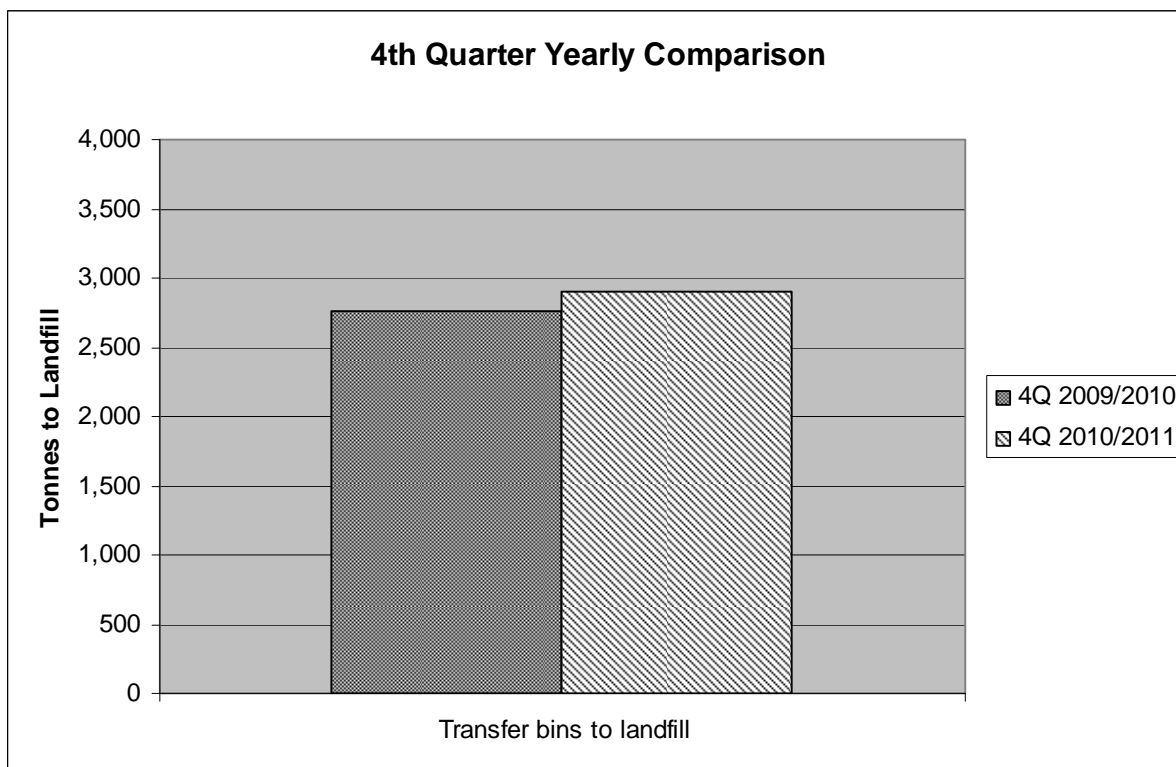
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Waste to Landfill by Waste Source



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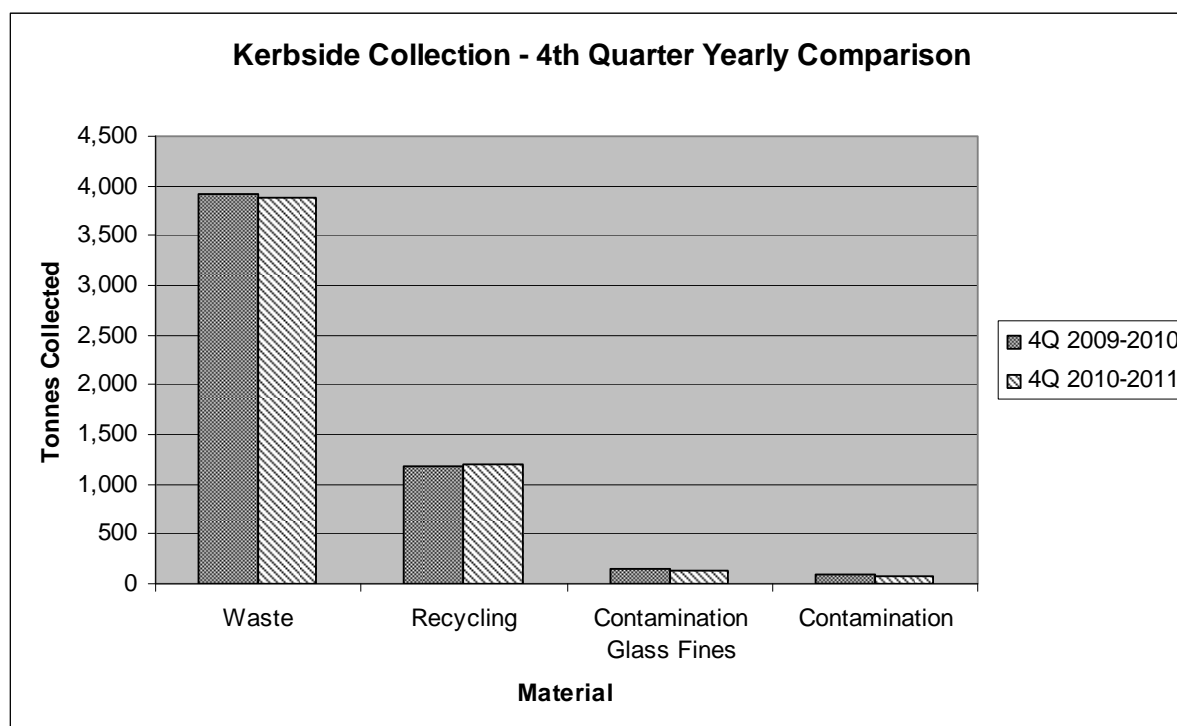
Transfer Station Bins to Landfill



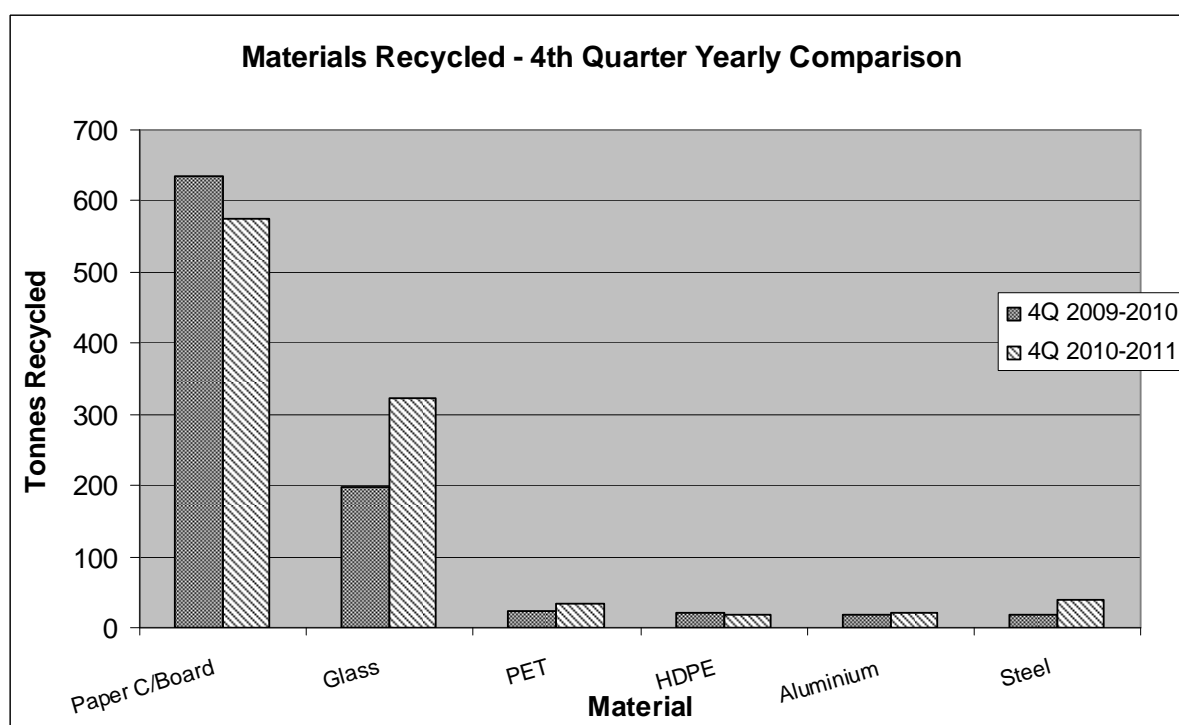
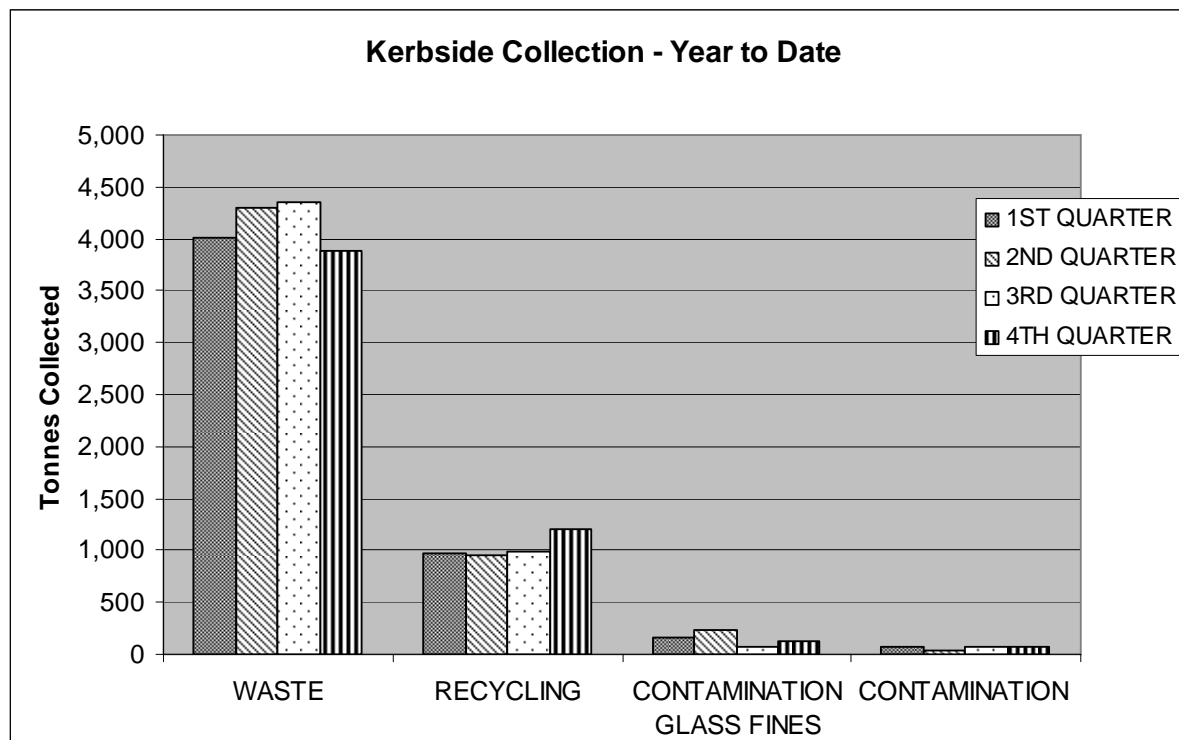
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 REPORT NUMBER: 11TS0110 JW:lm
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Domestic Kerbside Collection

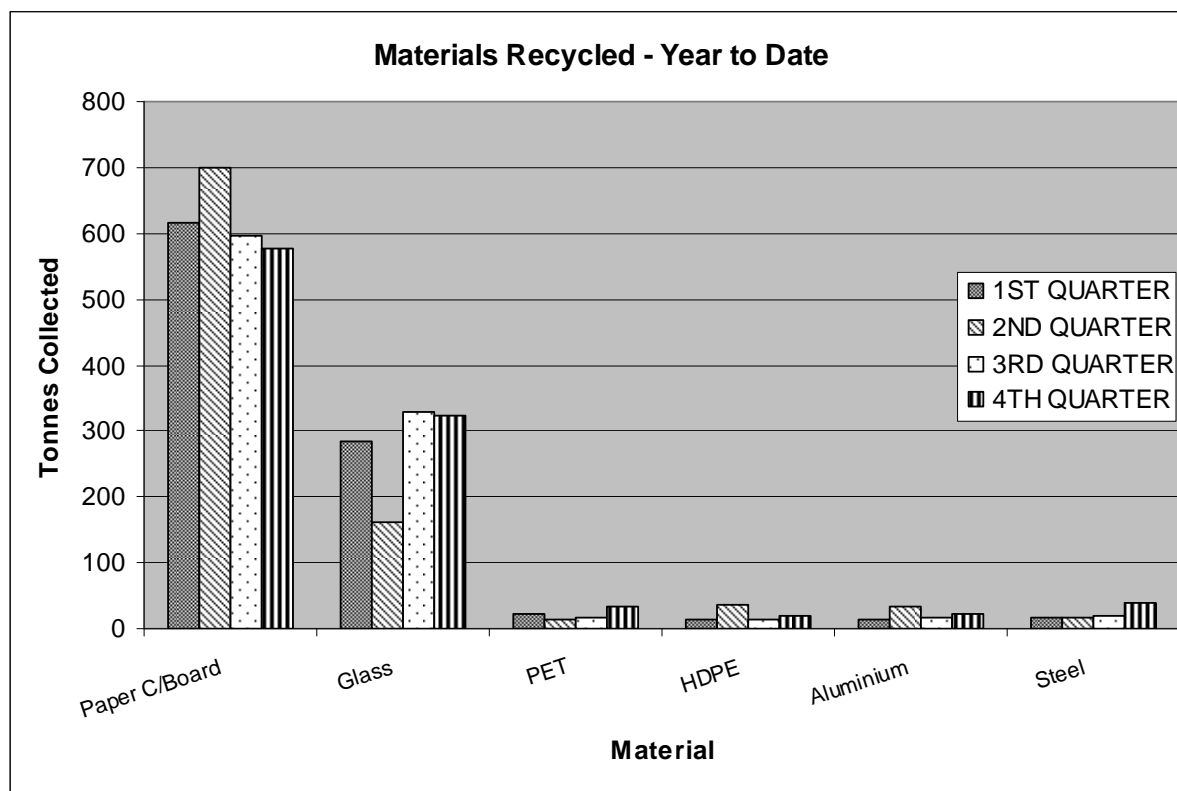
- Waste has decreased slightly compared to the same quarter last year and there has been a slight increase in the amount of recycling materials collected.
- Total contamination has decreased from 20.6% to 16.4% compared to the same quarter last year. However there has been an increase of almost 4% from the previous quarter. Glass fines are now separated in the sorting process at the MRF and sold for industrial uses.
- Recovery of paper and cardboard has decreased by 21 tonnes from the previous quarter.
- Glass recovery has increased by 59 tonnes from the same quarter the previous year and has decreased by 21 tonnes from the March 2011 quarter.
- On 1 May 2011 the kerbside recycling of additional plastics 3 through 7 commenced. Compared to the same quarter last year there has been a significant change in quantity of plastic materials collected. There has been an increase of 21 tonnes from the previous quarter and an increase of 10 tonnes from the same time last year.
- The recycling of aluminium and steel through the kerbside service increased by 29 tonnes from the same period last year and increased by 15 tonnes from the previous quarter.
- Education continues to be a priority in reducing contamination rates.



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 REPORT NUMBER: 11TS0110 JW:lm
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COMMUNITY EDUCATION

- The Darwin City Council funded Community Education Officer, based at Transpacific Cleanaway, undertook the following activities during the quarter:
 - School visits x 32;
 - Promotion of Community Education Program;
 - Development of recycling flyers and stickers to reflect changes in recycling collections;
 - Preparation of education resources for teachers and students;
- Darwin City Council undertook the following activities in the quarter:
 - Four school group tours of Shoal Bay Waste Disposal Facility;
 - Display and activities for five schools for the Sustainability Festival at the Botanical Gardens
 - All relevant forms are being reviewed and updated
 - Web based materials are being reviewed and updated
 - On site signage at Shoal Bay is being reviewed and implemented

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- Upcoming community education activities being considered:
 - Review of school tours of Shoal Bay Waste Disposal Site
 - School visits
 - Recycling behaviour survey
 - Bagot Community recycling education visit
 - Trial installation of recycling signage at multiple unit dwellings that consistently present contaminated recycling bins.

OTHER

- Shoal Bay continues to generate approximately 2100 MWh of energy per quarter from its gas extraction facility, which is fed into the main power grid.

FINANCIAL IMPLICATIONS:

All activities are being undertaken within approved budgets.

STRATEGIC PLAN IMPLICATIONS:

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

LEGAL IMPLICATIONS:

Operations are being undertaken in accordance with Darwin City Council 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.

PUBLIC RELATIONS IMPLICATIONS:

The operations are undertaken to present a positive public image of Council.

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COMMUNITY SAFETY IMPLICATIONS:

Not Assessed.

DELEGATION:

Nil.

CONSULTATION:

Not Applicable.

PROPOSED PUBLIC CONSULTATION PROCESS:

Not Applicable.

APPROPRIATE SIGNAGE:

Not Applicable.

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RECOMMENDATIONS:

THAT it be a recommendation to Council:-

THAT Report Number 11TS0110MN:KB entitled Waste And Recycling - June 2011 Quarterly Report, be received and noted.

JOY WELSHMAN
TEAM COORDINATOR
DEVELOPMENT & WASTE
MANAGEMENT

KERRY SMITH
A/GENERAL MANAGER
INFRASTRUCTURE

Any queries on this report may be directed to Joy Welshman on 8930 0413 or j.welshman@darwin.nt.gov.au

ENCL: YES

DARWIN CITY COUNCIL

DATE: 08/07/2011

REPORT

TO:	ENVIRONMENT & INFRASTRUCTURE COMMITTEE/OPEN A	APPROVED: MF
FROM:	ACTING GENERAL MANAGER INFRASTRUCTURE	APPROVED: NK
REPORT NO:	11TS0112 MF:lm	APPROVED: LC
COMMON NO:	996234	
SUBJECT:	NIGHTCLIFF FORESHORE AND CLIFFS ASBESTOS MATERIALS DUMPED AROUND THE TIME OF WORLD WAR II AND CYCLONE TRACY – JUNE 2011 UPDATE	

ITEM NO: 9.4

SYNOPSIS:

This report provides Council with an update on action taken over the last quarter regarding the Nightcliff Foreshore Asbestos monitoring and management program.

GENERAL:

Research indicates that before World War II the Nightcliff area was considered beyond Darwin's suburbs.

A review of the history of the site revealed that the area along the Nightcliff Foreshore was a former gravel quarry pit which later became a land fill site for demolition waste of a World War II Defense Facility comprising a naval outpost, an air force camp and American medical facilities.

Originally the dump extended well onto the beach and was visible even at high tide, but clean up operations in the late 1950's through to the 1960's reduced the size of the dump. The discarded materials are now only visible at low tide, or where the cliff face has eroded.

(Source: Register of National Estate, Australian Heritage Places Inventory, Nightcliff Cliffs World War 2 Dump)

It has been identified that the cliff face contains various asbestos materials ranging from flat asbestos cement (a/c) wall sheeting, corrugated a/c roof sheeting and a/c water pipes. The materials appear to have been dumped in a random manner, that is, not stacked and wrapped, or compacted.

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It appears that the landfill also includes debris from buildings destroyed by Cyclone Tracy. More building material was dumped in several locations in the vicinity. Some of the dumped material included asbestos cement building products.

A report to Council in September 2009, titled Nightcliff Foreshore and Cliffs - Asbestos Materials Dumped Around The Time Of World War II And Cyclone Tracy Report No. 09TS0134, identified:

- the areas of asbestos contamination along the foreshore,
- programme of inspections,
- results of testing and air monitoring for air borne asbestos fibres,
- the requirement for warning signs along the top and bottom of cliff areas,
- the requirement for asbestos monitoring and management
- the need for a Nightcliff site history report to investigate ownership and responsibility of the dumped material.

The following is an update regarding monitoring and asbestos removal programmes undertaken since the April 2011 report to Council;

1). Inspection and Monitoring.

- Visual inspections are undertaken on a monthly basis throughout the quarter.
- Air monitoring undertaken during removal of loose debris pickups undertaken on 16 -17 June 2011 revealed no issues and were within national guidelines.

2). Signage

- A total of eight (8) signs have been erected along the top and bottom of the cliff. The signs were installed on the 19 October 2009, these have been inspected and remain in place for the quarter.

3). Asbestos Removal

Council engaged a qualified contractor to undertake “emu pickups” in line with previous management practice to remove loose asbestos parts from the beaches and open space reserve areas. An “emu bob” was conducted 16 – 17 June 2011 being the only collection for this quarter.

Collection of asbestos materials from the foreshore in the June 2011 operation included:

- Collection of 1.5 cubic metres loose materials from the cliff face near Casuarina Drive and Nightcliff Road to the low water mark.

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4). Plan of Management

Inspection and monitoring will continue until a final plan of management is developed and presented to Council for consideration. It is intended that the next “Emu pickup” will occur in mid August 2011 or prior to should there be any further significant storm activity.

FINANCIAL IMPLICATIONS:

Cost for the 2010/2011 financial year are \$102,478 of which \$70,487 is contributed to additional “emu pick-ups” following Cyclone Carlos.

STRATEGIC PLAN IMPLICATIONS:

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

7 Demonstrate Effective, Open and Responsible Governance

Outcome

7.1 Effective governance

Key Strategies

7.1.2 Minimise exposure of Council through effective risk management practices

LEGAL IMPLICATIONS:

Land ownership and dumped materials ownership is to be further investigated through interpretation of the Local Government Act and other relevant legislation and discussions with Territory and Australian Government agencies.

ENVIRONMENTAL IMPLICATIONS:

Removal of dumped materials or significant works to the cliff face to treat the asbestos issue may have further impact on the coastal environment and cliff stability.

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PUBLIC RELATIONS IMPLICATIONS:

Council can be seen as acting responsibly in this matter given it's positive actions to date.

Independent air monitoring has revealed that the concentration of airborne asbestiform fibres are well below the detection limit and the risk is low if not negligible provided the asbestos is not disturbed. However, if disturbed there is a risk of asbestos materials becoming friable and for asbestos fibres becoming airborne, thus increasing public risk.

COMMUNITY SAFETY IMPLICATIONS:

The community perception of the asbestos is that it presents a very high danger and should be treated. Independent testing has indicated very low to negligible risk if left undisturbed. Continuing inspections, "emu pick-ups" and air monitoring will occur to gauge change, if any.

DELEGATION:

Nil.

CONSULTATION:

Nil.

PROPOSED PUBLIC CONSULTATION PROCESS:

Maintain signage currently in place.

Provide information to the community through advertisements in the NT News prior to further Emu Pick up activities.

APPROPRIATE SIGNAGE

Signage has been installed along the cliff top and the foreshore to alert the public that it is unsafe to climb the Nightcliff Foreshore cliffs. The signs are inspected on a regular basis to ensure they remain in place.

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RECOMMENDATIONS:

THAT it be a recommendation to Council:-

- A. THAT Report Number 11TS0112 MF:lm entitled Nightcliff Foreshore And Cliffs Asbestos Materials Dumped Around The Time Of World War II And Cyclone Tracy – June 2011 Update, be received and noted.

NIK KLEINE
A/MANAGER INFRASTRUCTURE
MAINTENANCE

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

Any queries on this report may be directed to Maxine Flanagan on 8930 0529 or
m.flanagan@darwin.nt.gov.au

ENCL: NO

DARWIN CITY COUNCIL

DATE: 06/07/2011

REPORT

TO: ENVIRONMENT & INFRASTRUCTURE COMMITTEE/OPEN A **APPROVED:** ND

FROM: GENERAL MANAGER INFRASTRUCTURE **APPROVED:** LC

REPORT NO: 11TS0098 ND:lm

COMMON NO: 1832912

SUBJECT: ASSET MANAGEMENT – JUNE 2011 – QUARTERLY REPORT

ITEM NO: 9.5

SYNOPSIS:

This report provides an update on the activities of the Asset Management Section for the April to June 2011 quarter.

GENERAL:

Council manages a total of approximately \$1 Billion (Replacement Value) of infrastructure assets including roads, stormwater drainage, pathways and buildings.

Council has Asset Management Systems in place and continues to develop these to ensure sustainable management of its assets into the future.

The following is a summary of activities which have occurred in the Asset Management Section which is provided to Council for information.

3. Data Collection and Maintenance Programs*Roads*

The four-yearly road condition survey and data collection was completed in the first half of 2010. The data has been analysed and modelled to determine a proposed 10 year works program. A report will be presented to Council in the next quarter outlining the predicted condition of the road network over the next ten years, how maintenance of the network can be managed and associated costs based on the modelling.

A three year maintenance and rehabilitation program is being finalised with works commencing in 2011/2012 based on Councils recent budget funding of \$1.45 million for the 2011/2012 year.

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Pathways (including Driveways and Walkways)

A condition survey of 50% of the footpath and driveway network was completed in this financial year and the representative data analysed for both revaluation information and future programming. The remaining 50% of the network, including paths in parks and cycle paths, will be surveyed to update and refine Council asset data in 2011/2012.

A three year indicative program for footpath construction and reconstruction is being finalised based on approved budgets for 2011/2012. In accordance with Councils Footpath Policy letters advising of the intended works will be sent to residents where paths are to be constructed.

Buildings

The condition survey of 26 of Council's 109 buildings was completed in the first half of 2010. The data collected is being used to assist with developing the forward works program and formulating future budget submissions to ensure building and maintenance to appropriate levels.

Stormwater

Approximately three (3) kilometres of Council's underground drainage network was surveyed by CCTV inspection in this quarter. Generally the network was found to be in a good condition with localised defects identified. This has provided valuable information to allow forward works planning for maintenance and renewal of Council's stormwater infrastructure.

4. Revaluation of Assets

A revaluation of assets is required in 2011 as part of legislative requirements. The assets affected include:

- Roads (pavement, kerbs, roundabouts, traffic lights, carparks)
- Stormwater (pits, pipes, open drains)
- Pathways (cyclepaths, footpaths, driveways, walkways)

A review on the effective lives of various asset classes has been completed and presented to Council's Audit Committee. The revaluation of infrastructure assets is underway.

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3. Asset Management Sustainability Review

Work has continued on addressing the recommendations of the Darwin City Council Asset Management Sustainability Review undertaken by Jeff Roorda and Associates (2009). The implementation of the recommendations will ensure Council has measures in place to maintain its approximately \$1 Billion (Replacement Value) of assets and ensure continuous improvement of Council's systems.

Asset Management Steering Committee meetings continue to be held quarterly and progress on the AIM reimplementation and Jeff Roorda and Associates recommendations are provided at these meetings.

Regular reports on the progress of the implementation of the Jeff Roorda recommendations are present to Councils Audit Committee for review and consideration.

4. Training

As part of the National Reform Fund for Asset Management, the Local Government Association of the Northern Territory (LGANT) organised NAMS.PLUS training for all Northern Territory Municipal Councils. The training provided the tools and information for asset management plans to be written, including basic financial modelling, service level review and risk management.

A total of eight Darwin City Council staff across Asset Management, Infrastructure Maintenance and Finance Sections attended the training. These staff members are meeting regularly in order to progress the writing of Council's Asset Management Plans for specific asset classes (ie roads, pathways etc).

The Manager Assets attended the National Local Government Asset Management Conference in May 2011. This two day conference provided valuable insights into National Trends and how other Council's manage their assets, with a particular focus on long term financial planning. The information gained from the training and conference will assist in the writing of Council's Asset Management Plans and the long term forecasting of works, including consideration for capital projects.

FINANCIAL IMPLICATIONS:

All activities are being undertaken within approved budgets.

STRATEGIC PLAN IMPLICATIONS:

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

7 Demonstrate Effective, Open and Responsible Governance

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Outcome

7.1 Effective governance

Key Strategies

7.1.4 Apply a total asset management approach to Council assets

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LEGAL IMPLICATIONS:

Addressing Council's legislative obligations.

ENVIRONMENTAL IMPLICATIONS:

Nil.

PUBLIC RELATIONS IMPLICATIONS:

Positive implications as Council are able to demonstrate responsible stewardship of assets, ensuring that they meet the needs of the community.

COMMUNITY SAFETY IMPLICATIONS:

Positive as asset management practises lead to a long term strategy of providing safe and serviceable community assets.

DELEGATION:

Nil.

CONSULTATION:

Nil.

PROPOSED PUBLIC CONSULTATION PROCESS:

Nil.

APPROPRIATE SIGNAGE

Nil.

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SUBJECT: ASSET MANAGEMENT – JUNE 2011 – QUARTERLY REPORT

RECOMMENDATIONS:

THAT it be a recommendation to Council:-

THAT Report Number 11TS0098 ND:lm entitled Asset Management – June 2011 - Quarterly Report, be received and noted.

NADINE DOUGLAS
MANAGER ASSETS

LUCCIO CERCARELLI
GENERAL MANAGER
INFRASTRUCTURE

Any queries on this report may be directed to Nadine Douglas on 89300417 or
n.douglas@darwin.nt.gov.au

OPEN SECTION

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Environment & Infrastructure Committee Meeting - Monday, 18 July 2011

10 GENERAL BUSINESS

Nil