

**Redland**  
CITY COUNCIL

# **MINUTES**

## **GENERAL MEETING**

**Wednesday 25 August 2010**

**Council Chambers  
1st floor Administration Building  
Bloomfield Street Cleveland. Qld 4163**

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## 1 DECLARATION OF OPENING

The Mayor declared the meeting open at 4.02pm and acknowledged the Quandamooka people, who are the traditional custodians of the land on which Council meets. The Mayor also paid Council's respect to their elders, past and present.

## 2 DEVOTIONAL SEGMENT

Pastor Peter Holmes, Member of the Ministers' Fellowship, led Council in a brief devotional segment.

## 3 RECORD OF ATTENDANCE AND LEAVE OF ABSENCE

### MEMBERS PRESENT:

Cr M Hobson PSM	Mayor
Cr M Elliott	Deputy Mayor and Councillor Division 7
Cr W Boglary	Councillor Division 1 – entered at 4.04pm
Cr C Ogilvie	Councillor Division 2
Cr D Henry	Councillor Division 3
Cr B Townsend	Councillor Division 5
Cr T Bowler	Councillor Division 6
Cr K Reimers	Councillor Division 8
Cr K Williams	Councillor Division 9

### EXECUTIVE LEADERSHIP GROUP:

Mr M Hyde	Acting Chief Executive Officer
Mr N Clarke	General Manager Governance
Mr G Underwood	General Manager Planning & Policy
Mr M Drydale	General Manager Corporate Services
Mrs T Averay	General Manager Development & Community Standards

### MINUTES:

Mrs J Parfitt	Corporate Meetings & Registers Team Leader
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### APOLOGY

An apology was noted for Cr H Murray, Councillor Division 10

### LEAVE

It was noted that leave had been granted for Cr Burns, Councillor Division 4.

## **4 RECEIPT AND CONFIRMATION OF MINUTES**

### **4.1 GENERAL MEETING MINUTES 28 JULY 2010**

Moved by: Cr Elliott  
Seconded by: Cr Townsend

That the minutes of the General Meeting held on 28 July 2010 be confirmed.

CARRIED

## **5 MATTERS OUTSTANDING FROM PREVIOUS GENERAL MEETING MINUTES**

### **5.1 REPORT FROM CHIEF EXECUTIVE OFFICER**

The Chief Executive Officer presented the following items for noting:

#### **5.1.1 TRAFFIC HANDLING – MOUNT COTTON ROAD, CAPALABA**

At the General Meeting on 31 March 2010, Council resolved that a report be presented to a future Planning and Policy Committee meeting to address Council's longer term plan for handling traffic on Mount Cotton Road, Capalaba.

A report addressing this matter will be presented to the October Planning and Policy Committee meeting.

#### **5.1.2 TRAFFIC AND PEDESTRIAN HAZARDS WELLINGTON POINT**

At the General Meeting on 30 June 2010, Council resolved that a report be presented to the Planning and Policy Committee regarding the current status and outlook for implementation of options to address traffic and pedestrian hazards in the Wellington Point business Centre, Main and Birkdale Roads.

A report addressing this matter will be presented to the September Planning and Policy Committee meeting.

## **6 PUBLIC PARTICIPATION**

Nil



## 7 PETITIONS/PRESENTATIONS

### 7.1 PETITION (DIVISION 9) MANAGEMENT OF SAFETY ISSUES – CROTONA ROAD EAST, ALEXANDRA HILLS AND CROTONA ROAD, CAPALABA

Moved by: Cr Williams  
Seconded by: Cr Elliott

That the petition, which reads as follows, be received and referred to the Planning & Policy department for investigation and a report back to Council.

*"We the undersigned, request that Council undertake precinct traffic planning to assist with the management of safety issues at running and dangerous intersections along and around Crotona Road East, Alexandra Hills and Crotona Road, Capalaba."*

CARRIED

## 8 MOTIONS TO ALTER THE ORDER OF BUSINESS

### 8.1 MOTION REGARDING PREVIOUS ITEM 10.2.2 OF AGENDA

Moved by: Cr Townsend  
Seconded by: Cr Elliott

That item 10.2.2 *On-site Sewerage Monitoring Program* (as listed on the agenda) be discussed in closed session and dealt with as item 17.1.1.

CARRIED

### 8.2 MOTION REGARDING PREVIOUS ITEM 13.4.1 OF AGENDA

Moved by: Cr Ogilvie  
Seconded by: Cr Williams

That item 13.4.1 *Corporate Services Departmental Structure* (as listed on the agenda) be discussed in closed session and dealt with as item 17.2.1.

CARRIED

### 8.3 MOTION TO ACCEPT LATE ITEM – DELEGATION TO CHIEF EXECUTIVE OFFICER

Moved by: Cr Ogilvie  
Seconded by: Cr Elliott

That a late item – *Delegation to Chief Executive Officer* - be received and discussed as the first item of business (10.1.1).

CARRIED

## 9 MATERIAL PERSONAL INTEREST AND CONFLICT OF INTEREST

### 9.1 CONFLICT OF INTEREST

- Item 14.2.5 - *Sponsorship Application – 2011 Australia Day Family Concert*

Crs Boglary, Hobson, Ogilvie and Williams declared a conflict of interest in this item – see item for details.

## 10 DIRECT TO COUNCIL REPORT

### 10.1 CORPORATE SERVICES

#### 10.1.1 DELEGATION TO CHIEF EXECUTIVE OFFICER

**Datworks Filename:** GOV Delegations – Council Officers  
**Responsible Officer Name:** Brian Lewis  
Manager Corporate Acquisitions Fleet & Facilities  
**Author Name:** Merv Elliott  
Property Services Manager

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#### EXECUTIVE SUMMARY

The Property Services Unit of the Corporate Acquisitions Fleet & Facilities Group have been accepting responsibility for signing off on various documents and approvals without sufficient clarity regarding the formal delegation to do so.

A situation has arisen recently where an approval has been granted at officer level for LinkWater to enter and construct urgent works on a water main at Redland Bay that is being transferred to them under the Statutory Water Grid legislation. This approval was granted without formal Council approval or delegation as construction was required urgently. Another request from a property owner to access their property by crossing over Council land has been received. This report addresses these issues as well as other potential property delegation issues that arise frequently.

#### PURPOSE

The purpose of this report is to seek Council approval to obtain the necessary delegations.

#### BACKGROUND

Under the provisions of the *Local Government Act* s.257 Delegation of Local Government Powers, the CEO is required to obtain formal delegation from Council to effectively and efficiently carry out duties in respect to various applications and approvals.

At the present time, formalisation of these various delegations are channelled through the Office of the CEO or dealt with at officer level.

To ensure compliance with the *Local Government Act*, approval is being sought to delegate authority to the CEO or his/her delegate to execute various documents.

## ISSUES

Listed below are applications and approvals where delegated authority is required in order for the CEO or his/her delegate to be able to execute on behalf of Council:

- a. Permits To Occupy or licences over Council land where the term is less than 3 year (subject to Department of Environment & Resource Management or Ministerial Exemption where necessary);
- b. Authority to sign as owner on applications for Liquor Licence for community and sporting groups who hold leases over Council land to allow lessee to LODGE an application. Note this is not an approval to the application which would still need to be approved by the Liquor Licensing Commission;
- c. Authority to sign as owner on development applications for community and sporting groups who hold leases over Council land to allow lessee to LODGE an application. Note this is not an approval to the application which would still need to be approved by Council or under delegated authority;
- d. Authority to sign as owner on development applications where Council land is included in the application including applications from developers for the use of Council land such as an Access Restriction Strip required to be dedicated to New Road as part of the development approval to allow applicant to LODGE an application. Note this is not an approval to the application which would still need to be approved by Council or under delegated authority;
- e. Authority to sign Notice Of Intention To Resume and Notice of Resumption following approval by Council of first and second stages of the resumption process;
- f. Authority to sign letters of approval to use Council land. This will only be granted following approval by relevant General Manager;
- g. General correspondence of a minor nature dealing with Council land or land enquiries.

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's strategic priority:

"An Efficient and Effective Organisation":

- 9.8: Work 'smarter' across departments, in multi-disciplinary teams to achieve continuous improvement and effective co-ordination.

## FINANCIAL IMPLICATIONS

None identified.

## CONSULTATION

Property Services Manager has consulted with General Manager Corporate Services, Manager Corporate Acquisitions Fleet & Facilities and General Manager Governance.

**OPTIONS****PREFERRED**

That Council resolve as follows:

1. To delegate authority to the Chief Executive Officer or his/her delegate to execute on behalf of Council the following documents:
  - a. Authority to sign as owner on Permits To Occupy or licences over Council land where the term is less than 3 years (subject to Department of Environment & Resource Management or Ministerial Exemption where necessary);
  - b. Authority to sign as owner on applications for Liquor Licence for community and sporting groups who hold leases over Council land;
  - c. Authority to sign as owner on development applications for community and sporting groups who hold leases over Council land;
  - d. Authority to sign as owner on development applications where Council land is included in the application including applications from developers for the use of Council land such as an Access Restriction Strip required to be dedicated to New Road as part of the development approval;
  - e. Authority to sign Notice Of Intention To Resume and Notice of Resumption following approval by Council of first and second stages of the resumption process;
  - f. Authority to sign letters of approval to use Council land;
  - g. Authority to sign general correspondence of a minor nature dealing with Council land or land enquiries.

**ALTERNATIVE****NOT PREFERRED**

That Council resolve as follows:

1. To delegate only to the Chief Executive Officer authority to execute on behalf of Council the following documents:
    - a. Authority to sign as owner on Permits To Occupy or licences over Council land where the term is less than 3 years (subject to Department of Environment & Resource Management or Ministerial Exemption where necessary);
    - b. Authority to sign as owner on applications for Liquor Licence for community and sporting groups who hold leases over Council land;
    - c. Authority to sign as owner on development applications for community and sporting groups who hold leases over Council land;
    - d. Authority to sign as owner on development applications where Council land is included in the application including applications from developers for the use of Council land such as an Access Restriction Strip required to be dedicated to New Road as part of the development approval;
    - e. Authority to sign Notice Of Intention To Resume and Notice of Resumption following approval by Council of first and second stages of the resumption process;
-

- f. Authority to sign letters of approval to use Council land;
- g. Authority to sign general correspondence of a minor nature dealing with Council land or land enquiries.

**OFFICER'S RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Reimers

**That Council resolve as follows:**

1. **To delegate authority to the Chief Executive Officer or his/her delegate to execute on behalf of Council the following documents:**
  - a. **Authority to sign as owner on Permits To Occupy or licences over Council land where the term is less than 3 years (subject to Department of Environment & Resource Management or Ministerial Exemption where necessary);**
  - b. **Authority to sign as owner on applications for Liquor Licence for community and sporting groups who hold leases over Council land;**
  - c. **Authority to sign as owner on development applications for community and sporting groups who hold leases over Council land;**
  - d. **Authority to sign as owner on development applications where Council land is included in the application including applications from developers for the use of Council land such as an Access Restriction Strip required to be dedicated to New Road as part of the development approval;**
  - e. **Authority to sign Notice Of Intention To Resume and Notice of Resumption following approval by Council of first and second stages of the resumption process;**
  - f. **Authority to sign letters of approval to use Council land; and**
  - g. **Authority to sign general correspondence of a minor nature dealing with Council land or land enquiries.**

**CARRIED**

**11 DEVELOPMENT & COMMUNITY STANDARDS****11.1 DEVELOPMENT & COMMUNITY STANDARDS COMMITTEE 3/8/2010**[Development & Community Standards Committee Minutes 3/8/2010](#)

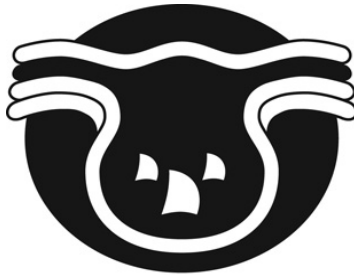
The Development & Community Standards Committee resolutions of 3 August 2010 are presented to Council for noting.

**COUNCIL RESOLUTION**

Moved by: Cr Townsend  
Seconded by: Cr Henry

**That the Development & Community Standards Committee Minutes of 3 August 2010 be received and resolutions noted.**

**CARRIED**



**Redland**  
CITY COUNCIL

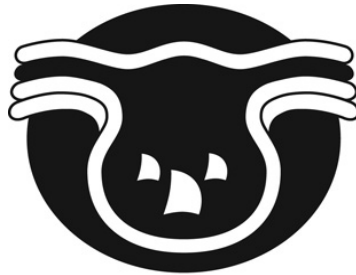
# **MINUTES**

## **DEVELOPMENT & COMMUNITY STANDARDS COMMITTEE MEETING**

**Tuesday 03 August 2010**

**Council Chambers  
1st floor Administration Building  
Bloomfield Street Cleveland. Qld 4163**





**Redland**  
CITY COUNCIL

# MINUTES

## DEVELOPMENT & COMMUNITY STANDARDS COMMITTEE MEETING

**Tuesday 17 August 2010**

**Council Chambers  
1st floor Administration Building  
Bloomfield Street Cleveland. Qld 4163**

RECOMMENDATIONS SUBJECT TO ADOPTION BY GENERAL MEETING





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RECOMMENDATIONS SUBJECT TO ADOPTION BY GENERAL MEETING

Council, at its meeting on 24 February 2010, resolved as follows:

1. To delegate to the Development and Community Standards Committee the power to:-
  - a. Decide development applications under the Sustainable Planning Act 2009 and the Integrated Planning Act 1997; and
2. Provide instructions to legal counsel for appeal matters actioned under Chapter 6 of the Sustainable Planning Act 2009 and Chapter 4 of the Integrated Planning Act 1997, subject to the condition that where the Committee Chairperson is required to use his/her casting vote, the Mayor (and Deputy Mayor in his/her absence), preside over the meeting and be permitted to use his/her casting vote as Chair to determine the matter.

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## DECLARATION OF OPENING

Cr Townsend declared the meeting open at 10.05am

## RECORD OF ATTENDANCE AND LEAVE OF ABSENCE

### Committee Membership:

Cr B Townsend	Chair and Councillor Division 5
Cr M Hobson PSM	Mayor
Cr W Boglary	Councillor Division 1
Cr C Ogilvie	Councillor Division 2
Cr D Henry	Councillor Division 3
Cr T Bowler	Councillor Division 6
Cr M Elliott	Deputy Mayor and Councillor Division 7
Cr K Reimers	Councillor Division 8
Cr H Murray	Councillor Division 10

### Committee Manager:

Mrs T Averay	General Manager Development & Community Standards
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### Officers

Mr B Macnee	Group Manager Sustainable Assessment
Mr W Dawson	Manager Land Use Planning
Mrs J Saunders	Senior Planner Project Manager Development Assessment
Mr B May	Group Manager Building & Plumbing Services

### Minutes:

Mrs J Parfitt	Corporate Meetings & Registers Team Leader
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## LEAVE OF ABSENCE

Moved by:	Cr Reimers
Seconded by:	Cr Elliott

That leave of absence be granted for Cr Williams as she is attending the 2010 Australian Regional Tourism Convention

CARRIED

## LEAVE

It was noted that leave had been granted for Cr J Burns, Councillor Division 4

**RECEIPT AND CONFIRMATION OF MINUTES**

Moved by: Cr Elliott  
Seconded by: Cr Hobson

That the minutes of the Development & Community Standards Committee meeting of 03 August 2010 to be confirmed.

CARRIED

**PUBLIC PARTICIPATION AT MEETING**

Nil

**MATERIAL PERSONAL INTEREST AND CONFLICT OF INTEREST**

Nil

**MOTION TO ALTER THE ORDER OF BUSINESS**

Moved by: Cr Elliott  
Seconded by: Cr Reimers

That a Late Item (*Valencia Springs Estate – Collins Street/Serpentine Creek Road/Donald Road/Torquay Road Intersection Upgrade*) be received and discussed as Item1.5.

CARRIED

Cr Boglary left the meeting at 11.23am during closed session.  
Cr Elliott left the meeting at 11.35am during closed session.

## 1 DEVELOPMENT & COMMUNITY STANDARDS

### 1.1 AMENDMENTS TO FEES AND CHARGES SCHEDULE 2010/2011

**Dataworks Filename:** FEES AND CHARGES

**Attachment:** [Amendments to Current Fees and Charges Schedule](#)  
[Proposed Additions to Current Fees and Charges Schedule](#)

**Responsible Officer Name:** Toni Averay  
General Manager Development & Community Standards

**Author Name:** Tricia Bell  
Group Manager Business and Performance

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#### EXECUTIVE SUMMARY

Council adopted the 2010/2011 Fees and Charges Schedule at its Special Meeting of 25 June 2010.

A number of minor errors, omissions and clarifications have been identified in the Development and Community Standards Fees and Charges Schedule which need to be corrected. Accordingly, this report seeks approval for the 2010/2011 Fees and Charges Schedule to be amended to reflect these changes. These amendments are detailed in Attachment 1.

A number of new fees are also proposed for inclusion in the Development and Community Standards Fees and Charges Schedule. These new fees were inadvertently omitted from Council's 2010/2011 Fee Schedule. Accordingly, this report seeks approval for the 2010/2011 Fees and Charges Schedule to be amended to reflect these changes. These amendments are details in Attachment 2.

#### PURPOSE

The purpose of this report is to seek Council approval to amend the 2010/2011 Fees and Charges Schedule as detailed in Attachments 1 and 2.

#### BACKGROUND

Following Council's adoption of the 2010/2011 Fees and Charges Schedule, a number of items were identified as requiring amendment and/or clarification in the schedule. A significant number of these relate to the use of Council's Proclaim property management system and highlighted the need to amend those Development and Community Standards fees and charges which contain a GST component. The current approved fees require an officer to manually adjust each fee as it is entered into the system. The minor amendments proposed will allow the Proclaim system to automatically calculate each fee and negate the use of dedicated resources to undertake this task.

Further, a number of minor errors and omissions have been identified since Council's adoption of the 2010/2011 Fees and Charges Schedule. These are outlined below.

#### AMENDMENTS TO CURRENT FEES AND CHARGES SCHEDULE

The relevant corrections have been identified in the attached table titled Amendments to Current Fees and Charges Schedule (Attachment 1). These amendments reflect a

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number of errors or omissions in the original schedule. The document also reflects some areas where fees need clarification. This clarification has been identified following consultation with Department officers, internal referral areas and stakeholders. An explanation relevant to each proposed amendment is listed in the 'comments' section of the document.

#### **PROPOSED ADDITIONS TO CURRENT FEES AND CHARGES SCHEDULE**

A number of new fees have been identified as omissions from the original Fees and Charges Schedule. These additions are listed in the attached table titled Proposed Additions to Current Fees and Charges Schedule (Attachment 2). These additions are listed below.

- Tree Planting Contributions (Street Trees) 25 litre bag size - \$130.00;
- Tree Planting Contributions (Street Trees) 100 litre bag size - \$360.00; and
- Search Cancellation Fee – Per Application - \$25.00.

#### **ISSUES**

The adoption of the proposed amendments to the 2010/2011 Fees and Charges Schedule will ensure clarity for Council's customers and reinforce the Department's commitment to customer service.

#### **RELATIONSHIP TO CORPORATE PLAN**

Implement long term asset management planning that supports innovation and sustainability of service delivery, taking into account the community's aspirations and capacity to pay for desired service levels.

#### **FINANCIAL IMPLICATIONS**

Overall, there is a negligible impact on the Department's budget bottom line. The proposed changes are detailed in the attached documents:

- Amendments to Current Fees and Charges Schedule (Attachment 1)
- Proposed Additions to Current Fees and Charges Schedule (Attachment 2)

#### **PLANNING SCHEME IMPLICATIONS**

There are no implications for the Redlands Planning Scheme.

#### **CONSULTATION**

All areas of the Development and Community Standards Department were consulted, in particular:

- Group Manager Sustainable Assessment
- Group Manager Community Standards
- Group Manager Building and Plumbing Services

Additionally, advice and comments were sought from the Budget and Management Reporting Officer in Council's Financial Services Group.



**OFFICER'S/COMMITTEE RECOMMENDATION**

Moved by: Cr Elliott  
Seconded by: Cr Ogilvie

**That Council resolve that the proposed changes to the 2010/2011 Development and Community Standards Fees and Charges Schedule, as detailed in the attachments, be approved and become effective from 25 August 2010.**

**CARRIED**

RECOMMENDATIONS SUBJECT TO ADOPTION BY GENERAL MEETING

## 1.2 CATEGORY 1 - MINOR COMPLYING CODE ASSESSMENT & HOUSEKEEPING (BUILDING AND PLUMBING)

**Dataworks Filename:** GOV-DAC Delegated Items  
**Responsible Officer Name:** Bruce Macnee  
Group Manager, Sustainable Assessment  
**Author Name:** Anne-Maree Sankey  
Administration Officer, Sustainable Assessment

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### EXECUTIVE SUMMARY

At the General Meeting of 15 May 2002, Council resolved that development assessments be classified into the following four Categories:

- Category 1 – Minor Complying Code Assessments & Housekeeping (Building & Plumbing);
- Category 2 – Complying Code Assessments & Minor Impact Assessments;
- Category 3 – Moderately Complex Code & Impact Assessments;
- Category 4 – Major and Significant Assessments.

A total of 84 Building and Plumbing Applications were dealt with during the period 19 July, 2010 to 30 July, 2010.

The applications detailed in this report have been assessed under Category 1 criteria - defined as complying, policy based Code Assessment, general housekeeping matters and other applications of a minor nature.

### PURPOSE

The purpose of this report is for Council to note that the following applications were dealt with under delegated authority – Category 1 – Minor Complying Code Assessments and Housekeeping.

1. Development application for building works approval assessed against the Redlands Planning Scheme for domestic additions at 38-40 Buckland Street, Wellington Point. The Certifier Pty Ltd. (BW001166)
2. Development application for building works approval assessed against the Redlands Planning Scheme for domestic additions at 26 Paranka Drive North, Cleveland. Harbour Building Design Pty Ltd. (BW001177)
3. Development application for building works approval assessed against the Redlands Planning Scheme for domestic outbuilding (shed) at 1 Title Street, Alexandra Hills. Mr Z Newton. (BW001188)
4. Development application for building works approval assessed against the Redlands Planning Scheme for domestic outbuilding (shed) at 73 Mary Pleasant Drive, Birkdale. DBR Building Certification. (BW001179)
5. Development application for building works approval assessed against the Redlands Planning Scheme for domestic outbuildings (shed & carport) at 93 Finucane Road, Alex Hills. Sandee Enterprises Pty Ltd. (BW001180)
6. Application to change the approval to construct a dwelling house at 12 Wentworth Parade, Russell Island. Ms M E Cleary. (MC011513)

7. Application to change the approval to construct a dwelling house at 47 Shore Street, Russell Island. Ms V L Rance. (MC011090)

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Ogilvie

**That the report be noted.**

**CARRIED**

RECOMMENDATIONS SUBJECT TO ADOPTION BY GENERAL MEETING

### 1.3 CATEGORY 2 - COMPLYING CODE ASSESSMENT AND MINOR ASSESSMENTS

**Dataworks Filename:** GOV-DAC Delegated Items  
**Responsible Officer Name:** Bruce Macnee  
Group Manager, Sustainable Assessment  
**Author Name:** Anne-Maree Sankey  
Administration Officer, Sustainable Assessment

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#### EXECUTIVE SUMMARY

At the General Meeting of 15 May 2002, Council resolved that development assessments be classified into the following four Categories:

Category 1 – Minor Complying Code Assessments & Housekeeping;  
Category 2 – Complying Code Assessments & Minor Impact Assessments;  
Category 3 – Moderately Complex Code & Impact Assessments; and  
Category 4 – Major and Significant Assessments.

The applications detailed in this report have been assessed under Category 2 criteria - defined as follows:

- Complying small scale types of Code Assessable applications without submission of public objection (i.e. not being adverse submissions); and
- Includes a number of process-related delegations, operational works applications and all other delegations not otherwise listed. [\[Category 2 Report\]](#)

#### PURPOSE

The purpose of this report is for Council to note that the following applications were dealt with under delegated authority – Category 2 – Complying Code Assessments and Minor Impact Assessments.

1. Development application for a material change of use for a dwelling house at 38 Taffeta Drive, Mount Cotton. Stuart Building Certification. (MC012208)
2. Development application for a material change of use for a dwelling house at 13 Double Jump Road, Redland Bay. The Certifier Pty Ltd. (MC012156)
3. Development application for a material change of use for a dwelling house at 59 (Lot 8) Laurel Street, Russell Island. Mr R Robazza. (MC012133)
4. Development application for a material change of use for a dwelling house at 59 (Lot 9) Laurel Street, Russell Island. Mr R Robazza. (MC012134)
5. Development application for a material change of use for a dwelling house at 2 Natone Terrace, Macleay Island. Mr S Cameron and Mrs D Cameron. (MC012184)
6. Development application for a material change of use for a small lot house at 4 Fulbeck Place, Wellington Point. Sutgold Pty Ltd. (MC012228)
7. Development application for a material change of use for a small lot house at 3 Fulbeck Place, Wellington Point. Sutgold Pty Ltd. (MC012229)
8. Development application for a material change of use for a small lot house at 5 Spink Street, Wellington Point. Sutgold Pty Ltd. (MC012189)

9. Development application for a material change of use for a small lot house at 41 Compass Court, Cleveland. Bartley Burns Certifiers and Planners. (MC012175)
10. Application to change and existing development approval for a small lot house at 72-74 Cane Street, Redland Bay. Mr B Bastarti and Mrs M Bastardi. (MC012063)
11. Application to extend the currency period of an existing development approval for reconfiguration at 40-54A (Lot 300) Ziegenfusz Road, Thornlands. Jensen Bowers Group. (SB 004574.5)
12. Application to extend the currency period of an existing development approval for reconfiguration at 40-54A (Lot 400) Ziegenfusz Road, Thornlands. Jensen Bowers Group. (SB 004574.7)
13. Application for a negotiated decision to vary an existing development approval for general industry, Clock Manufacture/Repair Cabinet Making at 175-183 Duncan Road, Sheldon. Mr K Tulk, Mr R Keppell. (MC011573)
14. Development application for a material change of use to operate a home business (Natural Therapy) at 20 Turner Crescent, Wellington Point. Mrs V Sumner. (MC012128)
15. Development application for reconfiguration of lots (1 into 2) at 68 Lawn Terrace, Capalaba. Metroinspect. (SB005464)
16. Development application for building works approval assessed against the Redlands Planning Scheme for a domestic outbuilding (shed) at 115-129 Gramzow Road, Mount Cotton. Mr J Driussi. (BW001189)
17. Development application for a material change of use to operate a home business (food preparation business) at 217-219 Fitzroy Street, Cleveland. Leonie Catering Food Services. (MC012182)
18. Development application for reconfiguration of lots at 16-24 Weippin Street, Cleveland. Bayside Business Park (Cleveland) Pty Ltd As Trustee. (SB005473)

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Reimers

**That the report be noted.**

**CARRIED**

**1.4 CURRENT APPEALS LIST AS AT 30 JULY 2010****Datworks Filename: GOV-DAC Appeals List****Responsible Officer Name: Bruce Macnee  
Group Manager, Sustainable Assessment****Author Name: Anne-Maree Sankey  
Administration Officer, Sustainable Assessment****EXECUTIVE SUMMARY**

	<b>File No.</b>	<b>Applicant</b>	<b>Application Details</b>	<b>Hearing Date</b>	<b>Appeal Details</b>
1. WD	SB351901 Appeal 2884 of 1998.	Sabdoen Pty Ltd Point O'Halloran Road, Victoria Point.	Claim against zoning amendment.	Matter adjourned to date to be fixed.	Compensation
2. MR	MC009414 Appeal 1167 of 2007. Received April 2007.	AJ & CL Dowley -v- RSC, 20 Emerson Street, Russell Island.	Application for dwelling house on Residential A lot.	Adjourned to 30 September 2010 for Further Review.	Applicant appeal against Condition 1 of Negotiated Decision.
3. AV	SB005137 Appeal 1034 of 2008. Received April 2008.	Harridan P/L -v- RCC. 46-48 Muller Street, Redland Bay.	Application for MCU and reconfiguration into 62 allotments.	Set down for Hearing November 2010 pool (3 days).	Applicant Appeal against preliminary approval.
4. JS	MC010498 Appeal 1740 of 2008. Received July 2008.	KCY Investments (No 2) P/L -v- RCC 7 Samarinda Drive, Point Lookout.	Application for dwelling house.	Adjourned to date to be fixed.	Applicant appeal against refusal.
5. AV	SB004758.1A SB004758.1B MC007588 Appeal 1880 of 2008. Received July 2008.	Heritage Properties P/L & Ausbuild P/L - v- RCC 268, 278, 296, 310, 332 & 344 Cleveland-Redland Bay Road, Thornlands.	Application for MCU (residential development) and reconfiguration into 34 lots (1A) and 25 lots (1B).	Adjourned for Further Review 6 August 2010. Set down for Hearing September 2010 pool.	Applicant appeal against deemed refusal.

	File No.	Applicant	Application Details	Hearing Date	Appeal Details
6. JS	MC010968 Appeal 2627 of 2008.	Queensland Construction Materials P/L -v- RCC & Ors:  Various Sites on North Stradbroke Island.	Application for Material Change Of Use for Extractive Industry (Removal and Transportation of Sand Tailings) and Environmentally Relevant Activity 20 (Extracting Rock or Other Material).	Preliminary Points Judgment handed down 29 September 2009. Adjourned for Further Review to 9 September 2010.	Applicant Appeal against refusal
	MC010968 Supreme Court Appeal 12616 of 2009. Received November 2009.	Birkdale Progress Association, FOSI, SIMO, Wildlife Preservation Society & Ors -v- Qld Construction Materials P/L	Application for Leave to Appeal the PE Court Preliminary Point Judgment 29 September 2009	Preliminary Point Hearing held 26 March 2010, awaiting judgment.	Submitter Application against PE Court Judgment
7. JS	MC009566 Appeal 3220 of 2008 Received December 2008.	Slade P/L, PJ Laing & J Laing -v- RCC 14-20 Gordon Road, Redland Bay.	Application for Development Permit (Material Change of Use) for residential purposes	Listed for Review 2 August 2010.	Applicant Appeal against refusal.
8. GS	MC011268 Appeal 245 of 2009. Received February 2009.	Sutgold Pty Ltd -v- RCC. 97 Main Street, Redland Bay.	Application for dwelling house on land zoned part Urban Residential/part Open Space.	Notice of Discontinuance of Appeal filed 26 July 2010.	Applicant Appeal against refusal.
9. AV	SB005347 Appeal 1016 of 2009. Received April 2009.	BMD Properties Pty Ltd -v- RCC 18 Mainsail Street, Birkdale.	Application for reconfiguration into 10 lots.	Listed for Review 3 August 2010.	Applicant Appeal against refusal.
10. AV	MC008405 Appeal 1302 of 2009. Received May 2009.	Ausbuild Projects Pty Ltd -v- RCC 104 Kinross Road, Thornlands	Application for rezoning to Residential for reconfiguration into 107 lots.	Adjourned for Further Review 14 October 2010. Set down for Hearing November 2010 pool.	Applicant Appeal against refusal.

	File No.	Applicant	Application Details	Hearing Date	Appeal Details
11. AV	MC008305 Appeal 1303 of 2009. Received May 2009.	PEET Thornlands Pty Ltd –v- RCC 89-101 Kinross Road, Thornlands	Application for rezoning to Residential for reconfiguration into 102 lots.	Adjourned for Further Review 14 October 2010. Set down for Hearing November 2010 pool.	Applicant Appeal against refusal.
12. AW	MC010645 Appeal 1615 of 2009. Received June 2009.	HJ & HM Harrison – v- RCC 68-80 Kinross Road, Thornlands.	Application for temporary vehicle depot.	Notice of Discontinuanc e of Appeal filed 26 July 2010.	Applicant Appeal against refusal.
13. AW	MC010715 Appeal 1963 of 2009 Received July 2009.	JT George Nominees P/L –v- RCC Cnr Taylor Rd & Woodlands Dve, Thornlands.	Application for preliminary approval for MCU for neighbourhood centre, open space and residential uses (pursuant to a concept master plan).	No date set.	Applicant Appeal against refusal.
14. AW	MC009598 Appeal 2271 of 2009. Received August 2009.	J G Clissold as Trustee –v- RCC 11-15 Nicholas Street, Russell Island	Application for Child Care Centre.	Adjourned for Further Review 26 August 2010.	Applicant Appeal against refusal.
15. AW	MC011579 Appeal 2345 of 2009. Received August 2009.	S Maller & Y Allayban –v- RCC 9 Piccaninny Street, Macleay Island	Application for Dwelling House.	Listed for Review 4 August 2010.	Applicant Appeal against refusal.
16. AW	MC011745 Appeal 3296 of 2009. Received November 2009.	S Mergler –v- RCC 106 Beelong Street, Macleay Island	Application for Dwelling House.	Listed for Review 12 August 2010.	Applicant Appeal against conditions of approval.
17. AW	MC010225 Appeal 3391 of 2009. Received December 2009.	M Parsons –v- RCC 65 Coondooropa Drive, Macleay Island	Application for Dwelling House.	Adjourned for Further Review 26 August 2010.	Applicant Appeal against conditions of approval.
18. JS	MC011322 Appeal 3566 of 2009. Received December 2009.	Casagrande Investments Pty Ltd –v- RCC 537-547 Redland Bay Road, Victoria Point	Application for Multiple Dwelling (13 units)	Hearing adjourned to 13 August 2010.	Applicant Appeal against refusal.



	File No.	Applicant	Application Details	Hearing Date	Appeal Details
19. JS	MC009585 Appeal 290 of 2010. Received January 2010.	HIB Investments P/L -v- RCC 2-6 School of Arts Rd, Redland Bay	Application for mixed use development (shops, showroom class A, refreshment establishment)	No date set.	Application Appeal against refusal.
20. JS	MC011141 Appeal 1052 of 2010. Received April 2010.	Florina Pty Ltd -v- RCC 241-259 Boundary Road, Thornlands	Application for development permit to extend existing flower farm.	No date set.	Applicant Appeal against conditions of approval.
21. JS	MC010624 Appeal 2675 of 2009. Received September 2009.	L M Wigan -v- RCC 84-122 Taylor Road, Thornlands	Application (superseded planning scheme) for development permit for MCU for residential development (Res A & Res B).	Notice of Repeal of Ministerial Call-in of Development Application received 18 May 2010. Appeal returned to Planning & Environment Court. No date set.	Applicant Appeal against refusal.
22. JS	MC011076 Appeal 1801 of 2010. Received June 2010.	B J McFadden -v- RCC 82-84 Beveridge Road, Thornlands	Application for development permit for MCU to establish indoor recreation centre (boxing training facility)	No date set.	Applicant Appeal against conditions of approval.

Information on appeals may be found as follows:

### 1) Planning and Environment Court

- a. Information on current appeals and declarations with the Planning and Environment Court involving Redland City Council can be found at the District Court web site using the "Search civil files (eCourts) Party Search" service:  
<http://www.courts.qld.gov.au/esearching/party.asp>
- b. Judgements of the Planning and Environment Court can be viewed via the Supreme Court of Queensland Library web site under the Planning and Environment Court link:  
<http://www.sclqld.org.au/qjudgment/>

### 2) Redland City Council

The lodgement of an appeal is acknowledged with the Application details on the Councils "Planning and Development On Line - Development - Application Inquiry" site. Some Appeal documents will also be available (note: legal privilege applies to some documents). All judgements and settlements will be reflected in the Council Decision Notice documents:

<http://www.redland.qld.gov.au/Planning/Pages/default.aspx>

**3) Department of Infrastructure and Planning (DIP)**

The DIP provides a Database of Appeals (<http://services.dip.qld.gov.au/appeals/>) that may be searched for past appeals and declarations heard by the Planning and Environment Court.

The database contains:

- A consolidated list of all appeals and declarations lodged in the Planning and Environment Courts across Queensland of which the Chief Executive has been notified.
- Information about the appeal or declaration, including the appeal number, name and year, the site address and local government.

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Boglary

**That the report be noted.**

**CARRIED**

RECOMMENDATIONS SUBJECT TO ADOPTION BY GENERAL MEETING

**1.5 VALENCIA SPRINGS ESTATE - COLLINS STREET/SERPENTINE CREEK ROAD/DONALD ROAD/TORQUAY ROAD INTERSECTION UPGRADE**

**Datworks Filename:** RTT: Roads  
SB004782.6B

**Attachments:** [Attachment 1 - Decision Notice Sb004782.6a](#)

**Responsible Officer Name:** David Elliott  
Manager Infrastructure Planning

**Author Name:** Matthew Specht  
Advisor Road Planning

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**EXECUTIVE SUMMARY**

Funds have been set aside in Council's 10 year capital program to fund the construction of traffic signals at Collins Street/Serpentine Creek Road/Donald Road/Torquay Road intersection in 2011/12.

In the negotiated decision notice for Valencia Springs Estate Stage 6B (SB004782.6A) (refer to attachment) condition 5.1 requires the developer to construct the signalised intersection with the cost offset against payment of the Transport Infrastructure Contributions.

Investigation by Council's Infrastructure Planning Group has identified upgrading to a single lane roundabout is a more functional upgrade for managing long term traffic movement in this area.

**PURPOSE**

The purpose of this report is to seek approval;

*To remove the Condition of development 5.1 of Valencia Springs Estate Stage 6B (SB004782.6A), requiring the developer to construct a traffic signals at the intersection of Collins Street/Serpentine Creek Road/Donald Road/Torquay Road, Redland Bay.*

**BACKGROUND**

Development Condition 5.1 for construction of Valencia Springs Estate Stage 6B (SB004782.6A) requires the construction of traffic signals at Collins Street/Serpentine Ck Road/Donald Road/Torquay Road intersection as set out in the Redland Bay Development Control Precinct (DCP). The works are creditable under this policy.

At a meeting held on 7 July 2010 with the Developer's Engineering Consultant, Brown Consulting and Council, Infrastructure Planning and Development Coordination Units, the potential removal of this condition was discussed. Full payment of a contribution under Council's Transport Infrastructure Policy would satisfy the developer's responsibilities in this respect. The developer's representative had no objection.

**ISSUES**

The existing Collins Street/Torquay Road intersection layout is considered to be unsatisfactory, has been the subject of numerous complaints and is in need of short term upgrade. Investigation by Infrastructure Planning has, based on current traffic volumes and expected growth, determined that upgrade of the intersection to a roundabout is a more functional solution for the long term.

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The upgrade of Collins Street to incorporate kerb and channel, central median, bike lanes and footpaths is planned for 20011/12, 2012/13. Design is currently in progress.

The construction of the roundabout at Serpentine Creek/Collins/Torquay is scheduled for 2011/12 to align with the planned Collins Street upgrade, with design in 2010/11.

Although the full upgrade at Collins Street to 4 lanes, based on current traffic growth, is not anticipated within the five [5] year time frame, the upgrade planned in 2011/12 will be undertaken so as to readily facilitate the ultimate layout.

### **RELATIONSHIP TO CORPORATE PLAN**

Outcome 5 – Wise planning and design

5.12 Plan, provide and advocate for essential physical and social infrastructure that supports community well-being and manage Council's existing infrastructure assets to ensure current service standards are maintained or improved

### **FINANCIAL IMPLICATIONS**

Funds set aside in Council's 10 year capital program to contribute towards construction of the ultimate signalised intersection in 2011/12 are anticipated to cover the cost of the roundabout.

### **PLANNING SCHEME IMPLICATIONS**

There are no Planning Scheme implications.

### **CONSULTATION**

Consultation has taken place with the Development Coordination Unit and the developer.

### **OPTIONS**

#### **PREFERRED**

That Council resolve as follows to advise the applicant for Valencia Springs Stage 6B (SB004782.6B) that their obligations under Condition 5.1 have been deemed to be complied with following full payment of the Transport Infrastructure contribution relevant to the Stage, received 24 June 2010.

#### **ALTERNATIVE**

Nil

### **OFFICER'S RECOMMENDATION/ COMMITTEE RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Elliott

That Committee resolve, under delegated authority, to advise the applicant for Valencia Springs Stage 6B (SB004782.6B) that their obligations under Condition 5.1 have been deemed to be complied with following full payment of the Transport Infrastructure contribution relevant to the Stage, received 24 June 2010.

#### **CARRIED**

Before the close of the meeting, an amendment to the Committee Resolution was put forward to invite the applicant to lodge an application for a change of conditions.

The resolution now reads as follows:

**COMMITTEE RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Hobson

**That Committee, under delegated authority, resolve to:**

- 1. Advise the applicant for Valencia Springs Stage 6B (SB004787.6B) that payment of the Transport Infrastructure Contributions relevant to the Stage is deemed to have satisfied the requirements of Council in relation to condition 5.1; and**
- 2. Invite the applicant to lodge an application for a change of condition.**

**CARRIED**

RECOMMENDATIONS SUBJECT TO ADOPTION BY GENERAL MEETING

## 2 CLOSED SESSION

### MOTION TO CLOSE MEETING

Moved by: Cr Elliott  
Seconded by: Cr Boglary

That the meeting be closed to the public under section 72 (1) of the *Local Government (Operations) Regulation 2010* to discuss the following items:

#### 2.1 **Appeal 3391 of 2009 – Coondooropa Drive, Macleay Island**

The reason that is applicable in this instance is as follows:

*"(f) starting or defending legal proceedings involving it." (Council)*

#### 2.2 **Onsite Sewerage Monitoring Program**

#### 2.3 **Property Assessments on Southern Moreton Bay Islands**

The reason that is applicable in this instance is as follows:

*"(h) other business for which a public discussion would be likely to prejudice the interests of the local government or someone else, or enable a person to gain a financial advantage."*

CARRIED

### MOTION TO REOPEN MEETING

Moved by: Cr Reimers  
Seconded by: Cr Ogilvie

That the meeting be again opened to the public.

CARRIED

#### 2.1 **APPEAL 3391 OF 2009 - COONDOOROOPA DRIVE, MACLEAY ISLAND**

**Dataworks Filename: MC010225**

**Responsible Officer Name: Toni Averay  
General Manager Development & Community  
Standards**

**Author Name: Bruce Macnee  
Manager Sustainable Assessment**

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### EXECUTIVE SUMMARY

A confidential report from Manager Sustainable Assessment dated 5 August 2010 was discussed in closed session.

### COMMITTEE RESOLUTION

Moved by: Cr Ogilvie  
Seconded by: Cr Hobson

**That Committee, under delegated authority, resolve as follows:**

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1. To instruct Council's solicitors to settle the appeal by consent and advise the Appellant that Council agrees to extend the relevant period until 15 July 2014;
2. That Council refund the Appellant's fee of \$597 for the Negotiated Decision application, following the issue of a Consent Order resolving the Appeal;
3. That Council agrees, without prejudice, to bear its own costs in the proceeding; and
4. That this report remain confidential pending the outcome of the appeal.

**CARRIED**

RECOMMENDATIONS SUBJECT TO ADOPTION BY GENERAL MEETING

**2.2 ON-SITE SEWERAGE MONITORING PROGRAM**

**Dataworks Filename:** GOV Committee Reports – Development & Community Standards

**Responsible Officer Name:** Toni Averay  
General Manager Development & Community Standards

**Author Name:** Brian May  
Group Manager Building and Plumbing Services

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**EXECUTIVE SUMMARY**

A confidential report from Group Manager, Building & Plumbing Services dated 12 August 2010 was discussed in closed session.

**COMMITTEE RECOMMENDATION**

Moved by: Cr Hobson  
Seconded by: Cr Ogilvie

**That this item be deferred to the General Meeting scheduled for 25 August 2010.**

**CARRIED**



**2.3 PROPERTY ASSESSMENTS ON SOUTHERN MORETON BAY ISLANDS**

**Datworks Filename:** GOV Committee Reports - Development & Community Standards

**Responsible Officer Name:** Toni Averay  
General Manager Development & Community Standards

**Author Name:** Brian May  
Group Manager Building and Plumbing Services

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**EXECUTIVE SUMMARY**

A confidential report from Group Manager, Building & Plumbing Services dated 12 August 2010 was discussed in closed session.

**COMMITTEE RECOMMENDATION**

Moved by: Cr Hobson  
Seconded by: Cr Bowler

**That the Committee Recommendation be adopted.**

**CARRIED**

**MEETING CLOSURE**

There being no further business, the meeting closed at 11.39am

Signature of Chairperson: \_\_\_\_\_

Confirmation Date: \_\_\_\_\_



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Council, at its meeting on 24 February 2010, resolved as follows:

1. To delegate to the Development and Community Standards Committee the power to:-
  - a. Decide development applications under the Sustainable Planning Act 2009 and the Integrated Planning Act 1997; and
2. Provide instructions to legal counsel for appeal matters actioned under Chapter 6 of the Sustainable Planning Act 2009 and Chapter 4 of the Integrated Planning Act 1997, subject to the condition that where the Committee Chairperson is required to use his/her casting vote, the Mayor (and Deputy Mayor in his/her absence), preside over the meeting and be permitted to use his/her casting vote as Chair to determine the matter.

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## DECLARATION OF OPENING

Cr Townsend declared the meeting open at 10.10am.

## RECORD OF ATTENDANCE AND LEAVE OF ABSENCE

### Committee Membership:

Cr B Townsend	Chair and Councillor Division 5
Cr M Hobson PSM	Mayor
Cr W Boglary	Councillor Division 1
Cr C Ogilvie	Councillor Division 2
Cr D Henry	Councillor Division 3
Cr T Bowler	Councillor Division 6
Cr M Elliott	Deputy Mayor Councillor Division 7
Cr K Reimers	Councillor Division 8
Cr K Williams	Councillor Division 9
Cr H Murray	Councillor Division 10

### Committee Manager:

Mrs T Averay	General Manager Development & Community Standards
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### Officers:

Mr B Macnee	Group Manager Sustainable Assessment
Mr W Dawson	Manager Land Use Planning
Mrs J Saunders	Senior Planner Project Manager Development Assessment
Mr C Vize	Senior Planner Planning Assessment
Mr S Pearson	Development Assessment Officer, Planning Assessment

### Minutes:

Mrs J Parfitt	Corporate Meetings & Registers Team Leader
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## LEAVE OF ABSENCE

Moved by: Cr Elliott  
 Seconded by: Cr Hobson

That leave of absence be granted for Cr J Burns, Councillor Division 4.

CARRIED

**RECEIPT AND CONFIRMATION OF MINUTES**

Moved by: Cr Bowler  
Seconded by: Cr Elliott

That the minutes of the Development & Community Standards Committee meeting of 20 July 2010 be confirmed.

CARRIED

**PUBLIC PARTICIPATION AT MEETING**

Nil

**MATERIAL PERSONAL INTEREST AND CONFLICT OF INTEREST**

Nil

**MOTION TO ALTER THE ORDER OF BUSINESS**

Nil

## 1 DEVELOPMENT & COMMUNITY STANDARDS

### 1.1 REQUEST TO EXTEND RELEVANT PERIOD FOR AN APPROVED PUBLIC UTILITY (WASTEWATER TREATMENT PLANT) AT MOOLOOMBA ROAD, POINT LOOKOUT

**Dataworks Filename:** MC008422  
**Attachment:** [Locality Plan and General Site Layout](#)  
**Responsible Officer Name:** Bruce Macnee  
 Group Manager, Sustainable Assessment  
**Author Name:** Chris Vize  
 Senior Planner, Planning Assessment

#### EXECUTIVE SUMMARY

<b>Application Type</b> <b>Proposed Use</b> <b>Property Description</b>	Extension to Relevant Period Public Utility (Wastewater Treatment Plant) Lot 130 SL 13002 Lot 46 SL 2482 Lot 132 SP 164081 Lot 47 SP 164076 Lot 48 SP 164081
<b>Location</b> <b>Land Area</b>	Mooloomba Road Point Lookout QLD 4183 330.25 ha
<b>Redlands Planning Scheme Zoning</b>	Conservation Conservation (Sub Area CN2) Community Purposes (Sub Areas CP2, CP7 & CP8) Emerging Urban Community Island Industry (Sub Area IS1) Open Space Point Lookout Centre Point Lookout Tourist (Sub Area PT2 & PT7) Point Lookout Residential
<b>Designated Community Infrastructure Overlays</b>	N/A Acid Sulfate Soils Overlay Bushfire Hazard Overlay Flood Prone, Storm Tide and Drainage Constrained Land Overlay Heritage Place and Character Precinct Overlay Landslide Hazard Overlay Water Supply Catchment Overlay
<b>SEQ Regional Plan 2009-2031</b>	Regional Landscape and Rural Production Area
<b>No. of Public Submissions</b>	Nil
<b>Applicant</b>	Redland City Council
<b>Land Owner</b>	Redland City Council As Trustee
<b>Properly Made Date</b>	18/06/2010
<b>Statutory Decision Date</b>	15/07/2010
<b>Application Coordinator</b>	Chris Vize
<b>Assessment Manager - Delegate</b>	Julie Saunders

## **PURPOSE**

This Category 4 application is referred to the Development Assessment Committee for determination.

## **EXECUTIVE SUMMARY**

Council has received a Request to Extend the Relevant Period for an approved Public Utility (Wastewater Treatment Plant) at Mooloomba Road, Point Lookout. The original approval was granted with a four year relevant period, meaning that it is due to expire on or about January 2011. The applicant requests an extension to this relevant period of two and a half years, taking it to June 2013. This request has been assessed and it is recommended that the request be approved.

## **BACKGROUND**

At present the Point Lookout township is only partly seweraged. The seweraged area is treated by the existing sewage plant at the southern end of Tramican Street. The unsewered areas of the township rely upon individual septic tanks for treatment.

Redland Water and Waste (now Allconnex) have a development permit for the construction of new public utilities on North Stradbroke Island. The project involves the upgrade of the current waste water treatment plant (WWTP), the construction of a new WWTP and associated infrastructure including ponds, pipes access roads and a wastewater disposal (irrigation) area. The project is intended to upgrade Point Lookout's existing treatment facilities to meet current standards and to be able to extend reticulated sewerage services to areas which are either unserved or designated for future urban expansion.

The proposed WWTP is to be mainly located on degraded land which has been previously used for sandmining. The new treatment plant will comprise of up to four (4) buildings being an office/control room with staff toilets, a blower room building (possible) a chlorine storage building and a sludge handling building. It will be designed to treat all sewerage flows to the site to a Class A standard of treated effluent.

At the existing WWTP, work will be undertaken to refurbish the existing two effluent ponds and construct a new pond. Selection of disturbed areas such as previously mined land, existing tracks, fire breaks and mine survey lines have been preferred to minimise impacts on the environment.

A decision notice was issued on 3 January 2007 granting a development permit, subject to conditions, for the development.

## **CONSULTATION**

The Planning Assessment Team has consulted with other assessment teams where appropriate. A copy of the request to extend the relevant period was provided to Councillor Craig Ogilvie of Division 2 on 9 July 2010.

### **1.0 PROPOSAL AND SITE DESCRIPTION**

#### **1.1 Proposal**

The applicant requests an extension to this relevant period of two and a half years, taking it to June 2013.



## 1.2 Site

The proposed treatment plant and effluent irrigation areas are to be located about 1.6 kilometres to the south-west of the township off the end of George Nothling Drive. The site mainly comprises sand dune formations overlying rock at various depths. Those parts of the site to be developed have been previously cleared for mining but now are covered in regrowth at various stages as a result of replanting (rehabilitation) and self-seeded growth.

The areas of regrowth, typical of the proposed irrigation area, do not have the diversity of the surrounding areas and are dominated by Black Wattle (*Acacia leiocalyx*), *Banksia serrata* and *Banksia integrifolia*. A variety of native shrubs and ground cover intersperse the larger species. A significant number of exotic weed species such as lantana, pepper tree, and exotic grasses exist especially where higher moisture levels are available. No threatened species were found in the study area by the applicant's botanist (study conducted during original application process in 2004).

## 1.3 Surrounding Area

The land surrounding the proposed site(s) is largely natural or revegetated bushland planted and regenerated after sand mining. The main ocean beach is located about 0.5 kilometres to the east and the southern extent of the township of Point Lookout is approximately 1 kilometre to the north.

## 2.0 APPLICATION ASSESSMENT

### 2.1 Sustainable Planning Act 2009 (SPA)

This application has been made in accordance with Section 383 (Integrated Development Assessment System, IDAS) of the *Sustainable Planning Act 2009* and constitutes a Request to Extend the Relevant Period.

Section 388 of SPA states that, in deciding the request, the assessment manager must only have regard to the following:

- (a) *the consistency of the approval, including its conditions, with the current laws and policies applying to the development, including, for example, the amount and type of infrastructure contributions, or infrastructure charges payable under an infrastructure charges schedule; and*
- (b) *the community's current awareness of the development approval; and*
- (c) *whether, if the request were refused—*
  - (i) *further rights to make a submission may be available for a further development application; and*
  - (ii) *the likely extent to which those rights may be exercised; and*
- (d) *the views of any concurrence agency for the approval given under section 385.*

In relation to point (a), this is discussed in Section 2.2 below; points (b) and (c) are discussed in Section 2.3 below; and point (d) is discussed in Section 2.4 below.

## **2.2 Consistency of Approval with Current Laws and Policies**

### **2.2.1 SEQ Regional Plan 2009-2031**

The subject land is located within the Regional Landscape and Rural Production Area in the SEQ Regional Plan 2009-2031. The approved development is not an urban activity, as defined by the Regional Plan, and therefore not required to be contained within the Urban Footprint.

### **2.2.2 State Planning Policies**

There are no new State Planning Policies that affect this application.

### **2.2.3 State Planning Regulatory Provisions**

There are no State Planning Regulatory Provisions that affect this application. Of note, the site is not within a protected koala assessable development area under the SEQ Koala State Planning Regulatory Provisions.

### **2.2.4 Redlands Planning Scheme**

The original application was assessed against the Superseded Planning Scheme, having regard to the then Draft Redlands Planning Scheme. If the application were re-lodged today, it would be assessed against the current Redlands Planning Scheme (RPS).

Under the RPS, the proposed use would be defined as a 'Minor Utility', involving the collection, storage and treatment of wastewater.

### Zoning

While the subject site is covered by a number of different zones, the specific areas proposed for the new wastewater treatment plant (WWTP) and the new irrigation areas are within the Community Purposes Zone (Sub-Area CP7). A Minor Utility within the Community Purposes Zone is EXEMPT from the RPS.

### Overlays

The area proposed for the new WWTP and irrigation areas is affected by the Bushfire Hazard and Landslide Hazard Overlays. A Minor Utility is subject to Code assessment under both overlays.

The bushfire hazard was considered in the original assessment of the application, and the decision notice includes conditions requiring a Bushfire Management Plan to be prepared and implemented on the site. The condition also requires that the development layout includes escape routes, fuel reduction zones and availability of water for fire fighting purposes.

In relation to the landslide hazard, it is recognised that the WWTP and irrigation areas are located within a previously mined area that has undergone extensive earthwork to reform the land. In addition, it is considered that any additional re-forming of the land can be suitably mitigated through earthwork on the site, without causing a landslide hazard or impacting on adjoining land.

It is considered that the approved development, and its conditions, does not conflict with the RPS.

### **2.2.5 Infrastructure Contributions**

The original application was not subject to infrastructure contributions, and is similarly not subject to contributions under the RPS.

### **2.3 Community Awareness and Potential Submissions**

If a new application was lodged for the Minor Utility, it would be subject to Code Assessment. It would therefore not involve public notification nor attract properly made submissions.

### **2.4 Concurrence Agency Response**

The original application was referred to the Environmental Protection Agency (now Department of Environment and Resource Management – DERM) as a Concurrence Agency. The applicant referred this request to extend the relevant period to DERM, and DERM have advised, via letter dated 25/06/2010, that they have no objection to the request.

### **2.5 Appropriate Timeframe**

The applicant proposes an extension of 2 and a half years to the relevant period. Practice Note PN 01/10 states that for an extension of greater than 2 years, the following assessment parameters apply:

- Only in rare instances;
- Business case required; and
- Cross check on amendment process to ensure policy consistency.

It is highly unlikely that any change to the Redlands Planning Scheme would affect the current proposal, as the use 'Minor Utility' is Exempt in all zones under the current RPS, including the Conservation Zone, which is the zone that provides the highest level of protection under the RPS.

The proposal is subject to the sequencing of reticulation of non-sewered areas in Point Lookout, and has been affected by the State Government's Water Reform process, which has been taking place over the past two years. Redland Water advises that there will be an upcoming tender process. This demonstrates a commitment to the project, but also foreshadows additional time will be needed for the successful tenderer to conduct the detailed design in consultation with Allconnex, and then the lead-in time on construction.

It is considered that an extension of 3 years would be appropriate for the project, as there is a business case for the extension, without being affected by future policy changes under the RPS.

### **3.0 CONCLUSION**

The request to Extend the Relevant Period has been assessed against the applicable provision of the Sustainable Planning Act and the Redlands Planning Scheme as well as Practice Notice PN 01/10, and is considered to comply. Accordingly, it is recommended that the request be approved, and the relevant period be extended by 3 years.

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Williams  
Seconded by: Cr Elliott

That Council, under delegated authority, resolve as follows:

**EXTENSION TO RELEVANT PERIOD**

That the Request to Extend the Relevant Period for a Material Change of Use for a Public Utility (Wastewater Treatment Plant), reference in Council's management system as MC008422, at Mooloomba Road Point Lookout, described as Lot 130 SL 13002, Lot 46 SL 2482, Lot 132 SP 164081, Lot 47 SP 164076 and Lot 48 SP 164081 be approved and the relevant period be extended for an additional three (3) years (giving a total relevant period of 7 years starting the day the approval takes effect).

CARRIED

Before the close of the meeting, an amendment to the Committee Resolution was put forward as follows:

1. That the word 'public' be removed before the word 'Utility'; and
2. That the word 'installation' be added after the word 'Utility'.

The resolution now reads as follows:

**COMMITTEE RESOLUTION**

Moved by: Cr Williams  
Seconded by: Cr Elliott

That Council, under delegated authority, resolve as follows:

**EXTENSION TO RELEVANT PERIOD**

That the Request to Extend the Relevant Period for a Material Change of Use for a Utility installation (Wastewater Treatment Plant), reference in Council's management system as MC008422, at Mooloomba Road Point Lookout, described as Lot 130 SL 13002, Lot 46 SL 2482, Lot 132 SP 164081, Lot 47 SP 164076 and Lot 48 SP 164081 be approved and the relevant period be extended for an additional three (3) years (giving a total relevant period of 7 years starting the day the approval takes effect).

CARRIED

## 1.2 MIXED USE - APARTMENT BUILDING AND SHOP AT 140 QUEEN STREET, CLEVELAND

**Datworks Filename:** MC011817  
**Attachments:** [Locality Plan](#)  
**Responsible Officer Name:** Bruce Macnee  
 Group Manager, Sustainable Assessment  
**Author Name:** Scott Pearson  
 Development Assessment Officer, Planning Assessment

### EXECUTIVE SUMMARY

<b>Application Type</b>	Code Assessment
<b>Proposed Use</b>	Mixed Use - Apartment Building and Shop
<b>Property Description</b>	Lot 2 on RP884263, Lots 1, 2 & 3 on RP 91911, Lots 22 & 23 on RP119834 and Lot 1 on RP82814
<b>Location</b>	140-146 Queen Street, 24-26 Taylor Crescent & 22 Waterloo Street, Cleveland QLD 4163
<b>Land Area</b>	5224.60m <sup>2</sup> total
<b>Redlands Planning Scheme Zoning</b>	MDR - Medium Density Residential - SubArea MDR1
<b>Designated Community Infrastructure Overlays</b>	N/A Acid Sulfate Soils Overlay Road and Rail Noise Impact Overlay
<b>SEQ Regional Plan 2009-2031</b>	Urban Footprint
<b>No. of Public Submissions</b>	N/A - Code Assessable
<b>Applicant</b>	Club Projects 1 Pty Ltd
<b>Land Owner</b>	Club Projects 1 Pty Ltd
<b>Properly Made Date</b>	19/08/2009
<b>Start Decision Stage</b>	14/04/2010
<b>Statutory Decision Date</b>	20/07/2010
<b>Application Coordinator</b>	Scott Pearson
<b>Assessment Manager - Delegate</b>	Council Committee

### PURPOSE

This Category 4 application is referred to the Development and Community Standards Committee for determination.

### EXECUTIVE SUMMARY

Council has received an application seeking a Development Permit for a Material Change of Use (Code Assessment) for an *Apartment Building (92 Units) and Shop* on a number of allotments zoned Medium Density Residential (MDR1), on land at 140-146 Queen Street, 24-26 Taylor Crescent & 22 Waterloo Street, Cleveland.

The application has been assessed against the relevant sections of the *Redlands Planning Scheme*, including the overlays triggered by the application, and is considered to be compliant with the Scheme. Furthermore, the proposal has been assessed by the relevant internal assessment teams, all of whom are satisfied with the proposed design.

The application was made in accordance with the *Integrated Planning Act 1997* and triggered the Department of Transport and Main Roads as a Referral Agency. The application was Code Assessable and did not require public consultation. The proposal complies with the intent of the SEQ Regional Plan. It is therefore recommended that the application be granted a **Development Permit**, subject to conditions.

## 1. BACKGROUND

Part of the subject site is currently vacant and 5 of 7 lots have been improved by single detached residential dwellings. No previous material change of use town planning applications have been lodged with regards to the site.

## 2. CONSULTATION

The Development Assessment Team has consulted with other assessment teams where appropriate. Copies of the original proposal and subsequent amendments to the application were provided to Councillor Craig Ogilvie of Division 2 on 19 August 2009 and 24 February 2010. No concerns have been outlined by the Councillor. The application has however, been required to be brought before full Council Committee for determination.

## 3. GROUNDS OF SUBMISSIONS

The application triggered Code Assessment and did not require notification.

## 4. REFERRAL AGENCIES

The application triggered referral to the Department of Environment and Resource Management (DERM) and the Department of Transport and Main Roads (DTMR) under the IDAS. DERM provided a referral agency response, dated 15 October 2009, recommending approval with conditions. DTMR provided a referral agency response on 13 April 2010 recommending approval with conditions. It is noted that Council's conditions incorporate the requirements of these two agencies. A copy of each referral agency response will be attached to the decision notice.

## 5. SITE DESCRIPTION, SURROUNDING AREA & CHARACTER

The site has a frontage of approximately 100 metres to Queen Street, 30m to Taylor Crescent and 40m to Waterloo Street. The land slopes gently from the south-eastern corner (Queen & Waterloo Street intersection) of the site down to the north-west corner (Taylor Crescent). There is an existing sewer main traversing the site. All other urban infrastructure such as sewer and water main exist nearby.

Medium Density Residential (Sub-Area MDR1) zoned land surrounds the immediate site. Further south and west the properties are zoned Medium Density Residential while the Cleveland town centre (Major Centre zoned land) lies to the east. A mix of Open Space zoned site's are scattered throughout the area.

The area has a typical residential character that is generally dominated by a mix of single detached dwellings and multi-unit dwellings, which are within close proximity to the Cleveland centre.

There are no existing similar uses within the immediate vicinity of the site. However, at 28-34 Taylor Crescent a 6 storey apartment building was approved 9 December 2008

(MC010945 for 53 units); at 22 Taylor Crescent a 6 storey apartment building was approved 28 March 2008 (MC010636 for 44 units) and at 18-20 Taylor Crescent a 5 storey apartment building was approved 28 November 2007 (MC010396 for 25 units). This is reflective of the future intent for the precinct and the changing character.

## 6. PROPOSAL

The applicant proposes to construct an Apartment Building (92 dwelling units) and Shop (400m<sup>2</sup>). The residential density is approximately 1 dwelling unit per 57m<sup>2</sup>. The site coverage is 45%. A 6m front setback and a 4m setback to upper level balconies are proposed. A 2m side setback and 4m rear setback are also depicted on the proposal plans.

The development will be six storeys high and will include a basement car park and ground level communal area, which includes a swimming pool. The units contain a mix of one, two and three bedrooms. The apartment facility also includes a gym in addition to the open space areas.

Car parking has been provided via a basement arrangement. A total of 147 parking spaces have been provided (139 are required by the Planning Scheme). The basement area also contains a lockable storage area for each unit and a bunded car wash bay. Access to the road network will be via Taylor Crescent.

Ground level units have the required 25m<sup>2</sup> minimum open space area and upper level units have minimum 10m<sup>2</sup> balconies. Landscaping will be provided along the site's frontage and around the site boundaries. A 2m high acoustic barrier is proposed along part of the side boundaries of the site to attenuate on-site traffic noise.

The units will be connected to nearby water and sewer mains. The sewer main traversing the site will be redirected through the basement carpark to a connection point near Taylor Crescent. A waste management system is proposed on site, whereby suitable manoeuvring has been designed for a Council refuse collection vehicle to enter and exit in forward gear. Bins will be screened from view.

## 7. APPLICATION ASSESSMENT

### 7.1 *Integrated Planning Act 1997 (IPA)*

This application has been made in accordance with Chapter 3 (Integrated Development Assessment System, IDAS) of the Integrated Planning Act 1997 and constitutes an application for Code Assessment for a material change of use under the Redlands Planning Scheme.

### 7.2 **SEQ Regional Plan 2009-2031**

The subject land is located within the Urban Footprint in the Urban Footprint SEQ Regional Plan 2009-2031. The proposed development is consistent with this designation.

### 7.3 **State Planning Policies**

The following State Planning Policies are applicable to this application:

State Planning Policy	Applicability to current Application
SPP 2/02 Planning and Managing Development	An acid sulphate study was conducted according to state guidelines. The results indicate acidic non-acid

<b>State Planning Policy</b>	<b>Applicability to current Application</b>
<b>Involving Acid Sulfate Soils</b>	sulphate material, which requires a relatively low level of treatment.
<b>SPP 1/05 Conservation of Koalas in South-east Queensland</b>	The site is not within any area classified under state koala legislation.

#### 7.4 Redlands Planning Scheme

##### Medium Density Residential Zone Code

The site is located in the Medium Density Residential Zone of the Redlands Planning Scheme. The proposed use includes both Apartment Building and Shop use components.

The level of assessment table for the Medium Density Residential Zone indicates that a Material Change of Use for an Apartment Building is Code Assessable development if:

- In sub area MDR 1 or MDR 3; and
- The building height does not exceed that detailed in Table 2 – Maximum Overall Building Height.

A Shop is Code Assessable development if:

- The use is undertaken as part of a mixed use development;
- In – sub-area MDR1; has less than 400m<sup>2</sup> gross floor area.

The proposal meets the above requirements, hence Code Assessment is applicable.

The application has been made in accordance with the provisions of the Redlands Planning Scheme and is considered to be compliant with the requirements of the Medium Density Residential Zone Code as discussed below.

*Use* – An Apartment Building is listed as a consistent use. Furthermore, MDR1 zoned land is to be utilised for apartment buildings. Shops are a non-residential use but permitted if less than 500m<sup>2</sup>. The 400m<sup>2</sup> of proposed shops are being undertaken as part of a mixed use development, will contain multiple small tenancies and offer a variety of services close to the Cleveland centre.

*Built Form* – The 19m maximum building height has been met. The site coverage is also below the maximum 50%.

*Amenity* – Density is determined through site coverage, setbacks and build height which have been met. Open space, setbacks and built form are discussed further under the Use Code. Management of lighting will be conditioned. Noise and traffic reports were submitted as part of the proposal. The noise report recommends a 2m high barrier fronting residential properties, which will be conditioned. Traffic impacts have been assessed and a contribution will be required for future upgrades to both the Queen / Waterloo and Haggup / Queen Street intersections.

*Environment* – Stormwater will be discharged to existing infrastructure within Taylor Crescent via water quality treatment devices. No significant trees are on site that require retaining. Excavation is required for creation of the basement carpark, but this has been designed closer to the Queen Street side of the site to minimise impacts on nearby residents at 18-20 Waterloo Street.

*Infrastructure* – The building will be connected to telecommunications, energy, sewer and water infrastructure. Pedestrian paths through the site linking to the road network have



been designed to maximise connectivity. On-site waste collection will occur in the basement (via internal chutes) and allows a collection vehicle to enter and exit the site in forward gear.

Notwithstanding the above, one Probable Solution has not been met. The area of non-compliance is addressed below:

Specific Outcomes	Probable Solutions	Officer's Comment
<p><b>S2.1</b></p> <p>(1) The height of buildings and structures maintain a mid-rise building height;</p> <p>(2) Uses of a lesser height do not prejudice the preferred building form promoted through this zone;</p> <p>(3) Where the Medium Density Residential Zone directly adjoins a zone that requires a lesser building height - building height addresses streetscape, privacy and solar access of adjoining properties;</p> <p>(4) In sub-area MDR3 - building height -</p> <p>(a) is sympathetic to the built form of surrounding development, particularly at the interface to existing residential areas;</p> <p>(b) ensures privacy, vistas and solar access to communal and private open space areas is maintained.</p>	<p><b>P2.1</b></p> <p>(1) Building height is less than the heights detailed in <u>Table 2</u> - Medium Density Residential Zone - Maximum Overall Building Height;</p> <p>(2) No probable solution identified;</p> <p>(3) No probable solution identified;</p> <p>(4) No probable solution identified.</p> <p><b>Note -</b> Refer to the relevant use code for specific building height assessment criteria.</p>	<p>Table 2 states that the maximum overall building height is 19m and the maximum height of the highest habitable floor level is 13m (5 storey).</p> <p>The proposed development is 6 storeys high and the units fronting Queen Street have a floor level of 14.25m. The Probable Solution has not been met, however the proposal is considered to meet the Specific Outcomes for the following reasons:</p> <ul style="list-style-type: none"> <li>i. the building height does not exceed the 19m when measured from the natural ground level;</li> <li>ii. the 13m floor height limit is only on the units facing Queen Street. Internal units and units facing Taylor Crescent meet this requirement;</li> <li>iii. two 6 storey apartment buildings have been approved nearby at 28-34 Taylor Crescent (MC010945 approved 9 December 2008) and 22 Taylor Crescent (MC010636) was approved 28 March 2008 (MC010636). As a result, the MDR1 Subzone is considered to have a character that allows 6 storey apartment buildings,</li> <li>iv. the site does not adjoin land that requires a lesser building height, and</li> <li>v. building design addresses solar access and streetscape appearance, which is discussed further in the architectural comments in Section 5.4f).</li> </ul> <p>Given the above, the proposal is considered to meet the Specific Outcomes of the Code and comply with the RPS.</p>

In light of the above, the proposal is considered to comply with the Specific Outcomes of the Code, where not already complying with the Probable Solutions and is therefore in accordance with the Zone Code requirements.

### **Apartment Building Use Code**

An assessment of the development proposal against the requirements of the Apartment Building Code has been undertaken. The following aspects comply:

**Location** – The use is close to the Cleveland centre, open space and public transport.

*Size & Density* – The site is greater than 1200m<sup>2</sup>, has a frontage longer than 25m and the density complies with the zone code requirements.

*Site Layout & Building Design* – Building height was discussed under the zone code. Site coverage is equal to the 45% maximum. A 6m front setback to Waterloo and Queen Streets is proposed with a reduced 4m setback to balconies, eaves, awnings or the like. The side setback has been increased to 4m given the 19m height (note: the regular setback is 2m plus an additional 0.5m for every 3m the building height exceeds 7.5m equals a 4m side setback requirement). The rear setback is 4m in accordance with the Code. The building addresses the street, includes an articulated frontage to reduce bulk and is capable of receiving sufficient solar access, which is discussed further under the architectural comments in Section 5.5d).

*Visual Privacy* – Habitable rooms are situated a sufficient distance from adjacent rooms. Screen shutters have been provided where necessary along the northern boundary facing the approved apartment building at 18-20 Waterloo Street.

*Acoustic Amenity* – A noise report was submitted and assessed by Council's Health & Environment Team. The report and its recommendations, which require an acoustic barrier and other building treatments to mitigate noise impacts, will be conditioned as part of the recommendation for approval.

*Landscaping & Open Space Design* – A minimum 2m wide landscape buffer has been provided along the Taylor Crescent and Queen Street frontages. But given shops front Waterloo Street an awning and full pavement to the property boundary have been provided. Planter boxes will be included on paved areas. As required, 15% of the site is to be provided as landscaping (planted/grassed). Additionally, 20% of the site is designated as open space which includes a 100m<sup>2</sup> communal open space area in north-east corner, not including the proposed pool area (approximately another 150m<sup>2</sup>). Finally, 25m<sup>2</sup> of open space has been set aside for each ground level unit and upper level units have the required 10m<sup>2</sup> balcony space. Fencing will be determined as part of future operational works applications.

*Access & Parking* – 1 space per dwelling unit (92), 1 space per every 4 units for visitors (23) and 6 spaces per 100m<sup>2</sup> gross leasable area for the shop (24) equals a total requirement of 139 car parking spaces. The proposal includes 147 spaces. Waste collection vehicles can enter and exit the site in forward gear.

*Internal Pedestrian Paths* – Paths have been designed to meet Council's 2m minimum width requirement.

*Safety & Security* – Council's architect has reviewed the CPTED requirements and provided comments in Section 5.5d).

*Service Facilities* – A bunded car wash bay is located in the basement as well as waste storage / bin areas. A lockable storage area for each unit is also in the basement. Hence, service facilities are screened from street view.

Overall, the application complies with the probable solutions outlined in the Use Code.

## **Overlay Codes**

### **Acid Sulfate Soil Overlay**

The site is at an elevation of 9.5 to 11.5 metres AHD. Excavation for a basement car park will extend to about 4.5m metres AHD, triggering an acid sulphate investigation. The applicant has provided a report that indicates acidic non-acid sulphate soil. Concentrations are slightly above threshold levels. The amounts are relatively low, however some remedial treatment will be required. Appropriate conditions have been set.

The Department of Environment and Resource Management also assessed the proposal's compliance with State Planning Policy SPP 2/02 regarding Acid Sulfate Soils. The referral agency response stated that the applicants report was consistent with the Policy and provided conditions accordingly.

### **Road and Rail Noise Overlay**

The applicant provided a noise impact assessment report to Council and Department of Transport and Main Roads. Council's Health & Environment Team have conditioned the report. Furthermore, Main Roads referral agency response also requires the recommendations of the acoustic report to be carried out.

### **Other Development & General Code(s)**

The application has been assessed against the following codes:

- [Access and Parking Code](#) – refer Section 5.5a);
- [Development Near Underground Infrastructure Code](#) – refer Section 5.5a);
- [Erosion Prevention and Sediment Control Code](#) – conditioned;
- [Excavation and Fill Code](#) – conditioned;
- [Infrastructure Works Code](#) – refer Section 5.5a);
- [Landscape Code](#) – refer Section 5.5e); and
- [Stormwater Management Code](#) – refer Section 5.5a) & 5.5f).

Further to the internal specialist assessment in sections a) - f) below, the proposal is considered to comply with the requirements of the above codes with conditions pertaining to the approval.

### **Planning Scheme Policies**

Further to the internal specialist assessment in sections a) - f) below, the proposal is considered to comply with the requirements of the relevant planning scheme policies.

## **7.5 Internal Specialist Assessment**

### **a) Engineering**

#### **Road Access and Required Road Frontage Works**

The site has street frontages to Queen Street, Waterloo Street and Taylor Crescent.

Queen Street:

- Currently kerb and channel is present along the entire frontage of the site.
- Access from Queen Street is prohibited; existing accesses will be permanently closed as per the Department of Main Roads condition.

- There is an existing footpath along the frontage of the site. A minimum 2.5 metre wide concrete footpath will be required as a condition of development.
- On-street parking along Queen Street frontage is not permitted as per the Department of Main Roads condition.

#### Waterloo Street:

- Currently kerb and channel is present along the entire frontage of the site.
- Access from Waterloo Street is prohibited; existing accesses will be permanently closed as per the Department of Main Roads condition.
- There is an existing footpath along the frontage of the site. A minimum 2.5 metre wide concrete footpath will be required as a condition of development.

#### Taylor Crescent:

- Vehicular entry/access to the development is to be only from Taylor Crescent. Currently kerb and channel is present along the entire frontage of the site.
- There is an existing footpath along the frontage of the site. A minimum 2.5 metre wide concrete footpath will be required as a condition of development.
- A one metre wide land dedication for road widening/footpath purposes will be required as a condition of development.

#### Internal Traffic Movement and Car Parking

Internal traffic movements generally comply with AS2890.1.

Car parking numbers are as per the Council's requirements in that:

1 space per dwelling unit (92) and 1 space per 4 units for visitors (23), plus 6 spaces per 100m<sup>2</sup> gross leasable area for a shop (24) equals a total of 139 spaces that are required. A total of 147 have been provided.

Dimensions and layouts of the car parking spaces generally comply with AS2890.1. This has been conditioned.

#### Stormwater

The provided stormwater management plan demonstrates that the development will not create a nuisance to neighbours and is in accordance with the Specific Outcomes of the Stormwater Management Code. It is considered that no stormwater problems will result for upstream or downstream properties, or for the site itself.

The nominated point of discharge is the existing public trunk network within Taylor Crescent via a stormwater drainage extension. However, a condition is provided to require confirmation that the downstream drainage system is capable of meeting the requirements of the Redlands Planning Scheme.

#### Sewerage

There is an existing sewerage connection to the site. Redland Water and Waste have advised that there is sufficient capacity in the sewer network.

#### Water Supply

A water supply is currently available to the site. Redland Water and Waste have advised that there is sufficient capacity in the water network.

### Electricity Services

The subject land can be provided with appropriate electricity services.

### Telecommunication Services

The subject land can be provided with appropriate telecommunication services.

### **b) Waste Management**

The applicant has provided a revised plan to reflect bulk waste and recycle bins for the residential component and wheelie bins for the commercial development, which will be serviced from kerbside. From a waste management perspective, officers have no concerns regarding waste requirements and conditions have been included in the recommendation for approval.

### **c) Health and Environment**

With the initial information submitted to Council the applicant provided an acoustic report, Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009. This acoustic report addressed road noise and noise from the development onto the existing use. The acoustic report mentioned an acoustic barrier; building attenuation and set operating hours to comply with all noise levels. This has been conditioned.

Further information was sought from the applicant regarding waste chute/waste disposal room noise impacts. NSA Acoustics provided details stating that the waste chute will comply given all recommendations that they have addressed in the letter, Re: Proposed Mixed Use Development, 140-146 Queen Street, Cleveland, Response to RCC Information Request 30 September 2009 File No. MC011817.

No details/comments were given in regards to car wash bay, which has been conditioned in accordance with Council's health standards.

### **d) Architect**

There is a lack of articulation to the west and internal elevations. It is acknowledged that the west elevation adjoins an existing development which screens some of the elevation from view and this could be increased when the adjoining site is redeveloped. However, the requirements of the relevant Council Code calls for the creation of shade and shadow which could be met by the inclusion of hoods to the windows on that elevation, as well as the internal elevations. This will have the additional benefit of improving the climatic design response also. A condition has been provided accordingly.

The applicant has provided shadow diagrams for 9am, 12 noon and 3pm on 22 June and 22 December. These demonstrate that there is significant overshadowing of the adjoining property to the west of the site at 9am on 21 June, however these should disappear by approximately 11am as the sun moves to the north. As the adjoining properties are located to the north or west of the site, overshadowing is not considered to be of concern.

In terms of design, the building relates well to the street by providing courtyards to the ground floor units. The lot layout is climatically responsive in that most units have north, east or south facing living and private open space areas. Furthermore, western exposure

has been limited to mostly bedrooms, or where living areas have a western wall, openings have been kept to a minimum.

To reduce building bulk, level 5 (uppermost storey) is setback from the Queen and Waterloo Streets boundaries by a greater amount than the lower levels, thus reducing the building bulk marginally at the top of the building when viewed from street level. Also the building facing Taylor Crescent (rear of the site) contains 1 level less in height, acknowledging the change in scale. Various materials, colours and/or textures have also been included to improve the buildings visual appearance.

The applicant has not provided a CPTED Report prepared in accordance with the State CPTED Guidelines. This has been conditioned as part of the approval. Notwithstanding this a review of the proposal in relation to CPTED principles has been undertaken and the following concerns identified:

- The pedestrian entry points to the building along the Queen and Waterloo Street frontages are not clearly legible to visitors and a revised entry point has been conditioned.
- The areas in front of the lifts serving Lobbies A, B and C on Basement Level 2 and the lift serving Lobby E on Basement Level 1 do not provide sufficient clear sight lines to ensure good surveillance and also provide an opportunity for entrapment. On Basement Level 2 these areas can be made more open by removing adjacent walls and this has been conditioned. On Basement Level 1 this can be improved by exchanging the lift and adjacent stair and by providing a side door to the lift at Basement 1 Level. This too has been conditioned.
- In addition the resident's storage spaces in Basement Level 2 are not considered to comply with good CPTED principles and provide opportunity for entrapment as there is only one access point. This can be resolved by providing through access to these spaces together with the subsequent rearrangement of the adjoining spaces. This has been conditioned.

#### **e) Landscaping**

The Senior Landscape Architect has assessed the proposal and considered it satisfactory. Conditions of Approval have been provided where relevant.

#### **f) Environmental Assessment**

##### Acid Sulfate

As previously discussed, the applicant has addressed Council's Acid Sulfate Soils Overlay Code.

##### Stormwater Quality

The applicant proposes to treat stormwater runoff as follows:

- Vehicle movement areas: Runoff will be directed to an oil-separator device in the lower basement, then pumped to a detention basin.
- Roof area: Initial runoff will be directed to bioretention planter boxes at ground level then to rainwater tanks. Excess water from the rainwater tanks will be discharged via the detention basin.

Detailed design will be required at the works stage.

### **8. CONCLUSION**

The proposal is considered to be generally in accordance with the Redlands Planning Scheme, applicable codes and planning scheme policies. Accordingly, it is

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recommended that the application be approved and a development permit be granted, subject to conditions.

#### **OFFICER'S RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Henry

That Council, under delegated authority, resolve as follows:

#### **A MATERIAL CHANGE OF USE – DEVELOPMENT PERMIT**

That the application for material change of use for the purpose of a Mixed use Apartment Building and Shop on the land known as 140-146 Queen Street, 24-26 Taylor Crescent & 22 Waterloo Street, Cleveland QLD 4163, described as Lot 2 on RP884263, Lots 1, 2 & 3 on RP 91911, Lots 22 & 23 on RP119834 and Lot 1 on RP82814 be approved and a development permit be granted subject to conditions.

#### **B CONDITIONS FOR DEVELOPMENT PERMIT**

##### **1.0 Approved Plans and Documents**

1.1 The approved plans and/or documents for this development approval are listed in the following table:

<b>Plan/Doc No.</b>	<b>Plan/Doc Title</b>	<b>Prepared by</b>	<b>Dated</b>
DA03 Issue B	Site Cover Plan	Australian Consultant Architects	Jan 2010
DA04 Issue B	Ground Floor Areas	Australian Consultant Architects	Jan 2010
DA06 Issue C	Basement Level 2 Amended in Red	Australian Consultant Architects	Jan 2010
DA07 Issue C	Basement Level 1 Amended in Red	Australian Consultant Architects	Jan 2010
DA08 Issue C	Ground Floor Plan Amended in Red	Australian Consultant Architects	Jan 2010
DA09 Issue B	Level 1 Plan	Australian Consultant Architects	Jan 2010
DA10 Issue B	Level 2 Plan	Australian Consultant Architects	Jan 2010
DA11 Issue B	Level 3 Plan	Australian Consultant Architects	Jan 2010
DA12 Issue B	Level 4 Plan	Australian Consultant Architects	Jan 2010
DA13 Issue B	Level 5 Plan	Australian	Jan 2010

Plan/Doc No.	Plan/Doc Title	Prepared by	Dated
		Consultant Architects	
DA14 Issue B	Roof Plan	Australian Consultant Architects	Jan 2010
DA15 Issue B	Elevations 001	Australian Consultant Architects	Jan 2010
DA16 Issue B	Elevations 002	Australian Consultant Architects	Jan 2010
DA17 Issue B	Elevations 003	Australian Consultant Architects	Jan 2010
DA20 Issue B	Shop Front Perspectives	Australian Consultant Architects	Jan 2010
DA21 Issue D	Waste Management / Pick Up Plan	Australian Consultant Architects	June 2010
4257-100629-SK01	Concept Sewer Design	HCE Engineers	12 July 2010
LCON 735 100 Issue #1	Landscape Concept Plan	Design Instincts	July 2009
09399-001	Acid Sulfate Soil Assessment	LeVert Environmental	19 August 2009
4257	Stormwater Quantity Management Plan	HCE Engineers	12 February 2010
Report No. 406	Noise Impact Assessment	NSA Acoustics	19 June 2009

## 2.0 Design

- 2.1 Carry out the development generally in accordance with the details set out in the application and the approved drawing(s) and/or document(s) listed under Condition 1.1 unless otherwise required by a condition of this approval.
- 2.2 Install window hoods on the west and internal north and south elevations. In addition, two windows of minimum size 1800mm wide x 1200mm high and at even spacing must be provided at each floor level to the east wall of Lobby C with window hoods over.
- 2.3 Provide to Council a CPTED Report including a Crime Prevention and Community Safety Assessment, prior to Operational Works approval. The report is to be prepared by a suitably qualified person and is to be in accordance with the "Crime Prevention through Environmental Design – Guidelines for Queensland" Parts A and B. The recommendations of the report are to be incorporated into the design. Audit prepared in accordance with the State CPTED Guidelines.
- 2.4 Remove internal walls as indicated on the approved drawings. The area in front of the lifts (serving Lobbies A, B and C on Basement Level 2) must be



provided with improved sight lines to ensure good surveillance and reduce the opportunity for entrapment.

- 2.5 Create an entry statement at each of the pedestrian entry points along the Queen and Waterloo Street frontages. The entry statements may be either in built-form or landscaping. Provide a means of improving legibility and wayfinding for pedestrians from Queen and Waterloo Streets to the lift lobbies. Compliance with this condition must be by written approval from the Manager, Planning Assessment, at Redland City Council
- 2.6 Provide additional access to the caged and locked residential storage spaces as indicated on the approved drawings to reduce the likelihood of entrapment. Adjoining spaces which are affected are to be relocated generally to the positions indicated on the approved drawings.
- 2.7 Provide universal access in accordance with AS1428 from the footpath to each of the lift lobbies.
- 2.8 Screen from view all infrastructure spaces, pad mounted transfer stations, fire hydrants, boosters and maintenance yards. Screens must be hard screens such as fencing and gates in addition to landscaping and located within the property boundary.
- 2.9 Screen from view all plumbing and drainage pipes, specifically hanging from the undercroft around the sites access point onto Taylor Crescent.
- 2.10 Provide a 6m front setback (4m to balconies, eaves, awnings or the like) to Taylor Crescent, taking into account the ultimate road alignment (i.e the 1m road width dedication along the entire Taylor Crescent frontage).
- 3.0 General
- 3.1 Pay the cost of necessary alterations to existing public utility mains, services or installations due to building and works in relation to the proposed development and/or material change of use, or any works required by condition(s) of this approval. Such cost will be determined by the Council and/or the relevant authority(ies) and must be paid:
  - Prior to an application for approval of building works on the site being lodged; or
  - Prior to Council being requested to issue any approval for Operational Works – Compliance assessment; or
  - Prior to any construction works or the use commencing; (whichever is the sooner).
- 3.2 Payments to be made to the Council and/or money to be deposited and/or bond to be lodged pursuant to any condition of this approval must be made:
  - Prior to an application for approval of building works on the site being lodged; or
  - Prior to Council being requested to issue any approval for Operational Works – Compliance assessment; or
  - Prior to any construction works or the use commencing; (whichever is the sooner).

Other conditions must, where applicable, be complied with before the use is commenced, unless otherwise required or agreed in writing by the Council or a delegated officer.

**3.3 Design the development so as to facilitate a community titles scheme being applied to the development in accordance with the provisions of this approval, the Sustainable Planning Act, the Body Corporate & Community Management Act and its regulations, and the Redlands Planning Scheme.**

**3.4 Submission of survey plans must be accompanied by a Community Management Statement reflecting these conditions of development in respect of ongoing use and maintenance of the development.**

#### **4.0 Amalgamation**

**4.1 Amalgamate Lot 2 on RP884263, Lots 1, 2 & 3 on RP 91911, Lots 22 & 23 on RP119834 and Lot 1 on RP82814 by lodging to the Land Titles Office for registration of the amalgamated lot, prior to the building approval.**

#### **5.0 Approved Use(s)**

**5.1 Use of the premises for the purpose of Mixed Use (Apartment Building and Shop) must at all times accord with the criteria set out within the definition in Schedule 3 of the Redlands Planning Scheme.**

#### **6.0 Building Height**

**6.1 Provide a signed certificate from a licensed surveyor certifying that no part of the building structure exceeds the height limit of 19m metres above natural ground level. All levels must be provided to Australian Height Datum (AHD).**

The licensed surveyor's certificate must be submitted at two stages of the building construction, these being:-

- (a) at completion of the basement level to demonstrate that the building complies with the approved plans at that stage; and**
- (b) prior to issue of the Certificate of Classification to demonstrate that the highest point of the building complies with the approved plans.**

#### **7.0 Vehicle Parking**

**7.1 Provide on-site parking that accommodates a minimum 139 cars (being 92 for residential, 23 for visitors and 24 for retail use), 10 bicycles and a waste collection vehicle in accordance with the approved plans.**

**7.2 Ensure that access to carparking spaces, vehicle loading and manoeuvring areas and driveways remains unobstructed and available at all times.**

**7.3 Reflect in the Community Management Statement that residential parking spaces must remain accessible for residents and not occupied by retail users or visitors.**

**7.4 Reflect in the Community Management Statement that visitor parking spaces must remain accessible for visitors and not occupied by retail users or residents.**

7.5 Ensure that internal traffic movements and parking comply with AS2890.1.

## 8.0 Waste Management

### Residential

8.1 Provide a centralised waste and recycling storage area that is separate and additional to a centralised waste and recycling storage area for the commercial use as per Drawing No. DA21 Issue D, titled Waste Management/Pick up Plan, prepared by Australian Consulting Architects, dated June 2010.

8.2 Provide a shared internal waste storage area for dwelling units, which meets the following criteria-

- a) it is dedicated for the storage of 9 x 1.1m<sup>3</sup> waste and 4 x 1.1m<sup>3</sup> recycling bulk bins and associated equipment only;
- b) the doors are close fitting, self closing and wide enough for bulk bin access and manoeuvrability;
- c) the walls, doors and roof are constructed and lined with a non-combustible and impervious material with a smooth finish and a fire resistance of one hour;
- d) the junctions of walls with floors are covered and artificial lighting provided;
- e) the door frames are made of metal, hardwood, or metal clad softwood and are rebated with a lock capable of being activated from within the room without a key at all times;
- f) a hose-cock and adequate length of hand hose of minimum internal diameter 12mm is provided immediately outside the room;
- g) unless refrigerated below four degrees Celsius, the room has an approved mechanical exhaust system for ventilation or permanent, unobstructed natural ventilation openings direct to the external air not less than one-twentieth (1/20<sup>th</sup>) of the floor area. One half of such openings must be situated at or near the floor level, and one half at or near the ceiling level;
- h) it is fitted with automatic sprinklers or other system for the control of fire which meets Australian Standards;
- i) it is fly and vermin proof;
- j) it has smooth flooring that is graded and drained to a trade waste outlet located outside to the waste room and as close to the doorway as possible, or otherwise to the satisfaction of the local government;
- k) it is designed and constructed to prevent stormwater and surface water from entering the waste room;
- l) it has all conduits concealed in the floor, walls or ceilings; and
- m) refrigerated, waste rooms are fitted with an approved alarm device that is located outside, but controlled only from within the waste room.

8.3 Provide waste chutes to transport waste from each residential level to an internal waste room. Waste chutes must comply with the following-

- a) are cylindrical with a minimum diameter of 450mm;
- b) have a bottom edge that finishes at least 25mm below the level of the ceiling in the waste room, with a maximum 300mm between chute edge and any extension thereof and the top of the container;
- c) are vertical throughout the length up to the highest hopper;
- d) discharge centrally above the waste container or compacter in the waste room;
- e) continue in full bore above the roof of the building, or not less than 600mm above the highest hopper;

- f) are fully supported at each floor level;
- g) are contained in fire rated shafts in compliance with the appropriate standards;
- h) have chute pipes with access provided at appropriate levels and a nylon brush or similar appliance on a pulley system, for clearing obstructions and cleansing;
- i) have a ventilation system to ensure that air does not flow from the chute through service opening or impede the downward movement of waste;
- j) where it is not continued to the full height of the building, a vent of non-combustible material having a minimum diameter of 150mm is provided. Such vent is carried to a point of at least 2 metres above the eaves of the building or the eaves of any building within 10 metres; and
- k) have a shutter fitted for closing off the chute in the case of fire or when the waste container is withdrawn. The shutter is self-closing, constructed of galvanized steel sheet or other approved metal and fitted with a fusible link for automatic operation in the case of a fire in the waste container or waste room.

**8.4 Design and construct waste hoppers to satisfy the following requirements–**

- a) close off the opening in the chute when the hopper is opened for loading;
- b) automatically return to a closed position after use;
- c) be located between 1.0m and 1.5m above floor level;
- d) have a service opening that does not exceed 75% of the diameter of the chute;
- e) permit free flow of waste into the chute and do not project waste into the chute;
- f) to enable easy cleansing, including a surround on the wall around the hopper of at least 300mm wide; and
- g) have a floor surface below the hopper that is paved with a hard, impervious material with a smooth finish.

**8.5 Provide recycling collection areas adjacent to waste hoppers on all residential floors. A minimum of one recycle wheelie bin must be located next to each waste chute to provide for efficient and effective recycling amongst the residents of the development.**

**8.6 Provide bulk waste and recycling bins, which meets the following standards–**

- a) off-street servicing points for the containers where the entire waste collection vehicle is positioned within the site;
- b) a weekly service of collection for both waste and recycling;
- c) internal access roads that enable waste collection vehicles to enter and exit the site in a forward gear and have adequate vertical clearance as per Drawing No. DA21 Issue D, titled Waste Management/Pick up Plan, prepared by Australian Consulting Architects, dated June 2010;
- d) maximum surface gradient of 1:20 (5%) for container servicing and waste collection vehicle manoeuvring; and
- e) an unobstructed internal servicing point that is also a waste storage area or if bins 1.5m<sup>3</sup> or less are used, is located within 20m of the waste storage area.

**Commercial**

**8.7 Design and construct commercial tenancies that share a centralised waste storage area that is –**

- a) dedicated for the storage of 6 x waste and 12 x recycle wheelie bins and associated equipment only;
- b) an external waste and recycling storage enclosure located as per Drawing No. DA08 Issue C, titled Ground Floor Plan, prepared by Australian Consulting Architects, dated Jan 2010;
- c) bins are screened from view through design and landscaping;
- d) has separate access for container retrieval and occupant use;
- e) allows for 0.5m space around bins for manoeuvrability and cleansing;
- f) not located immediately adjacent to living and eating areas of any unit or neighbouring property;
- g) has a roller door or outwardly opening gates that can be bolted open greater than 90 degrees and is fitted with bump rails to prevent bins from contacting walls;
- h) has a smooth hardstand surface that will permit easy bin movement, not including asphaltic concrete;
- i) if roofed, has a minimum ceiling height of 2.4m and be adequately ventilated; and
- j) is both a storage area and service point when bulk bins greater than 1.5m<sup>3</sup> are used (or is positioned within 20m of the service point when bulk bins 1.5m<sup>3</sup> or less are used).

8.8 Provide 1 metre of unobstructed kerbside length per wheelie bin (excluding driveways, carparks and landscaping) for the commercial waste and recycling wheelie bin servicing. Kerbside space dedicated to the use only must be used, not that of neighbouring premises. Based on Council's minimum waste collection service, waste bins will be collected on a weekly basis and recycle bins collected on a fortnightly basis.

#### Residential & Commercial

8.9 Minimise impacts on the environment, occupiers and neighbours of the premises by cleansing of all waste and recycling containers. Where no on site waste and recycling bin cleansing facility has been provided, a written agreement must be made with a private cleansing contractor for the purpose of cleansing the containers, to the satisfaction of the local government. Documentation of this agreement must be provided to Council at Operational Works stage.

#### 9.0 Environmental Assessment

##### Acid Sulfate Soils

9.1 Provide for Council assessment, prior to Operational Works approval, an acid soil management plan, based on the report by LeVert Environmental dated 19 August 2009. The plan must clearly describe and/or demonstrate:

- The timing of treatment of acidic soil from the basement excavation, with respect to the proposed overall works schedule. If treatment is to be carried out on site, the plan must demonstrate that there is adequate room on site for the treatment to occur and adequate time allowed for the neutralisation process to be verified as complete. If treatment is to be carried out off site, the plan must describe when and how the excavated material will be removed, and demonstrate that there is a suitable location arranged for treatment.

- That any area set aside for treatment is adequately bunded to prevent any movement of contaminated stormwater outside the pH range of 6.0 to 8.5 into the external drainage system.
- That any treated material is certified by a competent consultant to be within acceptable pH range before treatment is considered complete.

### Stormwater Quality

9.2 Provide for Council assessment, prior to Operational Works approval, a stormwater quality management plan (in addition to any stormwater quantity plan) based on the HCE Engineers response to Council's information request. The plan must include at a minimum:

- Drawings that clearly illustrate and label the location of the proposed oil-separator gross pollutant trap (Ecosol 4000 series or equivalent) and all flow paths that will convey stormwater from vehicle movement areas to the device. The drawings must clearly indicate how stormwater discharged from the device will be pumped to the proposed detention basin. The basin must be clearly shown.
- Drawings that clearly illustrate the location(s) of the bioretention planter boxes and stormwater flow paths to these devices, and flow paths to the rainwater tanks and detention basin. Any relevant feature such as the planter boxes must be shown clearly and labelled on both civil engineering drawings and landscaping drawings. The engineering and landscaping drawings that show any stormwater treatment component must be compatible. Should any amended plan be made during the assessment process, the corresponding plan (engineering or landscaping as the case may be) must be also amended.
- Drawings that clearly demonstrate in plan and profile views that the planter boxes are designed to function as a genuine bioretention system. That is, the plan must be in accordance with the accepted design features of such devices as shown in the Water Sensitive Urban Design Guidelines publications. The drawings must illustrate the actual design of the devices proposed for this site. Generic drawings taken from the WSUD Guidelines or similar publications will not satisfy this requirement.

## 10.0 Health Conditions

### Acoustic Barriers

10.1 Construct a 2.0m high acoustic barrier as follows:

- *Along noise sensitive property boundaries as recommended in acoustic report Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009*

The acoustic barrier must be constructed to achieve at least a standard that achieves a superficial mass of not less than 12.5kg/m<sup>2</sup> and total leakage of <1% of the total area. Guidance on the design of the barriers is provided in *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009.*

**Pre Construction Acoustic Barrier Certification**

- 10.2 Provide plans and specifications detailing the design and construction of the noise barriers prior to Operational Works approval. This is to be certified by a suitably qualified acoustic consultant indicating that the noise barrier achieves the requirements of this decision notice, *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment*, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009 and Redland Planning Scheme Policy 5 - Environmental Emissions

**Post Construction Acoustic Barrier Certification**

- 10.3 Submit to Council, prior to on-maintenance approval, a post construction certification for the acoustic barrier. The certification must be provided by a suitably qualified acoustic consultant and must demonstrate that the conditions of this development approval relating to noise are achieved and (where not otherwise specified) confirm that the predicted noise levels in *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment*, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009 have been achieved.

**Building Attenuation**

- 10.4 Incorporate into the development, the noise report recommendations for attenuation as specified in section 7.3 *Road Traffic Noise (Table 15)* of *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment*, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009.

**Pre Building Construction Certification**

- 10.5 Submit for Council approval, prior to an application for Development Works, all building and construction plans. These must be certified by a suitably qualified acoustic consultant and demonstrate that the development complies with the conditions of this approval and *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment*, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009. Where appropriate, acoustic measures to be incorporated within the development design, must be identified on the plans.

**Post Building Construction Certification**

- 10.6 Submit to Council a post construction certification for the affected buildings, prior to the commencement of the use. The certification must be provided by a suitably qualified acoustic consultant. This certification must demonstrate that the development complies with the conditions of this approval and *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment*, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009.

### Service Deliveries and Waste Removal

10.7 Undertake all service deliveries and waste removal operations between 7am and 6pm in accordance with the recommendations of the acoustic report *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment*, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009. Any changes to these hours will require approval in writing from Council.

### Pool Usage

10.8 Ensure pool usage is restricted to the hours between 7am and 10pm in accordance with the recommendations of the acoustic report *Proposed Mixed Use Development, 24-26 Taylor Crescent, 140-146 Queen Street & 22 Waterloo Street, Cleveland, Noise Impact Assessment*, Prepared for GW Clegg & Co, Prepared by NSA Acoustics, Report No.406. Issue 1, June 2009. Any changes to these hours will require approval in writing from Council.

### Waste Chute/ Waste Disposal Room Noise

10.9 Incorporate into the development the recommendations for the waste chute/waste disposal room made in *Re: Proposed Mixed Use Development, 140-146 Queen Street, Cleveland, Response to RCC Information Request 30 September 2009 File No. MC011817, December 2009*.

### Car Wash Bay

10.10 Design the car washing facility to include, but not be limited to:

- Roofed, bunded and drained to sewer via an approved oil interceptor / separator in accordance with Council's Trade Waste requirements;
- The use of the oil interceptor / separator cannot be shared with any interceptor required for bin wash bays;
- Limiting the ingress of rainfall and overland flow; and
- Minimising water usage.

### 11.0 Contributions

#### 11.1 Local Road Upgrade Contribution

Pay to Council a contribution of \$25,646.14, prior to Operational Works approval, for the impact of the development on the local road network for non-trunk improvements (road improvements not otherwise identified and sequenced in PSP3) reasonably required to facilitate access to Taylor Crescent.

#### 11.2 Public Open Space Contribution

Pay to Council a public open space contribution, at the rate applicable at the time of payment, and paid prior to approval of any subsequent 'operational works' application. The amount payable for this development must comply with Chapter 5 of Planning Scheme Policy 3 in the Redlands Planning Scheme.



Any contributions previously paid may be claimed as contributing towards the amount due to Council.

### **11.3 Land for Community Facilities Contribution**

Pay to Council a land for community facilities contribution, at the rate applicable at the time of payment, and paid prior to approval of any subsequent 'operational works' application. The amount payable for this development must comply with Chapter 5A of Planning Scheme Policy 3 in the Redlands Planning Scheme. In this regard the following comments are made:

- The current rate for 2009/2010 per equivalent residential allotment \$632.00;
- The amount of contribution for a particular development is to be determined in accordance with Clause 3.5A.4 and Table 2 of the policy.
- The rate of contribution is reviewed annually on 01 July.

Any contributions previously paid may be claimed as contributing towards the amount due to Council.

### **11.4 Transport Infrastructure Charges Contributions**

Pay to Council a contribution for local transport infrastructure, at the rate applicable at the time of payment, and paid prior to approval of any subsequent 'operational works' application. The amount payable for this development must comply with Chapter 4 of Planning Scheme Policy 3 in the Redlands Planning Scheme. This contribution does not cover the cost of local road works necessary for the development that are not part of the roadworks identified in the above mentioned Council policy and that all such costs are the responsibility of the applicant. In this regard the following comments are made:

- The current rate for 2009/2010 per equivalent residential allotment is \$12,685.54;
- The conversion factors (where relevant) for various residential uses are contained in the policy;
- The amount of contribution for a particular development is to be determined in accordance with Clause 1.7 of the policy. This is based on multiplying the maximum number of equivalent tenements permitted on the site by the rate per equivalent tenement by the conversion factor for the particular development proposed;
- The rate of contribution is reviewed annually on 01 July.

Any contributions previously paid may be claimed as contributing towards the amount due to Council.

### **11.5 Water Supply Headworks**

Pay to Council a contribution for water supply augmentation and other works, at the rate applicable at the time of payment, prior to approval of any subsequent 'operational works' application.

The amount payable for this development must comply with Chapter 7 of Planning Scheme Policy 3 in the Redlands Planning Scheme. In this regard the following comments are made:

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- The current rate for 2009/2010 per equivalent tenement is \$6,944.00;
- The conversion factor for water supply headworks payable vary amongst the different uses. Refer to the policy in this regard.
- The amount of contribution for a particular development is determined by multiplying the calculated number of equivalent tenements by the rate per equivalent tenement based on the conversion factor for the particular development included in the table of conversion factors;
- The rate of contribution is reviewed annually on 01 July.

Any headworks previously paid may be claimed as contributing towards the amount due to the Council.

#### **11.6 Sewerage Headworks**

Pay to Council a contribution for sewerage augmentation and treatment, at the rate applicable at the time of payment, prior to approval of any subsequent 'operational works' application.

The amount payable for this development must comply with Chapter 7 of Planning Scheme Policy 3 in the Redlands Planning Scheme. In this regard the following comments are made:

- The current rate for 2009/2010 per equivalent tenement is \$6,788.00;
- The conversion factor for sewerage headworks payable vary amongst the different uses. Refer to the policy in this regard.
- the amount of contribution for a particular development is determined by multiplying the calculated number of equivalent tenements by the rate per equivalent tenement based on the conversion factor for the particular development included in the table of conversion factors;
- The rate of contribution is reviewed annually on 01 July.

Any headworks previously paid may be claimed as contributing towards the amount due to the Council.

NB: If sewerage is not immediately available, no unit is to be occupied until a sewerage service is available.

#### **11.7 Cycleway Infrastructure Contribution**

Pay to Council a contribution for cycleway infrastructure, at the rate applicable at the time of payment, and paid prior to any approval of any subsequent 'operational works' application. The amount payable for this development must comply with Chapter 4A of Planning Scheme Policy 3 in the Redlands Planning Scheme. This contribution is required to fund new and/or improved infrastructure needed to manage the future growth on the Council's mainland. In this regard the following comments are made:

- The current rate for 2009/2010 per equivalent residential allotment is \$1,397.46;
- The conversion factors (where relevant) for various residential uses are contained in Chapter 4A of Planning Scheme Policy 3 in the Redlands Planning Scheme;
- The amount of contribution for a particular development is to be determined in accordance with Clause 1.7 of the policy. This is based on multiplying the maximum number of equivalent tenements permitted on

the site by the rate per equivalent tenement by the conversion factor for the particular development proposed;

- The rate of contribution is reviewed annually on 01 July.

Any contributions previously paid may be claimed as contributing towards the amount due to Council.

#### 11.8 Stormwater Infrastructure Contribution

Pay to Council a contribution for stormwater infrastructure, at the rate applicable at the time of payment, and paid prior to any approval of any subsequent 'operational works' application. The amount payable for this development must comply with Chapter 8 of Planning Scheme Policy 3 in the Redlands Planning Scheme. The purpose of this contribution is to ensure that all areas within the Redlands have effective stormwater infrastructure with sufficient capacity. In this regard the following comments are made:

- The conversion factors (where relevant) for various uses are contained in the policy;
- The amount of contribution for a particular development is to be determined in accordance with Clause 1.4 of the policy;
- The rate of contribution is reviewed annually on 01 July.

Any contributions previously paid may be claimed as contributing towards the amount due to Council.

### C CONDITIONS REQUIRING COMPLIANCE ASSESSMENT

#### 1.0 Landscaping Conditions

##### Approval Plans

1.1 Landscape the site, including adjacent footpath(s) in accordance with the details indicated on the approved Landscape Plan and any other relevant construction documentation.

1.2 Apply for Council approval, prior to site works commencing, for landscaping plan(s) and specifications for the construction of the proposed works. In this regard, the applicant(s) and/or developer must apply for and receive an approval for Operational Works – Compliance Assessment (Landscaping) from the Council.

Note: supporting information is to be provided in accordance with the Redland Planning Scheme (RPS) documents;

- Part 8 General Codes, Division 8 - Landscape Code;
- Part 11-Planning Scheme, Policy 9 Infrastructure Works – Chapter 11 Landscaping;
- Part 11 Planning Scheme, Policy 16 – Safer By Design;
- Part 9 Schedules, Schedule 9 - Street Trees;
- Part 9 Schedules, Schedule 10 - Vegetation Species List; and
- Part 9 Schedules, Schedule 12 - Weed Species List which are available on the Council's web site [www.redland.qld.gov.au](http://www.redland.qld.gov.au) and;
- generally in accordance with *Landscape Concept Plan by Design Instincts drawing no: LCON 735 100, Issue 1, dated July 2009.*

- 1.3 Submit for Council approval, landscaping documentation containing the following information:

**Vegetation Retention**

- a) Indicate where existing vegetation, street trees and overhanging branches from adjacent properties, are to be retained.

**Planting Design**

- b) Design planting with plant material that is in accordance with Schedules 9, 10 and 12 of the RPS. The planting design must not contain any plant material that has been identified in the RPS as:
- declared environmental weeds;
  - an invasive weed; or
  - a poisonous plant in South-East Queensland. Similarly, any existing vegetation that falls within the above categories must be removed.

The design is to provide:

- A hierarchy of planting, which includes shade trees, shrubs and groundcovers.
  - Provide a shady tree focus.
  - Proposed screening any back-of-house service areas, refuse bins from public view.
- c) Provide {2} street trees to Taylor Crescent and {6} street trees to Queen Street and {3} Waterloo Street in accordance with Cleveland Principal Activity Centre Streetscape Design Manual. Stock sizes must be not less than 100 litres with a minimum height of 2 metres, unless otherwise negotiated with the Council.

*NOTE: Street trees must not conflict with services (underground and overhead). If there are Energex overhead power lines, the tree species selection must not conflict with the height of powerlines and the provision of continuous power.*

- d) Remove the existing street trees that are located on Council's verge and as indicated on the 'existing tree plan drawing no: LCON 735 200 - issue 2 dated July 2009'- Trees no: 27, 28 and 29 to Queen Street and no: 26 - Waterloo Street and replanting as per the above requirement for street trees.
- e) Provide screen planting to ensure adequate visual amenity for the adjoining residential building and to screen the western building elevation.
- f) Provide screen planting along the northern boundaries that will extend above the fence height and form a hedge.
- g) Design planting to street frontages, entrances and collection areas that have regard for personal safety and do not provide cover for loiterers.

**Street Furniture**

- h) Provide street furniture in accordance with the Cleveland Principal Activity Centre Streetscape Design Manual. The design, materials and workmanship must be consistent with the standards prescribed in this document. Variations will only be accepted if they are designed as public art and are a unique art element.

**Graffiti & Vandalism**

- i) Provide details of protection measures to all public areas from vandalism, graffiti and in particular skateboard use and resultant damage. It is advised that the applicant liaises with Council for design details for contemporary skateboard deterrents prior to developing detailed construction documentation.

**Street Numbering**

- j) Display the property number of the development in a clear and prominent location either on or in front of the building in a manner which makes it easily visible from the street both day and night.

**Irrigation**

- k) Provide a Management Plan to demonstrate how plant material (including turf) on public land is to be kept alive during the "On Maintenance" period of 12 months.

Note: watering of all plant material is to be done in accordance with Redland City's Watering Restrictions to promote health, viability and growth.

- l) Provide a Management Plan that includes rainwater irrigation from on-site storage tanks for plant material (including turf) on private land; and/or use of water-saving products and materials for the site such as soil-wetting agents and aeration products that;
- have the ability to store water and absorb soluble fertiliser;
  - have the potential to reduce the amount of water required by up to 50%;
  - reduce the amount of fertiliser lost to leaching;
  - enable soils and potting mixes to be easily re-wet;
  - gradually release easily available water to the root;
  - increase soil aeration & improving clay soils;
  - increase the water holding ability of sandy loams by up to 70%; and
  - enhance the self-restoring ability of turfed areas.
- m) Submit details of soil improvement systems to maximise the viability and successful maturity of all plant material. This may include;
- the use of water absorption products mixed in with the soil that allow water and air nutrients to be readily absorbed by the root system;
  - imported compost and topsoil (preferably a premium organic garden blend) ; and

- organic mulch (not pebbles).

### Communal Open Space

- n) All seating in communal open space areas must comply with Australian Standard 1428.1-4: 2001 - Design for Access and Mobility;
- o) All internal pathway / pedestrian connections must comply with Australian Standard 1428.1-4: 2001 - Design for Access and Mobility;
- p) All finished surfaces to private and communal open space areas, at ground level, are not steeper than 1 in 14.

### Hard Landscape Works

- q) Submit to Council, details of all hard landscape works, including:
  - hard and soft surfacing and relevant specifications;
  - demarcation treatments for the shared zone in the internal service road. This may include the use of coloured and textured pavers, signage and illuminated bollards.
  - screening to all bin storage and clothes drying areas from public view. Fenced bin compounds are to have vines or creepers to provide visual amenity.
  - an aggregate threshold to any planted area that abuts a building. The aggregate must form a barrier to the potential entrance to the building by termites. The aggregate threshold must be approx 150mm wide and separate organic mulch from any part of the building.
  - all proposed fencing, and height of proposed retaining walls.
  - location of existing services such as overhead power lines and power poles, underground cabling, etc. which have the potential to impact on the placement of plant material.
  - contours and proposed spot levels especially in critical areas (eg buildings, the top and bottom of any retaining edges and planter beds, and pedestrian ramps).
  - details of invert levels and stormwater outlets to the drawings to verify in accordance with the landscape code.
  - location/s of rainwater tanks.

### Public Art

- r) The eastern building interface to the pedestrian walkway must have a combination of decorative surface treatments and planting to prevent vandalism, to enliven the façade of the building and to provide vitality to the space for users.
- s) The surface treatments are to have a decorative public art element in keeping with the quality of Cleveland's public realm.
- t) A community art program must be initiated with relevant Council Officers to allow surface embellishment at the pedestrian level.
- u) The detail of the elements must have colour and sculptural forms that take their cue from the design themes.

- v) The subject matter for design must have consistent and contemporary environmental themes, which must embed local culture and sense of place, relating to Cleveland and the context of Redland City.
- w) The process for the public art must be mutually collaborative with Council Officers and will form part of the Associated Development Works – Landscape documentation with approvals required for the design concept and construction stage in accordance with Council’s process for public art.

### Lighting Design

- x) Indicate design details and integration of external lighting to driveways and other areas of pedestrian and car conflict. Bollards may be used to demarcate pedestrian uses with overhead lighting to provide a high level of illumination.
  - y) Indicate design details and integration of external lighting to the pedestrian walkway, carparks and other areas of pedestrian and car conflict and integrate the principles of CPTED. Lighting design is to illuminate potential areas of concealment and is to project illumination so that a face is easily discernible from 15metres.
- 1.4 The cost of any new fencing must be borne by the developer.
- 1.5 Approved landscaping works must be completed prior to the use commencing.
- 1.6 Submit to Council “As constructed” details of landscaping works, which must be provided to the Landscape Technical Officer prior to occupancy of the building / commencement of the use. The requirements of such documentation are listed in Planning Scheme Policy 9 Chapter 2 *Documentation and General Conditions*.

### 2.0 Operational Works – Compliance Assessment (Engineering)

#### Approval Plans

- 2.1 Apply for Council approval, prior to site works commencing, for Operational Works plan(s) and specifications for the construction of the proposed works. In this regard, the applicant(s) and/or developer must apply for and receive an approval for Operational Works – Compliance Assessment (Engineering), which includes, but is not limited to, the following details:

#### 2.2 Frontage Works

##### *Queen Street:*

Construct the following works, to Council standards, along the entire frontage of the site to Queen Street.

- a) Footpath earthworks, topsoiling and turfing of all disturbed footpath areas;
- b) Reinstatement of concrete kerb and channel, where required;
- c) Existing accesses to be permanently closed as per the Department of Main Roads conditions/requirements.

- d) A minimum 2.5 metre wide concrete shared path to the Council's standards;
- e) Adjustments and relocations necessary to public utility services resulting from these works;
- f) Signage and line marking as per the Department of Main Roads' standard, titled the Manual of Uniform Traffic Control Devices (MUTCD);

***Waterloo Street:***

Construct the following works, to Council standards, along the entire frontage of the site to Waterloo Street.

- g) Footpath earthworks, topsoiling and turfing of all disturbed footpath areas;
- h) Reinstatement of concrete kerb and channel, where required;
- i) Existing accesses to be permanently closed as per the Department of Main Roads conditions/requirements.
- j) A minimum 2.5 metre wide concrete shared path to the Council's standards;
- k) Adjustments and relocations necessary to public utility services resulting from these works;
- l) Signage and line marking as per the Department of Main Roads' standard, titled the Manual of Uniform Traffic Control Devices (MUTCD);

***Taylor Crescent:***

Construct the following works, to Council standards, along the entire frontage of the site to Taylor Crescent.

- m) Footpath earthworks, topsoiling and turfing of all disturbed footpath areas;
- n) Reinstatement of concrete kerb and channel, where required;
- o) Entry treatment / access to the site as per the Council's standards;
- p) A minimum 2.5 metre wide concrete shared path to the Council's standards;
- q) Adjustments and relocations necessary to public utility services resulting from these works;
- r) Signage and line marking as per the Department of Main Roads' standard, titled the Manual of Uniform Traffic Control Devices (MUTCD);

These works must be completed prior to the use commencing. In this regard, the developer is required to apply for and receive an Operational Works – Compliance Assessment approval from the Council.

### **2.3 Land Dedication**

Dedicate a minimum one metre wide land dedication along the entire Taylor Crescent road frontage as per the approved plans. A survey plan showing the required information must be prepared at the developers cost. The survey plan must be lodged with Council for signing and sealing prior to a development permit for building works being issued for the site. The survey plan must be registered in the Titles Office prior to the commencement of use.

### **2.4 Truncation**

Provide a 12 metre by 3 chord truncation to the corner of Queen Street and Waterloo Street. A survey plan showing the required information must be prepared at the developers cost. The survey plan must be lodged with



Council for signing and sealing prior to a development permit for building works being issued for the site.

## **2.5 Pathway Upgrade**

Upgrade the existing pathway which links Taylor Crescent to Waterloo Street (directly north of Lot 21 on RP119834 & Lot 9 on RP72887) by providing a minimum 2.5 meter wide concrete path.

## **2.6 Car Parking and Internal Driveways**

Apply for and receive an approval from the Council for Operational Works – Compliance Assessment (Engineering) for engineering plans and specifications for the construction of proposed car parking facilities and internal driveways. The following issues are to be addressed:

- a) Compliance with Chapter 15 of Policy 9 – Infrastructure Works in the Redlands Planning Scheme and Australian Standard AS 2890.1: Off Street Parking – Car Parking Facilities.
- b) Car parking spaces are to be linemarked.
- c) As the driveway and parking aisles are longer than 20 metres, there will be a requirement to provide a slow point of 15 km/hour into the roadway.
- d) Provision is to be made for vehicles to turn within the subject site so as to enter and exit the property in a forward gear, without encroachment into formal visitor parking spaces.
- e) Parking areas must not be used for general storage or any purpose other than the parking of motor vehicles.
- f) Construction must comply with the following:
  - i) Surfacing is to be a bituminous seal coat, asphalt, concrete, or pavers, and
  - ii) Properly constructed, drained and maintained to good engineering standards.
- g) All site earthworks, drainage and pavement construction are to be designed and supervised by a Registered Professional Engineer, Queensland (RPEQ). Testing is to be carried out by NATA Registered Laboratories. Prior to occupancy or the use commencing, the Supervising Engineer must submit a certificate certifying that all work has been satisfactorily completed to the quality control criteria for this site.
- h) The edge treatment for internal driveways is mountable kerb and in parking areas is barrier kerb as per the local government approved standard drawings R-RSC-6.

## **2.7 Access Driveway Exits**

Modify the basement carparking entrance/exit area to meet the minimum standards for pedestrian safety in accordance with Fig. 3.3 - Minimum Sight Lines for Pedestrian Safety of AS 2890.1.

Other safety measures must also be provided (1) to give all entering and exiting motorists enough warning to secure the safety of pedestrians and (2) to warn all pedestrians to take precautions at all time, in way of:

- Installing properly located warning signs (location to be approved by Council); and
- Installing speed bump/s if necessary (location to be approved by Council).

## **2.8 Stormwater from Roofed and Paved Areas**

Discharge stormwater drainage from roofed and paved areas to an approved drainage system within the adjoining road reserve(s).

Construction of driveways and drainage must be to the Council and/or Department of Main Roads standards, including the provision for an ARI 100 year's overland flow through driveways, open space areas or easements over adjoining properties. An assessment of the effect of 50% blockage of inlets must be included in the drainage calculations.

Temporary drainage is to be provided during the building construction phase such that discharge from all constructed roofs and paved areas is disposed of to an approved street drainage system and not onto the construction site. This temporary system must be maintained for the duration of building works.

Prior to the commencement of any works within the site, the developer must apply for and receive an Operational Works – Compliance Assessment (Engineering) approval for engineering plans and specifications for the construction of proposed drainage.

Before Council is requested to consider any application for works requiring compliance assessment, the applicant must provide detailed drawings of the proposed stormwater management system as discussed and illustrated on Site-Based Stormwater Quantity Management Plan prepared by HCE Engineers dated December 2009. The drawings may be incorporated into general civil engineering drawings submitted at the operational works stage.

All detailed design, calculations and engineering drawings provided for Operational Works approval must be certified by a Registered Professional Engineer of Queensland.

## **2.9 Stormwater Nuisance and Legal Right of Stormwater Discharge**

Design overland flow paths and underground drainage so as not to directly or indirectly cause nuisance to a downstream or adjoining property. All stormwater from the site must be discharged to the existing stormwater trunk network within Taylor Crescent via a drainage extension as per the Site-Based Stormwater Quantity Management Plan prepared by HCE Engineers dated December 2009.

Before Council is requested to consider any application for works requiring compliance assessment, the applicant is to supply council an updated stormwater management plan detailing the proposed surcharge arrangement on Taylor Crescent. The existing Site-Based Stormwater Quantity Management Plan prepared by HCE Engineers outlines that “major flows will surcharge in the location of the existing grated inlet in Taylor Crescent”.

Information regarding the frequency, volume and velocity of stormwater discharge at this location must be included in the updated stormwater management plan for Council's consideration.

The updated stormwater management plan must also include an analysis outlining the effects of the development's connection to Council's stormwater infrastructure from the proposed connection point to the free outfall of the system into Black Swamp. This analysis must demonstrate surcharging of the system will not occur at any location between the development and the outlet into Black Swamp

It will be the responsibility of the developer to conduct upgrades if reasonably necessary, of the existing Council stormwater network in Taylor Crescent to service the development. All relevant catchments must be taken into consideration by the developer in providing the appropriate stormwater discharge system.

## **2.10 Underground Stormwater Storage**

Design the On-Site Stormwater Detention (OSD) to ensure that this development does not increase peak stormwater flows in any downstream area during major storms up to and including 100 year ARI (1% AEP) events. Further detailed analysis and design requirements in relation to the proposed on-site detention system/tank capacity will be finalised at the operational works compliance assessment approval stage with full engineering plans and details submitted.

The stormwater drainage system (including surface grading, gutters, pipes, surface drains and overland flowpaths) for the property must:

- Be able to collectively convey all runoff to the OSD system in a 100 year ARI (1% AEP) event with a duration equal to the time of concentration on the site.
- Ensure that the OSD storage is by-passed by all runoff from neighbouring properties and any part of the site not being directed to the OSD storage, for storms up to and including the 100 year ARI event.

Apply for and receive an approval from the Council for Operational Works-Compliance Assessment for engineering plans and specifications for the stormwater drainage for the underground detention tank. The proposed system must comply with AS 3500.3:2003 Plumbing and Drainage-Stormwater Drainage and in accordance with the Council's standards and the requirements of the Queensland Urban Drainage Manual (QUDM).

The system must be designed and certified by a suitably qualified Structural / Hydraulic Engineer who is a Registered Professional Engineer of Queensland (RPEQ). The stormwater drainage is also to be in accordance with the Council's standards and the requirements of the Queensland Urban Drainage Manual (QUDM).

The supporting documentation for this application must include a maintenance and pest control program for the proposed system.

### **2.11 Drainage for Apartment Building**

The basement carpark and any vehicle/refuse bin, washbay drainage must be via an appropriate oil-water interceptor to sewer. It is suggested that this drainage system be designed to allow for refuse container cleansing.

#### **General Conditions**

### **2.12 Construction Supervision, Required Council Inspections, and Acceptance of Works by the Council**

Ensure that engineering representatives contact the Council as early in the process as possible.

#### **a) Engineering Works – Supervision**

All site earthworks, drainage and pavement construction must be designed by and the construction supervised by a Registered Professional Engineer, Queensland (RPEQ). Testing must be carried out by N.A.T.A. registered laboratories.

Prior to commencement of the use, the developer's Supervising Engineer must submit a certificate to the Council certifying that all work has been satisfactorily completed in accordance with all requirements of the Council, and to accepted engineering standards.

#### **b) Engineering Works – Council Inspections**

The Council inspections must be called for, and carried out, at the following stages:-

- i) Pre start – This meeting is to be carried out prior to any works commencing, within an existing road reserve or on any infrastructure that will eventually be transferred to the Council.
- ii) Installation of erosion and sediment management measures.
- iii) 'Box' inspection of crossover and footpath with reinforcing in place. Reinforcing mesh is to be supported on bar chairs.
- iv) Stormwater pipelines and manholes bedded and partially backfilled.
- v) 'On Maintenance' inspection of completed works.
- vi) 'Off Maintenance' inspection of works 12 months after acceptance of works on maintenance.

#### **c) Engineering Works – Acceptance of Works by the Council**

The Council's Design Standards for Developments details all requirements to be complied with prior to works being accepted On and Off Maintenance by the Council.

### **2.13 As Constructed Requirements**

As part of all land or building developments within the City, Council requires as-constructed details for any road, roofwater, stormwater, water or sewerage infrastructure installed/constructed. The as-constructed details must:

- a) be supplied and presented in accordance with the standard requirements of Redland Planning Scheme Policy 9 – Infrastructure Works; and
- b) be surveyed and presented on Redland City Council's Co-ordinate System and on AHD vertical datum.

Upon request, the following information can be supplied by Council to assist the developer's survey and engineering consultants meet the above requirements:

- a) A map detailing co-ordinated and or levelled PSMs adjacent to the site.
- b) A listing of Council (RSC) co-ordinates for some adjacent co-ordinated PSMs.
- c) An extract from Natural Resources and Mines' SCDB database for each PSM.
- d) Permanent Survey Mark sketch plan copies.

This information can be supplied without charge once Council receives a signed declaration from the consultant agreeing to Council's terms and conditions in relation to the use of the supplied information.

Refer to Documentation and General Conditions in Chapter 2 of the Infrastructure Works Policy for further details.

#### **2.14 Underground Electricity Supply**

Install underground electricity in accordance with Planning Scheme Policy Chapter 9 and any requirements of the supplier. The developer must liaise with the appropriate authorities for electricity supply. Written confirmation of such liaison and requirements must be provided to the Council, as part of the application for Operational Works – Compliance Assessment from the Council, prior to any works commencing.

A certificate from the relevant electricity supplier must be provided prior to the use commencing confirming that the development is provided with an underground electricity supply.

Underground electricity must be provided for the full frontage/s of the subject site.

#### **2.15 Telecommunications**

Liaise with the appropriate authorities for telecommunications supply. Written confirmation of such liaison and requirements must be provided to the Council, as part of the application for Operational Works – Compliance Assessment from the Council, prior to any works commencing. A certificate from the relevant telecommunications supplier must be provided prior to the use commencing confirming that the development is connected to underground telecommunications.

#### **2.16 Reticulated Water Supply Connection**

Connect the proposed development to the existing reticulated water supply system. Where the existing reticulated water supply does not currently service the site or is not an adequate capacity, the developer must pay to

Allconnex its estimated cost to construct the required connection/s to the site.

Requests for connections and estimates must be made to Allconnex in writing, with details of work required specified. The payment for such works is to be made prior to works being carried out.

#### **2.17 Sewerage Connection**

Connect the proposed development to the existing sewerage system. Where sewerage connections are not available to the site, or where existing connections are not satisfactory for the proposed development, the developer must pay Allconnex its estimated cost to construct the required connections.

Requests for connections and estimates must be made to Allconnex in writing, with details of work required specified. The payment for such works is to be made prior to works being commenced.

#### **2.18 Development Near Underground Infrastructure**

Design building foundations and retaining walls so that no building loads are imposed on the sewer trench. Uses and other development are not to interfere with or adversely affect the function of the existing or proposed underground utility infrastructure.

Comply with the Development Near Underground Infrastructure Code of the Redlands Planning Scheme, Part 8 - General Codes, Division 5 - Development Near Underground Infrastructure.

The development must not be located within 1.5 metres horizontal distance of underground utility infrastructure that is less than 300mm in diameter including connection points, and a minimum horizontal distance of 1 metre from the outer edge of any maintenance holes and pits must be maintained.

The proposed sewer diversion, as per the submitted Concept Sewer Design 4257-100629-SK01 by HCE Engineers, dated 12 July 2010 in response to the DNUI Code of the Redland Planning Scheme, is approved in concept subject to final analysis and assessment by Allconnex at the Operational Works stage.

All detailed design drawings must be certified by a Registered Professional Engineers of Queensland (RPEQ) and must be provided for Operational Works approval.

#### **2.19 Earthworks**

Identify any allotments that are proposed to be used for borrowing of fill. Any significant borrowing or filling may require the approval of the Council. If clarification is required on the significance of the works to be undertaken, contact should be made with the Council to determine the relevant approvals required.

**2.20 Sediment and Erosion**

- a) Prior to and during the construction and maintenance phases of this development, the developer is to be responsible for the installation and maintenance of erosion and sediment management facilities. These facilities must accord with the specific outcomes of the Erosion Prevention and Sediment Control Code until the site works are completed.
- b) At all times the development is to adhere to the “Erosion Prevention and Sediment Control Code” and chapter 4 “Erosion Prevention and Sediment Control” of Policy 9 “Infrastructure Works”.

**3.0 Performance Bonding Agreement**

3.1 In accordance with Planning Scheme Policy 3 – Contributions and Security Bonding, the lodgement of security with the Council in accordance with the table in Condition 3.2 must be undertaken to guarantee the execution of works to be done in association with this approval.

- 3.2 All payments to be made to the Council and/or money to be deposited and/or bond to be lodged pursuant to any condition of this approval must be made:
- Prior to an application for approval of building works on the site being lodged; or
  - Prior to Council being requested to issue any approval for Operational Works – Compliance assessment; or
  - Prior to any construction works or the use commencing; (whichever is the sooner).

Other conditions must, where applicable, be complied with before the use is commenced, unless otherwise required or agreed in writing by the Council or a delegated officer.

Item	Amount	Drawn down	Returned
Engineering Infrastructure external to the site	\$55,000.00	to the greater of \$1,000 and 5% of the value of works, when accepted On Maintenance by the Council	When works are accepted Off Maintenance by the Council (Note – There is a minimum maintenance period of 6 months).
Landscaping	\$50,000.00		When works are accepted 'Off Maintenance' by the Council (Note – There is a minimum Maintenance period of 12 months).
General performance	\$55,000.00	not applicable	When all conditions associated with this approval have been complied with, as accepted by the Council.
<b>TOTAL</b>	<b>\$160,000.00</b>		

- 3.3 In the case of failure to comply with the above conditions, the Council may cause the necessary work to be carried out and may deduct the cost thereof from the money deposited and/or bond held. Should such cost exceed the security held, the applicant(s) and/or the developer and/or their successor must on demand pay to the Council the amount of the works.

**Note:** The approval of this development remains with the land. Accordingly, the responsibility for compliance with the conditions of approval remains with the owner(s) of the land, unless this obligation has been passed to a third party if agreed to in writing by the Council or a delegated officer.

#### **D REFERRAL AGENCY CONDITIONS**

Referral Agency (Concurrence Agency) conditions are as per attachment.

**Note:** The Council's conditions incorporate those of any referral agency.

#### **E ADDITIONAL PERMITS / APPROVALS REQUIRED**

- 1 This approval does not allow development to be carried out. Further development permits are required for building works and plumbing and drainage works.
- 2 Operational Works – Compliance Assessment approvals (from the Council) are required for:
  - Engineering
    - External roadworks and drainage works;
    - Internal car parking and stormwater drainage works
    - Earthworks; and
    - Water and sewer infrastructure.
  - Landscaping
- 3 Building Works – Compliance Assessment approvals (from Council) are required for:
  - Building Works (Demolition)
    - Referral Agency Assessment through Redland City Council to undertake the demolition works or potential asbestos removal is required prior to seeking and obtaining a formal building approval;
- 4 A road opening permit must be obtained from the Council where any works are proposed within an existing road reserve. This approval must be obtained prior to the works commencing.
- 5 Capping of sewer

The applicant must lodge a “Capping of Sewer” application with Redland City Council's Plumbing Department prior to the demolition of any existing buildings on the development property/ies.

**CARRIED**



### **1.3 CATEGORY 1 - MINOR COMPLYING CODE ASSESSMENT AND HOUSEKEEPING (BUILDING AND PLUMBING)**

**Dataworks Filename:** GOV-D&CS Delegated Items  
**Responsible Officer Name:** Bruce Macnee  
Group Manager, Sustainable Assessment  
**Author Name:** Kerri Lee  
Administration Officer, Sustainable Assessment

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#### **EXECUTIVE SUMMARY**

At the General Meeting of 15 May 2002, Council resolved that development assessments be classified into the following four Categories:

- Category 1 – Minor Complying Code Assessments & Housekeeping (Building & Plumbing);
- Category 2 – Complying Code Assessments & Minor Impact Assessments;
- Category 3 – Moderately Complex Code & Impact Assessments;
- Category 4 – Major and Significant Assessments.

A total of 120 Building and Plumbing Applications were dealt with during the period 5 to 16 July, 2010.

The applications detailed in this report have been assessed under Category 1 criteria - defined as complying, policy based Code Assessment, general housekeeping matters and other applications of a minor nature.

#### **PURPOSE**

The purpose of this report is for Council to note that the following applications were dealt with under delegated authority – Category 1 – Minor Complying Code Assessments and Housekeeping.

1. Development application for building works approval assessed against the Redlands Planning Scheme for a domestic outbuilding (detached shed) at 1 Bradman Street and 2 Harvey Street, Russell Island. Ms K.L. Little and Mr D.G. Symons. (BW001176)
2. Development application for building works approval assessed against the Redlands Planning Scheme for a domestic outbuilding (carport) at 292-300 Boundary Road, Thornlands. SE Qld Investments Pty Ltd As Trustee. (BW001174)
3. Development application for building works approval assessed against the Redlands Planning Scheme for a domestic outbuilding (carport) at 3 Eckersly Street, Ormiston. The Certifier Pty Ltd. (BW001152)
4. Development application for building works approval assessed against the Redlands Planning Scheme for a domestic outbuilding (carport) at 138 Fitzroy Street, Cleveland. The Certifier Pty Ltd. (BW001168)
5. Development application for building works approval assessed against the Redlands Planning Scheme for a domestic outbuilding (carport) at 8-14 Treasure Island Avenue, Karragarra Island. Sandee Enterprise Pty Ltd. (BW001182)

6. Development application for building works approval assessed against the Redlands Planning Scheme for domestic additions at 15 Hilda Crescent, Macleay Island. Mr G.M. Nicholls. (BW001175)
7. Development application for building works approval assessed against the Redlands Planning Scheme for domestic additions at 25 Dalpura Street, Macleay Island. Mr J W Bailey. (BW001169)
8. Development application for building works approval assessed against the Redlands Planning Scheme for domestic additions at 50-52 Oasis Drive, Russell Island. Mr W.B. Gynther. (BW000915)
9. Development application for building works approval assessed against the Redlands Planning Scheme to construct a private swimming pool at 102 Tramican Street, Point Lookout. (BW001125)
10. Development application for building works approval assessed against the Redlands Planning Scheme to construct a Communications Structure at 16 Sentinel Court, Cleveland. Applied Building Approvals (BW00111)
11. Development application for a material change of use for a dwelling house at 6 Oomool Street, Macleay Island. Relknex Pty Ltd. (MC012230)

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Reimers

**That the report be noted.**

**CARRIED**

#### **1.4 CATEGORY 2 - COMPLYING CODE ASSESSMENT AND MINOR ASSESSMENTS**

**Datworks Filename:** GOV-D&CS Delegated Items  
**Responsible Officer Name:** Bruce Macnee  
Group Manager, Sustainable Assessment  
**Author Name:** Kerri Lee  
Administration Officer, Sustainable Assessment

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#### **EXECUTIVE SUMMARY**

At the General Meeting of 15 May 2002, Council resolved that development assessments be classified into the following four Categories:

Category 1 – Minor Complying Code Assessments & Housekeeping;  
Category 2 – Complying Code Assessments & Minor Impact Assessments;  
Category 3 – Moderately Complex Code & Impact Assessments; and  
Category 4 – Major and Significant Assessments.

The applications detailed in this report have been assessed under Category 2 criteria - defined as follows:

- Complying small scale types of Code Assessable applications without submission of public objection (i.e. not being adverse submissions); and
- Includes a number of process-related delegations, operational works applications and all other delegations not otherwise listed.

#### **PURPOSE**

The purpose of this report is for Council to note that the following applications were dealt with under delegated authority – Category 2 – Complying Code Assessments and Minor Impact Assessments.

1. Development application for a material change of use for a dwelling house at 5 Cassia Street, Russell Island. Mrs H.C. Quinn. (MC012031)
  2. Development application for a material change of use for a dwelling house at 157-195 Woodlands Drive, Thornlands. JT George Nominees Pty Ltd As Trustee. (MC012011)
  3. Development application for a material change of use for a small lot house at 6 Gotha Street, Cleveland. Mr I.F. Somers. (MC012155)
  4. Development application for a material change of use for a small lot house at 17 Myra Street, Birkdale. LWR Homes Pty Ltd. (MC012174)
  5. Development application for a material change of use for a 2 x display dwellings at 1 Estuary Avenue, Victoria Point. Ausbuild Pty Ltd. (MC012178)
  6. Development application for a material change of use to construct a removal dwelling house at 7 Coleus Street, Russell Island. Mr M.D. and Mrs H.D. Sleight. (MC012216)
  7. Development application for a material change of use for a place of worship at 21-29 Beveridge Road, Thornlands. The Certifier Pty Ltd. (MC012030)
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8. Development application for a material change of use for a dual occupancy at 8 Scott Street, Cleveland. Mr J T Wilson, Mrs D M Wilson, C/- Phil Impey. (MC012102)
9. Application to change a condition of an existing development approval to construct a dwelling house at 39 Cutter Street, Russell Island. Mr S. Cavanough. (MC008481)
10. Request to change an existing development approval for a reconfiguration of lots at 66 Thornlands Road, Thornlands. Sutgold Pty Ltd. (SB004989.3)
11. Application to extend the relevant period of an existing development approval for a material change of use to construct an apartment building at 18-20 Taylor Crescent, Cleveland. Foyle Enterprises. (MC010396)
12. Development application for reconfiguration of lots (one into two lots) at 99 Link Road, Victoria Point. Gateway Survey and Planning. (SB005475)

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Boglary

**That the report be noted.**

**CARRIED**

**1.5 CURRENT APPEALS LIST AS AT 16 JULY 2010****Dataworks Filename: GOV-D&CS Appeals List****Responsible Officer Name: Bruce Macnee  
Group Manager, Sustainable Assessment****Author Name: Anne-Maree Sankey  
Administration Officer****EXECUTIVE SUMMARY**

	<b>File No.</b>	<b>Applicant</b>	<b>Application Details</b>	<b>Hearing Date</b>	<b>Appeal Details</b>
1. WD	SB351901 Appeal 2884 of 1998.	Sabdoen Pty Ltd Point O'Halloran Road, Victoria Point.	Claim against zoning amendment.	Matter adjourned to date to be fixed.	Compensation
2. MR	MC009414 Appeal 1167 of 2007. Received April 2007.	AJ & CL Dowley -v- RSC, 20 Emerson Street, Russell Island.	Application for dwelling house on Residential A lot.	Adjourned to 30 September 2010 for Further Review.	Applicant appeal against Condition 1 of Negotiated Decision.
3. AV	SB005137 Appeal 1034 of 2008. Received April 2008.	Harridan P/L -v- RCC. 46-48 Muller Street, Redland Bay.	Application for MCU and reconfiguration into 62 allotments.	Adjourned to 21 July 2010 for Further Review.	Applicant Appeal against preliminary approval.
4. JS	MC010498 Appeal 1740 of 2008. Received July 2008.	KCY Investments (No 2) P/L -v- RCC 7 Samarinda Drive, Point Lookout.	Application for dwelling house.	Adjourned to date to be fixed.	Applicant appeal against refusal.
5. AV	SB004758.1A SB004758.1B MC007588 Appeal 1880 of 2008. Received July 2008.	Heritage Properties P/L & Ausbuild P/L - v- RCC 268, 278, 296, 310, 332 & 344 Cleveland-Redland Bay Road, Thornlands.	Application for MCU (residential development) and reconfiguration into 34 lots (1A) and 25 lots (1B).	Adjourned for Further Review 6 August 2010. Set down for Hearing September 2010 pool.	Applicant appeal against deemed refusal.

	File No.	Applicant	Application Details	Hearing Date	Appeal Details
6. JS	MC010968 Appeal 2627 of 2008.	Queensland Construction Materials P/L -v- RCC & Ors:  Various Sites on North Stradbroke Island.	Application for Material Change Of Use for Extractive Industry (Removal and Transportation of Sand Tailings) and Environmentally Relevant Activity 20 (Extracting Rock or Other Material).	Preliminary Points Judgment handed down 29 September 2009. Adjourned for Further Review to 9 September 2010.	Applicant Appeal against refusal
	MC010968 Supreme Court Appeal 12616 of 2009. Received November 2009.	Birkdale Progress Association, FOSI, SIMO, Wildlife Preservation Society & Ors -v- Qld Construction Materials P/L	Application for Leave to Appeal the PE Court Preliminary Point Judgment 29 September 2009	Preliminary Point Hearing held 26 March 2010, awaiting judgment.	Submitter Application against PE Court Judgment
7. JS	MC009566 Appeal 3220 of 2008 Received December 2008.	Slade P/L, PJ Laing & J Laing -v- RCC 14-20 Gordon Road, Redland Bay.	Application for Development Permit (Material Change of Use) for residential purposes	Listed for Review 2 August 2010.	Applicant Appeal against refusal.
8. GS	MC011268 Appeal 245 of 2009. Received February 2009.	Sutgold Pty Ltd -v- RCC. 97 Main Street, Redland Bay.	Application for dwelling house on land zoned part Urban Residential/part Open Space.	Listed for Review 2 August 2010.	Applicant Appeal against refusal.
9. AV	SB005347 Appeal 1016 of 2009. Received April 2009.	BMD Properties Pty Ltd -v- RCC 18 Mainsail Street, Birkdale.	Application for reconfiguration into 10 lots.	Listed for Review 3 August 2010.	Applicant Appeal against refusal.
10. AV	MC008405 Appeal 1302 of 2009. Received May 2009.	Ausbild Projects Pty Ltd -v- RCC 104 Kinross Road, Thornlands	Application for rezoning to Residential for reconfiguration into 107 lots.	Adjourned for Further Review 14 October 2010. Set down for Hearing November 2010 pool.	Applicant Appeal against refusal.

	<b>File No.</b>	<b>Applicant</b>	<b>Application Details</b>	<b>Hearing Date</b>	<b>Appeal Details</b>
11. AV	MC008305 Appeal 1303 of 2009. Received May 2009.	PEET Thornlands Pty Ltd –v- RCC 89-101 Kinross Road, Thornlands	Application for rezoning to Residential for reconfiguration into 102 lots.	Adjourned for Further Review 14 October 2010. Set down for Hearing November 2010 pool.	Applicant Appeal against refusal.
12. AW	MC010645 Appeal 1615 of 2009. Received June 2009.	HJ & HM Harrison – v- RCC 68-80 Kinross Road, Thornlands.	Application for temporary vehicle depot.	Listed for Review 3 August 2010.	Applicant Appeal against refusal.
13. AW	MC010715 Appeal 1963 of 2009 Received July 2009.	JT George Nominees P/L –v- RCC Cnr Taylor Rd & Woodlands Dve, Thornlands.	Application for preliminary approval for MCU for neighbourhood centre, open space and residential uses (pursuant to a concept master plan).	No date set.	Applicant Appeal against refusal.
14. AW	MC009598 Appeal 2271 of 2009. Received August 2009.	J G Clissold as Trustee –v- RCC 11-15 Nicholas Street, Russell Island	Application for Child Care Centre.	Adjourned for Further Review 29 July 2010.	Applicant Appeal against refusal.
15. AW	MC011579 Appeal 2345 of 2009. Received August 2009.	S Maller & Y Allayban –v- RCC 9 Piccaninny Street, Macleay Island	Application for Dwelling House.	Listed for Review 4 August 2010.	Applicant Appeal against refusal.
16. AW	MC011745 Appeal 3296 of 2009. Received November 2009.	S Mergler –v- RCC 106 Beelong Street, Macleay Island	Application for Dwelling House.	Listed for Review 12 August 2010.	Applicant Appeal against conditions of approval.
17. AW	MC010225 Appeal 3391 of 2009. Received December 2009.	M Parsons –v- RCC 65 Coondoorroopa Drive, Macleay Island	Application for Dwelling House.	Adjourned for Further Review 26 August 2010.	Applicant Appeal against conditions of approval.

	File No.	Applicant	Application Details	Hearing Date	Appeal Details
18. JS	MC011322 Appeal 3566 of 2009. Received December 2009.	Casagrande Investments Pty Ltd -v- RCC 537-547 Redland Bay Road, Victoria Point	Application for Multiple Dwelling (13 units)	Hearing adjourned to 13 August 2010.	Applicant Appeal against refusal.
19. JS	MC009585 Appeal 290 of 2010. Received January 2010.	HIB Investments P/L -v- RCC 2-6 School of Arts Rd, Redland Bay	Application for mixed use development (shops, showroom class A, refreshment establishment)	No date set.	Application Appeal against refusal.
20. JS	MC011141 Appeal 1052 of 2010. Received April 2010.	Florina Pty Ltd -v- RCC 241-259 Boundary Road, Thornlands	Application for development permit to extend existing flower farm.	No date set.	Applicant Appeal against conditions of approval.
21. JS	MC010624 Appeal 2675 of 2009. Received September 2009.	L M Wigan -v- RCC 84-122 Taylor Road, Thornlands	Application (superseded planning scheme) for development permit for MCU for residential development (Res A & Res B).	Notice of Repeal of Ministerial Call-in of Development Application received 18 May 2010. Appeal returned to Planning & Environment Court. No date set.	Applicant Appeal against refusal.
22. JS	MC011076 Appeal 1801 of 2010. Received June 2010.	B J McFadden -v- RCC 82-84 Beveridge Road, Thornlands	Application for development permit for MCU to establish indoor recreation centre (boxing training facility)	No date set.	Applicant Appeal against conditions of approval.

Information on appeals may be found as follows:

### 1) Planning and Environment Court

- a. Information on current appeals and declarations with the Planning and Environment Court involving Redland City Council can be found at the District Court web site using the "Search civil files (eCourts) Party Search" service:  
<http://www.courts.qld.gov.au/esearching/party.asp>
- b. Judgements of the Planning and Environment Court can be viewed via the Supreme Court of Queensland Library web site under the Planning and Environment Court link:  
<http://www.sclqld.org.au/qjudgment/>



**2) Redland City Council**

The lodgement of an appeal is acknowledged with the Application details on the Councils "Planning and Development On Line - Development - Application Inquiry" site. Some Appeal documents will also be available (note: legal privilege applies to some documents). All judgements and settlements will be reflected in the Council Decision Notice documents:

<http://www.redland.qld.gov.au/Planning/Pages/default.aspx>

**3) Department of Infrastructure and Planning (DIP)**

The DIP provides a Database of Appeals (<http://services.dip.qld.gov.au/appeals/>) that may be searched for past appeals and declarations heard by the Planning and Environment Court. The database contains:

- A consolidated list of all appeals and declarations lodged in the Planning and Environment Courts across Queensland of which the Chief Executive has been notified.
- Information about the appeal or declaration, including the appeal number, name and year, the site address and local government.

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Reimers

Seconded by: Cr Ogilvie

**That the report be noted.**

**CARRIED**

**MEETING CLOSURE**

There being no further business, the meeting closed at 10.36am.

Signature of Chairperson:

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Confirmation Date:

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**11.2 DEVELOPMENT & COMMUNITY STANDARDS COMMITTEE 17/8/2010**[Development & Community Standards Committee Minutes 17/8/2010](#)

The Development & Community Standards Committee resolutions of 17 August 2010 are presented to Council for noting.

**COUNCIL RESOLUTION**

Moved by: Cr Townsend  
Seconded by: Cr Williams

**That the Development & Community Standards Committee Minutes of 17 August 2010 be received and resolutions noted.**

**CARRIED**

**11.2.1 AMENDMENTS TO FEES AND CHARGES SCHEDULE 2010/2011**

**Dataworks Filename:** FEES AND CHARGES  
**Attachment:** [Amendments to Current Fees and Charges Schedule](#)  
[Proposed Additions to Current Fees and Charges Schedule](#)  
**Responsible Officer Name:** Toni Averay  
General Manager Development & Community Standards  
**Author Name:** Tricia Bell  
Group Manager Business and Performance

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**EXECUTIVE SUMMARY**

Council adopted the 2010/2011 Fees and Charges Schedule at its Special Meeting of 25 June 2010.

A number of minor errors, omissions and clarifications have been identified in the Development and Community Standards Fees and Charges Schedule which need to be corrected. Accordingly, this report seeks approval for the 2010/2011 Fees and Charges Schedule to be amended to reflect these changes. These amendments are detailed in Attachment 1.

A number of new fees are also proposed for inclusion in the Development and Community Standards Fees and Charges Schedule. These new fees were inadvertently omitted from Council's 2010/2011 Fee Schedule. Accordingly, this report seeks approval for the 2010/2011 Fees and Charges Schedule to be amended to reflect these changes. These amendments are details in Attachment 2.

## **PURPOSE**

The purpose of this report is to seek Council approval to amend the 2010/2011 Fees and Charges Schedule as detailed in Attachments 1 and 2.

## **BACKGROUND**

Following Council's adoption of the 2010/2011 Fees and Charges Schedule, a number of items were identified as requiring amendment and/or clarification in the schedule. A significant number of these relate to the use of Council's Proclaim property management system and highlighted the need to amend those Development and Community Standards fees and charges which contain a GST component. The current approved fees require an officer to manually adjust each fee as it is entered into the system. The minor amendments proposed will allow the Proclaim system to automatically calculate each fee and negate the use of dedicated resources to undertake this task.

Further, a number of minor errors and omissions have been identified since Council's adoption of the 2010/2011 Fees and Charges Schedule. These are outlined below.

### **AMENDMENTS TO CURRENT FEES AND CHARGES SCHEDULE**

The relevant corrections have been identified in the attached table titled Amendments to Current Fees and Charges Schedule (Attachment 1). These amendments reflect a number of errors or omissions in the original schedule. The document also reflects some areas where fees need clarification. This clarification has been identified following consultation with Department officers, internal referral areas and stakeholders. An explanation relevant to each proposed amendment is listed in the 'comments' section of the document.

### **PROPOSED ADDITIONS TO CURRENT FEES AND CHARGES SCHEDULE**

A number of new fees have been identified as omissions from the original Fees and Charges Schedule. These additions are listed in the attached table titled Proposed Additions to Current Fees and Charges Schedule (Attachment 2). These additions are listed below.

- Tree Planting Contributions (Street Trees) 25 litre bag size - \$130.00;
- Tree Planting Contributions (Street Trees) 100 litre bag size - \$360.00; and
- Search Cancellation Fee – Per Application - \$25.00.

## **ISSUES**

The adoption of the proposed amendments to the 2010/2011 Fees and Charges Schedule will ensure clarity for Council's customers and reinforce the Department's commitment to customer service.

## **RELATIONSHIP TO CORPORATE PLAN**

Implement long term asset management planning that supports innovation and sustainability of service delivery, taking into account the community's aspirations and capacity to pay for desired service levels.

## **FINANCIAL IMPLICATIONS**

Overall, there is a negligible impact on the Department's budget bottom line. The proposed changes are detailed in the attached documents:

- Amendments to Current Fees and Charges Schedule (Attachment 1)
- Proposed Additions to Current Fees and Charges Schedule (Attachment 2)

## **PLANNING SCHEME IMPLICATIONS**

There are no implications for the Redlands Planning Scheme.

## **CONSULTATION**

All areas of the Development and Community Standards Department were consulted, in particular:

- Group Manager Sustainable Assessment
- Group Manager Community Standards
- Group Manager Building and Plumbing Services

Additionally, advice and comments were sought from the Budget and Management Reporting Officer in Council's Financial Services Group.

## **OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Townsend

Seconded by: Cr Reimers

**That Council resolve that the proposed changes to the 2010/2011 Development and Community Standards Fees and Charges Schedule, as detailed in the attachments, be approved and become effective from 25 August 2010.**

**CARRIED**

**Development and Community Standards  
Amendments to Current Fees and Charges Schedule**

Page No.	Fee Name	Adopted/Current	Proposed	Comments
24	Explanatory Notes Item 3	Combined applications (involving more than one type of development) and/or Multiple Land Uses	2 <sup>nd</sup> paragraph – add “MCU” following “where an”. Sentence to now read: Where an <b>MCU</b> application involves more than one type of land use, then the fee is to be based on the highest land use fee plus 75% of the fee for each additional land use proposed as part of the application.	<b>NO CHANGE TO FEE AMOUNT</b> Word added to ensure clarification for customers.
24	Explanatory Notes Item 4	Refund of Fees for Withdrawn Applications	Last paragraph, add a new sentence: <b>Prior to payment, the total amount of the refund to be paid will be reduced by the amount of the refund administration fee as set in Item 1 above.</b>	<b>NO CHANGE TO FEE AMOUNT</b> Words added to ensure clarification for customers. This is the process currently undertaken.
25	Explanatory Notes Item 7.1	Bonafide Charities and Not for Profit Organisations	Replace final sentence “written request for charities/not for profit organisation discount must be approved and supplied with the application to receive the discount at lodgement” with the words: <b>“Supporting documentation confirming the status as an eligible charity or not for profit organisation must be supplied with the application to receive the discount at lodgement”.</b>	<b>NO CHANGE TO FEE AMOUNT</b> Replace words to provide clarification for customers.
40	Material Change of Use Residential – Category 1	Building Works – Private Swimming Pool – Code Assessment	Insert word to read: Building works – Private Swimming Pool – Code Assessment <b>only</b>	<b>NO CHANGE TO FEE AMOUNT</b> Word inserted for clarification only
43	Extractive Industry (up to 1ha site area)	Base fee + per unit \$30,000 plus \$200 per ha (> 1ha)	<b>Delete “(up to 1ha site area)”</b>	<b>NO CHANGE TO FEE AMOUNT</b> These fees are a duplication. Combining both fees into one for clarification when calculating fee.
43	Extractive Industry (over 1ha site area)	Base fee + per unit \$30,000 plus \$200 per ha (> 1ha)	<b>Delete</b> entire fee	
44	Telecommunications Facility	Base fee + per unit	<b>Per application</b>	<b>NO CHANGE TO FEE AMOUNT</b> Clarification of wording to align with Council resolution at its General Meeting of 28 October 2009, item 14.3.1 “to adopt a flat fee for future development applications for telecommunications towers of \$5,997.00”.

Page No.	Fee Name	Adopted/Current	Proposed	Comments
46	Other Development – Building Works RPS	Dwelling House, Domestic Additions and Domestic Outbuildings – ‘Development near Underground infrastructure’ Setback Variation only	Add words to read: Dwelling House, Domestic Additions and Domestic Outbuildings – ‘Development near Underground infrastructure’ Setback Variation only – <b>Code Assessment Only</b>	<b>NO CHANGE TO FEE AMOUNT</b> Words added to provide clarity and consistency
46	Operational Works	Re-checking of Engineering Drawings (per submission)	Change words to read: Re-checking of <b>Operational Assessment</b> Drawings (per submission)	<b>NO CHANGE TO FEE AMOUNT</b> Word change only to reflect business process and list directly under Operational Works heading.
49	Building Certification Commercial Industrial Assessment Fee 2001m2 and over	2000m2 and over	<b>2001m2</b> and over	<b>NO CHANGE TO FEE AMOUNT</b> Amendment to 2001m2 for clarification when calculating fee.
50	Special Structures Retaining walls, tennis courts, antennas excluding pool fencing	Per application \$311.00	Add: <b>Examples of commercial special structures:</b> <b>1. Class 10B – Other Class 10B Structures</b> <b>2. Deck</b> <b>3. HorticStr – Large Horticultural Shed or Structure</b> <b>4. Lights – lights</b> <b>5. Pergola – Unroofed Pergola</b> <b>6. Roofed Str – non Habital Roofed Building or Structure</b> <b>7. Signs – Sign Structure</b> <b>8. TennisCrt – Tennis Court</b> <b>9. Commercial swimming pool</b>	<b>NO CHANGE TO FEE AMOUNT</b> Examples added for clarification when calculating fee.
51	Commercial and industrial Building Records	\$155.00	Add words: <b>“minimum cost”</b>	<b>NO CHANGE TO FEE AMOUNT</b> Adding words for clarification when calculating fee.
51	New Mixed use property	\$155.00	Delete words: <b>“ie: residential and commercial ie: home based business”</b>	<b>NO CHANGE TO FEE AMOUNT</b> Removing words for clarification when calculating fee.
51	PART A – D3 – Hydraulic Services Plans	Minimum cost as per the fee schedule	Replace word “cost” with <b>“charge plus copying”</b>	<b>NO CHANGE TO FEE AMOUNT</b> Replacing word for clarification calculating fee.
51	PART A – D5 – Fire Safety Application/Insp	Per item minimum charge	Add words: <b>“plus copying as per the fee schedule”</b>	<b>NO CHANGE TO FEE AMOUNT</b> Adding words for clarification when calculating fee.
45	Other – Additional Reconfiguration Fees Category D Community Titles Schemes	Community/Building Management Statement Mainland (Per Statement) \$520.00	<b>\$700.00</b>	<b>CHANGE TO FEE AMOUNT</b> Fees combined to provide consistency and equity in fees and charges across Redland City.

Page No.	Fee Name	Adopted/Current	Proposed	Comments
45	Other – Additional Reconfiguration Fees Category D Community Titles Schemes	Community/Building Management Statement Islands (Per Statement) \$820.00	Delete	
47	Additional Inspections	Reinspection for Works on Site \$450.00	Reduce fee to <b>\$200.00</b>	<b>CHANGE TO FEE AMOUNT</b> Standardisation of fees to ensure parity across Council. Note: now aligns with standard inspection fee of \$200.
48	Admin Fee	For the inspection and release of bonds	Delete	<b>CHANGE TO FEE AMOUNT</b> No longer applicable as reinspection fee applies.
49	Commercial/Industrial Class 2-9	Per application \$250.00	Delete entire fee	<b>CHANGE TO FEE AMOUNT</b> Fee not required
49	Commercial Amendment after approval	Per item \$275.00	Delete entire fee	<b>CHANGE TO FEE AMOUNT</b> Not required
49	Completion Certificate (Final Stage)	Per item \$192.00	Delete entire fee	<b>CHANGE TO FEE AMOUNT</b> Not required
49	Additional Assessment of Dwellings within a Bushfire Zone (triggered by Redlands Planning Scheme, and Australian Standard No: 3959)	Per application \$529.00	Delete	<b>CHANGE TO FEE AMOUNT</b> Not required
51	Digital Data – where statements or links provided NIL CHARGE for items covered by Building, Plumbing	Delete	Delete	<b>CHANGE TO FEE AMOUNT</b> Not required
53	Site Evaluation	Scrutiny of externally submitted assessment Assessment undertaken by RCC	Delete	<b>CHANGE TO FEE AMOUNT</b> Not required – this follows committee approval of recommendation to discontinue these services as per report of Group Manager Building and Plumbing Services at the DCS Committee Meeting of 17 August 2010.
53	Property Assessments – 10% discount will apply for ten (10) or more applications lodged at the same time for the same island	Scrutiny of externally submitted assessment Assessment undertaken by RCC	Delete	
26	Regulated Dog – Registration (entire)	per dog \$295.00	per dog <b>\$265.00</b>	<b>REDUCTION TO FEE AMOUNT</b> Council approved the fees to include a special collar. As this collar does not form part of the conditions for keeping a regulated dog under the <i>Animal Management (Cats and Dogs) Act 2008</i> , Council is unable to enforce or introduce this collar. The fee must be reduced by \$30.00 for both dangerous and menacing dogs.
26	Regulated Dog – Registration (desexed)	per dog \$248.90	per dog <b>\$218.90</b>	
26	Regulated Dog – Collar	Delete	Delete	



Page No.	Fee Name	Adopted/Current	Proposed	Comments
37	SPERS (Registration Fee)	Fees set by SPER (external agency) \$52.00	<b>\$53.00</b>	<b>INCREASE TO FEE AMOUNT</b> Information was received from SPER advising fee increase from \$52.00 to \$53.00. This information was received after the budget had been approved by Council.
<b>NOTE: The following contain minor amendments to the fee amount to allow the Proclaim system to calculate fees automatically – currently manual process.</b>				
48	Amendments during assessment and prior to development permit	Per application \$178.00	Base Charge: \$161.80 Final Charge: \$177.98	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
48	Amendments after development permit and prior to completion	Per application \$314.00	Base Charge: \$285.55 Final Charge: \$314.05	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
48	Building Work without fixtures	Per application \$109.00	Base Charge: \$99.10 Final Charge: \$109.01	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
48	Swimming Pool	Per application \$109.00	Base Charge: \$99.10 Final Charge: \$109.01	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
48	Building Class 1a Assessment: 41m2 to 150m2	Per application \$310.00	Base Charge: \$281.80 Final Charge: \$309.98	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
48	151m2 to 400m2	Per application \$529.00	Base Charge: \$480.90 Final Charge: \$528.99	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
48	401m2 and above	Per application \$619.00 +\$1.70m2 above 401m2	Base Charge: \$562.70 +\$1.6m2 above 401m2 Final Charge: \$618.97 +\$1.76m2 above 401m2	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
48	Building Class 10a Garages/Sheds/Carports 41m2 and above	Per application \$311.00	Base Charge: \$282.70 Final Charge: \$310.97	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.

Page No.	Fee Name	Adopted/Current	Proposed	Comments
49	Assessment Fee up to 150m2	Per application \$650.00	Base Charge: \$590.90 Final Charge: \$649.99	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Assessment Fee 151m2 to 300m2	Per application \$850.00	Base Charge: \$772.70 Final Charge: \$849.97	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Assessment Fee 301m2 to 500m2	Per application \$1350.00	Base Charge: \$1227.30 Final Charge: \$1350.03	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Assessment Fee 501m2 to 1000m2	Per application \$1350.00	Base Charge: \$1227.30 Final Charge \$1350.03	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Assessment Fee 1001m2 to 2000m2	Per application \$2650.00	Base Charge: \$2409.10 Final Charge \$1650.01	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Standard Inspection/s – Commercial Building	Per item \$274.00	Base Charge: \$249.10 Final Charge: \$274.01	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Demolition (Domestic and Commercial)	Per application \$243.00	Base Charge: \$220.90 Final Charge: \$242.99	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Request prior to expiration of currency period	Per application \$311.00	Base Charge: \$282.70 Final Charge: \$310.97	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Class 1a Inspections (Habitable Dwellings)	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Re-inspection	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.

Page No.	Fee Name	Adopted/Current	Proposed	Comments
49	Class 10a Inspections (Shed, carports and other outbuildings)	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Re-inspection	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Class 10b Inspections – Special Structures, Swimming Pool Fencing, Pool Compliance Inspection (Building and Other legislation Amendment Bill 2010)	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
49	Re-inspection	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
50	Inspection for Private Certifier as competent person – Mainland	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
50	Inspection for Private Certifier as competent person - SMBI	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
50	Inspection for Private Certifier as competent person - Stradbroke	Per inspection \$192.00	Base Charge: \$174.50 Final Charge: \$191.95	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
50	Special Structures Retaining walls, tennis courts, antennas excluding pool fencing	Per application \$311.00	Base Charge: \$282.70 Final Charge: \$310.97	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.
51	Temporary Structure Building Assessment	Per application \$311.00	Base charge: \$282.70 Final Charge: \$310.97	<b>MINOR CHANGE TO FEE AMOUNT</b> Amendment to fee amount to allow Proclaim system to calculate fees. Current fee requires officer to manually adjust each time fee entered.

**Development and Community Standards  
Proposed Additions to Current Fees and Charges Schedule**

<b>Page No.</b>	<b>Fee Name</b>	<b>Adopted/Current</b>	<b>Proposed</b>	<b>Comments</b>
25	Explanatory Notes Item 6	Security Bonds	Add the heading and dot point: <b>Contributions</b> <ul style="list-style-type: none"> <li>• <b>Tree Planting Contribution</b></li> </ul>	<b>NEW FEE EXPLANATORY NOTE</b> This fee was omitted from the current schedule. The fee was applicable in 2009/2010. Words included for consistency.
46	Engineering Assessment	Addition	<b>Contributions</b> <b>Tree Planting Contributions (Street Trees) 25 litre bag size \$130.00</b>	<b>NEW FEE</b> This fee was included in the 2009/2010 Fees and Charges Schedule but omitted from 2010/2011 Fees and Charges Schedule. Adjusted for CPI.
46	Engineering Assessment	Addition	<b>Contributions</b> <b>Tree Planting Contributions (Street Trees) 100 litre bag size \$360.00</b>	<b>NEW FEE</b> This fee was included in the 2009/2010 Fees and Charges Schedule but omitted from 2010/2011 Fees and Charges Schedule. Adjusted for CPI.
51	Records Search – Conveyancing	No current fee	<b>Search Cancellation Fee</b> <b>Per application</b> <b>\$25.00</b>	<b>NEW FEE</b> Fee omitted from original list. Adjusted for CPI.

**11.2.2 ON-SITE SEWERAGE MONITORING PROGRAM**

(See item 17.1.1 for Council resolution in this matter)

**11.2.3 PROPERTY ASSESSMENTS ON SOUTHERN MORETON BAY ISLANDS**

**Dataworks Filename:** GOV Committee Reports - Development & Community Standards

**Responsible Officer Name:** Toni Averay  
General Manager Development & Community Standards

**Author Name:** Brian May  
Group Manager Building and Plumbing Services

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**EXECUTIVE SUMMARY**

A confidential report from Group Manager, Building & Plumbing Services dated 12 August 2010 was discussed in closed session.

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Townsend  
Seconded by: Cr Elliott

**That Council resolve as follows:**

- 1. That Council will no longer offer the services of property assessments for non-sewered properties, or the service of evaluation of a site and soil assessment submitted by an external appropriately qualified and accredited consultant;**
- 2. That the regulatory fees of \$447 and \$368 respectively be removed from the Fees and Charges Schedule for 2010/11; and**
- 3. That Council will continue to honour property assessments issued prior to the date of this resolution for a period of 12 months.**

**CARRIED**

## 12 PLANNING & POLICY COMMITTEE 4/08/10 - RECEIPT AND ADOPTION OF MINUTES

Moved by: Cr Bowler  
Seconded by: Cr Elliott

That the Planning & Policy Committee Minutes of 4 August 2010 be received.

CARRIED

### 12.1 ITEMS DELEGATED TO COMMITTEE FROM COUNCIL

This item was resolved at the Planning & Policy Committee meeting of 4/8/2010. The Committee's decision is now presented to Council for noting only, as part of this report on the Committee's deliberations.

#### 12.1.1 DESIGNATED BUSHFIRE PRONE AREAS

**Datworks Filename:** LUP Redlands Planning Scheme – Administrative Amendments  
**Responsible Officer Name:** Martin Hunt  
Principal Advisor - City Wide Planning  
**Author Name:** Tim Channell  
Strategic Planner

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### EXECUTIVE SUMMARY

At the General Meeting of 28<sup>th</sup> July 2010, Council resolved as follows:

*To delegate authority under section 257 of the Local Government Act 2009 to the Planning and Policy Committee on 4<sup>th</sup> August 2010 to make resolutions on the following matters:*

- 1) Redlands Planning Scheme Amendment 1C
- 2) Designated Bushfire Prone Areas

Pursuant to section 32 of the *Building Act 1975* and section 12 of the *Building Regulations 2006*, a local government may designate by resolution an area in its planning scheme as a "designated bushfire prone area" for the purpose of triggering the bushfire provisions of the *Building Code of Australia (BCA)*. For those areas, the application of section 3.7.4 of the *BCA* and *Australian Standard (AS) 3959 - 2009 Construction of buildings in bushfire prone areas* becomes applicable where there is assessable building works.

## PURPOSE

To seek Council resolution to declare the medium bushfire hazard identified on the Bushfire Hazard Overlay map under the Redlands Planning Scheme as a “designated bushfire prone area” under section 12(1) of the Building Regulations 2006.

## BACKGROUND

In accordance with section 12(1) of the Building Regulations 2006, Council at its General Meeting on 28/02/2007 declared by resolution:

- a) To designate land identified within the high bushfire hazard and Southern Moreton Bay Islands bushfire hazard of the Redlands Planning Scheme as designated bushfire prone areas for the *BCA*.
- b) To amend the Redlands Planning Scheme note under section 5.3.6 of the Bushfire Hazard Overlay Code – to read “Land identified within the High Bushfire Hazard and Southern Moreton Bay Islands Bushfire Hazard is designated as a bushfire prone area and the medium category bushfire protection provisions of the *BCA* apply for the purposes of section 12(1) of the *Building Regulation 2006*.”

Notes were included into the Overlay Code and placed on the Overlay Maps to reflect this resolution. Subsequently, the Bushfire Hazard Overlay now incorporates the following advice (part 5 –Overlays, Division 3 – Bushfire Hazard Overlay – Page 1):

Note -

Land identified within the High Bushfire Hazard and Southern Moreton Bay Islands Bushfire Hazard is designated as a bushfire prone area and the medium category bushfire protection provisions of the *Building Code of Australia* apply for the purposes of the *Building Regulations 2006*.

If the use or other development is on a premises that has been created through a reconfiguration approval, since the current RPS version update, the matters for consideration against the Code are deemed to have been addressed. This applies to uses and other development that are listed as self-assessable in the applicable zone code.

## ISSUES

For a proposed dwelling in a designated bushfire prone area under the *BCA*, it must comply with part 3.7.4 of the Building Code of Australia and in turn, AS3959 - 2009. To comply with these requirements, the proposed building (dwelling or outbuilding) would need to introduce design and material requirements into the construction (fire rated), setbacks to the hazard (fire breaks), evacuation routes, and an adequate water supply on the premise. Under schedule 4 of the Sustainable Planning Regulations 2009 (SPR), a material change of use for a detached house (class 1a building) or associated buildings such as a shed or carport (class 10



buildings/structures) in a residential zone can now be made exempt development where meeting defined criteria. Given medium bushfire hazard areas are not declared “designated bushfire prone area” for the purpose of the BCA, a proposed detached house in a residential zone subject to the exemption under SPR, would not require a planning permit – only a building works approval from a Building Certifier. In this instance, the Building Certifier is not required to assess the building against part 3.7.4 of the BCA and hence AS3959 – 2009.

In summary, dwellings in the medium bushfire hazard are consequently not being assessed against these provisions, and the RPS Bushfire Hazard Overlay provisions are not being triggered (bushfire management plans, building location envelope requirements etc.).

It is recommended that Council declare the medium bushfire hazard area under the Redlands Planning Scheme as a “designated bushfire prone area” and amend notation on bushfire overlay mapping and in planning scheme to state that medium bushfire hazard areas are now declared “designated bushfire prone areas”.

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's ‘Wise Planning & Design’ outcome – We will carefully manage population pressures and use land sustainably while advocating and taking steps to determine limits of growth and carrying capacity on a local and national basis, recognising environmental sensitivities and the distinctive character, heritage and atmosphere of local communities. A well-planned network of urban rural and bushland areas and responsive infrastructure and transport systems will support strong, healthy communities.

5.10 Maintain the quality and liveability of residential areas and protect natural resources

## **FINANCIAL IMPLICATIONS**

None identified as an implication to Council.

## **PLANNING SCHEME IMPLICATIONS**

The outcome of adopting the recommendations will result in administrative amendments to the Redlands Planning Scheme.

## **CONSULTATION**

Land use planning group has consulted with:

- Manager, Sustainable Assessment and Senior Planner-Project Manager, Development and Community Standards
- Legal Services Team Leader, Environmental Strategies
- Principal Advisor, Environmental Management Group

**OPTIONS****PREFERRED**

That Council under section 12(1) of the Building Regulations 2006, designate areas identified as medium bushfire hazard under the Bushfire Hazard Overlay Code and Map(s) of the Redlands Planning Scheme as a “designated bushfire prone area”.

That action be taken to amend the existing note in the Redland Planning Scheme Bushfire Hazard Overlay code and the notation on Bushfire Hazard overlay maps to reflect this designation.

**ALTERNATIVE**

Maintain the current policy position which does not recognise medium bushfire hazard areas under the Redlands Planning Scheme as “designated bushfire prone area”.

**OFFICER’S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Committee, under delegated authority, resolve as follows:**

- 1. That Council *under section 12(1) of the Building Regulations 2006*, designate areas identified as medium bushfire hazard under the Bushfire Hazard Overlay Code and Map(s) of the Redlands Planning Scheme as a “designated bushfire prone area”; and**
- 2. That action be taken to amend the existing note in the Redland Planning Scheme Bushfire Hazard Overlay code and the notation on Bushfire Hazard overlay maps to reflect this designation.**

**CARRIED****COUNCIL RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Townsend

**That the item be noted.**

**CARRIED**

This item was resolved at the Planning & Policy Committee meeting of 4/8/2010. The Committee's decision is now presented to Council for noting only, as part of this report on the Committee's deliberations.

### 12.1.2 REDLANDS PLANNING SCHEME AMENDMENT 1C

**Datworks Filename:** LUP Redlands Planning Scheme Amendment 1c

**Attachment:** [Attachment 1](#)  
[Attachment 2 - Maps](#)

**Responsible Officer Name:** Wayne Dawson  
Manager, Land Use Planning Group

**Author Name:** Michael Beekhuyzen  
Acting Principal Advisor, Local Area & Strategic Planning

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### EXECUTIVE SUMMARY

At the General Meeting of 28<sup>th</sup> July 2010, Council resolved as follows:

*To delegate authority under section 257 of the Local Government Act 2009 to the Planning and Policy Committee on 4<sup>th</sup> August 2010 to make resolutions on the following matters:*

- 1) Redlands Planning Scheme Amendment 1C
- 2) Designated Bushfire Prone Areas

Council adopted proposed Redlands Planning Scheme (RPS) Amendment 1C at its General Meeting on 25 March 2009 for the purposes of public notification and consultation. The purpose of RPS Amendment 1C is to facilitate future land exchange programs on the Southern Moreton Bay Islands (SMBIs) by including unconstrained Council freehold lots that have been identified as surplus to public requirements in the SMBI Residential zone.

Council decision to publicly notify RPS Amendment 1C followed 1st State Interest Review and approval by the Minister for Infrastructure and Planning to publicly notify the proposed amendment of the RPS

Amendment 1C was subsequently publicly notified between 28 April and 11 June 2009. All properly made submissions were reviewed and duly considered by Council at its General Meeting on 29 July 2009. On 10 September 2009, RPS Amendment 1C was sent to the Minister for 2nd State Interest Review and Ministerial approval to allow Council to adopt the amendment.

In response, Council received correspondence on 24 May 2010 from the Department of Infrastructure and Planning that Amendment 1C cannot be recommended to the Minister for approval. The Department of Infrastructure and Planning (DIP) indicated

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that this decision is based on internal inconsistencies of Council resolutions on Amendment 1C that make it legally unclear what amendment to the RPS is being proposed. While Council officer representations were made on this matter, the Department has maintained the position regarding the inconsistencies and sought Council to address the circumstances created by the resolution of 30 April, 2008.

Through discussions with officers at the DIP, it is considered that the most efficient and expedient method to rectify the issue is to submit amendment 1C as a 'minor amendment' to the Minister under the new *Sustainable Planning Act (SPA) 2009*. On acceptance by the Minister (following State interest check which has occurred previously) as a 'minor amendment', Council on receipt of written notice can proceed to adopt RPS Amendment 1C.

## **PURPOSE**

To seek Council endorsement to submit Amendment 1C to the Minister for Infrastructure and Planning as a 'minor amendment' to the Redlands Planning Scheme in line with the *Sustainable Planning Act 2009 (SPA)*.

## **BACKGROUND**

- October 2007: At the General Meeting on 31 October 2007, Council resolved to undertake the sale and exchange of surplus Council owned freehold lots on the SMBI staged over a number of years. To facilitate these programs Council resolved to amend the RPS in accordance with the *Integrated Planning Act [1997]* to:
  - a) include all Council owned freehold lots included in the Community Purposes Sub-Area CP10 zone and identified as surplus in the attached Southern Moreton Bay Islands Land Disposal Schedule 2007 in the Southern Moreton Bay Islands Residential zone; and
  - b) include all Council owned lots included in the Community Purposes Sub-Area CP10 zone and identified for Council retention in the attached Southern Moreton Bay Islands Land retention Schedule in the Conservation Sub-Area CN1 zone or Open Space zone.
- March 2008: RPS Amendment 1C submitted for first State Interest Review.

The purpose of RPS Amendment 1C is to amend the zoning of Council owned freehold lots located on Southern Russell Island included in the Community Purposes zone Sub-Area CP10. This amendment will allow surplus Council owned freehold lots identified as suitable for residential purposes to be used to secure through land exchange privately owned lots identified as having merit for inclusion in public ownership for conservation purposes, stormwater and bushfire management, open space and recreation or land consolidation purposes. RPS Amendment 1C will also provide for the long-term protection of Council owned freehold lots that are not surplus to public requirements.

- April 2008: Council at its General Meeting on the 30 April 2008 resolved to amend its previous resolution from General Meeting held on 31 October 2007 and delete any reference to a land sale program to dispose of surplus Council owned land. In the amended resolution, Council confirmed its intention to continue with RPS Amendment 1C through resolution number 4 and 5.

The amended resolution included an error [sub-paragraph (d)] by deleting reference to clause 7(a) of the original resolution of Oct 2007. This part of the amended resolution was inaccurate as it effectively cancelled the proposed amendment necessary for the land exchange program to continue and was inconsistent with the amended resolution clause 5. This is the matter that has caused the requirement to take action to satisfy the DIP.

- November 2008: Minister for Infrastructure and Planning advised that first State Interest Review had been completed and provided approval for Council to proceed to public notification of RPS Amendment 1C.
- March 2009: Council at its General Meeting on 25 March 2009 resolved to proceed to public notification of RPS Amendment 1C pursuant to Schedule 1 of the Integrated Planning Act 1997. This resolution confirmed that, consistent with the Minister's approval, that Council owned freehold lots as included on the attachment to the resolution would be included in the SMBI Residential, Conservation Sub-Area CN1 and Open Space zones.
- April 2009: RPS Amendment 1C was publicly notified between the 28 April 2009 and 11 June 2009. At the close of the submission period 8 submissions had been received.
- July 2009: Council at its general Meeting held 29 July 2009 duly considered all properly made submissions to the public notification of Amendment 1C. On 10 September 2009, RPS Amendment 1C was sent to the Minister for 2nd State Interest Review and Ministerial approval to allow Council to adopt the amendment.

## ISSUES

Council received correspondence on 24 May 2010 from the DIP that Amendment 1C cannot be recommended to the Minister for approval. The DIP indicated that this decision is based on internal inconsistencies of Council resolutions on RPS Amendment 1C that make it legally unclear what amendment is proposed by Council.

Through subsequent discussions with officers at the DIP, it is considered that the most efficient and expedient method to rectify the issue is to submit amendment 1C as a 'minor amendment' under the SPA 2009. On the Minister being satisfied that RPS Amendment 1C is a 'minor amendment', Council will be notified in writing that it may adopt the amendment with or without conditions. This is the stage in the

planning scheme amendment process RPS Amendment 1C had reached prior to receiving formal advice from the DIP on the issue with Council resolutions.

To be considered a 'minor amendment' Council needs to provide written information to the Minister supporting its assessment as a 'minor amendment'.

In accordance with the SPA 2009 a '*minor amendment*' of a planning scheme is defined as an amendment that:

- (a) *the Minister is satisfied reflects a current development approval, a master plan for a declared master planned area or an approval under other legislation; or*
- (b) *the Minister is satisfied:*
  - (i) *reflects a change that is directly responding to a regional plan for a designated region that applies in the local government area; or*
  - (ii) *reflects a state planning policy, or part of a state planning policy; or*
  - (iii) *reflects changes to the planning scheme in response to a Ministerial direction if in the Minister's opinion, the subject matter of those changes involved adequate public consultation; or*
  - (iv) *has involved adequate consultation with the public and the state.'*

Supporting information will be provided to the Minister that supports RPS Amendment 1C as a 'minor amendment' based on section (b)(iv). In particular, information will be provided that outlines the following:

- 1<sup>st</sup> State Interest Review completed;
- Public notification and review of all properly made submissions completed; and
- RPS Amendment 1C is unchanged from the version that underwent 1<sup>st</sup> State Interest Review and public notification.

Officers from the DIP have also indicated that RPS Amendment 1C is likely to meet section (b)(iv) of the above criteria as it has already involved adequate consultation with the State and community through 1<sup>st</sup> State Interest Review and public notification between 28 April and 11 June 2009. As a result, RPS Amendment 1C is prepared to be supported under consideration as a 'minor amendment' to the RPS for referral/recommendation to the Minister.

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's 'Wise Planning and Design' outcome 5 – We will carefully manage population pressures and use land sustainably while advocating and taking steps to determine limits of growth and carrying capacity on a local and national basis, recognising environmental sensitivities and the distinctive character, heritage and atmosphere of local communities. A well-planned network of urban, rural and bushland areas and responsive infrastructure and transport systems will support strong, healthy communities.

**FINANCIAL IMPLICATIONS**

RPS Amendment 1C is a fully budgeted project.

**PLANNING SCHEME IMPLICATIONS**

The RPS is to be amended in line with RPS Amendment 1C.

**CONSULTATION**

The Land Use Planning Group has also consulted with Council's Legal Services Manager and the Department of Infrastructure and Planning on RPS Amendment 1C.

1st State Interest Review and public notification of proposed RPS Amendment 1C has been completed.

**OPTIONS****PREFERRED**

That Council resolve as follows:

1. To propose to make amendment of the RPS under the Sustainable Planning Act 2009 and Statutory Guideline by changing the zoning of the land as set out in attachment 1 and 2; and
2. That the proposed amendment is a 'minor amendment' under Statutory Guideline 02/09 and written information will be provided to the Minister for Infrastructure and Planning in support of this position.

**ALTERNATIVE**

That RPS Amendment 1C not be submitted to the Minister for Infrastructure and Planning as a 'minor amendment'.

**OFFICER'S RECOMMENDATION/  
COMMITTEE RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Townsend

**That Committee, under delegated authority, resolve as follows:**

1. **To propose to make amendment of the RPS under the Sustainable Planning Act 2009 and Statutory Guideline by changing the zoning of the land as set out in attachment 1 and 2; and**
2. **That the proposed amendment is a 'minor amendment' under Statutory Guideline 02/09 and written information will be provided to the Minister for Infrastructure and Planning in support of this position.**

**CARRIED**

**COUNCIL RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Boglary

**That the item be noted.**

**CARRIED**



**Attachment 1 - RPS Amendment 1C**

Lot/Plan		Land #	Address			RPS Zone	RPS Amendment 1C
102	RP135033	156129	13	Oxley Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
321	RP133120	157226	3	Amalfi Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
218	RP129105	157430	15	Amber Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
393	RP129407	157033	6	Amber Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
58	RP132856	158421	10	Arnold Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
95	RP132856	158555	5	Arnold Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
332	RP128019	154056	77	Avondale Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
180	RP128018	154373	29	Bamberry Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
203	RP128018	154259	24	Bamberry Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
187	RP128018	154059	15	Bamberry Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
101	RP133629	158053	18	Bangalow Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
679	RP122866	153757	2	Barcelona Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
411	RP123820	153702	15	Barcelona Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
720	RP122556	153924	42	Barcelona Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
686	RP122865	153797	10	Barcelona Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
409	RP123821	153691	11	Barcelona Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
707	RP122865	153867	30	Barcelona Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
408	RP123821	153685	9	Barcelona Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

229	RP122872	155642	27	Basket Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
207	RP122873	155696	14	Basket Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
193	RP122872	155756	26	Basket Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
203	RP122873	155715	18	Basket Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
378	RP123998	158048	15	Bauhinia Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
380	RP123998	158142	19	Bauhinia Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
391	RP123998	158617	41	Bauhinia Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
244	RP123819	153194	7	Bayswater Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
265	RP123819	153782	40	Bayswater Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
288	RP123819	153521	30	Bayswater Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
261	RP123819	153778	41	Bayswater Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
595	RP122556	154178	4	Beacon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
285	RP122872	155403	44	Beacon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
283	RP122872	155470	48	Beacon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
853	RP122867	155048	35	Beacon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
623	RP122865	154096	5	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
582	RP122556	154288	26	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
598	RP122556	154196	31	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
607	RP122556	154157	21	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

571	RP122865	154247	16	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
602	RP122556	154183	27	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
583	RP122556	154296	28	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
566	RP122865	154227	10	Beaumont Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
68	RP131858	158198	15	Bilbungra Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
17	RP131859	157904	10	Bilbungra Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
16	RP131859	157959	12	Bilbungra Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
319	RP132795	156514	22	Bimbad Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
318	RP132795	156546	24	Bimbad Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
299	RP132795	156420	18	Bimbad Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
381	RP132796	156460	8	Bimbad Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
380	RP132796	156453	10	Bimbad Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
272	RP132795	156465	29	Bimbad Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
253	RP135035	156553	22	Blaxland Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
301	RP123819	153459	21	Boeing Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
363	RP123820	153538	28	Boeing Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
324	RP133120	157118	11	Boronia Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
238	RP127751	154728	10	Bowen Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
303	RP127751	154878	11	Bowen Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

274	RP122551	160237	25	Bungan Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
195	RP124451	158244	51	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
205	RP124451	158145	31	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
252	RP124451	158405	60	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
253	RP124451	158415	62	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
209	RP124451	158111	23	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
255	RP124451	158437	66	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
246	RP124451	158347	48	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
196	RP124451	158233	49	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
190	RP124451	158293	61	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
197	RP124451	158222	47	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
194	RP124451	158253	53	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
80	RP127748	155019	12	Calwood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
83	RP127748	155162	18	Calwood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
72	RP127748	154830	3	Calwood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
78	RP127748	154916	8	Calwood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
407	RP122869	154911	38	Canaipa Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
428	RP122869	154658	21	Canaipa Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
554	RP122865	154448	15	Canaipa Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

247	RP121208	159165	8	Castle Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
246	RP121208	159119	6	Castle Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
260	RP121208	159064	1	Castle Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
59	RP127748	155095	14	Castle Wood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
32	RP127748	155119	19	Castle Wood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
18	RP127750	154975	222	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
23	RP127750	155176	232	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
384	RP122869	154841	213	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
392	RP122869	154666	205	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
658	RP122866	154248	191	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
663	RP122866	154115	185	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
388	RP122869	154752	209	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
21	RP127750	155096	228	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
354	RP132796	156520	274	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
19	RP127750	155018	224	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
40	RP128017	154061	186	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
22	RP127750	155136	230	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
351	RP132796	156366	268	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
296	RP123819	153359	3	Condor Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

298	RP123819	153433	7	Condor Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
297	RP123819	153402	5	Condor Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
113	RP124451	157985	62	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
45	RP123989	157905	71	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
50	RP124451	157861	61	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
69	RP124451	157676	23	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
86	RP124451	157741	10	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
54	RP124451	157832	53	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
52	RP124451	157848	57	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
67	RP124451	157691	27	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
101	RP124451	157876	40	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
79	RP124451	157584	3	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
56	RP124451	157810	49	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
108	RP128017	154179	18	Coombah Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
106	RP128017	154085	14	Coombah Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
92	RP128017	154105	13	Coombah Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
102	RP128017	153917	6	Coombah Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
105	RP128017	154042	12	Coombah Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
105	RP124451	157910	1	Coral Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

128	RP124451	158026	5	Coral Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
399	RP122869	154486	30	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
420	RP122869	154622	31	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
645	RP122866	154313	21	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
677	RP122866	153826	4	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
684	RP122865	153884	5	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
668	RP122866	154041	14	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
660	RP122866	154218	22	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
665	RP122866	154083	16	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
383	RP122869	154849	46	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
391	RP122869	154674	38	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
648	RP122866	154363	23	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
669	RP122866	153999	12	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
181	RP122549	160624	67	Crescent Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
176	RP122549	160706	73	Crescent Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
264	RP124451	158440	47	Cunningham Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
274	RP122872	155452	23	Cypress Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
226	RP122872	155576	26	Cypress Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
277	RP122872	155457	25	Cypress Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

223	RP122872	155584	28	Cypress Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
201	RP135035	156531	18	Darling Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
317	RP127752	154888	44	Darwallah Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
547	RP122865	154424	8	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
538	RP122865	154458	18	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
546	RP122865	154429	10	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
576	RP122556	154353	19	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
534	RP122556	154478	22	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
535	RP122556	154469	20	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
542	RP122865	154444	14	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
539	RP122865	154453	16	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
573	RP122865	154341	17	Delmar Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
75	RP128017	154163	22	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
76	RP128017	154205	24	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
57	RP128017	154272	27	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
64	RP128017	153961	13	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
72	RP128017	154030	16	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
63	RP128017	154005	15	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
77	RP128017	154250	26	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential



69	RP128017	153904	10	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
56	RP128017	154322	29	Dickenson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
107	RP122870	155693	10	Double Island Outlook	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
72	RP122870	155874	25	Double Island Outlook	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
216	RP129105	157363	62	Duringan Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
214	RP129105	157348	58	Duringan Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
178	RP122872	155864	29	Eldon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
130	RP122871	155765	18	Eldon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
129	RP122871	155813	20	Eldon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
177	RP122872	155814	27	Eldon Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
134	RP135033	156594	7	Eyre Court	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
271	RP129103	157452	40	Falconhurst Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
164	RP132641	155469	47	Fenton Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
161	RP132641	155492	41	Fenton Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
162	RP132641	155485	43	Fenton Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
272	RP132642	155421	59	Fenton Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
163	RP132641	155477	45	Fenton Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
295	RP127751	154987	38	Fernando Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
290	RP127751	154733	28	Fernando Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

160	RP127749	154562	25	Fernando Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
266	RP127751	154574	2	Gilcrest Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
352	RP127752	154370	25	Gilcrest Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
266	RP121208	159101	198	Glendale Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
68	RP132856	158729	67	Glendale Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
114	RP133630	158470	5	Glendale Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
69	RP132856	158733	69	Glendale Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
71	RP132856	158740	73	Glendale Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
170	RP127749	154973	14	Glenfield Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
168	RP127749	154872	10	Glenfield Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
154	RP127749	154709	5	Glenfield Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
335	RP132795	156929	21	Grove Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
334	RP133120	157018	28	Grove Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
122	RP128017	154165	41	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
137	RP128018	154011	36	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
141	RP128018	154191	44	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
139	RP128018	154099	40	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
127	RP127749	154586	58	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
120	RP128017	154252	45	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

1	RP127748	154554	55	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
98	RP127749	154784	64	Hacking Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
205	RP127749	155224	44	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
202	RP127749	155248	38	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
209	RP127751	155188	52	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
86	RP127748	155195	21	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
415	RP127752	155094	74	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
275	RP127751	155027	53	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
245	RP127751	155062	47	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
85	RP127748	155205	19	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
414	RP127752	155101	72	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
320	RP127752	154986	61	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
131	RP122871	155801	108	Highland Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
817	RP122555	154605	62	Highland Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
209	RP122873	155771	17	Hume Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
18	RP130935	155896	18	Hume Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
192	RP122872	155839	31	Hume Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
67	RP122870	155989	63	Hume Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
16	RP130935	155879	14	Hume Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

182	RP118722	159148	62	Jingella Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
180	RP118722	159237	58	Jingella Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
169	RP133118	157589	54	Karangi Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
87	RP133630	158313	21	Karri Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
95	RP133629	158108	5	Karri Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
87	RP132856	158608	4	Kay Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
134	RP124451	157944	35	Kennedy Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
150	RP124451	157801	3	Kennedy Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
176	RP124451	158137	46	Kennedy Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
129	RP124451	157987	45	Kennedy Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
169	RP124451	158070	34	Kennedy Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
135	RP124451	157936	33	Kennedy Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
108	RP122084	160066	28	Kilpa Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
224	RP133118	157612	30	Kirribin Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
236	RP133118	157739	38	Kirribin Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
292	RP133119	157400	33	Kirribin Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
178	RP128018	154389	25	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
224	RP128018	154329	37	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
6	RP127748	154595	12	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

51	RP128017	154505	3	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
340	RP127752	154337	68	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
205	RP128018	154358	31	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
2	RP127748	154568	20	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
317	RP128019	154231	55	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
5	RP127748	154587	14	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
258	RP128019	154292	43	Kurrajong Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
233	RP133118	157811	49	Lagoon Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
121	RP132640	156250	16	Lansell Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
78	RP132640	156241	21	Lansell Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
119	RP132640	156144	12	Lansell Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
209	RP135035	156182	2	Lawson Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
248	RP135035	156566	21	Lawson Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
226	RP135035	156580	22	Lawson Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
187	RP118722	159478	51	Lea-weena Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
242	RP118722	159575	56	Lea-weena Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
253	RP121208	159385	59	Lea-weena Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
298	RP121208	159489	62	Lea-weena Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
243	RP118722	159548	58	Lea-weena Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

613	RP122865	154055	22	Little Cove Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
689	RP122865	153885	7	Little Cove Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
52	RP127748	154777	16	Loftus Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
97	RP127749	154719	6	Loftus Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
48	RP127748	154639	11	Loftus Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
373	RP127752	154773	1	Maher Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
403	RP127752	154868	4	Maher Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
198	RP123819	153245	9	Main View Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
230	RP123819	153351	20	Main View Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
232	RP123819	153294	16	Main View Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
199	RP123819	153269	11	Main View Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
233	RP123819	153267	14	Main View Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
202	RP123819	153355	17	Main View Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
271	RP124451	158387	5	Mallee Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
116	RP127749	154776	3	Martin Place	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
405	RP132796	156536	8	Medika Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
407	RP132796	156615	12	Medika Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
254	RP127751	154714	9	Monaco Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
267	RP127751	154632	4	Monaco Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

146	RP135033	156459	16	Murray Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
149	RP135033	156432	22	Murray Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
178	RP135033	156368	19	Murray Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
341	RP132796	156297	18	Nautilus Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
347	RP132796	156342	6	Nautilus Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
345	RP132796	156329	10	Nautilus Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
156	RP135033	156234	12	Oxley Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
93	RP135035	156055	31	Oxley Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
153	RP135033	156256	6	Oxley Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
184	RP135033	156219	14	Oxley Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
103	RP135033	156137	11	Oxley Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
238	RP135035	156169	26	Oxley Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
388	RP127752	154619	125	Palm Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
412	RP127752	154903	135	Palm Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
385	RP127752	154543	123	Palm Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
200	RP122873	155777	3	Park Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
403	RP122869	154426	6	Penn Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
654	RP122866	154295	1	Penn Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
276	RP121208	159252	4	Peronne Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

274	RP121208	159144	5	Peronne Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
280	RP122872	155393	30	Poinsettia Court	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
279	RP122872	155384	28	Poinsettia Court	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
340	RP132795	156883	29	Possum Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
867	RP122867	154736	40	Rampart Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
391	RP127752	154655	8	Ranora Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
393	RP127752	154700	4	Ranora Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
230	RP133118	157875	14	Rodds Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
228	RP133118	157787	10	Rodds Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
34	RP128017	153855	6	Rose Bay Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
155	RP129105	157169	56	Rumbin Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
157	RP129105	157181	60	Rumbin Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
62	RP132856	158603	6	Sadie Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
847	RP122867	155181	39	Seaward Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
17	RP124451	157628	32	Shore Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
19	RP124451	157642	36	Shore Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
29	RP124451	157730	52	Shore Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
35	RP124451	157782	64	Shore Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
37	RP123989	157804	68	Shore Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential



12	RP124451	157581	22	Shore Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
30	RP124451	157740	54	Shore Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
109	RP132856	158662	57	Simpson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
84	RP132856	158643	65	Simpson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
77	RP132856	158716	64	Simpson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
108	RP132856	158656	59	Simpson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
80	RP132856	158708	70	Simpson Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
52	RP132856	158340	83	South End Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
347	RP133120	157263	45	Stradbroke Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
345	RP133120	157203	41	Stradbroke Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
392	RP132796	156867	11	Stradbroke Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
337	RP133120	157073	25	Stradbroke Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
361	RP132796	156743	3	Stradbroke Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
413	RP132796	156813	7	Stradbroke Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
262	RP133119	157281	52	Stradbroke Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
163	RP135033	156521	16	Stuart Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
161	RP135033	156443	12	Stuart Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
192	RP135033	156539	17	Stuart Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
310	RP132795	156814	1	Summerland Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

323	RP132795	156853	16	Summerland Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
326	RP132795	156873	10	Summerland Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
324	RP132795	156858	14	Summerland Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
329	RP132795	156895	4	Summerland Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
126	RP132856	158491	15	Susan Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
124	RP132856	158586	16	Susan Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
287	RP127751	154620	4	Swan Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
258	RP132642	155319	68	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
148	RP132641	155432	40	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
152	RP132641	155458	32	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
260	RP132642	155329	64	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
137	RP132641	155320	37	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
249	RP132642	155223	61	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
265	RP132642	155366	54	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
139	RP132641	155332	33	Tahlin Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
316	RP121210	159742	1	The Tor Walk	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
416	RP132796	156684	11	Tierney Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
383	RP132796	156549	6	Tierney Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
415	RP132796	156729	13	Tierney Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

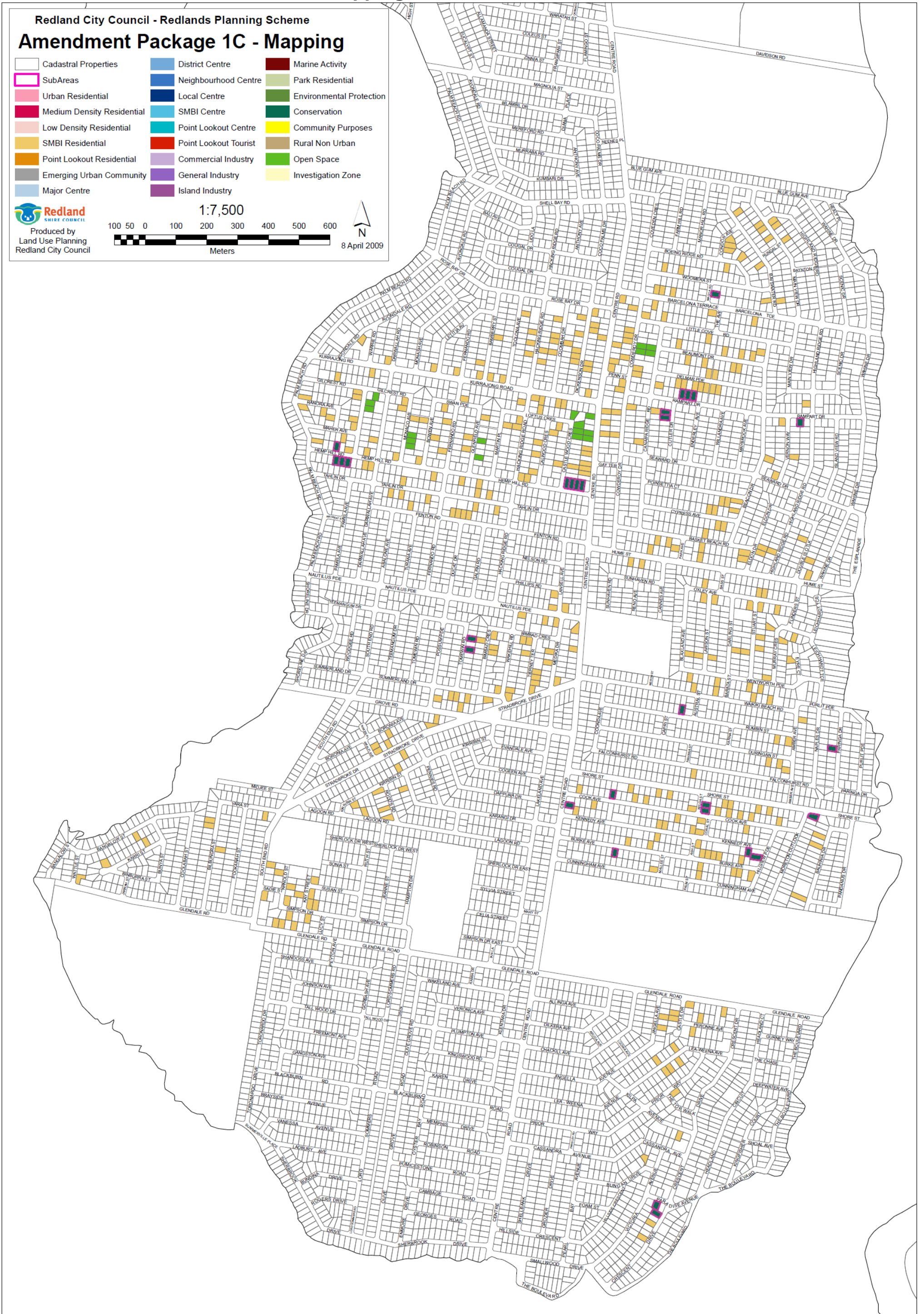
414	RP132796	156769	15	Tierney Terrace	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
160	RP128018	153877	5	Toolona Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
367	RP127752	154507	2	Trevanna Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
406	RP127752	154980	20	Trevanna Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
372	RP127752	154718	12	Trevanna Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
368	RP127752	154541	4	Trevanna Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
882	RP122867	155049	13	Vernon Way	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
33	RP129105	156886	65	Waikiki Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
30	RP129105	156866	59	Waikiki Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
24	RP129103	156822	47	Waikiki Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
20	RP129103	156794	39	Waikiki Beach Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
393	RP132796	156825	25	Wakehill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
61	RP135033	156793	26	Wentworth Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
66	RP135035	156750	16	Wentworth Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
59	RP135033	156806	30	Wentworth Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
169	RP135033	156734	15	Wentworth Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
71	RP135035	156718	6	Wentworth Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
59	RP124451	157791	5	Wilga Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
380	RP123821	153533	5	Woomera Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential

383	RP123820	153553	11	Woomera Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
114	RP131859	157853	4	Yara Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to SMBI Residential
638	RP122866	154140	8	Canaipa Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
639	RP122866	154187	10	Canaipa Ridge Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
38	RP127748	154871	7	Castle Wood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
40	RP127748	154768	3	Castle Wood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
39	RP127748	154822	5	Castle Wood Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
12	RP127750	154696	210	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
16	RP127750	154881	218	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
15	RP127750	154831	216	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
640	RP122866	154173	15	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
637	RP122866	154128	13	Cowderoy Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
309	RP127752	154532	10	Gilcrest Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
147	RP127749	155042	19	Glenfield Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
150	RP127749	154902	13	Glenfield Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
42	RP127748	154684	23	Loftus Crescent	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
250	RP127751	154896	17	Monaco Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
249	RP127751	154948	19	Monaco Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
251	RP127751	154850	15	Monaco Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space

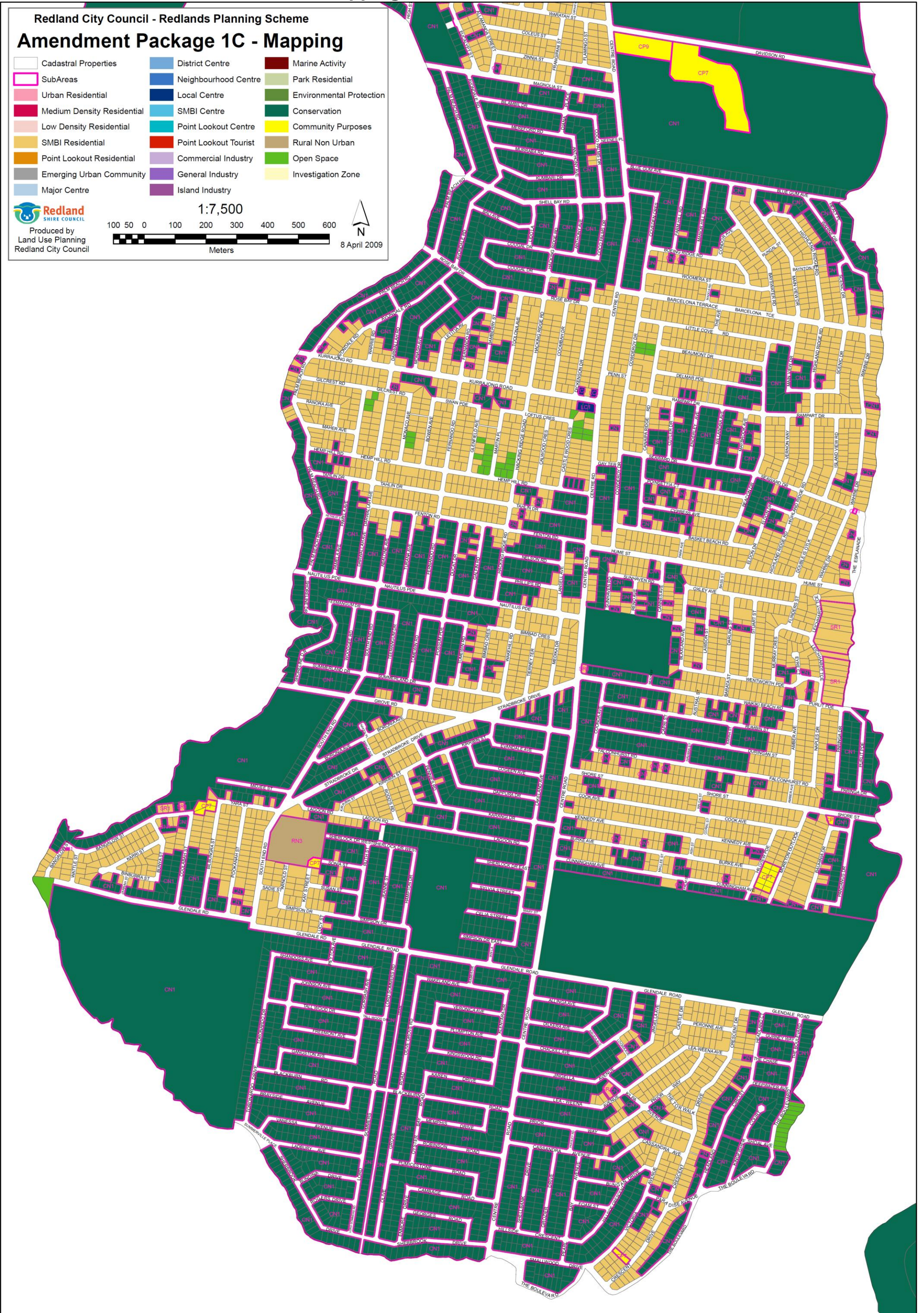
329	RP127752	154593	3	Trevanna Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
328	RP127752	154644	5	Trevanna Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Open Space
25	RP124451	157758	4	Wilga Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
58	RP124451	157818	6	Wilga Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
231	RP124451	158214	20	Burke Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
81	RP124451	157759	321	Centre Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
73	RP124451	157639	15	Cook Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
185	RP122549	160572	63	Crescent Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
427	RP122869	154673	4	Cutler Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
430	RP122869	154711	6	Cutler Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
27	RP127748	155250	5	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
28	RP127748	155243	7	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
420	RP127752	155056	84	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
408	RP127752	154934	69	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
419	RP127752	155064	82	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
29	RP127748	155235	9	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
418	RP127752	155071	80	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
26	RP127748	155256	3	Hemp Hill Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
187	RP124451	158272	9	Hillview Parade	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1

185	RP124451	158209	64	Kennedy Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
275	RP123819	153734	4	Magoa Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
366	RP123989	157871	2	Moreton Outlook	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
188	RP122549	160527	4	Paradise Avenue	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
365	RP129407	157248	13	Paringa Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
541	RP122865	154523	19	Rampart Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
544	RP122865	154518	17	Rampart Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
545	RP122865	154510	15	Rampart Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
869	RP122867	154741	44	Rampart Drive	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
55	RP129103	156947	27	Rumbin Street	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
290	RP132795	156451	17	Tomewin Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1
288	RP132795	156526	13	Tomewin Road	Russell Island	Community Purposes Sub-area CP10	Community Purposes Sub-area CP10 to Conservation Sub-Area CN1

# Attachment 2: RPS Amendment 1C Mapping



# Attachment 2: RPS Amendment 1C Mapping



Redland City Council - Redlands Planning Scheme

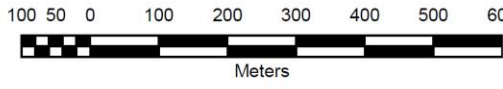
## Amendment Package 1C - Mapping

- |                            |                       |                          |
|----------------------------|-----------------------|--------------------------|
| Cadastral Properties       | District Centre       | Marine Activity          |
| SubAreas                   | Neighbourhood Centre  | Park Residential         |
| Urban Residential          | Local Centre          | Environmental Protection |
| Medium Density Residential | SMBI Centre           | Conservation             |
| Low Density Residential    | Point Lookout Centre  | Community Purposes       |
| SMBI Residential           | Point Lookout Tourist | Rural Non Urban          |
| Point Lookout Residential  | Commercial Industry   | Open Space               |
| Emerging Urban Community   | General Industry      | Investigation Zone       |
| Major Centre               | Island Industry       |                          |



Produced by  
Land Use Planning  
Redland City Council

1:7,500



8 April 2009



This item was resolved at the Planning & Policy Committee meeting of 4/8/2010. The Committee's decision is now presented to Council for noting only, as part of this report on the Committee's deliberations.

### **12.1.3 SUBMISSION TO DERM REGARDING QUEENSLAND'S WASTE STRATEGY 2010-2020**

**Datworks Filename:** WM Waste Management Strategy  
**Attachment:** [Letter to DERM](#)  
**Responsible Officer Name:** Paula Kemplay  
Senior Advisor, Waste Planning  
**Author Name:** David Elliott  
Manager, Infrastructure Planning

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#### **EXECUTIVE SUMMARY**

At the General Meeting dated 28 July 2010 Council resolved under section 257(c) of the *Local Government Act 2009*, to delegate authority to the Planning & Policy Committee to approve a submission to the Department of Environment and Resource Management (DERM) regarding Queensland's Waste Strategy 2010-2020.

The Department of Environment and Resource Management (DERM) have released a draft State Waste Strategy 2010-2020. A proposed Industry Waste levy Consultation Draft has also been prepared as a companion document to the State Strategy. DERM presented aspects of the new waste reform at a workshop with Redland City Council (RCC) on 28 July 2010. Consultation comments close 31 July 2010. Council indicated to DERM at the workshop that comments would be sent following an early August Committee.

The purpose of this report is to endorse an RCC response to DERM as per the attached letter.

#### **PURPOSE**

For Council to approve a response to the Department of Environment and Resource Management (DERM) on their draft State Waste Strategy 2010-2020 and levy document.

#### **BACKGROUND**

The draft State Waste Strategy 2010-2020 was released on World Environment Day – 5 May 2010 and represents a major reform in the way the State will manage waste over the next 10 years. The companion levy document was released approximately one week later and sets out information on a proposed industry waste levy from 1 July 2011.

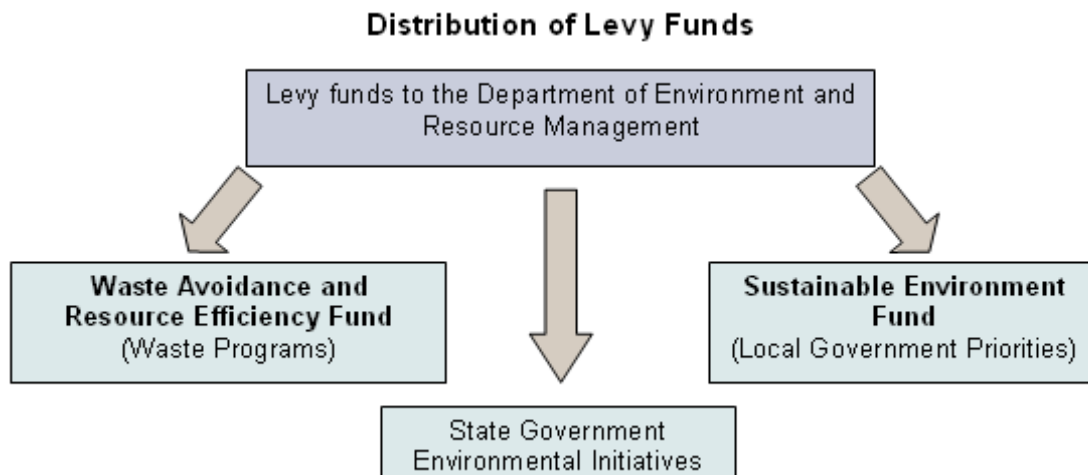
## ISSUES

The Draft Strategy focuses on the waste management hierarchy: avoid, reduce, reuse, recycle, recover and dispose and changing the thinking from waste to a resource. Other tools influencing the Draft Strategy are user pays, local solutions, sustainable procurement, partnerships, engagement and communication. The guiding principles include: resource efficiency, sustainability, engagement, and capacity building. There are voluntary targets for resource recovery of municipal solid waste of 65% by 2020 with milestone targets in between. This is a doubling of Councils own performance levels currently. There will need to be review of the targets over time as the quality of data capture improves. It is recommended that RCC fully support to waste strategy objectives and action plan.

A waste levy of \$35/tonne will apply broadly to commercial and industrial waste and construction and demolition waste not municipal solid waste from 1 July 2011. Higher amounts are payable for hazardous regulated wastes. DERM have estimated that the estimated additional cost of doing business for general businesses is around \$101 per year and to build an average 3 bedroom home is an additional cost of \$175 per dwelling. New legislation will be required to implement and administer the levy. RCC will be required to collect the levy as will all public and private sites.

- Waste that is proposed to be exempt from the levy includes:
- waste resulting from a declared natural disaster, such as a cyclone, bushfire or flood
- waste generated as a result of a biosecurity outbreak
- waste where disposal is required by regulation, such as appropriately managed asbestos and quarantine waste
- litter or illegally dumped waste collected by a local government, community group or other organised event, such as Clean Up Australia Day
- waste that has been received by charities as part of donations
- materials that are segregated for recovery not disposal at the waste disposal facility.

There are proposed to be 3 funds established for the distribution of the levy as follows



The Waste Avoidance and Resource Efficiency (WARE) fund is the only fund that will support waste related capacity building, including infrastructure, market development, promotion and education. The Sustainable Environment Fund (SEF) will support local government's environmental efforts by supporting grants projects. These are suggested to be broad environmental initiatives not necessary related to waste and resource recovery.

It is important to note that there is still a lot of details to be resolved about how the levy will be distributed to local government and whether the WARE fund is adequate to fund this major set of reforms. It would be recommended that RCC request that all of the levy revenue be hypothecated back to waste and resource recovery for at least the term of this strategy given the targets to be met with a review thereafter. One of the first priorities is to establish a Stakeholder Advisory Committee to provide advice on implementing the strategy including program funding priorities and legislation reform. LGAQ and Council of Mayors (SEQ) are members of this group. The implications for RCC include:

- Residential waste will not incur a levy
- Council's own waste from commercial and administrative activities will incur a levy but not that resulting from maintenance of parks and litter bins. Improving workplace recycling and waste minimization is especially critical to minimize impact of levy to Council.
- Residue from Material Recycling Facilities appears to be subject to the levy
- Businesses on Councils kerbside collection system and disposing of waste to facilities will pay the levy.
- There will need to be further investigation and agreement on how mixed loads will be treated as domestic waste is collected with commercial waste.
- Illegal tipping is expected to increase following the introduction of the levy and DERM has established some funding to strengthen compliance activity to manage this risk.

- There will be establishment costs to implement the levy and none of these have been budgeted as the budget was prepared before the draft Strategy was released.
- There are approximately 100 businesses across the 6 islands that have a kerbside Council waste and recycling system and are not permitted to use Councils transfer stations. It is requested that DERM undertake a more detailed assessment of the cost-benefits and levy impacts on these islands as they are not currently serviced by other private operators (apart from bulk services on North Stradbroke Island) and consequently the businesses have no choice but to have a Council provided service.

## **RELATIONSHIP TO CORPORATE PLAN**

Outcome 2 'Green Living' - Our green living choices will improve our quality of life and our children's lives, through our sustainable and energy efficient use of resources, transport and infrastructure, and our well informed responses to risks such as climate change.

## **FINANCIAL IMPLICATIONS**

None.

## **PLANNING SCHEME IMPLICATIONS**

The Land Use Planning Group was not consulted and it is considered that the outcome of recommendations in this report will not require any amendments to the Redlands Planning Scheme.

## **CONSULTATION**

Internal officer consultation and a Councillor workshop has occurred.

## **OPTIONS**

### **PREFERRED**

That the Planning and Policy Committee resolve to endorse and submit the proposed response to the Department of Environment and Resource Management (DERM) on the Queensland's Waste Strategy 2010-2020 consultation draft.

### **ALTERNATIVE**

That Planning and Policy Committee resolve to amend and endorse the proposed response to the Department of Environment and Resource Management (DERM) on the Queensland's Waste Strategy 2010-2020 consultation draft.

## **OFFICER'S RECOMMENDATION**

That Planning and Policy Committee, under delegated authority, resolve to endorse and submit the proposed response to the Department of Environment and Resource

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Management (DERM) on the Queensland's Waste Strategy 2010-2020 consultation draft.

### **COMMITTEE RESOLUTION**

Moved by: Cr Hobson

Seconded by: Cr Elliott

**That Planning and Policy Committee, under delegated authority, resolve to:**

- 1. Endorse and submit the proposed response to the Department of Environment and Resource Management (DERM) on the Queensland's Waste Strategy 2010-2020 consultation draft; and**
- 2. That an additional dot point 14 be added to the submission letter namely:  
"Will the exemption for water/wastewater also apply to Allconnex Water?"**

**CARRIED**

### **COUNCIL RESOLUTION**

Moved by: Cr Bowler

Seconded by: Cr Ogilvie

**That the item be noted.**

**CARRIED**

29 July 2010

Your Ref:  
Our Ref:  
File No:  
Contact: Paula Kemplay T: 3829 8597

Project Manager  
Queensland Waste Strategy Consultation  
Natural Resources and Environment  
Department of Environment and Resource Management  
GPO Box 2454  
BRISBANE QLD 4001

Dear Sir/Madam

### **REDLAND CITY COUNCIL RESPONSE TO DRAFT QUEENSLAND WASTE STRATEGY 2010-2020**

Thank you for the opportunity to be consulted on the draft Queensland State Strategy. Redland City Council (Council) welcomes the major waste and resource efficiency reforms proposed in this document over the next ten years. Council also would like to emphasise the need for ongoing engagement and discussion with DERM as the details and iterations regarding the strategy and levy implementation unfold. A Queensland wide strategy needs to be flexible to cater for particular local government needs.

The specific comments that Council submits are as follows:

1. Council endorses the 10 year recycling targets and requests that the data capture and quality be addressed as a priority and the targets be reviewed pending the data capture review. There is no direct comparison between the actions documented and the percentage performance gains towards resource recovery. Council will need to double it's own resource recovery performance to meet the 2020 targets and wants to ensure community expectations are realistic. Council requests that DERM consider quantifying resource recovery measurements from the major actions to assist in prioritising funding to local government. It is considered that setting landfill diversion targets will complement the push to greater resource recovery as has occurred in Europe.
2. DERM has asked whether there should be a reduction target for litter and illegal dumping. This target could be based around establishing the number of illegal tipping cases with reduction targets on the baseline. Council requests that DERM undertake more assessment into a suitable data capture system to understand the nature of the items disposed and measurement of illegal tipping events and other suitable deterrent and compliance initiatives. This is a topic that requires further partnership between local government and DERM. Council notes the establishment funding by DERM to assist in managing the predicted increase in illegal tipping activities as a result of the introduction of the levy and welcomes further discussion on how to effectively utilise that in the Redland City area.
3. It is unclear how regional collaboration achievements to improve infrastructure and capacity building will be financially recognised via the strategy implementation funding provisions. DERM are requested to advise what

weighting will be applied to regional collaboration initiatives and identify this as a priority guideline for Councils as part of the Strategy action plan.

4. Council requests further clarification of levy exemptions for waste to be disposed of by regulation eg fire ant material, residue from Material Recovery facilities and also consideration of non-profit organisations for levy exemptions where they operate similar to charities in reusing and repairing waste items.
5. A question has been raised about whether C&I businesses who are recycling as part of Councils systems should be exempt from the levy as the logic that applies to MSW is the same. DERM is requested to further analyse this aspect.
6. There are approximately 100 businesses across the 6 islands that have a kerbside Council waste and recycling system and are not permitted to use Councils transfer stations. It is requested that DERM undertake a more detailed assessment of the cost-benefits and levy impacts on these islands as they are not currently serviced by other private operators (apart from bulk services on North Stradbroke Island) and consequently the businesses have no choice but to have a Council provided service.
7. If the levy has to be applied to commercial businesses and industry on Councils kerbside collection systems, DERM needs to be made aware that Council does not separate the waste and recycling charge codes between C&I and MSW and will need to adjust it's codes and systems to be able to comply with the levy. DERM are further advised that the property codes can be complex in a rating system and for example religious organisations are coded separately and yet are not covered by any of the existing definitions in the draft strategy. A formula for the rating system charges which can only be set once per year is requested. It is understood that DERM are funding an additional resource via the Local Government Association of Queensland and it would be recommended that this officer co-ordinate information from audits to arrive at default conversions on a regional level for quantifying the impact of the levy on different wheelie bin and bulk bin containers. The proposal by DERM that all Queensland Councils do the calculations themselves is not supported.
8. Council reinforces the fact that Councils budget for 10/11 was set well before the draft Strategy released and therefore no funds have been allocated for levy implementation. The establishment will have to be fully funded by DERM. Timely provision of funding is required to assist Councils to prepare and set up for the levy. This funding must be available at least 6 months prior to the implementation date.
9. If a sundry debt for a commercial customer for the Industry Waste Levy is unable to be collected (e.g. bankruptcy) then it is the council who may wear the debt. This needs to be clarified with DERM and mechanisms enabled to write off the levy portion of the debt by DERM.
10. RCC calls on the State Government to ensure that all funds raised from the waste levy are fully hypothecated to waste avoidance, resource efficiency measures and site remediation measures rather than new conservation areas and any general environmental initiatives.
11. There is still uncertainty regarding how the levy will be distributed across the programs and grant systems. An operational guide, outlining set up and implementation of the levy, would assist in ensuring equitable application

across all jurisdictions including full consultation with local government on this detail.

12. The proposed implementation date for the waste levy may be difficult to meet. A phase in approach for implementation of the levy is requested where concerns are raised with DERM individually. Assessment of individual Councils situations is necessary. In RCC this is critical especially for the six islands which should be treated as a special case given their more remote location. There are increased costs to deter illegal tipping and monitor compliance activity compared to the mainland.
13. Given ongoing engagement and consultation with Council and local government is required, Council requests that DERM allow adequate consultation time of at least 10 weeks to allow Councils to properly consider the issues and document any responses through the Committee cycle process which often has a two month lead in to a decision.

Should you have any clarifications on this letter please contact Paula Kemplay Senior Advisor Waste planning on (07) 3829 8597.

Yours sincerely

Greg Underwood  
General Manager Planning and Policy



## 12.2 PLANNING & POLICY

### 12.2.1 SEALING OF ATTUNGA STREET (NORTHERN SECTION), MACLEAY ISLAND

<b>Datworks Filename:</b>	<b>RTT: Capital Works Program</b>
<b>Attachments:</b>	<a href="#">Attachment A - Aerial Photo</a>
<b>Responsible Officer Name:</b>	<b>David Elliott Manager, Infrastructure Planning</b>
<b>Author Name:</b>	<b>Len Purdie Principal Engineer, Roads &amp; Drainage</b>

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#### EXECUTIVE SUMMARY

Council has received a petition from a number of residents requesting the sealing of Attunga Street (Northern Section), Macleay Island. The report recommends it be noted that the sealing of Attunga Street (Northern Section), Macleay island has been assessed as having a high priority and this be taken into consideration when developing the future capital works program for the sealing of roads on the Southern Moreton Bay Islands (SMBI)

#### PURPOSE

Council was presented with a petition at the General meeting on 31 March 2010 to seal Attunga Street (Northern Section), Macleay Island. The petition was referred to the Manager Infrastructure Planning to prepare a report for Council.

#### BACKGROUND

There are a large number of unsealed roads on the Southern Moreton Bay Islands (SMBI). While council funds the sealing of roads, given the high number of unsealed roads, only a select number can be sealed each year within the allocated budget. The order that roads are sealed is based on a priority system and budget allocations.

#### ISSUES

The section of Attunga Street, Macleay Island requested for sealing is situated north of Balaka Street to the cul-de-sac. The total length of this section is 332m. There are a total of 27 lots in this section with 18 existing houses. South of Balaka Street (near 21-23 Attunga Street), Attunga Street is disconnected by a major overland drain that stops vehicular and pedestrian movement. Council has in its works program a pedestrian bridge crossing, but vehicular access will not be provided.

Unsealed roads on the SMBI are assessed for sealing priority on the following criteria:

- Number of properties that use the road on a regular basis;

- Volume of traffic in relation to other roads on each island;
- Major drainage problems;
- Condition of the existing gravel road (including shape, potholing, dust issues etc)
- Whether it is used by commercial traffic, a bus route, or is an access to a popular destination;
- Type of road in the hierarchy on each island (cul-d-sac, access road, collector road, etc);
- Alignment issues
- Cost of sealing.

Assessing the northern section of Attunga Street, Macleay Island against these criteria shows it to have a high priority for sealing when considered against other roads on SMBI. Based on current budget allocations it is likely that the road would be sealed within the next six (6) years.

### **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's 'Wise Planning and Design' outcome 5 – We will carefully manage population pressures and use land sustainably while advocating and taking steps to determine limits of growth and carrying capacity on a local and national basis, recognising environmental sensitivities and the distinctive character, heritage and atmosphere of local communities. A well-planned network of urban, rural and bushland areas and responsive infrastructure and transport systems will support strong, healthy communities.

5.8 Plan and advocate to connect the city's communities with improved public transport including a road, ferry, cycling and walking network that provides safe and efficient movement within the city and the region and supports physical activity; and promote efficient and environmentally responsible private transport.

### **FINANCIAL IMPLICATIONS**

There is no budget allocation to seal the road, which is estimated to cost \$200,000.

### **PLANNING SCHEME IMPLICATIONS**

The Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will not result in any amendments to the Redlands Planning Scheme.

### **CONSULTATION**

The Councillor from Division 5 has been consulted regarding the sealing of Attunga Street (northern section), Macleay Island and supports the recommendation.

**OPTIONS****PREFERRED**

1. That the sealing of Attunga Street (Northern section), Macleay Island has been assessed as having a high priority and this be taken into consideration when developing the future capital works program for the sealing of roads on the Southern Moreton Bay Islands;
2. That the principal petitioner be advised of Council's recommendation.

**ALTERNATIVE**

No other alternative is offered.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

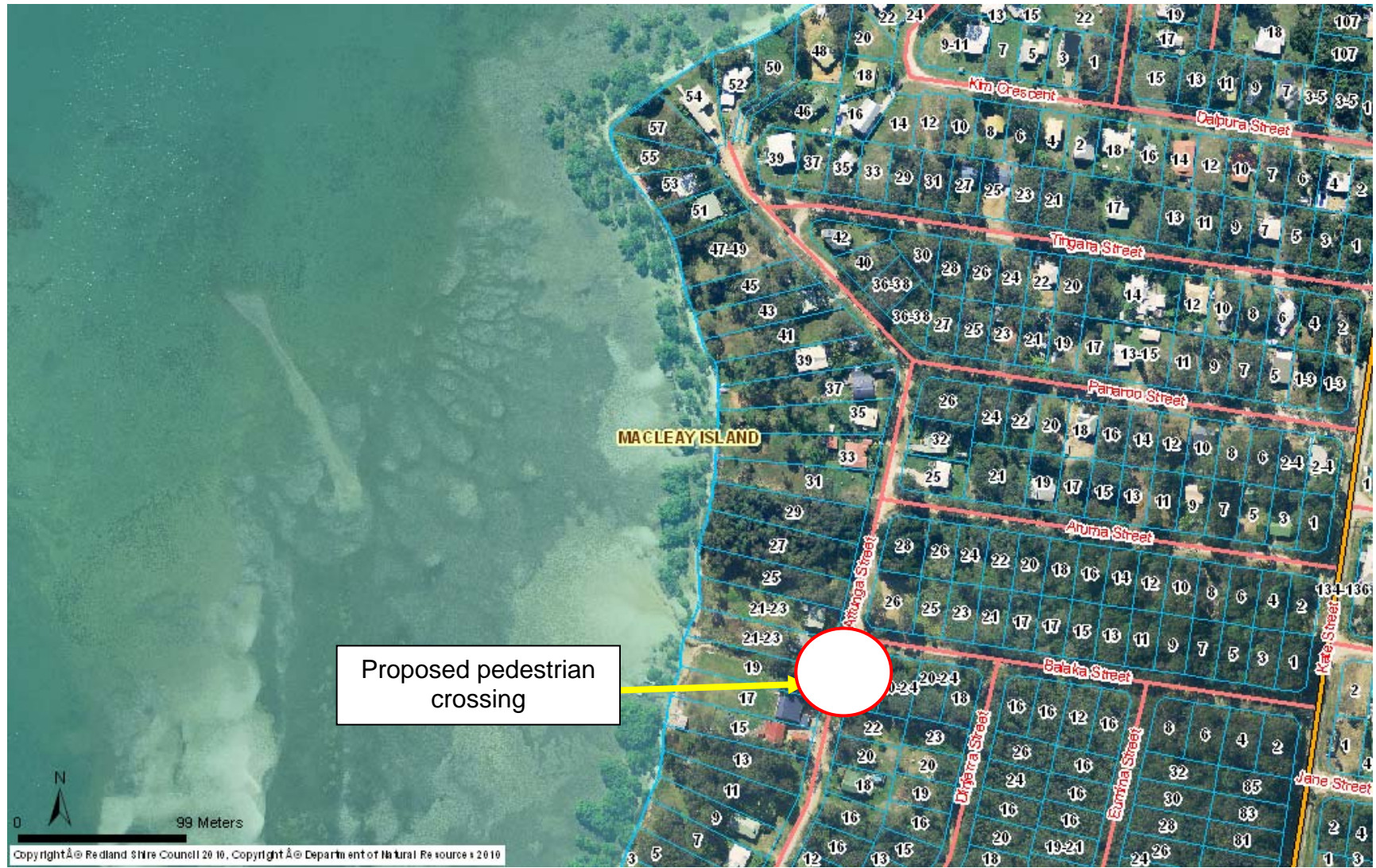
Moved by: Cr Bowler  
Seconded by: Cr Elliott

**That Council resolve as follows:**

1. That the sealing of Attunga Street (Northern Section), Macleay Island has been assessed as having a high priority and this be taken into consideration when developing the future capital works program for the sealing of roads on the Southern Moreton Bay Islands; and
2. That the principal petitioner be advised of Council's recommendation.

**CARRIED**

# Attunga Street (Northern Section) Macleay Island Attachment A



**12.2.2 DWELLING HOUSE SELF-ASSESSMENT IN THE SMBI RESIDENTIAL ZONE ON LOTS OVER 500M<sup>2</sup>**

**Dataworks Filename:** LUP Redlands Planning Scheme Amendment 3a

**Responsible Officer Name:** Wayne Dawson  
Manager, Land Use Planning

**Author Name:** Michael Beekhuyzen  
Acting Principal Advisor, Local Area & Strategic Planning

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**EXECUTIVE SUMMARY**

A Council resolution at the General Meeting held 24 February 2010 requested that a report be brought to Council regarding the need for Material Change of Use (MCU) – Code Assessment on the Bay Islands within the SMBI (Southern Moreton Bay Islands) Residential zone on lots over 500m<sup>2</sup>.

This report outlines the need to maintain code assessment on lots included within the SMBI Residential zone that require technical expertise and assessment other than plumbing and building and the co-ordination of this expert advice. The report also identifies opportunity to make a dwelling house application self-assessable for applications that rely primarily on plumbing and building expertise and assessment along with the co-ordination of this expertise.

**PURPOSE**

To present a report to Council that responds to the Council resolution made on 24 February 2010.

**BACKGROUND**

The subdivision of the Southern Moreton Bay Islands (SMBIs) was undertaken in accordance with the Land Act during the 1960's/1970's without any local government planning controls. The subdivision had little regard to the suitability of land for development (many lots were tidally inundated or in flood liable areas) and failed to provide for adequate infrastructure to service the future community, for example, roads, reticulated water or sewerage.

In 1973, a judicial inquiry was initiated in response to Island landowners concerns about the quality of the properties they had purchased. The outcome of the inquiry resulted in the SMBIs coming under the administrative control of Council in 1973.

**SMBI PLANNING & LAND USE STRATEGY (SMBIPLUS)**

After many years of negotiation, agreement was reached in 1996 between Council and the Queensland State Government to undertake a major planning investigation

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to resolve many of the long-standing land use and servicing issues created by the initial subdivision.

Following extensive technical studies and consultation, Council adopted the SMBIPLUS as the preferred framework for the development and conservation of the Islands, on the understanding that the implementation of the Strategy would be dependent upon funding being made available from other levels of Government. Whilst the SMBIPLUS recognised that extensive areas of the SMBIs would be subject to residential development it emphasised that all development must be carried out in a manner that minimizes impacts on the Islands' natural environment and landscape character. Retention of vegetation on lots, minimal earthworks for roads and dwellings and sensitive location of servicing is required.

In 2001, the State Government adopted the SMBIPLUS with a modified implementation strategy that included a request for Council to prepare a statutory planning instrument, such as a local area plan. The level of detail required for a local area plan is much greater than that used in the SMBIPLUS which will provide a lot specific assessment of development opportunities and constraints to provide greater certainty to residents on which lots provide opportunity for residential development and which lots do not.

In response to the State Government position on the SMBIPLUS, Council prepared and publicly exhibited a Local Area Plan – Statement of Proposals (SOP) for the SMBI in 2002. The SOP included a preferred land use map that identified lots that had no major constraint to residential development and those that were subject to major constraints based on revised and more detailed technical studies than those that supported the SMBIPLUS.

The SOP included a residential development strategy that outlined the need for Island specific residential design strategies to manage the impact of residential development on the natural environment and landscape character of the SMBIs. It advocated the residential design controls envisaged by the SMBIPLUS including; vegetation retention, minimal earthworks and sensitive location of servicing. In addition to these controls, the SOP also proposed further residential design controls and guidelines to address building bulk/mass, building style, building materials to minimise impacts on the SMBIs natural environment and landscape character.

The Island specific residential controls proposed through the SOP were developed and were incorporated into the SMBI Residential zone of the draft Redlands Planning Scheme.

#### **DRAFT REDLANDS PLANNING SCHEME (2005)**

A significant number of submissions relating to the SMBI Residential zone were received during the exhibition of the draft Redlands Planning Scheme (RPS). Many of these submissions expressed concern with maintaining code assessment for dwelling houses on the SMBIs. After review and due consideration of the grounds raised by submitters, Council resolved to retain dwelling houses in the SMBI Residential zone as a code assessable use in the RPS. The following extract from Submission Review

Report – Workshop 4 provides the rationale for maintaining dwelling houses as a code assessable use:

*“Council recognises that the SMBI Residential Zone does not facilitate self assessable development, particular in relation to a dwelling house...Dwelling houses are code assessable under the existing planning scheme and Council has maintained this position under the draft scheme to:*

- Ensure a low key residential built form that protect the islands landscape character;
- Promote building character that is unique to the islands and reflects island landscape;
- Reduce the potential for development to impact on foreshore areas and other areas of high visual sensitivity;
- Retain and re-establish native vegetation to support habitat values on the islands;
- Minimise excavation and filling to maintain natural drainage lines, increase stormwater filtration and pre-treat stormwater runoff to minimise contamination of estuarine areas, creeks, tidal wetlands and Moreton Bay Marine Park;
- Limit development below RL2.4m AHD and preclude development within flood affected areas to:
  - I. *Maintain physical and biological processes, storm surge and visual amenity; and*
  - II. *Protect people and property from the risk of flooding.*

*These outcomes are based on key recommendations, and support two strategic principles of SMBIPLUS which are:*

- Ecological sustainability; and
- The island vision”

#### **BACKGROUND CORRESPONDENCE (2008)**

In May 2008, correspondence received by Council requested justification for making a dwelling house on land zoned SMBI Residential a code assessable use. A summary of the key grounds provided in the Acting CEO’s response for maintaining a dwelling house as a code assessable use is as follows.

- After extensive public consultation the RPS commenced and established a SMBI Residential zone to reflect the unique characteristics and circumstance of the Bay Island allotments.
- The SMBI Residential zone identifies a MCU for a dwelling house as a code assessable use requiring assessment against the SMBI Residential zone code and use code. The main aims of these codes are to ensure that some of the difficult areas that also make the island allotments unique are addressed through the code assessment mechanism. These included issues such as flood and storm

surge issues, storm water overland flow, septic and sullage effluent disposal on site, character and design of proposed dwellings, access to allotments, floor level heights, etc;

- The standard of drawings submitted as part of planning and building applications has generally been of a poor nature and remains a major constraint to approving applications in a timely manner. While there remains a requirement for the lodgement of plans associated with a MCU application, Council will continue to keep all applications meeting a reasonable industry standard;
- The link between the extent of land needed for effluent disposal (drainage), size of the dwelling and number of bedrooms permissible can be on occasions critical.

Often when a Building Certifier or Plumbing Inspector are assessing an application they generally assess the work that relates to their professional skills i.e. building or plumbing. As part of a Material Change of Use application, the Planning Officers assigned with assessing individual applications, co-ordinate the process as a whole. They ensure that all aspects of the proposed development comply, including:

- Plumbing and drainage;
- Engineering aspects such as Frontage Treatment works, road access and storm water issues etc;
- Design of the dwelling, orientation, character etc;
- Zoning and Code assessment against the RPS.

It is not a matter of being an expert in a particular field, but more to ensure that the co-ordination of the process is achieved and any redesign issues are recognised early in the assessment.

The environmental impacts and amenity considerations related to a proposed use are usually more fundamental and far reaching than those associated with other aspects of development associated with the use, such as the building work. It is important to ensure these use considerations are dealt with at the outset.

- The land on the Bay Islands remains as some of the most affordable land in South East Queensland. While this continues to be the case, there are still physical issues such as infrastructure and services that until these are constructed or provided, Council as the planning authority and assessment manager for development need to ensure that development on the islands is of a standard expected by the general community.
- The environmental impacts and amenity considerations for the Bay islands are significantly different to the mainland and as such the community through the current planning scheme and even the previous transitional planning scheme provided a framework to ensure all of the relevant matters were considered and addressed.



**GENERAL MEETING RESOLUTION (2010)**

At the General Meeting on the 24 February 2010 a Council resolution was passed which requested “that a report be brought to Council regarding the need for MCU’s on the Bay Islands on SMBI Residential lots over 500m<sup>2</sup>. Why building approvals could not be made self assessable and accessed by Building and Plumbing Department only. MCU’s take a lot of time and a cost burden to any applicant and these days where Councils and Governments are trying to get affordable housing, this is an unnecessary cost on the home owner.”

**ISSUES**

Council has required that a dwelling house on the SMBIs be subject to Council assessment and approval since assuming administrative control in 1973. To make a dwelling house a self-assessable use in the SMBI Residential zone (in effect removing the requirement for a development permit to be issued by Council) represents a shift to a long-standing Council policy that may have some planning merit on ‘low risk’ applications given the significant technical investigations that underpin the SMBI Residential zone. This decision still requires careful consideration given that site specific planning and infrastructure issues on many SMBI Residential lots remain unresolved.

**SELF-ASSESSABLE DEVELOPMENT**

Development can be identified as self-assessable development by Council where development is consistent with the intent of the zone and is of a minor nature or ‘low risk’ with limited potential for impact on the environment and/or the residential amenity.

Whilst self-assessable development does not require lodgement of a development application with Council, it still requires assessment against the acceptable solutions of relevant zone, overlay and other development codes of the RPS. If a development application does not comply with all the acceptable solutions it is elevated to code assessment. Some overlays also do not presently contain acceptable solutions (i.e. Flood Prone, Storm Tide and Drainage Constrained Land) and as a result will elevate the level of assessment for a development application from self to code assessment.

**SMBI RESIDENTIAL ZONE**

As discussed in the background, the SMBI Residential zone was introduced with the commencement of the RPS in 2006 and is based on extensive technical investigations and studies (e.g. SMBI Planning and Land Use Strategy) and community consultation (e.g. Statement of Proposals & draft RPS). The zone includes lots that have been identified as having sufficient unconstrained land for a low-key dwelling house and its servicing requirements, including on-site effluent treatment and disposal.

In the current version of the RPS, the SMBI Residential zone includes approximately 11,345 lots (including 7,850 vacant and 3,495 developed lots) from the 20,000 lots that exist on the Islands. Table 1 shows that most SMBI Residential lots are urban

sized being between 500m<sup>2</sup> and 800m<sup>2</sup> with almost half of all lots being between 500m<sup>2</sup> and 600m<sup>2</sup>.

<500m <sup>2</sup>	102
500m <sup>2</sup> -600m <sup>2</sup>	5,217
600m <sup>2</sup> -700m <sup>2</sup>	2,625
700m <sup>2</sup> -800m <sup>2</sup>	1,010
>800m <sup>2</sup>	2,391
Total	11,345
Source: Redlands Planning Scheme V3	

(Note: the number of SMBI Residential lots will increase slightly as a result of adopted Council planning scheme amendments of Council owned lots to facilitate future land exchange programs. Future land exchange programs will not increase the number of developable lots on the SMBIs but ensure a more manageable settlement and conservation land use pattern.)

The future land exchange programs will target private lots that are within the Conservation Sub-Area CN1 that have protected development entitlements and other private SMBI Residential lots where there are infrastructure savings.

The SMBI Residential zone code identifies a dwelling house as a code assessable use subject to meeting the level of assessment qualifications (i.e. building height less than 8.5m etc.). The zone code includes assessment provisions that are specific to the Islands and based on the SMBIPLUS and SOP. Specific SMBI Residential zone assessment provisions include:

- fostering a low-key residential built form with a distinct Island character – lightweight materials & ‘soft’ footings;
- minimising excavation and filling to maintain natural landform including natural drainage systems and the ecosystem services these provide stormwater filtration and treatment;
- minimising visual impacts and maintenance of the landscape character of the Islands through low-key built form and vegetation retention/reinstatement;
- ensuring dwelling houses and servicing requirements are located on land above the 1% AEP (1 in 100year ARI) flood and storm surge level;
- management of on-site effluent treatment & disposal subject to site, soil and location constraints;
- ensure dwelling houses have vehicular access from a low-impact road of sufficient standard to provide unrestricted flood free access at all times by a two wheel drive vehicle.

Acceptable solutions that address the above SMBI specific assessment provisions could potentially be incorporated into the Dwelling House Use Code of the RPS to allow opportunity for a dwelling house on a prescribed lot size within the SMBI

Residential zone to be a self-assessable use. Such acceptable solutions would need to ensure that the dwelling house size and on-site effluent treatment and disposal are adequately co-ordinated. A possible acceptable solution to address this issue may be to require that a Council approved Property Assessment is required. A Property Assessment provides the size of a dwelling house that may be accommodated on a lot (in terms of number of bedrooms) based on soil testing and the on-site effluent treatment and disposal area required for a particular type of system.

Whilst there is some planning merit in providing opportunity for a dwelling house application that relies primarily on plumbing and building expertise to be self-assessable, code assessment should be maintained on dwelling house applications that require expertise and assessment other than plumbing or building and the co-ordination of this technical advice to determine the location and design of a dwelling house.

Firstly, the SMBI Residential zone also includes a sub-area referred to as SMBI Residential Sub-Area SR1. The SMBI Residential Sub-Area SR1 zone includes allotments that have been identified as having important environmental and scenic amenity values that are generally of a size that is large enough to protect these values whilst ensuring that uses and other development are located, designed and managed to ensure the protection and rehabilitation of identified scenic and environmental values.

SMBI lots included in the SR1 zone should be maintained as code assessable in order to ensure environmental and scenic amenity expertise and assessment is employed in the assessment process and this expertise co-ordinated to ensure the location and design of a dwelling house and its servicing requirements manages and protects the values of these lots.

Secondly, a number of amenity, hazard, resource and value overlays of the RPS apply to lots within the SMBI Residential zone. The following overlays are located on the SMBI and have self assessable criteria:

- Road & Rail Noise Impacts:
- Acid Sulphate Soils;
- Electricity Infrastructure; and
- Waterways, Wetlands & Moreton Bay.
- Bushfire Hazard; and
- Landslide Hazard.

Provided a development application meets the acceptable solutions of the above overlay codes, it will remain a self-assessable use. In cases where the application does not or cannot meet the acceptable solutions the development application is elevated to code assessment. This is a City-wide requirement of the RPS. In this regard, a SMBI lot that is within the Waterways, Wetlands & Moreton Bay and

Bushfire Hazard cannot meet the self-assessment acceptable solution and would be code assessable development.

Maintaining code assessment on lots affected by both these overlays ensures the necessary expertise in stormwater and bushfire management makes an assessment of an application and that this expert advice is co-ordinated.

SMBI lots that are within the medium or high landslide hazard categories of the Landslide Hazard overlay will also be elevated to code assessment. Maintaining code assessment in medium to high landslide hazard areas is required to manage dwelling siting and design in line with geotechnical assessments.

A small number of lots within the Road & Rail Noise Impacts and Electricity Infrastructure also cannot meet the acceptable solutions and would be elevated to code assessment.

In addition, the following overlays do not currently have self-assessable criteria and will make the level of assessment code for a dwelling house on all identified in the overlay:

- Flood Prone, Storm Tide and Drainage Constrained Land (under review in Amendment 2A of the RPS); and
- Heritage Place & Character Precinct.

Code assessment on lots included in both the above overlays ensures the necessary expertise is used in the assessment of a development application and that this expert advice is co-ordinated.

In addition to the above considerations, a number of changes introduced with the Sustainable Planning Act 2009 (SPA) that remove the need for a planning approval on certain lots within the SMBI Residential zone should be noted.

#### **CHANGES TO PLANNING LEGISLATION (2009)**

In December 2009, the Sustainable Planning Regulation [SPR] made a material change of use for a dwelling house within a residential zone exempt from assessment against a Planning Scheme in certain circumstances so that only a building application is required. This means that a development permit for a material change of use from Council is no longer required reducing application time frames and costs.

Through this exemption, building applications processed by a building certifier are only referred to local government for consideration of planning matters, such as setbacks, height and other amenity issues only where the application does not meet the relevant Probable Solutions of Queensland Development Code (QDC).

On the SMBIs, the SPR exemption has been interpreted to apply where the development is a material change of use in the SMBI Residential zone and the lot is not identified within an overlay or where the overlay relevant to the assessment is a bushfire overlay and the premises are less than 2000 square metres.

A property analysis conducted by Land Use Planning identified that 992 vacant lots are now exempt under the SPR. Table 2 provides a breakdown of the 922 lots by Island and lot size.

**Table 2: SMBI Residential vacant lots exempt under SPR**

	Lot Size	Number
Macleay Island	<500m <sup>2</sup>	0
	500m <sup>2</sup> – 600m <sup>2</sup>	24
	600m <sup>2</sup> – 700m <sup>2</sup>	5
	700m <sup>2</sup> – 800m <sup>2</sup>	4
	>800m <sup>2</sup>	21
	Macleay total	54
Lamb Island	<500m <sup>2</sup>	0
	500m <sup>2</sup> – 600m <sup>2</sup>	21
	600m <sup>2</sup> – 700m <sup>2</sup>	16
	700m <sup>2</sup> – 800m <sup>2</sup>	1
	>800m <sup>2</sup>	2
	Lamb total	40
Russell Island	<500m <sup>2</sup>	5
	500m <sup>2</sup> – 600m <sup>2</sup>	597
	600m <sup>2</sup> – 700m <sup>2</sup>	163
	700m <sup>2</sup> – 800m <sup>2</sup>	36
	>800m <sup>2</sup>	27
	Russell total	828
SMBI Totals	<500m <sup>2</sup>	5
	500m <sup>2</sup> – 600m <sup>2</sup>	642
	600m <sup>2</sup> – 700m <sup>2</sup>	184
	700m <sup>2</sup> – 800m <sup>2</sup>	41
	>800m <sup>2</sup>	50
	SMBI total	922

It should be noted that lots identified within the SMBI Bushfire Hazard of the Bushfire Hazard Overlay of the RPS are designated a bushfire prone area for the purpose of triggering the Building Code of Australia and AS3959.2009. This designation will require that any dwelling house constructed in the SMBI Bushfire Hazard meets the medium category bushfire protection provisions of the Building Code of Australia including calling up Australian Standard AS3959.2009 Construction in bushfire prone areas.

It is also important to note that for the above vacant SMBI Residential lots the ability to require an advanced secondary treatment system through the RPS will be limited. There is a risk that primary treatment systems may be approved on the subject lots

as any requirement in the RPS for an advanced secondary treatment as part of a self-assessment acceptable solution can be circumvented. This risk needs to be addressed through the drafting of the RPS amendment to provide self-assessment opportunity in the SMBI Residential zone.

#### **DWELLING HOUSE EFFLUENT TREATMENT AND DISPOSAL**

The SMBIPLUS highlighted in 1999 that the on-going use of on-site septic tanks and absorption trenches for wastewater is not sustainable in the long-term on SMBIs given the ultimate population and the land area of most residential lots. Alternative methods of on-site treatment and effluent disposal are also likely to be similarly unsuited to allotments of the size. The study concluded that to address effluent treatment and disposal in a sustainable manner in the long-term a reticulated system is required to service the SMBIs.

The study however recognised that alternative interim measures may be required to reduce public health risks from catchments which may be substantially developed prior to it being economically feasible to provide full sewerage. In this regard, it is understood that consideration is now being given to requiring higher level on-site systems (advanced secondary treatments) for all new dwelling houses applications on the SMBIs. It should be noted that Council had in 2008 requested State Government support to mandate the adoption of best practice on-site effluent systems in all new dwellings on the SMBIs as an interim measure.

On-site effluent treatment and disposal systems are regulated through the Plumbing and Drainage Act (2002) and assessed on an individual lot basis. The legislation however does not provide scope for a more strategic assessment of the cumulative impacts of on-site effluent treatment and disposal systems on urban sized lots. As a result, assessment against the Plumbing and Drainage Act (2002) alone will not require higher level on-site systems.

The development application process and the RPS may provide a mechanism to require all new dwelling houses include advanced secondary effluent treatment and disposal systems.

If dwelling houses are made self-assessable development in the SMBI Residential zone this development assessment mechanism will not be prejudiced as acceptable solutions have capacity to require advanced secondary effluent treatment and disposal systems. If a development application does not comply with such a provision it will be elevated to code assessment and a detailed assessment of the on-site system proposed undertaken. Such a code assessment will provide Council with the ability to condition an advanced secondary treatment system if determined reasonable and relevant through the assessment process. This acceptable solution will also clearly identify to applicants that an advanced secondary system is an acceptable means of dealing with domestic effluent on-site.

To further investigate requiring advanced secondary systems a review of the previous sewerage assessment against more contemporary on-site systems will be

undertaken. This information will then be considered as part of the next scheduled amendment to the RPS.

The following comparative advantages and disadvantages of the systems commonly employed on the SMBIs indicate that with higher performing secondary treatment systems come higher costs and maintenance requirements. This higher costs and maintenance requirements would be even greater for an advanced secondary treatment systems.

Currently, dwelling house effluent on the SMBIs is primarily treated and disposed on-site using either a septic tank system (primary) or a waste water treatment plant (secondary). The comparative advantages and disadvantages of these systems are as follows:

*All Purpose Septic Tank (primary treatment system)*

Black and grey water are discharged to a septic tank where solids are retained and slow acting bacteria break down the effluent before being discharged to common trenching. There is also a filter installed on the outlet of the septic tank.

Advantages

- Lower cost to purchase (approximately \$1,000) and install compared to a waste water treatment plant with no annual maintenance costs (no maintenance contracts) as it only generally requires to be pumped out every five years (depending on loading).

Disadvantages

- Generally twice the disposal trenching is required compared to a waste water treatment plant due to a lower effluent quality;
- Increased risk of surface and ground water contamination and associated public health and environmental damage risks with cumulative effect of an increased number of systems; and
- Necessity for the removal of vegetation to ensure solar access to trenching.

(Note: older septic installations retained solids with slow acting bacteria breaking down the effluent. Black water had some limited treatment with grey water being discharged straight into trenching. The sink waste would go through a grease trap.)

*Waste Water Treatment Plant (secondary treatment systems)*

Black and grey water are treated to a higher quality of treatment compared to septic tank systems prior to discharge to common trenches.

### Advantages

- Higher quality effluent that makes absorption into the soil more easily resulting in lower disposal trenching requirements and
- Reduced risk of surface and ground water contamination and associated public health and environmental damage risks with cumulative effect of an increased number of systems.

### Disadvantages

- Higher cost to purchase (approximately \$6,500) with quarterly maintenance required (annual maintenance contracts) and on-going running and maintenance costs (e.g. chlorine tablets, mechanical breakdown, electricity, pumps, aerators etc).

There are several existing issues with secondary treatment systems on the SMBI, including the initial costs, ongoing maintenance costs required to ensure that systems function correctly, mechanical repairs and electricity costs. There are also instances where landowners are not maintaining the system, failing to repair when required or using it irregularly, which means the systems are breaking down. Support for on-going maintenance and advice is likely to improve with a general move towards advanced treatment processes.

### **ACCELERATED DEVELOPMENT ASSESSMENT PROCESS**

It should also be recognised that Council has already implemented the Accelerated Development Assessment (formerly RiskSmart), an initiative to reduce development application times. This initiative fast tracks a 'low risk' development application that complies with the RPS. The first application type to be eligible for Accelerated Development Assessment is 'low risk' dwelling house applications within the SMBI Residential zone. This initiative will allow a dwelling house application that meets the 'low risk' criteria to be assessed and a decision made within five to ten business days of lodgement subject to the application being well made (includes all required information, plans, forms etc. to allow assessment).

To be considered a 'low risk' application it needs to satisfy the following:

- Dwelling house material change of use application in the SMBI Residential zone (excluding SMBI Residential Sub-Area SR1)
- The only overlays that apply on the lot on which the dwelling house will be built includes:
  - Acid Sulphate Soils;
  - Road and Rail Noise Impacts;
  - Landslide Hazard (only where development is proposed outside all landslide management areas or in the low landslide management area where designed to meet the self-assessable criteria of the code)



- The lot size is greater than 500m<sup>2</sup>;
- A current Property Assessment approval is required to be lodged with the application;
- Referral to a State Agency as either a concurrence or advice agency is not required (e.g. a lot within 100m of Moreton Bay or a referable wetland requires referral to the Department of Environment and Resource Management).

It should be noted that the criteria to be eligible for Accelerated Development Assessment are similar to the criteria recommended in this report to provide opportunity for self-assessment in the SMBI Residential zone.

### **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's 'Wise Planning and Design' outcome 5 – We will carefully manage population pressures and use land sustainably while advocating and taking steps to determine limits of growth and carrying capacity on a local and national basis, recognising environmental sensitivities and the distinctive character, heritage and atmosphere of local communities. A well-planned network of urban, rural and bushland areas and responsive infrastructure and transport systems will support strong, healthy communities.

### **FINANCIAL IMPLICATIONS**

Council charges a fee to assess and administer a code assessable application for a dwelling house in the SMBI Residential zone. The fee is set at a level to recover up to the full cost to administer and assess the application. Should opportunity be provided dwelling house applications to be self assessable, there would be a reduced level of fees received by Council for development assessment balanced by reduced administration and assessment costs. There will also be consequential implications on staff committed to these types of development applications.

### **PLANNING SCHEME IMPLICATIONS**

The Land Use Planning Group prepared this report and the recommendation will be considered as part of the next scheduled amendment to the RPS and reported to Council through this process.

### **CONSULTATION**

The General Managers of Planning & Policy and Development and Community Standards along with the Group Managers of Land Use Planning and Sustainable Assessment and Environmental Management have been consulted in preparation of this report.

Integrated Development Services (Plumbing & Building Assessment) were consulted and supported, in principle, dwelling houses being made self assessable on lots zoned SMBI Residential, subject to mechanism to ensure that on-site effluent

treatment and disposal systems are appropriate for the dwelling size as well as the constraints and values of the lot.

## **OPTIONS**

### **PREFERRED**

That Council resolve as follows:

1. To note the contents of this report;
2. That through the next scheduled amendment to the Redlands Planning Scheme the necessary amendments to the Redlands Planning Scheme are made to provide opportunity for a dwelling house to be a self-assessable use within the SMBI Residential zone under prescribed circumstances (acceptable solutions);
3. That code assessment be maintained on lots included within SMBI Residential Sub-Area SR1

### **ALTERNATIVE**

That Council make amendments to the preferred resolution.

## **OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Bowler

Seconded by: Cr Elliott

That Council resolve as follows:

1. To note the contents of this report;
2. That through the next scheduled amendment to the Redlands Planning Scheme the necessary amendments to the Redlands Planning Scheme are made to provide opportunity for a dwelling house to be a self-assessable use within the SMBI Residential zone under prescribed circumstances (acceptable solutions); and
3. That code assessment be maintained on lots included within SMBI Residential Sub-Area SR1.

## **CARRIED**

### 12.2.3 CONFRONTING OUR CLIMATE FUTURE - COUNCIL'S CLIMATE CHANGE STRATEGY FOR APPROVAL

<b>Datworks Filename:</b>	<b>EM Climate Change – Community Adaptation EM Climate Change – Corporate Adaptation</b>
<b>Attachments:</b>	<a href="#"><u>Corporate Climate Change Policy 3090 Confronting Our Climate Future Strategy</u></a>
<b>Responsible Officer Name:</b>	<b>Gary Photinos Manager, Environmental Management</b>
<b>Author Name:</b>	<b>Helena Malawkin, Luke Reade Advisors, Environmental Performance Warren Mortlock, Principal Advisor, Environmental Protection</b>

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#### EXECUTIVE SUMMARY

Confronting Our Climate Future is Council's commitment to action on climate change. It provides a comprehensive approach to climate change adaptation, greenhouse gas mitigation and peak oil for Council, covering all its assets, operations and services to the community.

Outlined in the one document are Council's Corporate Climate Change Policy, Strategic Outcomes to 2030 and a Climate and Energy Action Plan 2010 – 2015. The strategy brings together climate change mitigation and adaptation, and energy transition planning for the first time.

The effectiveness of this strategy will be monitored and evaluated to ensure it is meeting the expectations of Council and the community.

The key recommendations are to approve the policy, strategy, action plan and to endorse the process for broader consultation.

#### PURPOSE

To seek Council approval to adopt *Confronting Our Climate Future*, and contained within the strategy, Council's Corporate Climate Change Policy, Strategic Outcomes to 2030 and a Climate and Energy Action Plan 2010 – 2015.

#### BACKGROUND

1. Corporate Environment Policy POL-2644 commits Council to "Ensure that the consequences of climate change for Redland City are understood and planning minimises the potential adverse impacts on natural ecosystems and the community".

2. The Redland City Local Greenhouse Action Plan (LGAP) was prepared under the Cities for Climate Protection Program (CCP) and adopted by Council resolution in 2004 and expired in June 2010.
3. In 2009 (GM 24 June), the Redland City Council Climate Change Risk Assessment Report was adopted as a basis for planning and policy response to climate change.
4. In 2009 (GM 30 September), the Redland City Council Climate Change Adaptation Action Plan was adopted as a basis for planning and policy response to climate change.
5. In 2010 (GM 24 February), the Council set new greenhouse gas emission targets. The targets adopted were 25% reduction over 1998 emissions by 2020, and a further 25% reduction on 1998 levels by 2030. In total these targets would achieve a 75% reduction on 1998 levels by 2050.

## ISSUES

### ADOPTING THE CLIMATE CHANGE STRATEGY

Council adoption of “Confronting Our Climate Future” is an important pivotal moment for Redland’s response to climate change and energy transition. It goes well beyond Council’s current position on these issues.

#### *Confronting Our Climate Future:*

- includes policy, strategic outcomes to 2030 and a five year action plan;
- Brings together climate change mitigation and adaptation, and a new element “energy transition” into the one strategy;
- Goes much further than the previous Redland City Council Climate Change Risk Assessment and the Climate Change Adaptation Action Plan prepared for Council by Marsden Jacobs and Associates – as both these documents covered adaptation only;
- Supersedes the previous Local Greenhouse Action Plan 2010, which covered mitigation only and expired in June 2010.

“Confronting Our Climate Future” deals with the climate risks to Council, and does not include detailed examination of risks to the community at this time. This position will change once more detailed policy information becomes available from both the State and Federal Governments. The strategy however does facilitate and support community response to climate change and energy transition. The strategy also recognises the significant roles and responsibilities of State and Federal Government for reducing emissions nationally and in Queensland. The Federal and State targets for the community amount to a 60% reduction in 2000 level emissions by 2050.

The strategy focus is on guidance and co-ordination of Council’s roles and responsibilities in regard to climate change, and how these are to be integrated into Council’s business and management framework. Climate change is a very dynamic

and complex issue – integrating it across Council assets, operations and services will be challenging. *Confronting Our Climate Future* sets out what must be done to respond to climate change by the many areas of Council as part of our ‘routine business’ and ‘risk management’ planning.

Several key principles and assumptions underpin this strategy, including:

- Recognise that climate change is caused by humans and is with us for the rest of this century. Australia is committed to a “safe climate”, for which the science establishes a global concentration of 350ppm CO<sub>2</sub>-e in the atmosphere that should be reached.
- There will be unavoidable impacts on both the natural and built environments from greenhouse gases already in the atmosphere, and we need additional urgent GHG reductions to reduce further impacts.
- Recognise that adaptive management is required to address climate change and must be embedded into existing Council management systems across all sections of Council.
- Climate change is primarily a hazard that requires a risk management approach. Our approach is based on the Commonwealth's *Climate Change Impacts & Risk Management - A Guide for Business and Government*.
- Climate scenarios are currently tracking at ‘worst case’ IPCC projections.
- Mitigation and energy transition are related concerns – we need to address both together.
- Many of the risks identified to date require much further investigation (e.g. foreshore protection) and for some the science is simply not yet available to support rigorous analysis (e.g. acid sulphate soils). However, the plan should provide a stepwise approach to each risk that the responsible areas of Council may follow.

This strategy has been partly funded by the Australian Government Department of Climate Change under its Local Adaptation Pathways Program.



#### THE CLIMATE AND ENERGY ACTION PLAN 2010 – 2015

The Climate and Energy Action Plan 2010 – 2015 implements the strategy over the next 5 years. The adaptation actions set out in the plan are largely already being delivered through the risk management framework at Council; they were added to the risk register in 2009 following Redland City Council Climate Change Risk Assessment and the Climate Change Adaptation Action Plan prepared for Council by Marsden Jacobs and Associates. The risks arising from corporate mitigation of greenhouse gas emissions need to be revised on the register from their current LGAP focus to that following from this strategy. The actions to mitigate risks arising from energy transition, and actions necessary to support (facilitate) mitigation and adaptation by the wider community are new areas of risk that are yet to be included into the risk register.

The risk management framework will be the ongoing tool for implementation of actions contained in the Climate and Energy Action Plan 2010 – 2015. However, not all climate change responses are about 'risk management': for example those concerned with lobbying at regional and state forums. Therefore tracking of all actions will be necessary, and tracking systems will be needed in addition to the risk management framework.

The key implementation issues in the next five years for Council are:

- A 5% reduction in GHG emissions each year for the next 10 years is necessary, and will be difficult and demanding target that must not be taken lightly;
- Council needs to allocate priority, resources and investment to achieve its targets (the failure to do so early under the LGAP was a significant reason for Council's failure to meet LGAP targets, and allocation of greater resources in 2009/10 has already made a significant difference);
- Much more aggressive changes to policy, plans and operating practice are needed to:

- reduce of the size and GHG emissions of the Council fleet, while maintaining operational capacity (fleet is currently increasing in size);
- maximize GHG reduction possible through staff behavioural change;
- Much of the first five year plan is concerned with research and investigation in order to develop planning and management options. This is aimed at practical not theoretical research, and how current research findings from NCARF/Universities and CRCs allow Council to make progress on key management issues. However, we will continually be constrained by the lack of knowledge and the need to wait for research findings to arrive before we can apply them.
- State and Federal climate change policy is unclear and continually changing. Through *Confronting Our Climate Future*, Council will be setting its own direction, maintaining its position ahead of State and Federal policy, while remaining flexible to future changes in the policy landscape. Council can anticipate greater regulation and the need to report carbon emissions in the near future;
- Mitigation, adaptation and energy transition actions have gathered pace in neighbouring Councils. Redland City must move quickly to implement *Confronting Our Climate Future* simply to keep up with the pace of change in SEQ local government on this issue.

#### TRANSLATION OF MITIGATION TARGETS INTO ANNUAL TARGETS

The corporate GHG emission reduction targets included in *Confronting Our Climate Future* (25% by 2020, 75% by 2050) were adopted by Council in February 2010. They are only marginally above those broad community targets already set by the Federal and State Governments (60% reduction by 2050). Such reductions cannot be left to the latter part of this decade to implement, and the cost of mitigation escalates for each year that the greenhouse gas reduction target is not met.

Our best estimates are that the adopted targets translate into achieving a minimum annual **corporate GHG emission reduction of a 5% per annum** for the next 10 years. This target includes:

- Reduction of our current position 15 to 20% above 1998 levels;
- 25% reduction over 1998 levels by 2020;
- Allowance for continuing population growth in Redland of about 2 % per annum;
- Allowance for greater early emissions reductions, and lower reductions later.

*Confronting Our Climate Future* also includes action and investment in the next 10 years to facilitate and support the work of the State and Federal Government to achieve emission reduction in the community. A similar annual GHG emission reduction of 5% per annum for the next 10 years is needed for individual, household, business and organisations in Redlands to achieve State and Federal Government target of a 60% reduction by 2050.

ESTABLISHMENT OF INTERNAL WORK GROUP: ENERGY TRANSITION STUDY AND ACTION PLAN

*Confronting Our Climate Future* calls for the establishment of an energy transition internal work group. The work group will undertake a study of energy transition risks to Council and Redland community arising from oil vulnerability, increasing and volatile fuel prices, and energy security. It will be made up of Council officers, with possibility of limited external technical expertise in latter stages.

The study will inform the development of an Energy Transition Action Plan (by 2015), which may be fully integrated into the next Climate and Energy Action Plan 2015 – 2020. The approach will encourage energy transition actions that are consistent with mitigation and adaptation actions. The Energy Transition Action Plan will identify triggers such as fuel costs and availability, and it will identify the role of transport and emergency services.

PROCESS FOR BROADER CONSULTATION

*Confronting Our Climate Future* needs to be a dynamic strategy because climate change and energy transition are dynamic policy arenas, and our best made plans may change as the journey to 350ppm CO<sub>2</sub> in the atmosphere and fuel security continues. The rapidly evolving science and policy will impact the climate scenario for Redlands and our strategy.

Following Council adoption, it is proposed the strategy is released to the public. The proposal is to review the strategy in June 2011 and allow for public (or Council) comments at any time up to February 2011. Six months from now, the review will commence (against changes in policy, programs and science), comments will be considered, and changes reported back to Council, along with progress report on implementation. Subsequent regular reviews are envisaged at mid term and the end of the strategy. A newsletter style publication would be developed to make the review results public, and re-publish the action plan component rather than the entire document.

**RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's Outcomes 'Green Living' – Our green living choices will improve our quality of life and our children's lives, through our sustainable and energy efficient use of resources, transport and infrastructure, and our well informed responses to risks such as climate change.

- 2.2 *Promote, support and encourage commitment to green living in our community by improving residents' understanding of climate change and achieving greater water, energy and waste conservation and efficiency*
  
- 5.4 *Review Council's and the community's climate change preparedness, ensuring all risks are understood and plans are activated to deal with expected outcomes*



## FINANCIAL IMPLICATIONS

There is not a separate budget for 'climate change'. Integrating responsibility across Council for climate change risks means that measures to address climate change will be spread across the capital and operational budgets. Each area of Council looks at the cost benefits of actions to achieve risk management annually and proposes budget equal to the task.

Achieving a minimum annual corporate GHG emission reduction of a 5% per annum for the next 10 years will require a 10 year rolling investment plan. It is unlikely that this level of reductions can be maintained on less than the current budget of \$600,000 per annum.

Early action is needed, as the costs of reducing emissions by 5% per year are expected to increase dramatically in future years, especially for each year that the greenhouse gas reduction target is not met.

## PLANNING SCHEME IMPLICATIONS

Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will not directly require any amendments to the Redlands Planning Scheme. Some actions identified in the Climate and Energy Action Plan 2010 – 2015 may require investigations toward future amendments to the Redlands Planning Scheme and that will be the responsibility of Land Use Planning to submit and report to Council.

## CONSULTATION

All areas of Council were consulted during several workshops to develop Council's Climate Change Risk Assessment Report and the Climate Change Adaptation Action Plan. A subsequent action was to place all the climate change risks onto the Corporate Risk Register. Meetings were held with Group Managers during December 2009 and January 2010 to identify future treatments to mitigate climate change risks and confirm responsible Departments or Groups.

The strategy was circulated internally for comment over a two week period to all Service Managers and to Senior Management Group. A workshop was held with Executive Leadership Group and Councillors on 5 May 2010 where comments were provided and issues discussed.

Further, external professional peer review comments were sought from Mary Maher, Peter Kinrade (Marsden Jacobs and Associates) and Karina Spence. All comments have been considered, a summary of the comments were provided to the Councillor and ELG workshop for discussion, and where relevant, changes incorporated into the next version of *Confronting Our Climate Future*.

**OPTIONS**

## PREFERRED

That Council resolve as follows:

1. To adopt the Corporate Climate Change Policy POL – 3090;
2. To adopt *Confronting Our Climate Future Strategy 2030 (GL-3090-001)* and the *Climate Change and Energy Action Plan 2010 – 2015*;
3. To implement *Confronting Our Climate Future* immediately and invite public comment on the policy and strategy between August and the end of February 2011; and
4. Conduct a review of the strategy by June 30 2011 and changes reported back to Council, along with progress report on implementation.

## ALTERNATIVE

That Council resolve to defer the adoption of the Corporate Climate Change Policy POL – 3090; and *Confronting Our Climate Future Strategy 2030 (GL -3090-001)* pending further direction from Council.

**OFFICER'S RECOMMENDATION**

That Council resolve to:

1. Adopt the Corporate Climate Change Policy POL – 3090;
2. Adopt *Confronting Our Climate Future Strategy 2030 (GL-3090-001)* and the *Climate Change and Energy Action Plan 2010 – 2015*;
3. Implement *Confronting Our Climate Future* immediately and invite public comment on the policy and strategy between August and the end of February 2011; and
4. Conduct a review of the strategy by June 30 2011 and changes reported back to Council, along with progress report on implementation.

**COMMITTEE DISCUSSION**

Committee discussed that there may be an opportunity for the Council's Audit Committee to play a role in ongoing monitoring of the action plan. The Chief Executive Officer mentioned that the current Audit Committee charter is under review and the suggestion of monitoring the action plan can be considered as part of that review. The Committee decided to include an additional item to the Officer's Recommendation accordingly.

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Elliott

**That Council resolve to:**

- 1. Adopt the Corporate Climate Change Policy POL – 3090;**
- 2. Adopt Confronting Our Climate Future Strategy 2030 (GL-3090-001) and the Climate Change and Energy Action Plan 2010 – 2015;**
- 3. Implement Confronting Our Climate Future immediately and invite public comment on the policy and strategy between August and the end of February 2011;**
- 4. Conduct a review of the strategy by June 30 2011 and changes reported back to Council, along with progress report on implementation; and**
- 5. That progress on the action plan be reported through the Audit Committee as well as direct to Council subject to the review of the Audit Committee Charter.**

**CARRIED**

### Corporate Climate Change Policy

#### Head of Power

The Corporate Climate Change Policy supports the Council's Corporate Plan 2010 outcome:

"Our green living choices will improve our quality of life and our children's lives, through our sustainable and energy efficient use of resources, transport and infrastructure, and our well informed responses to risks such as climate change".

This policy is strongly aligned with Councils Corporate Environment Policy POL 2644.

#### Policy Objectives

To reduce the greenhouse gases emitted by Council and the community to levels and within a time acceptable to the wider community, and ensure that the consequences of climate change and energy transition for Redland City are understood and planning minimizes the potential adverse impacts on natural ecosystems and the community."

#### Policy Statements

Council's position is to ensure that:

1. The life, health and safety of the staff and the community are protected from the impacts of a changing climate and energy transition;
2. Council property and assets and the infrastructure it provides to the community are protected from the impacts of a changing climate and energy transition;
3. The essential services that Council provides to the community meet delivery expectations in a changing climate and energy transition.
4. The Council's and community's greenhouse gas emissions are reduced to achieve at least national targets by 2050;
5. The Council's management provides the best possible buffering of the Redland natural environment and cultural heritage from the impacts of a changing climate.
6. Development in the Redland is planned, sited and designed to prevent or mitigate the adverse effects of a changing climate and energy transition;
7. The community is resilient, (well informed, resourced, empowered and able to make decisions and take action) to respond to the adverse effects and potential opportunities of a changing climate and energy transition.

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Group:  
Approved:

Effective date:  
Version: 2.1  
Review date:  
Page: 1 of 1

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# **Confronting Our Climate Future GL 3090-001**

**Planning and Policy Committee Meeting 4 Aug 2010**

## Acknowledgements

### Disclaimer

This document has been prepared using information on climate change supplied by scientists, consultants, and other third parties. The Redland City Council does not warrant the accuracy or completeness of the information contained in this document or that the information is free from error. The Redland City Council accepts no liability for any loss, damage or injury (including consequential loss, damage or injury) from any use of the information.

### Copyright

This strategy is based on *Redlands Climate Change Risk Assessment* report 2008 and *Redlands Climate Change Adaptation Plan* 2009 produced by Marsden Jacob Associates (MJA) and Broadleaf Capital International for Redland City Council. These reports were partly funded by the Australian Government Department of Climate Change under its Local Adaptation Pathways Program. *Confronting Our Climate Future* was prepared by Redland City Council who owns the copyright over this document.

### Citation

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# Confronting Our Climate Future

A strategy to 2030 for Redland City to:

Reduce greenhouse gas emissions

Respond to climate change

Achieve energy transition

August 2010

## Executive Summary

The strong consensus in the Australian and international scientific community is that climate change is real, measurable and of great concern. Majority scientific findings are that the changes to climate are caused by greenhouse gas emissions from human activity. It is widely accepted that even significant measures to reduce greenhouse gas emissions now will not stop some degree of global warming, and inevitably climate change that would have economic, social and environmental impacts globally - including of course on Redland City.

The *Redlands 2030* Community Plan recognizes climate change as a key challenge, and it is also addressed specifically in Redland City Council's Corporate Plan.

The future climate of Redlands is expected to be hotter than today, with higher average temperatures, more hot days and more frequent and severe droughts. At the same time, there are likely to be more intense rainfall events and associated flooding. It is possible that storms and winds will increase in intensity also. These changes, combined with rising sea level, are likely to result in more frequent and extreme storm tides and a greater potential for coastal flooding.

Our mix of coastal villages, island communities, and shallow bay and exposed coast makes our exposure to climate change complex. We need to understand how to protect our natural assets, strengthen our economy, and build sustainable communities in the face of climate change challenges. The greatest need is to quickly reduce our greenhouse gas emissions, which are among the highest per-capita emissions in the world.

A related concern is 'Peak Oil', which forecasts the declining supply of fossil fuels this century and the need for our community to transition to cleaner and greener energy sources. The Council and the community can expect to be impacted by rising and volatile oil prices, and the declining supply of fossil fuels, during the timeframe of this strategy. Council is especially exposed because it maintains a vehicle fleet, builds and maintains roads, and uses heavy transport in activities such as waste management and for transport links to the islands to maintain services. Our responses to this issue will be very similar to the responses that achieve lower carbon emitting transport outcomes. Businesses and services that rely heavily on oil based products will pass the costs of this transition onto consumers. Hence 'energy transition' and greenhouse gas emission reductions are treated together in this strategy.

Together, Council and the Redland community can confront these challenges and become more resilient to the impacts of climate change and energy transition. Council will lead our community in increasing our awareness, preparedness, and response to these impacts over the next decades. This document is a Climate Change and Energy Transition Strategy for Council, with a 20 year planning horizon and rolling five year action plans.

*Confronting Our Climate Future* provides a comprehensive approach to climate change and energy transition for Council, covering all its assets, operations and services to the community. The strategy brings together mitigation, adaptation and energy transition planning for the first time. We will build on our understanding of how these changes impact on Council to also extend awareness, advice, and support to the Redlands community. The effectiveness of this strategy will be monitored, evaluated and reviewed to ensure it is meeting the expectations of Council and the community.

The first priority of the strategy must be to reduce the Redland's carbon footprint, and for Council to take a leadership role in doing so. Our increasing population and further planned development are a considerable challenge for reducing, or mitigating, greenhouse gas emissions, and Council's experience is that this mitigation is a demanding task. While Council embarked on a proactive approach under the Local Greenhouse Action Plan 2004 – 2010

(LGAP) to reducing greenhouse gas emissions from its fleet, buildings, activities and services, we only managed to get half way to our mitigation target by 2010. *Confronting Our Climate Future* now supersedes the LGAP and resets our corporate target for the future to a 75% reduction on 1998 emissions by 2050. The first 5 year plan (2010 to 2015) continues this focus on early (and low cost) mitigation across Council. It also continues Council programs to assist the community to do the same.

The second priority of the strategy is to plan for how we adapt to climate changes and energy transition: the actual changes and the predicted ones. Clear direction is needed for long term adaptation that strengthens our resilience to these changes.

*Confronting Our Climate Future* describes how such adaptation is now an integral part of Council's business. Adaptation requires a coordinated and collaborative approach across Council, integrating responsibility within all areas of Council's decision making and governance. The first 5 year plan (2010 to 2015) continues the risk management approach already adapted by Council to climate change and extends this to energy transition. It focuses on research and understanding about where in the Redlands these impacts will be first felt and how significant they will be; what can realistically be done to avoid, manage or adapt to these conditions; and on the basis of this information, develop more detailed plans. There are also early actions to increase community awareness and preparedness and to encourage local business to start their own planning. Subsequent 5 year plans will increasingly switch to putting our adaptation plans into place.

*Confronting Our Climate Future* includes a 'Corporate Climate Change Policy' that supports the goals of the Redlands 2030 Community Plan, Council's Corporate Plan 2010 - 2015, and Corporate Environment Policy POL 2644.

The policy statements translate into the seven goals of the *Confronting Our Climate Future* strategy, for each of which there are strategic outcomes to guide implementation:

1. The life, health and safety of Council and the community are protected from the impacts of a changing climate and energy transition;
2. Council property and assets and the infrastructure it provides to the community are protected from the impacts of a changing climate and energy transition;
3. The essential services that Council provides to the community meet delivery expectations in a changing climate and energy transition.
4. The Council's and community's greenhouse gas emissions are reduced to achieve at least national targets by 2050 ;
5. The Council's management provides the best possible buffering of the Redland natural environment and cultural heritage from the impacts of a changing climate.
6. Development in Redland City is planned, sited and designed to prevent or mitigate the adverse effects of a changing climate and energy transition;
7. The community is resilient, well informed, resourced and able to make decisions to respond to the adverse effects and potential opportunities of a changing climate and energy transition.

The *Climate and Energy Action Plan* 2010 to 2015 implements these strategic outcomes through specific actions in the next five years. *Confronting Our Climate Future* and the *Climate and Energy Action Plan* 2010 to 2015 take effect once endorsed by Council. However, there has been a long genesis in the approach of this strategy. Mitigation actions stem from the previous LGAP plan, and the findings of an audit by ARUP in 2008. Adaptation actions were first foreshadowed in the *Redlands Climate Change Adaptation Plan* 2009 and are currently

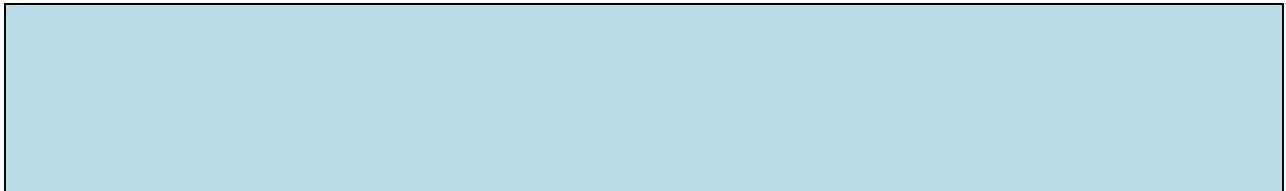
included and managed under the Council's risk register. The significant roles of this strategy are to consolidate and coordinate these previously separate initiatives, and provide policy and strategic direction to future *Climate and Energy Action Plans*.

The strategy and action plan will be reviewed after six months. Comments from Council and the public are welcome up to the end of 2010 – and will be considered in the review.

### Mayor's Signature quote



### CEO's Signature quote



## 1. Introduction

The strong consensus in the Australian and international scientific community is that climate change is real, measurable and of great concern. CSIRO and the Bureau of Meteorology have recently stepped up their campaign to raise awareness among Australians to the changes already taking place, and those yet to come. Majority scientific findings are that these changes are caused by increasing greenhouse gas emissions – mainly from human activity.

*'There is greater than 90% certainty that increases in greenhouse gas emissions have caused most of the global warming since the mid-20th century. International research shows that it is extremely unlikely that the observed warming could be explained by natural causes alone. Evidence of human influence has been detected in ocean warming, sea-level rise, continental-average temperatures, temperature extremes and wind patterns. CSIRO research has shown that higher greenhouse gas levels are likely to have caused about half of the winter rainfall reduction in south-west Western Australia.'* *State of the Climate 2010, CSIRO and Bureau of Meteorology.*

*'There is an emerging consensus among prominent scientists that anything above a 2°C increase in global temperatures above pre-industrial levels will be dangerous and irreversible with potentially catastrophic global impacts'* (Preston, Jones, 2006; Bali Climate Declaration by Scientists, 2007).

It is also widely accepted that even significant measures to reduce greenhouse gas emissions now will not stop some degree of global warming, and inevitably climate change that would have economic, social and environmental impacts on Redland City. Whether or not you personally accept these findings, the weight of evidence is such that Redland City Council must accept responsibility on behalf of the local community and act decisively on climate change.

Climate change varies on a regional basis, but all of Redland City is already affected. CSIRO confirms in their latest *State of the Climate* statement that we can expect the Redlands by 2030 to be 0.6 to 1.5°C hotter than the present day (2010), with more hot days, and more dry days. Predictions are for more frequent and severe droughts. At the same time, there are likely to be more intense rainfall events and associated flooding. It is possible that storms and winds will increase in intensity also. These changes, combined with rising sea level, are likely to result in more frequent and extreme storm tides and a greater potential for coastal inundation. A more detailed list of predicted changes is provided in Table 1.

Through the Redlands 2030 Community Plan, the community has identified climate change as a key challenge and the community vision for “green living” choices recognizes the need for energy efficient use of resources and a community well informed and prepared for risks such as climate change. Our mix of coastal villages, island communities, and shallow bay and exposed coast makes our exposure to climate change complex. We need to understand how to protect our natural assets, strengthen our economy, and build sustainable communities in the face of these complex challenges.

Redland City Council is responding to these challenges and is working in partnership with the community to become more resilient to the impacts of climate change and energy transition. Council also recognizes local government's role is to work alongside the Queensland and Australian governments to address the climate change and energy transition challenges together. Council will be a leader in the Redland community, increasing awareness, preparedness, and response to climate change and energy risks and impacts over the next decades.

The purpose of this strategy, *Confronting Our Climate Future*, is to:

- provide a comprehensive approach to climate change and energy transition for Council, covering all its assets, operations and services to the community;
- provide a single strategic document that brings together mitigation, adaptation and energy transition planning for the first time;
- replace the Redland City Council Local Greenhouse Action Plan 2004 – 2010;
- provide strategic directions that implement the Corporate Plan 2010 – 2015 “green living” outcomes; and
- provide leadership to the Redland City community and build resilience to climate and energy risks.

The strategy must be soundly based on nationally accepted science and understanding of how climate change already impacts on Council and is predicted to impact on Council and Redland. It must also be underpinned by a strong emphasis on risk management and adaptive management.

*Confronting Our Climate Future* is presented in two parts – see Figure 1.

Part One includes:

- background information;
- introduces the three broad platforms to address climate change - adaptation, mitigation and energy transition;
- outlines the rationale for Council’s commitment to climate change, and;
- summarizes current and predicted climate change in Redland.

Part Two includes:

- a high level Climate Change and Energy Transition Policy with objectives and strategic outcomes over a time horizon to 2030
- commences 5 year rolling action plans, which will follow the 5 year planning cycle of Council’s Corporate Plan with the Climate Change and Energy Action Plan 2010 – 2015.

### **Figure 1: Structure of Confronting Our Climate Future**

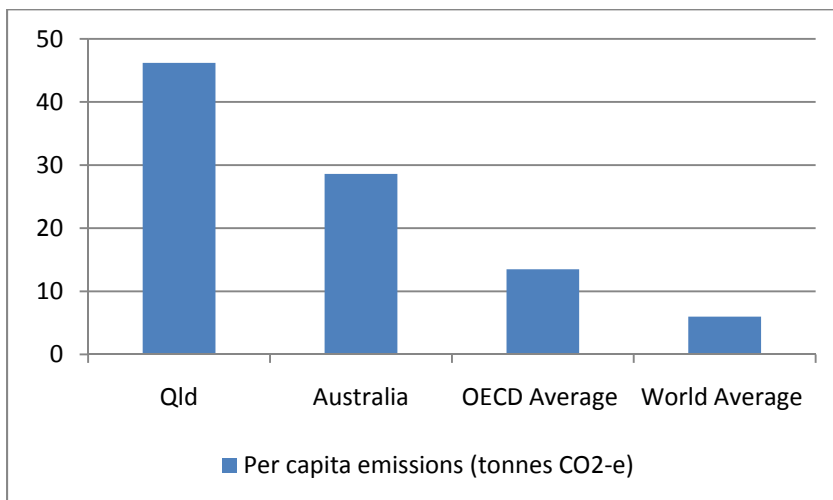
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## **1.1. What is Mitigation?**

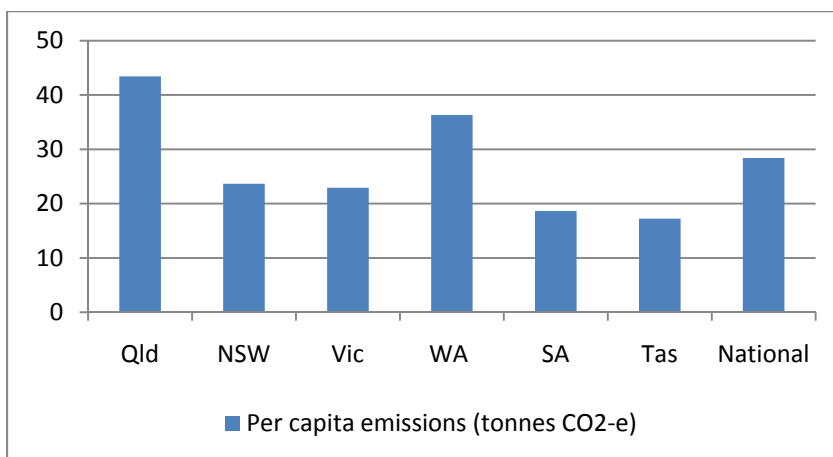
Mitigation means taking action to reduce the amount of greenhouse gases emitted into the atmosphere and thereby reduce the future changes to global climate. Mitigation actions are proactive, aimed at reducing atmospheric concentrations of carbon dioxide equivalents (CO<sub>2</sub>e), to safe levels (e.g. 350 ppm), so that global temperatures do not increase by more than 2 degrees Celsius. Mitigation actions will help decrease the rate and overall magnitude of climate change, and therefore lessen future impacts. That means less adaptation will be needed in the future.

Mitigation actions are urgent and are the first priority to address climate change. Relative to the rest of Australia and the world, our emissions are high. Queensland’s per capita emissions were more than triple the OECD average in 2005 (Figure 2), and Queensland currently has the highest per capita emissions of all Australian states (Figure 3). In addition, many of our lifestyle resources (such as clothing, vehicles, white goods and appliances) come from other nations, the production of which contributes to those country’s emissions.

*“While Australia’s contribution to total global greenhouse emissions is relatively small, at around 1.5%, its per capita greenhouse gas emissions are the highest of any country in the Organization for Economic Co-operation and Development (OECD) and are among the highest in the world. In 2008, Australia’s per capita emissions (including emissions from land use, land-use change and forestry) were 27.4 tonnes carbon dioxide equivalent (CO2-e) per person (DCC analysis 2009). Australia’s per capita emissions were nearly twice the OECD average and more than four times the world average of six tonnes”. Department of Climate Change (March 2010)*



**Figure 2: Per capita greenhouse gas emissions in 2005. Based on most recent world figures available for purposes of comparison - Source Climate Q: toward a greener Queensland (2009).**



**Figure 3: Australia’s per capita greenhouse gas emissions by state in 2007. Source: Climate Q: toward a greener Queensland (2009).**

## 1.2. What is Adaptation?

The second priority after mitigation is adaptation. Adaptation means taking actions in response to actual or projected climate changes and their impacts, that lead to a reduction in risks or a realization of benefits. Adaptation improves our ability to cope with a changing climate. Planning ahead is vitally important for how Council and the Redland community adapts to climate change: the actual changes and the predicted changes. It requires that we anticipate and plan for the impacts (i.e. risk management) of climate changes and extreme weather events. In its absence, an unplanned and reactive approach will occur by default. Redland City Council already operates disaster and emergency management plans that respond to bushfires, cyclones, and other extreme weather events. Adaptation focuses on how such measures need to change in order to plan for the additional impacts likely from these events under changing climate scenarios.

## 1.3. What is Energy Transition?

Energy Transition means moving to low or no-carbon fuels and 'green' energy technologies. It also means moving to 'green' behaviours and lifestyle choices that reduce of consumption of resources, and energy use in particular. It means reducing our dependence on fossil fuels and moving toward more renewable options. These actions are also significant for mitigation of greenhouse gases, and contribute to a more sustainable Redland community.

Energy Transition responds to forecasts of oil shortages, as well as increased and volatile pricing associated with 'peak oil'. **Peak oil** is the point at which about half of the world's oil supplies have been consumed – i.e. the rate of oil production is equal to its consumption. After this point, discoveries and production of oil decrease, while our demand will continue to rise. Consequently, a steep decline in oil supplies and increases in prices are predicted following peak oil, and within the time frame of this strategy. Australian oil production is known to have peaked in 2000, and world-wide the peak date is debated. Oil is used right across all sectors of society, including: transport (petrol, diesel, LPG); manufacturing; health; agriculture; packaging and plastics; pharmaceuticals; chemicals; and heating.

In February 2007, the Federal Government's Standing Committee on Rural and Regional Affairs and Transport released its report Australia's future oil supply and alternative transport fuels. In April 2007, the Queensland Government released a report acknowledging our vulnerability to Peak Oil<sup>1</sup>. Both reports call for early planning on energy transition of at least 20 years.

## 1.4. Roles and Responsibilities of Government

Response to climate change and energy transition are a rapidly evolving areas of public policy, and the policy drivers for this strategy are changing rapidly as government comes to grips with the issues. Rather than provide specific policy detail, the following section focuses on the different responsibilities and roles of the three levels of government in climate change and to a lesser extent energy transition.

*Confronting Our Climate Future* aims to align with State and Federal legislation and policy, and the response of other Local Governments in southeast Queensland.

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<sup>1</sup> Queensland's Vulnerability to rising Oil Prices Taskforce Report, 5 April, 2007.



The background context for mitigation was compiled for Council by ARUP in February 2009<sup>2</sup>, and for adaptation by Marsden Jacobs and Associates in June 2009<sup>3</sup>. Although Council keeps up to date with these changes, a further detailed background review for Redlands was not considered necessary in producing this strategy. Many excellent reviews are available of the changing legislation, policies, and programs related to climate change, and these are listed in the box below and not repeated herein.

The evolving climate change policy landscape at Australian and State levels is becoming target-rich and increasingly regulatory. In regard to mitigation, the emerging intent is that local government, businesses, organizations, households and individuals in the community now need only meet the requirements of legislation, for Australia to meet national targets. Government abatement programs and rebate schemes are in place and more are foreshadowed. These schemes target financial drivers and return cost savings to the consumer for the take-up of certain practices, behaviours and technologies (e.g. Solar rebates). These schemes also promote, advise and assist with cost free ways of saving on heating, cooling, fuel and power use. They have a substantial influence on energy transition in the community to renewable energy and energy efficiency.

The role of voluntary greenhouse gas reduction in excess of the above requirements is increasingly diminished and uncertain, however there is strong community sentiment (evidenced in national surveys) that current government responses are not enough and faster action on greenhouse gas reduction is needed.

#### 1.4.1. Australian Government Roles and Responsibilities

The Australian Government's roles are recognized as<sup>4</sup>:

- Maintaining a strong, flexible economy and a social safety net;
- Promoting Australia's interests internationally;
- Leading and coordinating national reform, and positioning virtually every sector of the economy and society in Australia to adapt to climate change and energy transition impacts that may affect national prosperity or security;
- Managing Commonwealth assets and programs, including environmental protection, community health, emergency management and national security; and
- Generating most of the important national science and information that will be needed for Australia to effectively adapt to the impacts of climate change and energy transition.

The Australian Government departmental responsibilities are:

- The Department of the Prime Minister and Cabinet has overall responsibility for coordination, with State and Territory Governments in relation to the Council of Australian Governments;
- The Department of Climate Change and Energy Efficiency (DCCEE) is responsible for the:

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<sup>2</sup> Redland City Council Greenhouse Gas Emissions: detailed audit (February 2009). Arup Pty Ltd, Brisbane - weblink

<sup>3</sup> Redland City Council Climate Change Adaptation Plan June 2009. Marsden Jacobs and Associates - weblink

<sup>4</sup> Adapting to Climate Change in Australia: An Australian Government Position Paper 2010. Department of Climate Change see [www.climatechange.gov.au](http://www.climatechange.gov.au)

- coordination of climate change policy;
- measuring and reporting national greenhouse gas emissions towards national targets;
- energy efficiency;
- administration of the 20 per cent renewable energy target (and Carbon Pollution Reduction Scheme - CPRS); and
- international reporting commitments (UNFCCC and the Kyoto Protocol).
- The Department of Resources, Energy and Tourism, is responsible for the administration of the clean energy initiatives that includes measures on renewable energy and low emissions technology.
- The Department of Innovation, Industry, Science and Research, is responsible for the coordination and delivery of science and research relevant to climate change.

The Australian Government confirmed its target to reduce emissions by 2020 under the process agreed at Copenhagen in 2010. The target range stands at a 5 to 25 per cent cut by 2020, and a 'long term' target of 60% reduction by 2050. The Australian Government also expanded its Renewable Energy Target to 20 per cent by 2020.

Legislation and policy is emerging at the national level, such as the National Greenhouse and Energy Reporting (NGER) Act, and the federal National Strategy on Energy Efficiency (NSEE) (2009). The NSEE will also introduce legislation requiring greater disclosure of the energy efficiency of large commercial buildings at the time of sale or lease.

The Renewable Energy Future Fund was announced in the 2010 budget as part of the Government's expanded \$5.1 billion Clean Energy Initiative, which includes the \$2 billion Carbon Capture and Storage Flagships Program and the \$1.5 billion Solar Flagships Program. The Government's total investment in renewable and clean energy, and energy efficiency, is now in excess of \$10 billion.

#### 1.4.2. Queensland State Government Roles and Responsibilities

*"Achieving meaningful greenhouse gas reductions in Queensland is a difficult task. The state has an energy-intensive economy that is reliant on fossil fuel energy sources and a rapidly growing, dispersed population. Queensland's average greenhouse gas emissions per person are among the highest in the world. Queensland is responsible for around 30 per cent of Australia's annual emissions, in spite of having just approximately 20 per cent of the population. On current trends (business as usual), Queensland's greenhouse gas emissions are projected to increase by nearly 50 per cent to almost 250 million tonnes by 2050. ClimateQ presents a range of initiatives and policies to reduce the state's emissions, prepare for the impacts of climate change and support the transition to a carbon-constrained 'green' economy."<sup>5</sup>*

The Queensland State Government manages assets and delivers services to the community. It is responsible for legislation that regulates development, mining, building, transport, and land use planning decisions. The State runs multi-million dollar programs to promote and support greenhouse gas emission reduction in industry, business and the community.

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<sup>5</sup> Climate Q: toward a greener Queensland. (Department of Environment and Resource Management), 2009

The State has committed to<sup>6</sup>:

- A 60% cut in GHG emissions by 2050 in Queensland and ClimateQ also aims to reduce Queensland's carbon footprint by one third by 2020;
- a key focus on integration of Commonwealth, State, and local government efforts to avoid duplication and ensure a comprehensive response;
- work with local governments and communities to develop local adaptation measures, build capacity and resilience and act to reduce our vulnerability to climate change; and
- continue to provide information on the projected impacts of climate change, raise awareness and improve understanding of climate change.
- Queensland's climate change response (ClimateSmart 2050 and ClimateQ) covers all sectors of the Queensland economy and includes:
  - significant investment in renewable and low emission technologies including carbon capture and storage demonstration projects;
  - promotion of energy efficiency in households, industry and government;
  - \$430 million Queensland Climate Change Fund which supports new climate change initiatives (e.g. ClimateSmart Home Service and the Big Light Switch Campaign);
  - \$50 million Smart Energy Savings Program to assist Queensland small-to-medium businesses improve energy efficiency in buildings and industrial processes;
  - Solar Bonus Scheme - a feed-in tariff for solar power to reward households with solar systems who put power into the electricity grid;
  - Regulating an increase to the percentage of Queensland's energy generation being produced by gas;
  - Regulating the requirement of large businesses to undertake energy efficiency audits, prepare energy efficiency plans and report on implementation;
  - Rollout of the \$2.5 million state-wide ClimateSmart Living phase one awareness program (the predecessor to the Low Carbon Diet campaign), which encouraged residents to take practical steps to reduce their carbon footprint; and
  - The Queensland government has introduced mandatory sustainability disclosure for property sales including residential properties.

### 1.4.3. Local Government Roles and Responsibilities

Local government has been the leading government sector nationally on the response to climate change, and Redland City has been at the forefront in its response. For ten years, the International Council for Local Environment Initiatives (ICLEI) has led Councils in voluntary cooperative action on climate change through their Cities for Climate Protection Program (CCP), for which the Federal Government has recently withdrawn funding.

The priority for Council is to continue its progress on climate change and move from its focus on early reduction of greenhouse gas emissions (mitigation) to an early focus on adaptation and

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<sup>6</sup> Climate Q: toward a greener Queensland. (Department of Environment and Resource Management), 2009

energy transition – both planning and action.

Local Governments are the main agents of climate change adaptation at the local level. Councils manage major local assets and deliver many services to the community. Councils implement much state legislation and regulation, as well as local laws and policies made under the Local Government Act. However, their efforts are largely funded by rates, which are small scale in comparison to state and national programs.

Redland City Council has committed to:

- reduce greenhouse gas emissions from council's corporate activities;
- reduce the community's greenhouse gas emissions through support, advise and awareness initiatives with the community; and
- plan for climate change through risk management and local adaptation.

Council has committed to reducing greenhouse gas emissions corporately and within the Redlands community. It adopted a Local Greenhouse Action Plan 2004-2010 to outline the voluntary actions Council would undertake to meet the voluntary emission reduction goals established under the Cities for Climate Protection (CCP) Program. These targets were established at a time (2002) when there were no Federal or State targets set, and few if any government programs or rebate schemes in existence.

Council has already adopted a Climate Change Risk Assessment and Adaptation Plan.

Federal and State government legislation currently does not trigger onerous reporting or mitigation requirements by Council, which therefore remains in a largely voluntary legislative context. It is still up to Council to determine its carbon footprint. However, regulatory requirements are emerging and Council recognizes that early action on mitigation reduces costs in the long run.

Council's carbon footprint is significantly different as measured under the National Greenhouse and Energy Reporting Act methodology to that used under the (now defunct) Cities for Climate Protection Program. The main difference is the inclusion of emissions from landfill within Council's footprint (as required by the NGER Act). The NGER Act is now the benchmark for carbon accounting in Australia.

Energex has operational control of street lights, and Council is not responsible for reporting emissions from them. Council should only report emissions from those streetlights over which it has operational control (very small percentage). Water and wastewater is no longer controlled by Council, and again reporting on these emissions is the responsibility of Allconnex and other water utilities. Vehicle fleet, buildings and facilities (such as halls, toilets, parks and infrastructure) are the only areas where Council has operational control and usable data trends.

Redland City population is increasing and Council can expect constant pressure to expand services, which in turn results in rising net greenhouse gas emissions. Despite this pressure, Council must achieve substantially lower net emissions than those in 1998. This also means much lower per capita emissions, for example emissions per vehicle, and emissions per staff person.

## 2. Our Climate Is Changing

### 2.1. Our climate has changed already

The CSIRO and Bureau of Meteorology in 'State of the Climate 2010' state that: 'Our observations clearly demonstrate that climate change is real'. They show that:

- All of Australia has experienced warming over the past 50 years;
- The number of days with record hot temperatures has increased each decade over the past 50 years, and there were fewer record cold days each decade;
- The period 2000 to 2009 was Australia's warmest decade on record;
- The trend over the past 50 years was for decreasing annual rainfall across much of southern and eastern Australia;
- The rate of sea level rise increased during the 20th century;
- During 1993 to 2009 sea level rise has been 1.5 to 3mm per year in the south and east of Australia and 7 to 10mm per year in the north and west; and
- Sea surface temperatures around Australia have increased by about 0.4°C in the past 50 years.

They indicated that:

- Redland City has experienced warming since 1960 of up to 0.2 °C per decade resulting in total warming over the five decades of 1 °C; and
- Redland City annual average rainfall decreased 50mm since 1960.

### 2.2. What will our future climate be like?

Scientists stress that whilst there is some uncertainty about precisely how much these variables will change – and particularly for changes beyond 2070 – the direction of change is clear.

*"Some things about Australian's future climate are fairly certain: it will be hotter, sea levels will rise, extremes such as heat waves, droughts, and storm surge will become more frequent and intense. Other things are less certain: the rate and magnitude of change depends on how sensitive the climate system is to greenhouse gases. Department of Climate Change 'Adapting to Climate Change in Australia a position paper, 2010'.*

*"Australia will be hotter in coming decades. Australian average temperatures are projected to rise by 0.6 to 1.5 °C by 2030. If global greenhouse gas emissions continue at current levels, warming is projected to be in the range of 2.2 to 5.0 °C by 2070. Warming is projected to be lower near the coast and in Tasmania and higher in central and north-western Australia. These changes will be felt through an increase in the number of hot days.*

*Much of Australia will be drier in coming decades. In Australia compared to the period 1981-2000, decreases in rainfall are likely in the decades to come in southern areas of Australia during winter, in southern and eastern areas during spring, and in south-west Western Australia during autumn. An increase in the number of dry days is expected across the country, but it is likely that there will be an*

*increase in intense rainfall events in many areas". 'State of the Climate 2010', CSIRO and Bureau of Meteorology.*

The future climate of Redland is expected to be:

- hotter than the present day, with
- higher average temperatures,
- more hot days and
- more frequent and severe droughts.

At the same time, there are likely to be **more intense rainfall events** and associated flooding.

It is possible that **storms and winds** also will increase in intensity.

These changes, combined with **rising sea level**, are likely to result in more frequent and **extreme storm tides** and a greater potential for **coastal flooding**.

Climate change projections for Redland City in 2030 and 2070 are given in Table 1. These projections will be reviewed regularly to include research findings and alignment with Australian government advice.

Table 1: Climate change scenarios for Redland City

Climate Variable	Current		Indicative Change (relative to 1990)	
	Redland mainland	North Stradbroke Island	2030	2070
	<b>Average annual maximum temperature</b>	25	25	↑ 1.5°C
<b>Days per year above 35°C</b>	1	1		↑ 6
<b>Annual potential evapo-transpiration</b>			↑ 3%	↑ 8%
<b>Average Annual rainfall</b>	1276mm	1425mm	↓ 2%	↓ 5%
<b>Spring</b>	223mm	318mm	↓ 3%	↓ 8%
<b>Summer</b>	459mm	361mm	no change	no change
<b>Autumn</b>	381mm	416mm	↓ 2%	↓ 5%
<b>Winter</b>	213mm	329mm	↓ 3%	↓ 8%
<b>24 hr rainfall intensity (max)</b>	266mm	104mm	↑ 10%	↑ 30%
<b>Number of rainy days</b>	117	155	↓	↓
<b>Annual stream flows</b>			↓ 5-10%	↓ 10-30%
<b>Droughts</b>			↑ frequency and severity	
<b>Sea level rise (max)</b>			0.17m	0.5m
<b>Storm tide – max. height, 1:100 year ARI (Wellington Point)</b>	1.47m		~1.67m	~2.09m
<b>Storm tide – change to 1:100 year ARI (worst case)</b>	1:100		↓ to <1:20	↓ to <1:10
<b>Average and extreme wind speeds</b>			↑	↑
<b>Solar radiation</b>			unclear	unclear
<b>Humidity</b>			unclear	unclear
<b>Number of high and extreme forest fire danger days.</b>	4	4	↑ to 5	↑ to 8

## Box 1: Follow the science

Climate change science is rapidly evolving, and much relevant research has been published since the last Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report released in 2007. There is a huge range of resources on climate change science and related impacts. Below are some key Australian organizations, resources and websites. The National Climate Change Adaptation Research Facility (NCCARF) is the leading national interdisciplinary research community seeking to generate information needed by decision-makers in government and in vulnerable sectors and communities. NCCARF is a partnership between the Department of Climate Change (DCC), Griffith University, and eight other university partners. For further information, visit: [www.nccarf.edu.au](http://www.nccarf.edu.au).

Recent CSIRO and the Bureau of Meteorology summaries of the science on climate change, with special reference to impacts in Australia, were published by the Australian Government Department of Climate Change and Energy Efficiency (DCCEE) and are available at [www.climatechangeinaustralia.gov.au/index.php](http://www.climatechangeinaustralia.gov.au/index.php):

*Climate change in Australia: technical report* (2007);

*Catchment climate change scenarios* (2009);

*State of the Climate snapshot* (March 2010).

The DCEE has following resources and at <http://www.climatechange.gov.au/science>

Q & A – Climate change science fact and fiction;

Data on Australia's emissions and Australia's National Greenhouse Accounts;

*Climate Change 2009; Faster Change and More Serious Risks*, by Will Steffen;

*Australia's biodiversity and Climate Change: summary for policy makers* by the Climate Change Expert Advisory Group.

The Climate Institute reports include - see [www.climateinstitute.org.au](http://www.climateinstitute.org.au):

Bushfire Weather in Southeast Australia;

Recent trends and projected climate change impacts (2007).

*Garnaut Climate Change Review Final report*, - addressing likely impacts of climate change on Australia's economy, environment and resources, and the costs and benefits of a range of possible policy interventions – is available at [www.garnautreview.org.au](http://www.garnautreview.org.au).

Queensland Office of Climate Change see: [www.climatechange.qld.gov.au](http://www.climatechange.qld.gov.au) .



## 3. Risks and impacts

### 3.1. Climate change adaptation risks

#### 3.1.1. Loss of life and health impacts

Climate change may impact on human health in many ways, which vary in their complexity, scale, timing and directness. Although the frequency, intensity and location are uncertain, the more direct impacts on health include:

- those caused by changes in exposure to weather extremes (heatwaves, winter cold);
- those due to increases in other extreme weather events (floods, cyclones, storm-surges, droughts); and
- those due to a rise in production of some air pollutants and aeroallergens (spores and moulds).

In the future we will manage risk to life much as we do now, but it is likely that:

- the severity and frequency of life threatening events will be greater; and
- there are more summer deaths due to the increased frequency of heatwaves (decreased winter mortality due to milder winters is likely to be less significant in sub-tropical areas such as Redland City).

Community health and safety of infants and children and the large elderly community in Redland are at risk from less direct mechanisms that may impact human health, such as:

- changes in the transmission of many infectious diseases – especially water-borne, food-borne and vector-borne diseases;
- altered incidence of mosquito-borne infectious diseases (e.g. dengue fever, Ross River virus disease) in areas with active mosquito populations, and;
- the potential for increase in the number of extreme temperature days.

#### 3.1.2. Damage to property

There are climate change risks to infrastructure, property, buildings and structures. Although the frequency, intensity and location are uncertain, the more direct impacts on property include:

- those caused by changes in sea levels;
- those caused by increased frequency and extent of flooding due to storm tides; and
- those due to increases in other extreme weather events (floods, cyclones, storm-surges, droughts, bushfires, hail and high winds).

Canal estates and coastal buildings, are at higher risk from increased storms, storm tides and winds, and increased frequency and extent of flooding. Coastal roads, roads with poor drainage and low lying roads are also at risk from this increased flooding. Extreme rainfall events may lead to increased flash flooding and overwhelm stormwater drains. Areas of high and medium

bushfire risk potentially may be impacted by increased frequency and severity of bushfires.

### 3.1.3. Social disruption

Climate change impacts, as they are currently understood, have strong social and economic dimensions. Over time climate change may affect every part of the community, including:

- our financial well-being, land values, and prosperity;
- social connectivity;
- legal and insurance systems;
- livability, health and lifestyle; and
- decision making and leadership.

The social disruption currently experienced throughout Queensland to floods and cyclones is expected to increase as the severity and frequency of extreme weather events increases.

Businesses dependent on secure water supplies, including agricultural, horticultural and poultry industries potentially may be impacted by reduced water availability and increasing restrictions due to increased frequency and severity of drought.

Ferry and barge services as well as ferry terminal infrastructure to the islands potentially may be impacted to a greater extent than at present by increase in frequency and severity of storms.

### 3.1.4. Damage to the environment

The natural areas and wildlife of Redland City have already adapted to naturally changing climate for thousands of years. The difference now is the rate and magnitude of predicted changes, and the extent to which humans can and will intervene. In the short term (next few decades) however, there may be dramatic impacts, a loss of some species, areas, and ecosystems in Redland.

Although little is known, the more direct impacts likely on ecosystems, habitats and species in the Redland City (e.g. Moreton Bay, beaches, reserves, parks and waterways) include:

- those caused by changes in rainfall and temperature;
- those caused by increased sea levels, sea water acidity and sea water temperatures, and
- those caused by increased frequency and extent of extreme weather events (floods, cyclones, storm-surges, droughts, bushfires, hail and high winds).

Less direct impacts include:

- increased frequency and severity of erosion;
- habitat change and altered species distribution that gives rise to increased predation competition, or pest and weed invasions, and
- increased stresses on already vulnerable bushland and vegetation (and dependent wildlife).

There may be impacts for people from these direct and indirect mechanisms, such as:

- increased algal bloom problems, adversely affecting Moreton Bay and beaches;

- increased toxic or dangerous species (box jellyfish, crocodiles, and insects);
- changes that make important areas inaccessible;
- loss of recreation areas, and
- changes to the character of the environment that alter our sense of place.

### Box 2: Reading into the risks

Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report released in 2007 and the IPCC has started work on the preparation of the Fifth Assessment Report: see <http://www.climatechange.gov.au>

*Climate Change Background Study 2009 and Peak Oil Background Study*. Sunshine Coast Regional Council see <http://www.sunshinecoast.qld.gov.au>

*Climate Change and Energy Taskforce Final Report: A Call for Action (2007)*. Maunsell / AECOM for Brisbane City Council see [www.brisbane.qld.gov.au](http://www.brisbane.qld.gov.au)

*Climate change health impacts in Australia: effects of dramatic CO2 emission reductions*. Woodruff R, Hales S, Butler C, McMichael A. Sydney: Australian Conservation Foundation and Australian Medical Association, 2005. <http://www.acfonline.org.au>

*Climate Change Risks to Australia's Coasts: a first pass national assessment* see <http://www.climatechange.gov.au>

*Climate Change Impacts on Clarence Coastal Areas 2008*. Clarence City Council see [www.ccc.tas.gov.au](http://www.ccc.tas.gov.au)

*Managing our coastal zone in a changing climate: the time to act is now (2009)* House of Representatives Standing Committee on Climate Change, Water, Environment and the Arts: see [www.aph.gov.au](http://www.aph.gov.au).

*Climate Change Impacts & Risk Management - A Guide for Business and Government* <http://www.climatechange.gov.au>

## 3.2. Mitigation risks

The Redland community faces risks if it does not reduce its greenhouse gas emissions in line with national and state expectations. We all share in the direct risk that globally concentrations of CO<sub>2</sub> in the atmosphere exceed safe levels. However, there are also indirect risks should the Redland community (collectively, or any local business or organizations) not meet mitigation targets. These risks are that:

- we are poorly viewed by other communities as being one of the highest emitting and least responsible communities on the planet;
- the missed opportunity to reduce emissions now is likely to cost more in the future;
- energy costs are increasing and we will pay higher costs every year;
- legislative changes in coming years may bring mandatory emission levels that cannot meet without substantial investment; and

- our actions now ‘lock in’ further future emissions that cannot be avoided.

### 3.3. Energy transition risks

The Redland community faces risks if it does not transition away from the use of fossil fuels, and plan for expensive fuel, volatile prices and fuel scarcity. These risks are not currently well understood, and they differ depending on factors such as the location, social profile, transport infrastructure, and employment present. In general terms, we face direct risks from:

- our dependence on road and rail connections to the Brisbane metropolis
- our dependence on sea transport between islands and with the mainland;
- greater future competition among satellite communities in Brisbane for affordable and adequate transport services;
- rising costs for consumers associated with businesses and services that rely heavily on oil based products ;
- current building codes, development practices and transport patterns developed in times of easier oil supply;
- more limited and irregular supply of food, in terms of food transport or production; and
- ever higher costs of energy transition if we delay action rather than acting early.

An oil vulnerability and energy transition study of Redland City will be undertaken to identify in more detail the risks and opportunities to Council, businesses and community.

#### Box 3: Follow the energy transition science

Awareness for the need for an energy transition is rapidly evolving. Relevant research and planning has been published since the Oil Depletion Protocol was released in 2003 – see [www.oildepletionprotocol.org](http://www.oildepletionprotocol.org).

*Peaking of world oil production: impacts, mitigation, & risk management.* Robert L. Hirsch, Roger Bezdek, Robert Wendling, February 2005. US Department of Energy (The Hirsch Report) - see [www.netl.doe.gov](http://www.netl.doe.gov)

Some reviews and summaries of the need for energy transition with special reference to Australia and SEQ have been published:

Brisbane City Council (2005), [Future Energy and Peak Oil](#): Discussion Paper, 2-Sept-2005

*Sunshine Coast Regional Council Peak Oil Background Study*, October 2009 - see [www.sunshinecoast.qld.gov.au](http://www.sunshinecoast.qld.gov.au)

Commonwealth of Australia The Senate Standing Committee on Rural and Regional Affairs and Transport: *Australia's future oil supply and alternative transport fuels*. Final report. February 2007 - see [www.aph.gov.au](http://www.aph.gov.au)

## 4. Risks and Impacts for Council

Many of the climate change risks identified require much further investigation and for some the science is simply not yet available to support rigorous analysis. Some climate change risks require priority action now, while others are unlikely to be significant until later in this century. The focus of this strategy is on identifying the risks that need early action now and to make these the main subject of the first five year action plan. However, risks that become serious beyond 2030 or 2070 might be affected substantially by Council's actions and decisions in the next few years – for example in regard to development, provision of coastal infrastructure, and asset management.

Council must be satisfied that it has taken all necessary action to manage the risks and impacts of climate change and energy shortage on the city. There is clearly potential for our exposure to be costly and difficult to manage in the future, impacting on residents, the city's reputation and its sustainability.

Council's corporate risk management framework will be used to identify risks to Council and ensure that actions taken to lower risk ratings. Risks are given a priority and rated based on the likelihood of that risk occurring, the consequences to Council should it occur, and the time horizon over which it occurs.

### 4.1. Adaptation risks for Council

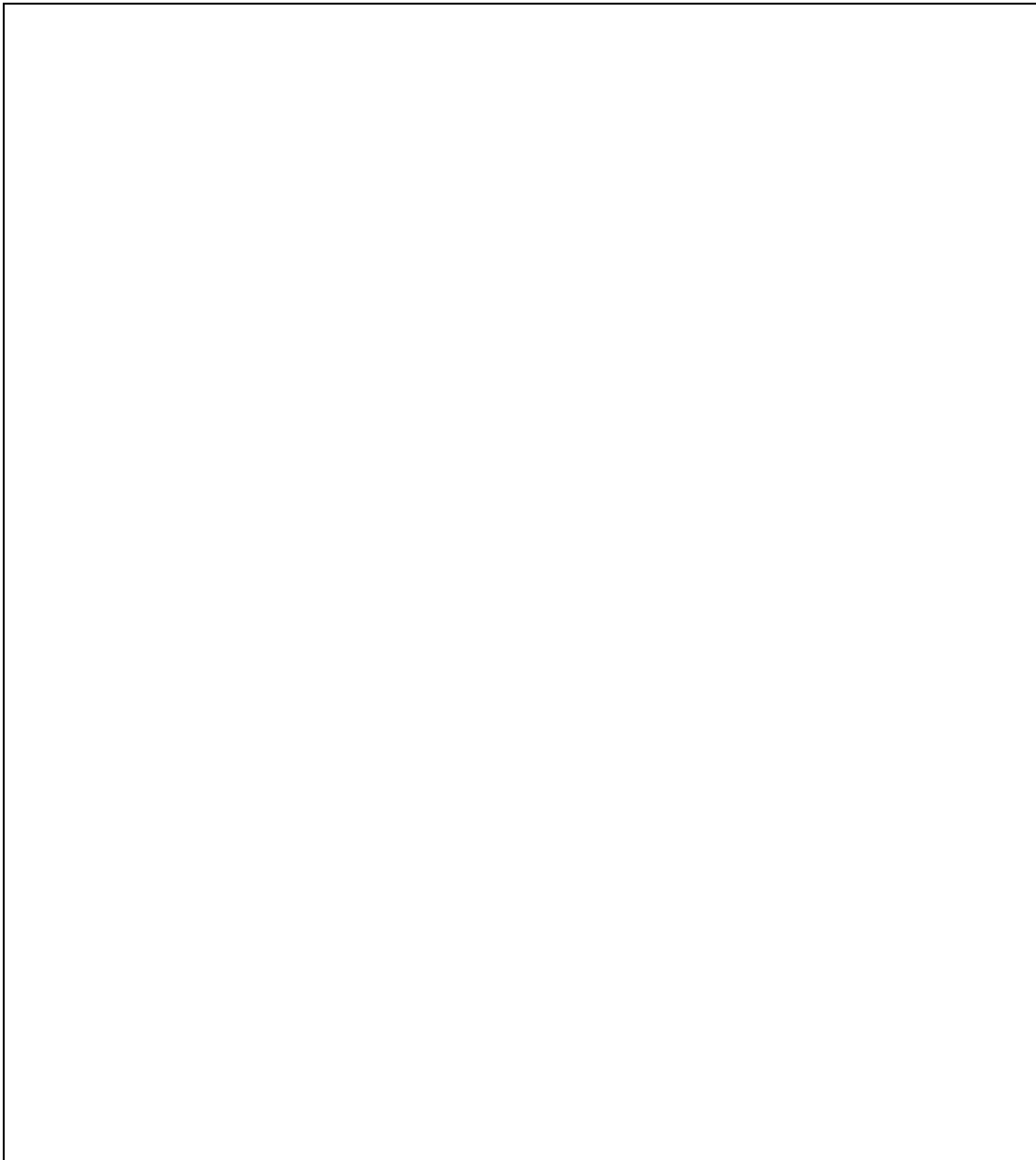
Climate change adaptation risks have been identified and are now included on Council's risk register. A summarized version of the risk register, climate change risks is at Appendix 1.

This process began in 2008 following the *Redlands Climate Change Risk Assessment* report produced by Marsden Jacob Associates (MJA) and Broadleaf Capital International for Redland City Council. The report was partly funded by the Australian Government's Department of Climate Change under the Local Adaptation Pathways Program. The risk assessment used the approach described in the Australian Greenhouse Office (AGO) publication, *Climate Change Impacts and Risk Management: A Guide for Business and Government*, which is based on the Australian standard for Risk Management AS/NZS4360 (2004). Broadleaf and MJA authored the AGO Guide. This risk assessment model is also consistent with Council's corporate risk framework (adapted from Risk Management Guidelines Companion to AS/NZS 4360:2004).

The report identified 48 climate change risks to Council assets and services, and analyzed and rated each risk. It was an important step, and all 48 risks have been incorporated into Council's risk register and risk management system. Since this time, 21 'priority risks' have been identified.

The report did not examine the risks relating to mitigation or energy transition, nor did it look more widely at the risks to the Redlands community and how Council may be involved in managing these. However, these are addressed under this strategy and the Action Plan.

Many Council risks are of course also community risks, and our planning therefore already has something of a whole community perspective. For example, the risk of coastal roads being inundated by storm tides, or the risk of storm damage to community halls and other buildings owned by Council, are both Council risks and community risks.



Graphic of 21 'priority adaptation risks' – to be inserted.

## 4.2. Mitigation risks for Council

Ultimately, mitigation seeks to achieve a 'safe' atmospheric concentration of greenhouse gases and is best achieved with the use of targets. Council has been a member of the Cities for Climate Protection Program (CCP) since 1999 and established mitigation targets under the Local Greenhouse Action Plan 2004 – 2010 to:

- reduce corporate emissions by 25% of 1998 emissions levels by 2010;
- reduce community emissions by 15% of 1996 emissions levels by 2010.

In 2007, the CCP Milestone 5 Report showed Council's net emissions had actually increased - despite substantial per-capita reductions achieved - by 22% across corporate buildings, fleet,

street lighting and waste areas since 1998. Community emissions were similarly increasing from the 1996 base year.

In 2009, the *Redland City Council GHG Emissions: Detailed Audit of Council Greenhouse Gas Emissions* February (ARUP Report) confirmed that neither Council nor the community would meet the respective LGAP targets by 2010. Indications are that the Council's emissions for buildings, facilities, and vehicle fleet (for which we have comparable data) have actually increased over the 10 years since 1998 - from approximately 6,789 to 7,527 tCO<sub>2</sub>e. When landfill (and water and wastewater) was excluded from carbon accounting, Council had a 30% increase in corporate emissions between 1998 and 2007/08<sup>7</sup>, again despite significant per-capita reductions in emissions. On a per staff (per capita) basis, building and facility emissions had decreased by 14% and fleet emissions decreased by 15% overall and by 45% per passenger vehicle. This is disappointing, but we have learned many valuable lessons in the process. We now approach mitigation more confidently and build on this experience. So, our position in 2008 was some 25% higher than the 1998 levels.

In 2010, indications are that a rapid decline in emissions has been achieved through substantially increased investment between 2008 and 2010. Current data suggests that emissions are now approximately 15% higher than 1998 levels. However, the continuing increases in net emissions stem from the fast growing Redland City population, and the additional buildings, staff and services provided by Council.

Based on ABS Census figures, the community emissions profile indicates a significant increase in emissions between 1996 and 2006. Our increasing population drives substantial net increase in the community emissions of the Redlands.

Council knows from experience that reducing corporate emissions is not simple or easy and that the risks are real and significant. The risks should Council not meet the targets in this strategy are much the same as those for the community (see 3.2 above), and there also similar risks to Council should the community not meet its targets for mitigation established by the State government:

- The missed opportunity to reduce emissions now is likely to mean higher cost to Council and the community in the future;
- energy costs are increasing and Council will pay higher costs every year;
- Council's ability to demonstrate leadership in the community on mitigation may be called into question generally, and in particular by failure to reduce corporate emissions;
- the requirements of the SEQ Climate Change Management Plan may not be met; and
- legislative changes are likely to bring mandatory emission levels that Council cannot meet without substantial investment.

### 4.3. Energy transition risks for Council

In general terms, the risks to Council are currently identified as:

- volatile oil prices and fuel availability impacts on the vehicle fleet
- volatile oil prices and fuel availability impacts on barge and ferry transport links to the islands to maintain services;

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<sup>7</sup> See Redland City Council Greenhouse Gas Emissions: detailed audit (February 2009). Arup Pty Ltd, Brisbane - weblink

- road building and maintenance operations are exposed to rising costs for asphalt (made with LPG and bitumen which are both derived from oil);
- costs of heating, cooling, oil, gas and electricity use in Councils buildings;
- purchasing of goods and services will also be impacted by higher prices; and
- Council staff commuting to work will be affected higher costs, and the adaption of surrounding transport networks.

## 5. Confronting Climate Change

Redland City Council is confronting these climate change and energy challenges. Council will lead our community and work in partnership with other levels of government. Together we will increase our awareness, preparedness, and response making Redland more resilient to these impacts.

*Confronting Our Climate Future* provides a comprehensive approach to climate change and energy transition for Council, covering all its assets, operations and services to the community. The strategy approach uses current understanding as a basis for immediate action, and allows Council to progressively build on our understanding of how these changes impact on Council to extend awareness, advice, and support to the Redlands community. While Council can support, inform and encourage local residents, business and organizations to plan for their adaptation to climate change and energy transition, it can't force them to plan, nor can it do their planning for them. The same is true of reducing greenhouse gas emissions in the community.

*Confronting Our Climate Future* implements the Redlands 2030 Community Plan *vision and goal*:

*"our green living choices will improve our quality of life and our children's lives, through our sustainable and energy efficient use of resources, transport and infrastructure, and well informed responses to risks such as climate change"*

*Redland 2030 Community Plan goals:*

*"A culture of sustainability: Redlands' citizens, communities, business and government are world leaders in understanding and committing to positive action to protect the future of the planet."*

*"A community prepared for climate change: our community understands and manages the impacts of climate change such as risks to coastal infrastructure, community health and extreme weather events; and decisions made daily in homes, businesses, schools, industry and government reduce the risk of adverse consequences on people and the environment"*

*"Energy conservation, energy efficiency, renewable energy use and alternative energy generation activities are the norm in private, public, commercial and industrial settings"*

*Confronting Our Climate Future* also implements the Corporate Environment Policy POL-2644, which commits Council to:

*"Ensure that the consequences of climate change for Redland City are understood and planning minimizes the potential adverse impacts on natural ecosystems and the community";*

*Reduce the greenhouse gases emitted by Council and the community to levels and within a time acceptable to the wider community.*

*Confronting Our Climate Future* also implements the Corporate Plan 2010 – 2015 outcome and strategies related to 'green living'.



*Confronting Our Climate Future* brings together for the first time in a strategy Council's high level planning for mitigation and adaptation to climate change, and so it replaces the Redland Local Greenhouse Action Plan 2004 - 2010.

Council's strategic objectives under the strategy are likely to change little over the time to 2030, however our actions will. Under this strategy, we will develop 5 year rolling action plans that will follow the 5 year planning cycle of the Council's Corporate Plan.

## 5.1. Approach to Mitigation

### 5.1.1. Community mitigation targets

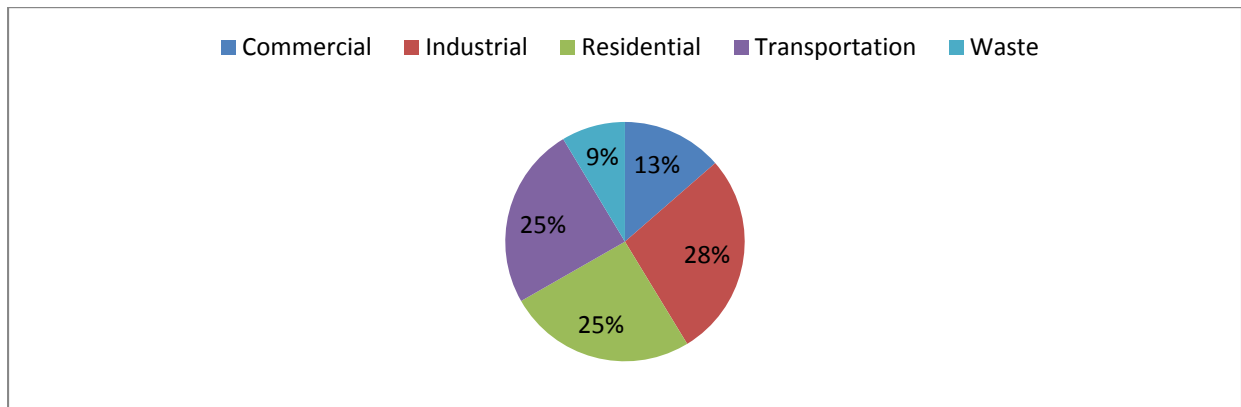
The Queensland State Government's target is for 60% reduction over 2000 levels by 2050, which is also the national target. Council recognizes this target for community GHG reduction, and that the Queensland and Federal Government's are responsible for achieving this target. Through *Confronting Our Climate Future* Council commits to taking a partnership approach with all levels of government and will lead and support the Redland community in reducing its emissions in order to meet these State and Federal Government targets.

Our increasing population and planned development are a considerable challenge for reducing greenhouse gas emissions in Redlands. Indications are that the Redland community's net emissions have actually doubled since 2000 (from approximately 1.2 million to 2.2 million tCO<sub>2</sub>e). So, our starting position now (already) one million tonnes higher than the 2000 levels. This means that we need to cut our current community emissions in half by 2030 (to 1.1 million tCO<sub>2</sub>e) if we are to have any hope of reaching the 60% reduction (to 0.6 million tCO<sub>2</sub>e) by 2050!

**This can be achieved if starting now every business and household in Redland reduces emissions by 5% per year, every year, for the next twenty years.**

That equates to every one of the anticipated 70,000 households in Redlands (which the State government calculates now emit approximately 14 tCO<sub>2</sub>e) **emitting no more than 7 tonnes CO<sub>2</sub>e by 2030!**

## Community’s current greenhouse emissions profile



<i>Redland Community GHG Emissions</i>	<i>%</i>	<i>Tonnes</i>
Commercial	13.61%	231 373
Industrial	27.68%	470 772
Residential	25.44%	432 670
Transportation	24.64%	419 105
Waste	8.63%	146 694

Source: CCP Re-Inventory Report (based on 2006/7 data)

### 5.1.2. Council mitigation targets

***Confronting Our Climate Future* includes new corporate emissions target of 75% reduction of 1998 levels by 2050. This is to be achieved through a 25% reduction over 1998 emissions by 2020, a further 25% reduction on 1998 levels by 2030, and a further 25% reduction on 1998 levels by 2050.**

Our campaign to achieve this will be developed under the banner of “75 by 50”.

Council must actually reduce its emissions by 15% to reach 1998 levels and by a further 25% by 2030 under these new targets – or 40% by 2030. In addition, Council operations and services are growing in response to population increase in Redland of approximately 2% per year, further adding to the reductions required.

**In total, Council’s target can be achieved by 2030 if, starting now, emissions are reduced by a minimum of 5% per year, every year, for the next twenty years.**

The first 5 year Action Plan (2010 to 2015) continues this focus on early and low cost mitigation across Council, aiming to achieve most of these reductions in the early years. It includes programs which assist the community to do the same.

#### Box 4: Follow the law and policy

Climate change legislation and policy is rapidly evolving. It's hard to keep up with the changes, but if you are interested, try the following recent summaries:

Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report released in 2007

*Managing our coastal zone in a changing climate: the time to act is now. 2009. House of Representative Standing Committee on Climate Change, Water, Environment and the Arts. Commonwealth of Australia*

Sunshine Coast Regional Council Climate Change Background Study October, 2009 - see <http://www.sunshinecoast.qld.gov.au>

'Queensland Renewable Energy Plan'

'ClimateQ: toward a greener Queensland' presents the revised strategy for Queensland's response to climate change

'SEQ Climate Change Management Plan' public consultation draft;

'SEQ Regional Plan 2009 – 2031' which contains climate change principles, policies and programs on climate change relevant to local government.

The Queensland Department of Transport is currently completing an Oil Vulnerability Mitigation Strategy and Action Plan, continuing on the work of the Queensland Oil Vulnerability Taskforce.

"Adapting to Climate Change: A Queensland Local Government Guide" 2007. Local Government Association of Queensland Brisbane

Garnaut, R 2008, The Garnaut Climate Change Review: Final report, Cambridge University Press, Melbourne.

Australia's Fifth National Communication on Climate Change. Released by Department of Climate Change (March 2010) <http://www.climatechange.gov.au/~media/publications/greenhouse-gas/Australia-fifth-national-communication.ashx>

DCC (Department of Climate Change) 2008, National Greenhouse and Energy Reporting Guidelines, Canberra.

Commonwealth Renewable Energy Target:

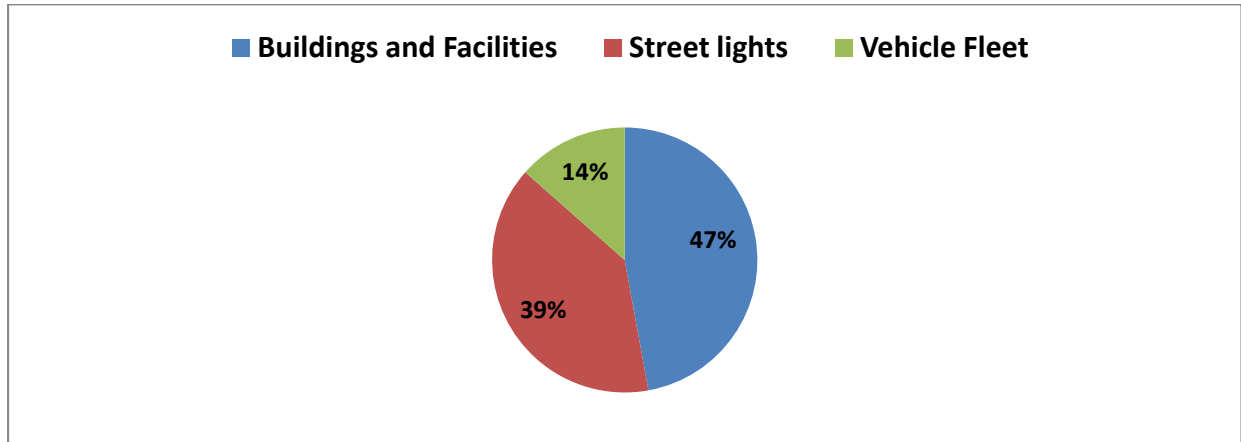
[www.climatechange.gov.au/government/initiatives/renewable-target.aspx](http://www.climatechange.gov.au/government/initiatives/renewable-target.aspx)

Our approach to corporate mitigation (Councils own emissions) focuses on:

- setting corporate emissions targets;
- routine, regular carbon audit and development of monitoring, evaluation, reporting and improvement systems to track performance on greenhouse gas emissions reduction;
- reducing greenhouse gas emissions through: in priority order, conservation and efficiency; using less carbon intensive and renewable energy sources; purchase or develop cost effective offsets (registered and accredited) that lead to real GHG reductions.

- measurement and management of waste through the Waste Management Strategy;
- leadership and support to the community to reduce emissions; and
- working cooperatively with all levels of government, local business and the community.

### Council’s current greenhouse emissions profile



<i>Redland City Council's GHG Emissions</i>	<i>%</i>	<i>Tonnes CO2e</i>
Buildings and Facilities	47%	5851
Street lights	39%	4887
Vehicle Fleet	14%	1676

Source: ARUP and CCP Milestone 5 Reports (based on 2007/08 NGER Act Scope 1 Reporting)

### 5.2. Council’s Approach to Adaptation

Adaptation must be planned but such planning isn’t new to Redland, which already has a significant capacity for adaptation. The Redland City Disaster Management Plan 2010 is a good example. It aims to minimize the effects of, coordinate the response to, and the recovery from, a disaster or major emergency affecting the region within Redland City Council. It provides information on the disaster management arrangements, identified risks and details on planning, response and recovery activities of the Redland City Council and other supporting agencies. The Plan embodies our community’s resilience to and ability to manage the existing threat of cyclones and severe coastal storms, floods, fluctuating sea levels, storm tides, bush fires, acid sulphate soils, toxic algal blooms, and extreme summer weather. It will continue to be the focus of disaster management under a changed climate.

Wherever possible, we need to understand how the Redlands is vulnerable to the additional impacts of climate change, and then plan ahead and act in ways that avoid or lessen these impacts. There are a broad range of options (policies, programs and measures) that could potentially be utilized by Council to adapt to the impacts of climate change. Some of these options will have the effect of averting or mitigating an impact that gives rise to a particular risk or group of risks. Others will have the effect of increasing the capacity of the Council or community to respond to a risk should it eventuate (i.e. increase adaptive capacity). Structural works, design changes and statutory planning measures generally fall into the former category of options, while research, education and insurance fall into the latter category.

Climate change may also present opportunities to Council and the community, which should be

pursued.

The Redland community is comparatively prosperous, well educated, planned and organised. Redland is less exposed to extreme heat, cold and drought than many parts of Australia, and south-east Queensland. In addition, many of Redland's foreshores are relatively high and steep, the estuaries and creek systems small and limited. Most development has occurred relatively recently and been better designed and sited to take account of current coastal hazards. This current capacity provides the Redland community experience and a foundation to focus on greater hazards and impacts predicted from climate change. Current capacity and forward planning will continue to be important tools. However, some events may be outside our past experience, and some adaptations will require new ways of thinking and doing things.

*Confronting Our Climate Future* provides clear direction for adaptation that strengthens the Redland's resilience. It describes how adaptation is now an integral part of Council's business, and receives a coordinated approach, integrating responsibility within all areas of Council's decision making and governance.

The first *Climate and Energy Action Plan 2010-2015* plan focuses on:

- research and understanding about climate change scenarios and where in the Redlands these impacts will be first felt and how significant they will be;
- understanding what can realistically be done to avoid, manage or adapt to these conditions;
- on the basis of this information, develop more detailed plans;
- continuing the risk management approach already adopted by Council through the conduct of routine, regular risk assessment, and maintaining and managing climate change risks through the corporate risk register;
- providing leadership and support to the Redland community in understanding and planning for adaptation; and
- working cooperatively with all levels of government, local business and the community.

Subsequent 5 year plans will increasingly switch to putting adaptation plans into place.

Three principles further characterize the approach:

- focus on the priority climate change risks;
- recognition that adaptive management approaches build on existing measures and management systems (a new requirement to imbed into our existing management structures and systems not a new requirement on its own); and
- use of criteria to assess existing controls in place for climate change risks and recommending new adaptation measures only where these are needed.

The strategy's effectiveness will be monitored, evaluated and reviewed to ensure it is meeting the Council and the community's expectations, is up to date with developments in climate change science and technology, and delivers on Council's statutory responsibilities.

### **5.3. Council's Approach to Energy Transition**

The study to identify energy transition risks will also identify and recommend specific actions. Council will approach energy transition and greenhouse gas mitigation together. Many actions that we can make are solutions to both climate change and energy transition, as they both

require transition to a low carbon economy. Many of the previous mitigation options in the LGAP have already placed Council and the Redland community on a pathway to Energy Transition.

While Council will demonstrate leadership in preparing for oil vulnerability and energy transition, the Federal and State Governments are currently developing their oil vulnerability and energy transition plans and policies. As these policies evolve, Council's approach will inevitably be influenced by other levels of Government. There is a danger that unplanned or inappropriate energy transition actions may also have adverse impacts: such as using other polluting fuels, or fuels that are not economically feasible in the long term, or using biofuels that compete with food crops.

### 5.3.1. Community energy transition

The approach of *Confronting Our Climate Future* focuses on:

- promoting greater understanding and awareness of the need for transitioning away from fossil fuels;
- support and development of partnerships with various sections of the community to achieve Energy Transition;
- efforts by local businesses, organizations and residents to reduce greenhouse gas emissions;
- efforts by local businesses, organizations and residents to use or generate renewable energy;
- facilitating locally relevant research, and advocating to other levels of government on matters of regional importance.

The community plan, *Redlands 2030*, commits our community to a more sustainable way of life. There are complex social issues to navigate on this journey. Energy Transition may not be as easy for low income households, those with mobility issues and those in areas away from public transport and cycling facilities.

### 5.3.2. Council energy transition

As much of the risk in energy transition for Council is transport related, early action and long term (20 years) planning is needed. Council will be undertaking easy, 'low hanging fruit' options in reducing the reliance on petrol, diesel and LPG powered vehicles, while considering the long term ramifications.

Council's *Renewable Energy Incentives Policy Statement (POL-3067)* commits to support, promote and provide incentives for renewable energy. However, Council recognizes that only certain types of large scale renewable energy infrastructure may be suited to or technically feasible in the Redlands. In addition, Council has established that it is currently not cost effective for it to own and maintain significant renewable energy infrastructure. In principle, Council views acquisition of solar power as a minor strategy that is far from cost effective but can provide energy for internal operations (some walkway lighting) and may be used to feed energy into the grid. It is likely that renewable energy generation may be more appropriate in locations outside of the Redland City. Therefore, Council commits to supporting, promoting, or providing incentives to development of appropriate large scale renewable energy structure both within and outside the Shire's boundaries.

## 6. Corporate Climate Change Policy (POL 3090)

### 6.1. Head of Power

The Corporate Climate Change Policy supports the Council's Corporate Plan 2010 outcome:

"Our green living choices will improve our quality of life and our children's lives, through our sustainable and energy efficient use of resources, transport and infrastructure, and our well informed responses to risks such as climate change".

This policy is strongly aligned with Councils Corporate Environment Policy POL 2644.

### 6.2. Policy Objective

To reduce the greenhouse gases emitted by Council and the community to levels and within a time acceptable to the wider community, and ensure that the consequences of climate change and energy transition for Redland City are understood and planning minimizes the potential adverse impacts on natural ecosystems and the community."

### 6.3. Policy Statements

That Council's position is to ensure that:

1. The life, health and safety of the staff and the community are protected from the impacts of a changing climate and energy transition;
2. Council property and assets and the infrastructure it provides to the community are protected from the impacts of a changing climate and energy transition;
3. The essential services that Council provides to the community meet delivery expectations in a changing climate and energy transition.
4. The Council's and community's greenhouse gas emissions are reduced to achieve at least national targets by 2050;
5. The Council's management provides the best possible buffering of the Redland natural environment and cultural heritage from the impacts of a changing climate.
6. Development in the Redland is planned, sited and designed to prevent or mitigate the adverse effects of a changing climate and energy transition;
7. The community is resilient, (well informed, resourced, empowered and able to make decisions and take action) to respond to the adverse effects and potential opportunities of a changing climate and energy transition.

## 7. Strategic Outcomes to 2030

In the next two decades, Council will need to ensure that certain outcomes are achieved by successive Action Plans in order to give effect to the Corporate Climate Change Policy. These strategic outcomes often require coordinated action by several stakeholders across government, industry, the professions and the community over a sustained period of time. It may be that the solutions put in place today will not be appreciated for another generation. The following Strategic outcomes guide the current and future Action Plans.

Policy Statement	Strategic Outcomes
The life, health and safety of the staff and the community are protected from the impacts of a changing climate and energy transition;	<ol style="list-style-type: none"> <li>1. Council manages the additional hazards to life, health and safety of the community and Council staff arising from climate change and energy transition, by identifying, understanding and including them in the coverage of:               <ol style="list-style-type: none"> <li>1.1. Council's community support programs;</li> <li>1.2. Council's emergency and disaster management planning;</li> <li>1.3. Workplace and community health and safety planning; and</li> <li>1.4. Open space infrastructure and management.</li> </ol> </li> </ol>
Council property and assets and the infrastructure it provides to the community are protected from the impacts of a changing climate and energy transition;	<ol style="list-style-type: none"> <li>2. The vulnerability of Council infrastructure, property and assets to the impacts of a changing climate and energy transition are minimized, through:               <ol style="list-style-type: none"> <li>2.1. understand climate changes and the actual and potential impacts (sea level rise, storm tides, and more extreme weather), and how these give rise to vulnerabilities;</li> <li>2.2. understand the impacts of energy transition on Council assets and planning for the response to these impacts;</li> <li>2.3. planning, locating and designing new assets to increase resilience to these impacts over their life;</li> <li>2.4. cost effective protection measures, retrofit, or relocation of existing assets; and</li> <li>2.5. maintain desired open space provision by acquiring land including that buffering existing coastal open spaces.</li> </ol> </li> </ol>
The essential services that Council provides to	3. The levels and standards of essential services to the community are maintained in a



Policy Statement	Strategic Outcomes
<p>the community meet delivery expectations in a changing climate and energy transition.</p>	<p>changing climate, through:</p> <ul style="list-style-type: none"> <li>3.1. understanding climate changes and their impacts on service provision;</li> <li>3.2. understanding the impacts energy transition may have on essential services and planning resilience of services to these impacts;</li> <li>3.3. planning and cost effective measures to increase the resilience of services to these impacts; and</li> <li>3.4. ensuring that Council continues to meet its legislative obligations.</li> </ul>
<p>The Council's and community's greenhouse gas emissions are reduced to achieve at least national targets by 2050;</p>	<ul style="list-style-type: none"> <li>4. Reduce Council's corporate greenhouse gas emissions reduced by 75% over 1998 levels by 2050 through:                             <ul style="list-style-type: none"> <li>4.1. conservation and efficiency;</li> <li>4.2. using less carbon intensive and renewable energy sources;</li> <li>4.3. purchase or develop cost effective offsets that lead to real GHG reductions;</li> <li>4.4. routine, regular carbon audit and tracking systems; and</li> <li>4.5. sustainable waste management.</li> </ul> </li> <li>5. The community reduces its greenhouse gas emissions through:                             <ul style="list-style-type: none"> <li>5.1. conservation and efficiency;</li> <li>5.2. using less carbon intensive and renewable energy sources;</li> <li>5.3. offsetting; and</li> <li>5.4. sustainable waste management.</li> </ul> </li> </ul>
<p>The Council's management provides the best possible buffering of the Redland's natural environment and cultural heritage from the impacts of a changing climate.</p>	<ul style="list-style-type: none"> <li>6. Council's management of the threats to natural areas and cultural heritage evolves to overcome the additional impacts of a changing climate, through:                             <ul style="list-style-type: none"> <li>6.1. understanding climate changes and the actual and potential impacts (sea level rise, storm tides, and more extreme weather), and how these make natural areas and cultural heritage more vulnerable;</li> <li>6.2. managing increasing threats (fire, pests, erosion, acid sulfate soils, etc) to maintain the resilience of species at risk, ecosystems, habitats and coastal processes; and</li> </ul> </li> </ul>

Policy Statement	Strategic Outcomes
	6.3. managing increasing threats to cultural heritage.
Development in Redland City is planned, sited and designed to prevent or mitigate the adverse effects of a changing climate and energy transition;	<p>7. Council's control of development and human activities in Redlands quickly evolves to ensure that it addresses the additional impacts of a changing climate and energy transition, through:</p> <p>7.1. understanding climate changes and energy transition, and the actual and potential impacts (sea level rise, storm tides, and more extreme weather), and how these make development more vulnerable;</p> <p>7.2. timely amendments to the Redland Planning Scheme and local laws; and</p> <p>7.3. advocacy at political, planning and intergovernmental forums.</p>
The community is resilient, (well informed, resourced, empowered and able to make decisions and take action) to respond to the adverse effects and potential opportunities of a changing climate and energy transition.	<p>8. The Redlands community evolves to ensure that it addresses the additional impacts of energy transition and a changing climate, through:</p> <p>8.1. understanding and acting on climate changes and the actual and potential impacts (sea level rise, storm tides, extreme weather), and how these make communities more vulnerable;</p> <p>8.2. understanding and acting on energy transition and the actual and potential impacts (oil vulnerability, access to energy or security of supply), and how these make communities more vulnerable;</p> <p>8.3. evolving community awareness, education and information programs;</p> <p>8.4. advocacy for the community at planning and intergovernmental forums; and</p> <p>8.5. reducing dependence on fossil fuels.</p>
Council develops robust, monitoring, evaluation, reporting and improvement systems to track performance of strategic outcomes and actions of this strategy.	

## 8. Climate and Energy Action Plan 2010 – 2015

All actions are to be delivered in the **short** term 2010 – 2015. Some actions make reference to ‘in the longer term’ which indicates completion outside of the first five year period. Many of these actions are already included and committed to under Council’s risk register. The Council Group is responsible for prioritizing and scoping actions for consideration in annual budget processes. A review in 12 months time will incorporate this information on priorities/staging and timing. Subsequent reviews will be at regular intervals.

**The life, health and safety of the staff and the community are protected from the impacts of a changing climate and energy transition;**

Strategic Outcomes	Actions	Responsible Group
<b>1. Council manages the additional hazards to life, health and safety of the community and Council staff arising from climate change and energy transition, by identifying, understanding and including them in the coverage of:</b>		
<b>a. Council's community support programs</b>	Continue health promotion campaigns in association with Queensland Health (in relation to anxiety about climate change particularly elderly and heat stress)	Community & Social Planning
	Determine the extent of increased need for home assisted and respite care as a result of temperature changes and increased storms intensity and frequency;	Community & Social Planning
<b>b. Council's emergency and disaster management planning</b>	Ensure that the Disaster Management Plan is reviewed and amended to meet the longer term demands for emergency services arising from climate change.	Disaster Management
	Investigate options to ensure shelter is available for island communities stranded on mainland and/or islands during severe weather events and amend Disaster Management Plan.	Disaster Management
	Increase the resources allocated to implementation of the Disaster Management Plan to enable faster and more effective emergency response. This includes training, conduct of drill(s) and exercises and to ensure plans, procedures and contacts are kept current for emergency management response.	Disaster Management
	Resource and maintain the Emergency Coordination Centre with the capacity to effectively respond to increasing demand for response.	Disaster Management
	Increase on-the-ground resources to control weeds, woody vegetation and fuel hazard reduction (with QFRS) on Council lands.	Operations & Maintenance
	Review and update Bushfire Management Plans and Bushfire Hazard Risk Mapping every 5 years.	Environmental Management Operations & Maintenance
<b>c. Workplace and community health and safety planning</b>	Conduct risk analysis of sites across the Redlands that are potentially vulnerable to different types of mosquitoes and update/develop a new mosquito management/environment health strategy.	Community & Social Planning Health & Environment
	Investigate the need to expand existing programs to deal with increase in severity and extent of freshwater mosquito populations.	Community & Social Planning
	Implement an educational 'response to threat' campaign via appropriate media	Community & Social Planning

Strategic Outcomes	Actions	Responsible Group
	channels; accompanied by punitive measures if possible.	
	Increase awareness in the community regarding harm to lifestyle and general wellbeing resulting from increased midge or mosquito density.	Community & Social Planning
<b>d. Open space infrastructure and management</b>	Expand current Shade in Parks program to streetscapes e.g., tree planting/parks and footpaths.	Environmental Management

**Council property and assets and the infrastructure it provides to the community are protected from the impacts of a changing climate and energy transition;**

Strategic Outcomes	Actions	Responsible Group
<p><b>2. The vulnerability of Council infrastructure, property and assets to the impacts of a changing climate and energy transition are minimized, through:</b></p>		
<p><b>a. understand climate changes and the actual and potential impacts (sea level rise, storm tides, and more extreme weather), and how these give rise to vulnerabilities;</b></p>	<p>Determine location of at risk Council infrastructure and assets by comparing spatial data on storm tide and flooding, soil type and landslide risk (under future climate scenarios) with data on locations of roads, stormwater drainage, coastal structures (including sea walls) and Council building assets.</p>	<p>Information Management Land Use Planning</p>
	<p>Determine location of at risk coastal and marine infrastructure (under future climate scenarios for storm tide/, flooding and sea level rise) through a joint study with the Department of Transport.</p>	<p>Infrastructure Planning</p>
	<p>Undertake a study of coastal processes in the City to develop a Coastal Processes Plan.</p>	<p>Infrastructure Planning</p>
	<p>Investigate options, develop strategies, costs and scenarios for defending or retreating from sea level rise impacts along foreshores and the coastline</p>	<p>Infrastructure Planning</p>
	<p>Install rainfall/runoff devices at several representative locations to obtain local and accurate rainfall/runoff data.</p>	<p>Infrastructure Planning</p>
	<p>Undertake a study to determine the location and extent of storm water backwash during storm tide/, flooding under future climate and sea level rise scenarios.</p>	<p>Infrastructure Planning</p>
	<p>Complete the registering of existing stormwater infrastructure on the asset register.</p>	<p>Corporate Asset Information</p>
	<p>Update the stormwater asset register to include soft infrastructure (e.g. wetlands).</p>	<p>Environmental Management Infrastructure Planning</p>
	<p>Re-run catchment flood mitigation hydrologic models to identify wetlands treatment measures that may fail (coastal wetlands).</p>	<p>Infrastructure Planning</p>
<p><b>b. understand the impacts of energy transition on Council assets and</b></p>	<p>Undertake a study of Energy Transition risks to Council and develop an Energy Transition Action Plan, following principles of the Oil Depletion Protocol</p>	<p>Environmental Management</p>

Strategic Outcomes	Actions	Responsible Group
<p><b>planning for the response to these impacts;</b></p>	<p>Investigate options to ensure Council retains and attracts experienced staff (e.g. flexible hours, work from home and transport options)</p>	
	<p>Encourage understanding and acceptance of Energy Transition Action Plan in the workplace</p>	<p>Environmental Management</p>
	<p>Undertake analysis of Councils future vehicle needs, and the risks and opportunities for GHG emissions reduction, including 3% annual reduction in fuel use. Develop a plan to meet GHG emissions targets to 2030 while maintaining operational capacity of the vehicle fleet.</p>	<p>Environmental Management Fleet</p>
	<p>Investigate options for electric vehicle, and alternative fuel use and infrastructure for council operations, including triggers such as fuel or carbon price, community sentiment or changes in security of supply.</p>	<p>Environmental Management Fleet</p>
	<p>Investigate options for carpooling, staff buses and employee exchanges in adjacent Council areas. .</p>	<p>Environmental Management Fleet Infrastructure Planning</p>
	<p>Promote, encourage and assist staff to increase their bicycle use in commuting and at work, including through acquiring an electric scooter or bicycle fleet for council operations and provision of end of trip facilities.</p>	<p>Environmental Management Fleet Infrastructure Planning</p>
<p><b>c. planning, locating and designing new assets to increase resilience to these impacts over their life;</b></p>	<p>Conduct a cost-benefit analysis of major design criteria changes for new buildings as an initial step to ensure adaptability to climate change.</p>	<p>Customer &amp; Community Services</p>
	<p>Develop a plan to identify new locations for replacement/new Council building assets when old at-risk assets have reached end of life cycle and are in vulnerable locations.</p>	<p>Customer &amp; Community Services</p>
	<p>Undertake and implement priority infrastructure planning to ensure Council has sufficient budget to redesign existing roads and drainage.</p>	<p>Infrastructure Planning</p>
	<p>Amend specifications and buildings codes to reflect design changes for future new buildings in response to changing climate.</p>	<p>Land Use Planning</p>
	<p>Amend specifications and buildings codes to reflect design changes for future new buildings to ensure they support an energy transition and are resilient to oil vulnerability, including sustainable energy and transport options.</p>	<p>Infrastructure Planning Land Use Planning</p>
<p><b>d. maintain desired open space provision by acquiring land including</b></p>	<p>Review Open Space Strategy to include impacts from a changing climate.</p>	<p>Environmental Management</p>
	<p>Identify extent of public open space (sport and recreation areas, parks, and reserves) that is vulnerable to climate change impacts (in particular to inundation</p>	<p>Environmental Management</p>

<b>Strategic Outcomes</b>	<b>Actions</b>	<b>Responsible Group</b>
<b>that buffering existing coastal open spaces.</b>	by storm tide, flooding and sea level rise). Investigate land acquisition policy options for replacement these areas on the time-frames in which they may be lost to sea level rise and inundation.	
	Investigate options for defending (flood-proofing) public open space from climate change impacts.	Environmental Management
	Ensure that facilities incorporate cutting edge design and products to maximize their resilience to climate change impacts	Environmental Management



## The essential services that Council provides to the community meet delivery expectations in a changing climate and energy transition.

Strategic Outcomes	Actions	Responsible Group
<b>3. The levels and standards of essential services to the community are maintained in a changing climate, through:</b>		
<b>a. understanding climate changes and their impacts on service provision;</b>	Review Council's Buildings without generators (or access points for a mobile generator)	Corporate Acquisition, Fleet & Facilities
	Identify extreme weather response options and incorporate into sport and recreation land management plans.	Environmental Management
	Develop and implement Irrigation and Water Management Plans with sporting clubs (where vulnerable to water supplies and resulting quality of field playing surfaces).	Environmental Management
<b>b. understanding the impacts an energy transition may have on essential services and planning resilience of services to these impacts;</b>	Undertake a study of Energy Transition risks to Redland and develop an Energy Transition Action Plan to maintain critical services	Environmental Management
	Develop Oil Depletion Contingency Plan to maintain Council's ability to provide essential services in the face of either a short term supply crisis.	Environmental Management Fleet & Facilities Operations & Maintenance Risk & Liability
<b>c. planning and cost effective measures to increase the resilience of services to these impacts</b>	Develop a Plan with NSI Barge Operators to determine weather conditions that make barge inoperable and identify alternative options for Council Services (e.g. waste collection by ferry substitution).	Infrastructure Planning
	Review and plan for climate change impacts on waste transfer facilities on NSI and the SMBIs	Infrastructure Planning
<b>d. ensuring that Council continues to meet its legislative obligations</b>	Ensure that Council closed landfills management meets DERM's coastal management policies and requirements.	Operations & Maintenance
	Recalculate risk profile of closed and operating landfills based on storm surge scenarios and ensure that management plans incorporate flexibility to change infrastructure and remediation actions.	Operations & Maintenance
	Incorporate climate change risks and treatments into all current and future Council	IEMS Coordinator

<b>Strategic Outcomes</b>	<b>Actions</b>	<b>Responsible Group</b>
	ERA licenses and all sites registered on Council's Integrated Environmental Management System for which Environmental Management Plans apply.	
	Develop a Climate Change Risk Management Procedure in the IEMS.	Environmental Management IEMS Coordinator
	Maintain Council insurance cover up to date with insurance industry policy changes for flood cover	Risk & Liability

**The Council’s and community’s greenhouse gas emissions are reduced to achieve at least national targets by 2050.**

Strategic Outcomes	Actions	Responsible Group
<p><b>4. Reduce Council’s corporate greenhouse gas emissions reduced by 75% over 1998 levels by 2050 which means 5% reduction in GHG emissions per annum through:</b></p>		
<p><b>a. conservation and efficiency;</b></p>	<p>Invest in energy efficiency and energy conservation to achieve 5% reduction in GHG emissions per annum across all areas of Council, focusing in particular on the Eco-Financial Efficiencies Program in the Fleet, and in the Building and Facilities areas of Council.</p>	<p>Environmental Management Corporate Acquisition, Fleet &amp; Facilities</p>
	<p>Develop and implement Procurement Policy and Procedures to improve the sustainability outcomes of Council purchasing of goods and services.</p>	<p>Environmental Management Corporate Acquisition, Fleet &amp; Facilities</p>
	<p>Develop a Green Building Policy and Guideline to implement a higher standard of sustainable design, function, and use of Council buildings and structures.</p>	<p>Environmental Management Fleet</p>
	<p>Conduct Driver Behaviour training for Council vehicle operators to promote fuel efficient driving/ vehicle use</p>	<p>Environmental Management Fleet</p>
	<p>Introduce intranet based car pool software to encourage staff to car pool at workshops, conferences, training, meetings, events and the like.</p>	<p>Environmental Management Fleet Infrastructure Planning</p>
	<p>Develop a marginal abatement cost curve for Council providing specific guidance on investment in emissions reduction measures at Council.</p>	<p>Environmental Management Corporate Acquisition, Fleet &amp; Facilities</p>
	<p>Review and implement relevant findings of the South East Queensland <i>Energy Efficiency Public Lighting Working Group</i> (E2PLWG) and trial</p>	<p>Environmental Management</p>
	<p>Use best practice eco-efficient lighting for all Council controlled community and landscape lighting (footpaths, car parks, etc)</p>	<p>Environmental Management Operations &amp; Maintenance</p>
	<p>Advocate for more effective State and Federal policy, legislation and programs that promote energy conservation and efficiency by local government.</p>	<p>Council</p>
	<p>Advocate for more effective State and Federal policy, legislation and programs to promote uptake of low carbon energy sources by local government.</p>	<p>Council</p>

Strategic Outcomes	Actions	Responsible Group
b. <b>using less carbon intensive and renewable energy sources;</b>	Purchase Government Accredited Green Power where cost effective to do so	Environmental Management Corporate Acquisition, Fleet & Facilities
	Generate our own power using renewable energy where cost effective to do so	Environmental Management Corporate Acquisition, Fleet & Facilities
	Continue trialing solar power technologies for public light for which Council has operational control (footpaths, car parks etc).	Environmental Management Corporate Acquisition, Fleet & Facilities Operations & Maintenance
c. <b>purchase or develop cost effective offsets that lead to real GHG reductions;</b>	Purchase or develop cost effective offsets that lead to real emission reductions (registered and accredited carbon offsets from energy-efficiency and renewable sources in preference to those created through biosequestration and not to purchase offsets under voluntary schemes) where cost effective to do so.	Environmental Management Corporate Acquisition, Fleet & Facilities
d. <b>routine, regular carbon audit and tracking systems;</b>	Report regularly on energy, fuel, water and waste consumption consistent with the Corporate Plan and state and commonwealth government requirements.	Environmental Management Corporate Acquisition, Fleet & Facilities; Infrastructure Planning; Operations & Maintenance
	Integrate carbon accounting tracking systems with the financial and other systems operated by Council to improve the ability to measure carbon emissions through energy, fuel, water and waste use.	
	Undertake energy and carbon audit to quantify emission reductions	
e. <b>sustainable waste management</b>	Council will develop programs and options to reduce GHG emissions from Council waste under the Waste Management Strategy: through measures to avoid, reduce, reuse and recycle waste.	Environmental Management Infrastructure Planning; Operations & Maintenance
<b>5. The community reduces its greenhouse gas emissions through:</b>		
a. <b>conservation and efficiency;</b> b. <b>using less carbon intensive and renewable energy sources;</b>	Council will develop programs to facilitate Redland businesses, schools and households to become more energy efficient and sustainable and to promote Green Living.	Environmental Management Environmental Education Infrastructure Planning Community & Social Planning
	Council will develop and implement a program and “brand” of community energy efficiency and conservation education and awareness (and integrating this with a broader community sustainability education and awareness program) and support	

<p><b>c. offsetting</b></p>	<p>community groups and individuals acting on GHG emission reductions.</p>	
<p><b>d. sustainable waste management</b></p>	<p>Council will form partnerships with and promote and support networks of local businesses, organizations and individuals working actively to reduce their energy use, such as ecoBiz.</p>	
	<p>Council will promote a Community that is well informed with respect to climate change and sustainable lifestyles and business practices through the development of locally focused internet based resources.</p>	
	<p>Council will continue developing the walking and cycling pathway network and promote healthy lifestyles that encourage residents and visitors to use these facilities.</p>	
	<p>Develop priority parking program/policy for bicycles, car sharing and small, efficient vehicles</p>	
	<p>Advocate for more effective State and Federal Programs that assist the community in living more sustainably, including participating in Inquiries and call for submissions on major initiatives by government.</p>	
	<p>Plan for sustainable transport including mode shifts from the private motor vehicle, toward walking, cycling and public transport such as rail and bus.</p>	
	<p>Council will develop programs and options to reduce GHG emissions from the community's waste under the Waste Management Strategy: through measures to avoid, reduce, reuse and recycle waste.</p>	

**The Council's management provides the best possible buffering of the Redland's natural environment and cultural heritage from the impacts of a changing climate.**

Strategic Outcomes	Actions	Responsible Group
<b>6. Council's management of the threats to natural areas and cultural heritage evolves to overcome the additional impacts of a changing climate, through:</b>		
<b>a. understanding climate changes and the actual and potential impacts (sea level rise, storm tides, and more extreme weather), and how these make natural areas and cultural heritage more vulnerable;</b>	<p>Conduct research into the impacts of coastal inundation on beaches and foreshores, and cost-effective options to better protect natural heritage.</p> <p>Conduct research into the potential impacts on aquatic animal or plant populations and waterway ecosystem health through reduced stream flow and increasingly extreme events.</p> <p>Conduct research to identify at risk habitats and species or "hot spots" and develop cost-effective options and priorities for Council response.</p> <p>Obtain and correlate spatial data on open space buffers and storm tides, flooding and coastal inundation with data on bushfire and regional ecosystems.</p> <p>Encourage local government collaboration and coordination on Lyngbya research and management, including cost sharing approaches in the long term.</p> <p>Advocate for the State government to assume a greater role and responsibility for algal bloom management, with commensurate increase in resources.</p> <p>Advocate for the State government and other councils to take regional approach to researching climate change impacts on Acid Sulphate soils and animal or plant populations, habitat or ecosystems.</p> <p>Advocate for the State government and other councils to take regional approach to researching climate change impacts on animal or plant populations, habitat or ecosystems through persistent water stress.</p>	<p>Environmental Management</p> <p>Council</p> <p>Council</p> <p>Council</p>
<b>b. managing increasing threats (fire, pests, erosion, acid sulfate soils, etc) to maintain the resilience of species at risk, ecosystems, habitats and coastal processes.</b>	<p>Review corporate guidelines and procedures for the management of Lyngbya algal blooms to increase the scope of target area and include NSI and SMBI (including monitoring and response to Lyngbya blooms).</p> <p>Ensure Acid Sulphate soils criteria are incorporated into IEMS/EMP procedures and PEAT (preliminary environmental assessment tool) and updated.</p>	Environmental Management
<b>c. managing increasing</b>	Conduct research to identify the impacts of coastal inundation on cultural heritage	Environmental Management

<b>Strategic Outcomes</b>	<b>Actions</b>	<b>Responsible Group</b>
<b>threats to cultural heritage</b>	sites and values. Develop priorities and cost-effective options to better protect cultural heritage sites and values.	Community & Social Planning

## Development in Redland City is planned, sited and designed to prevent or mitigate the adverse effects of a changing climate and energy transition.

Strategic Outcomes	Actions	Responsible Group
<b>7. Our control of development and human activities in Redlands quickly evolves to ensure that it addresses the additional impacts of a changing climate and energy transition</b>		
<b>a. understanding climate changes and the actual and potential impacts (sea level rise, storm tides, and more extreme weather), and how these make development more vulnerable.</b>	<p>Compare spatial data on storm tide and flood inundation with: updated spatial data on sewerage and unsewered (septic) areas; marine industry infrastructure.</p> <p>Complete storm tide hazard, sea level rise, flooding and inundation mapping of areas of the city not currently mapped including the Southern Moreton Bay Islands, Dunwich, Amity Point, and Tingalpa Creek and surrounding area.</p> <p>Undertake further site specific two dimensional modeling of specific areas to refine the storm tide extents, duration of inundation and hazard levels.</p> <p>Re-run catchment flood mitigation hydrologic models to incorporate increase in sea levels due to climate change.</p> <p>Install automatic wave/tide height devices so that current accurate data can be input to models.</p> <p>Undertake modeling of storm tides to determine impact of climate change on sea walls.</p> <p>Conduct wave-run up modeling of the Redland coastline to inform Council and emergency management of potential inundation risks for a given storm event.</p> <p>Complete Rural Futures Strategy incorporating known impacts of climate change on farming options in the Redlands area.</p>	<p>Land Use Planning; Environmental Management; Infrastructure Planning; Information Management</p> <p>Land Use Planning; Economic Development</p>
<b>b. timely amendments to the Redland Planning Scheme and local laws</b>	<p>Investigate planning options (including amendment of Redland Planning Scheme by 2012) to reduce the impacts of sea level rise on future development, and incorporate the results of recent storm tide modeling and State Government sea level rise planning requirements in the Coastal Plan.</p> <p>Review Redland Planning Scheme to incorporate planning for and costs of State Government Total Water Management requirements through Priority Infrastructure Planning.</p> <p>Develop community engagement mechanisms for planning responses to sea level rise along foreshores</p>	<p>Environmental Management; Land Use Planning; Infrastructure Planning</p>



Strategic Outcomes	Actions	Responsible Group
	<p>Maintain up-to-date information on landslide overlay and development requirements to conduct geotechnical studies for site specific issues as required.</p> <p>Investigate planning options (including Redland Planning Scheme mechanisms) that reduce the impacts of sea level rise on existing development exposed to inundation risks.</p> <p>Promote urban planning that reduces the transport requirements, such as mixed use development in close proximity to services and to people who need them</p> <p>Investigate planning options (including Redland Planning Scheme mechanisms) that promote local food production.</p>	
<p><b>d. advocacy at political, planning and intergovernmental forums</b></p>	<p>Advocate and gain clear direction from State Government on planning responses to sea level rise, public and environmental health issues arising from climate changes, including to improve planning scheme capacity for continual updating.</p> <p>Advocate the State Government regarding enabling legislation to provide Council with the mechanisms for land resumption or compensation in response to sea level rise predictions.</p> <p>Conduct / renew dialogue with the DERM, and other relevant State Agencies and other affected Councils regarding enforcement of Coastal Building Lines, especially at Amity Point.</p> <p>Advocate for more frequent rail and services to Cleveland during times short term supply crunches and following oil depletion.</p>	

The community is resilient, (well informed, resourced, empowered and able to make decisions and take action) to respond to the adverse effects and potential opportunities of a changing climate and energy transition.

Strategic Outcomes	Actions	Responsible Group
<b>8. Our community quickly evolves to ensure that it addresses the additional impacts of energy transition and a changing climate, through</b>		
<b>a. understanding and acting on climate changes and the actual and potential impacts (sea level rise, storm tides, extreme weather), and how these make communities more vulnerable;</b>	Council will develop and implement a Communication, Engagement and Action Plan to provide forums where climate change impacts may be identified and discussed with a view to how community resilience to these impacts may be strengthened.	Environmental Management Environmental Education Communications and Marketing
	Undertake a study of priority climate change risks to the community.	Environmental Management
<b>b. understanding and acting on energy transition and the actual and potential impacts (oil vulnerability, access to energy or security of supply), and how these make communities more vulnerable;</b>	Establish an Energy Transition Work Group to provide advice to Council regarding oil vulnerability and prepare the Redlands community for increasing fuel prices and energy security.	Environmental Management
	Undertake a study of Energy Transition risks to the community and develop an Energy Transition Action Plan to manage priority risks in partnership with the community, identifying disadvantaged and vulnerable sections of the Redland Community.	Environmental Management
	Develop and implement a Communication , Engagement and Action Plan to encourage understanding and acceptance of Energy Transition Action in the Redland community and support community groups and individuals acting on oil depletion.	Environmental Management Environmental Education Communications and Marketing
<b>c. evolving community awareness, education and information programs;</b>	Provide regular and diverse forums for community education, behaviour change and an awareness program targeting climate mitigation (emissions reduction from all sectors), adaptation issues (climate change readiness and preparedness) and energy transition and to promote “Green Living”.	Environmental Management Environmental Education Communications and Marketing

Strategic Outcomes	Actions	Responsible Group
	Council will develop and implement a Communication, Engagement and Action Plan to promote education and awareness, explore opportunities arising from a changing climate, and include them in our business strategies.	Environmental Management Environmental Education Communications and Marketing
<b>d. advocacy in the community and at political, planning and intergovernmental forums</b>	Advocate for greater regional risk assessment, coordination, and common policy and planning controls in response to climate change.	Council
	Advocate for greater access to State and Federal Government initiatives and funding.	Council
	Develop a marginal abatement cost options for residents based on specific conditions in Redlands to provide guidance to residents on best investment options for emissions reduction.	Environmental Management Environmental Education
	Provide support for non-local government initiatives	Environmental Management Environmental Education
<b>e. reducing dependence on fossil fuels</b>	Develop and implement a Communication and Engagement Plan to encourage understanding and acceptance of Energy Transition Action in the Redland community and the need to reduce use of fossil fueled powered transport.	Environmental Management Environmental Education
	Encourage localization of industry, food production and transport, energy generation to meet community needs.	Environmental Management Environmental Education
	Identify food deserts and start longer term planning and upskilling for edible gardens, including developing skills and identifying potential locations. Introduce and map food producing plants in public places, in advance of short term fuel shortage. Promote home edible gardens through workshops, training, networks and exchanges.	Environmental Management Environmental Education Communications and Marketing Land Use Planning; Infrastructure Planning
	Promote and support networks of local businesses, organizations and individuals working actively to reduce their fossil fuel use, and support community groups and individuals acting on oil depletion.	Environmental Management Environmental Education
	Promote local employment opportunities to minimize the need for extended travel by residents for commuting purposes.	Environmental Management Environmental Education

Strategic Outcomes	Actions	Responsible Group
	<b>9. Council develops robust monitoring, evaluation, reporting and improvement systems to track performance of strategic outcomes and actions of this strategy.</b>	
	'Green Living' performance indicators for the Community Plan Redlands 2030 and Council Corporate Plan are used to indicate Council's performance on climate change, and this strategy.	Corporate Planning, Performance & Risk
	This strategy is reviewed at midway and completion of the five year plan period to assess progress and report to Council.	Corporate Planning, Performance & Risk Environmental Management

## **9. Glossary**

To be completed and include acronyms and definitions at design and layout stage

## **10. References**

To be completed at design and layout stage

## APPENDIX 1: Climate Change Risk Register

Risk Register from Appendix 1 of *Redlands Climate Change Risk Assessment 2008* report

Risk Name	Consequences	Likelihood (Current)	Priority (Current)	Likelihood (2030)	Priority (2030)	Likelihood (2070)	Priority (2070)
<b>Infrastructure</b>							
Council buildings damaged through subsidence and shifting foundations with increased intense rainfall	Insignificant	Rare	4	Rare	4	Rare	4
Council buildings (inland) damaged through wind, hail or flooding	Low	Unlikely	20	Unlikely	20	Unlikely	20
Council buildings (coastal) damaged through wind, hail or flooding	Low	Possible	28	Possible	28	Likely	44
Building fittings and retrofits required to accommodate temperature increases and storms	Insignificant	Likely	24	Rare	4		
Low-lying public infrastructure damaged by flooding	Low	Likely	44	Likely	44	Almost certain	48
Increased damage to pontoons, marina, jetties, piles through storm tide	Major	Unlikely	64	Unlikely	64	Rare	60
Increased damage to sea walls (armouring) through storm tide	Low	Possible	28	Possible	28	Likely	44
Increased damage to caravan parks through storm activity	Low	Unlikely	20	Unlikely	20	Rare	16
Damage to footings or timber structures through ocean acidity	Insignificant	Rare	4	Rare	4	Rare	4
Closed landfills inundated through storm surge	Low	Possible	28	Unlikely	20	Unlikely	20
Damage to microwave linkage to isolated and island communities	Insignificant	Rare	4	Unlikely	8	Possible	12
Loss of power as a result of overload	Low	Unlikely	20	Unlikely	20	Unlikely	20
Loss of power as a result of storms	Low	Unlikely	20	Unlikely	20	Unlikely	20
Stormwater drains overwhelmed by intense rainfall	Insignificant	Possible	12	Possible	12	Likely	24
Stormwater drains blocked through reduced average rainfall or drought	Insignificant	Possible	12	Possible	12	Likely	24

Risk Name	Consequences	Likelihood (Current)	Priority (Current)	Likelihood (2030)	Priority (2030)	Likelihood (2070)	Priority (2070)
Stormwater treatment systems overwhelmed	Low	Possible	28	Likely	44	Almost certain	48
Infiltration of sewerage through illegal connections to stormwater	Low	Likely	44				
Road damage through drought	Insignificant	Rare	4	Rare	4	Rare	4
Barge inoperable in rough weather	Medium	Likely	56	Likely	56	Likely	56
Ferry inoperable in rough weather	Low	Likely	44	Likely	44	Almost certain	48
<b>Planning and Development</b>							
Increased need for shaded/cool facilities	Low	Possible	28				
Insufficient coastal open space as a result of rising sea level and coastal inundation	Low	Rare	16	Unlikely	20	Possible	28
Inadequate planning for the impact of rising sea level on marine industries	Insignificant	Rare	4	Rare	4	Unlikely	8
Inadequate planning for the impact of water restrictions, transport difficulties, rising temperatures and increased storm activity on tourism	Low	Rare	16	Unlikely	20	Possible	28
Inadequate planning for the impact of water stress, drought, storms and temperature on agricultural (poultry) and horticultural (flower farming and others) industries	Low	Unlikely	20	Possible	28	Rare	16
<b>Environmental Management</b>							
Significant harm to animal or plant populations, habitat or ecosystem health through storms and flooding	Medium	Unlikely	36	Possible	52	Likely	56
Significant harm to aquatic animal or plant populations or ecosystem health through ocean acidification	Insignificant	Rare	4	Unlikely	8	Possible	12
Significant harm to animal or plant populations, habitat or ecosystem health through coastal inundation	Low	Rare	16	Unlikely	20	Possible	28
Significant harm to animal or plant populations, habitat or ecosystem health through persistent water stress	Low	Rare	16	Unlikely	20	Possible	28
Significant harm to animal or plant species and ecosystem health through bushfires	Low	Rare	16	Unlikely	20	Possible	28
Significantly increased algal blooms ( <i>Lyngbya majuscula</i> )	Low	Unlikely	20	Possible	28	Likely	44
Significant degradation of beaches and foreshores through coastal inundation	Low	Rare	16	Unlikely	20	Unlikely	20

Risk Name	Consequences	Likelihood (Current)	Priority (Current)	Likelihood (2030)	Priority (2030)	Likelihood (2070)	Priority (2070)
Increased incidence and severity of landslide through intense rainfall	Insignificant	Rare	4	Rare	4	Unlikely	8
Significant escalation of the distribution of acid sulphate soils	Not rated	Not rated		Not rated		Not rated	
Increased pests and weeds through altered temperature and rainfall parameters	Insignificant	Rare	4	Unlikely	8	Unlikely	8
Degradation of creek ecosystems through reduce stream flow	Insignificant	Rare	4	Rare	4	Unlikely	8
Significantly increased pollution of waterways through storms and flooding	Insignificant	Rare	4	Rare	4	Unlikely	8
<b>Community and Social Planning</b>							
Anxiety (mental health and general wellbeing) about climate change – particularly elderly	Low	Rare	16	Unlikely	20	Possible	28
Increased incidence of heat stress through increased peak temperatures and heat waves	Insignificant	Rare	4	Rare	4	Unlikely	8
Increased need for home-assisted and respite care and associated funding, as a result of temperature changes and storms	Low	Rare	16	Unlikely	20	Possible	28
Demand for emergency services increased through increased storms and flooding	Low	Rare	16	Unlikely	20	Possible	28
Demand for recovery services increased through increased storms and flooding	Insignificant	Rare	4	Unlikely	8	Possible	12
Public safety threatened through increased storms or flooding	Low	Rare	16	Unlikely	20	Possible	28
Public safety threatened through altered incidence of mosquito-borne infectious diseases (e.g. dengue fever, Ross River virus disease)	Medium	Rare	32	Rare	32	Possible	52
Harm to lifestyle and general wellbeing as a result of increased midge or mosquito density	Low	Rare	16	Unlikely	20	Possible	28
Sporting or recreational areas threatened through lack of water	Low	Possible	28	Possible	28	Possible	28
Recreation areas threatened by coastal inundation	Low	Rare	16	Unlikely	20	Possible	28
<b>Corporate Services</b>							
Council liability for property damage through bushfires	Insignificant	Rare	4	Rare	4	Rare	4
Council liability for development threatened by flooding or sea level rise	Major	Rare	60	Rare	60	Rare	60



Risk Name	Consequences	Likelihood (Current)	Priority (Current)	Likelihood (2030)	Priority (2030)	Likelihood (2070)	Priority (2070)
<b>Mitigation Risks (these are risks that are yet to be rated and assessed for priority)</b>							
Poorly viewed by other communities as being one of the highest emitting and least responsible communities on the planet;							
Missed opportunity to reduce emissions now is likely to cost more in the future for every tonne of carbon not abated;							
Energy costs are increasing and we will pay higher costs every year equal to the level of our emissions; and							
Legislative changes in coming years may bring mandatory emission levels that cannot be met without substantial investment.							
Poorly considered actions and planning or development without considering mitigation will 'lock in' further future emissions.							
<b>Energy Transition Risks (these are risks that are yet to be rated and assessed for priority)</b>							
Dependence on road and rail connections to the Brisbane metropolis and sea transport between islands and the mainland across Moreton Bay;							
Greater future competition among satellite communities in Brisbane for affordable and adequate transport services;							
Businesses and services that rely heavily on oil based products face significantly increased costs that will be passed onto consumers;							
Current building codes, development practices and transport patterns expose the community, including the business community, to volatile oil prices;							
Access to food, either in terms of food transport or production, will be vulnerable to volatile oil prices; and							
Higher future costs of energy transition if we delay action rather than act early.							

#### 12.2.4 CONSERVATION LAND MANAGEMENT STRATEGY 2010 AS REVISED FROM 2009 VERSION

**Dataworks Filename:** EM Conservation Land Management Strategy 2009

**Attachments:** [Appendix 1- Conservation Land Management Strategy 2010 \(GL-3070-001\)](#)  
[Appendix 2- minor amendments to the CLMS](#)

**Responsible Officer Name:** Gary Photinos  
Manager, Environmental Management

**Author Name:** Leo Newlands  
Advisor, Reserves Management

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#### EXECUTIVE SUMMARY

The “Redland City Council Conservation Land Management Strategy 2009: a plan for the next ten years” (CLMS 2009) was adopted in October 2009 on an interim basis pending the adoption of the 2010 Corporate Plan.

The document has now been amended in light of the newly adopted Corporate Plan along with minor amendments to the document where required through internal consultation (Attachment 1).

#### PURPOSE

The purpose of this report is to seek Council approval for the “Redland City Council Conservation Land Management Strategy 2010: a plan for the next ten years” (CLMS2010) to be adopted.

#### BACKGROUND

On 28 October 2009- Council resolved to adopt the “Redland City Council Conservation Land Management Strategy 2009: a plan for the next ten years”, as an interim document to be amended to reflect the 2010 Redland City Council Corporate Plan following its adoption; and to increase the emphasis in the Strategy on the quality of urban creek systems, nature belts and remnant urban habitats to support the increased needs of urban koalas.

#### ISSUES

The CLMS has been mapped to the Corporate Plan strategies to establish the consistency between the two documents. There was no inconsistency or gaps between these documents and the CLMS was also found to provide a high level of support for Corporate Plan goals.

### AMENDMENTS TO THE DOCUMENT

- Wording in Section 3.4 has been undertaken to reflect the adoption of the Corporate Plan and Redlands 2030 community Plan. Further, an analysis has been undertaken to define how the CLMS 2010 meets these plans.
- Reference has been made in Section 5 to ensure the document recognises all conservation area types as being important to the increased needs of urban koalas (Attachment 2) and the endangered status of koalas in the Koala Coast.
- In light of the above, reference to how reserves types have been functionally rated (high, medium and low), has been removed. This recognises that all reserve areas whether urban or rural, are considered important for protection of habitat for koalas and other fauna and includes urban habitats, creek corridors and nature belts.
- A range of other minor amendments have been made to the document to ensure that it remains current (Attachment 2).

### RELATIONSHIP WITH THE 2010 CORPORATE PLAN AND COMMUNITY PLAN

The Redland 2010-2015 Corporate Plan was adopted on 26<sup>th</sup> May 2010 and reflects the visions of the Redlands 2030 Community Plan. Revisions to the CLMS 2010 include reference to the new Corporate Plan and the Community Plan. The functionality of the CLMS 2010 supports many of the goals under these plans.

### AMENDMENT TO THE DOCUMENT NAME

The “Redland City Council Conservation Land Management Strategy 2009: a plan for the next ten years” has been revised and has now had its name amended to “Redland City Council Conservation Land Management Strategy 2010: a plan for the next ten years”

### **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council’s ‘Healthy Natural Environment’ outcome for ‘A diverse and healthy natural environment, with an abundance of native flora and fauna with rich ecosystems will thrive through our awareness, commitment and action in caring for the environment.’

### **FINANCIAL IMPLICATIONS**

There will be financial implications including costs associated with the implementation of the CLMS 2010 for auditing reserves, information systems development, amalgamation of lots, and closure of roads and data collection technology. Council's adopted Corporate Policy POL-3077 clearly states that funds from the Environment Charge will be used for the management and revegetation of the conservation estate and koala habitat. Council has already allocated funds from the Environment Charge for this purpose.

## **PLANNING SCHEME IMPLICATIONS**

The Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will not require any amendments to the Redlands Planning Scheme.

## **CONSULTATION**

Due to the minor amendments made to the document only Parks and Conservation have been consulted.

## **OPTIONS**

### **PREFERRED**

That Council resolve to adopt the updated “Redland City Council Conservation Land Management Strategy 2010: a plan for the next ten years”.

### **ALTERNATIVE**

That Council defer adopting the “Redland City Council Conservation Land Management Strategy 2010: a plan for the next ten years” pending amendments as directed by Council.

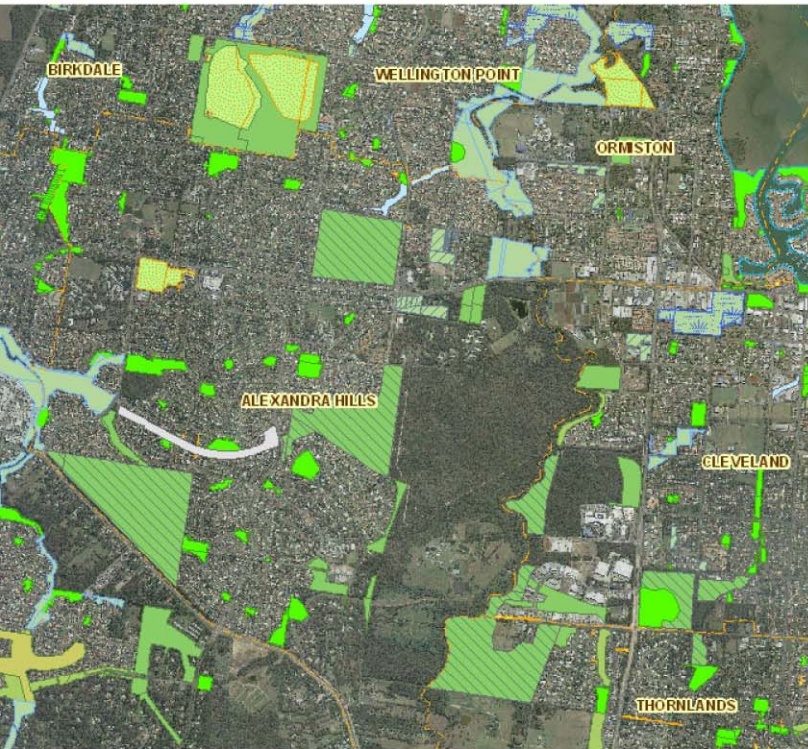
## **OFFICER’S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Bowler

Seconded by: Cr Ogilvie

**That Council resolve to adopt the updated “Redland City Council Conservation Land Management Strategy 2010: a plan for the next ten years”.**

## **CARRIED**



# Redland City Council's Conservation Land Management Strategy 2010:

A plan for the next ten years

## Acknowledgements

### Primary Author:

Leo Newlands- Advisor- Reserve Management

### Internal Input and revision:

Alan Burgess- Manager Economic Development  
Candy Daunt-Advisor Habitat Protection  
Dan Carter-Principal Advisor Natural Environment  
David Beatty-Conservation Fire Management Officer  
Emma Baker-Advisor Landscape Architecture  
Gary Photinos-Manager- Environmental Management  
Ian Waters- Risk & Liability Services Manager  
Lance Howard-Team Leader Local Laws  
Melanie Rippon- Support Officer- Natural Environment  
Richard – Advisor- Biodiversity Planning  
Rory House-Senior Conservation Officer

### External Submissions

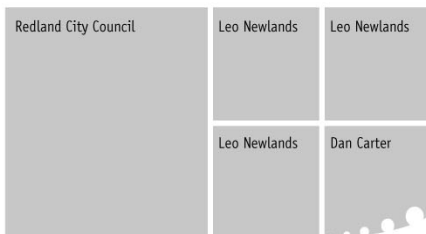
Brian Coghill (Koenpal(Dandrubabin) Association Inc.  
Brisbane South Mountain Bike Club Inc.  
Brisbane South MTB Club Inc.  
Gap Creek Trails Alliance. (MTB Trailcare Association)  
Koala Action Group Qld Inc.  
Orienteering Qld

**Note:** This 2010 version has been amended from the 2009 copy to reflect the Redlands 2030 Community Plan.

**Policy Register: GL-3070- 001**

### Enquiries

Redland City Council: (07) 3829 8999  
Environmental Management Group: (07) 3829 8621



Photos courtesy of Dan Carter and Leo Newlands, Redland City Council.

# Conservation Land Management Strategy 2010

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# **1 Introduction**

---

## **1.1 Overview**

Redland City in South-East Queensland is made up of the mainland, North Stradbroke Island (NSI), Coochiemudlo Island and Southern Moreton Bay Islands. It is located on Moreton Bay and borders Brisbane City, Logan City and the Gold Coast. Redland City covers large areas of natural coastline, the coastal islands of Moreton Bay, remnant bushland, and developed urban and rural areas totalling 53,700 hectares of which approximately 17.73% is classed as reserve land. Effective and efficient management of conservation estate requires a set of principles for coordinated approach for improving biodiversity services, environmental planning and operational management. To date much of Councils accumulated knowledge regarding effective resource management is dispersed throughout a range of management plans, strategies, databases, working procedures and within the personal knowledge of past and present Council officers. The Redland City Council Conservation Land Management Strategy 2009 (CLMS) aims to consolidate available information and knowledge and apply it to the management of specific areas of the Councils conservation estate such as Conservation Areas, Bushland Refuges and Creek Corridors to name a few.

## **1.2 Main Outcomes**

The main outcomes of this strategy are to:

- 1. Identify and classify the conservation estate into discrete area types and provide intents/principles for their management and planning.**

Council has approximately 280 documented reserve areas currently in the City. The historical naming, acceptance of activities and provision of infrastructure has occurred prior to the development of this document. It is then expected then that many of the areas will fail to meet the expected area intents outlined under this strategy. This document will guide the classification of new areas, reclassification of older areas where they are not consistent with this strategy. This document is not meant to prescribe detailed actions to be undertaken but provide a broad set of guiding principles and practices.

A further aim of this document is to reduce Councils need for producing individual management plans. However, it is expected that exceptional circumstances may dictate specific management requirements out of the ordinary (although these specific management requirements may be recorded in the CI database).

- 2. Facilitate the development of a 'living' user friendly electronic system for both planning and operational management of the Council's conservation estate.**

Council has to date produced a variety of management plans for areas under its management. The purpose of these plans is to guide management of the reserves for which they were produced. However, extant plans do not have the capacity to respond to evolving Council policy and legislative changes. Further, Council has many more areas than management plans and this figure is growing as Council increases its conservation estate. The production of management plans is an expensive and time consuming task. This document has been produced to

encompass and delineate principles and practices for all of Council's reserves thus changes to the 'management environment' can be captured in one document through revision of this strategy.

In addition to this document, it is envisaged that a data and information management system underpins and provides the link between this strategy and on-ground actions (Figure1). This 'living system' will be responsive to change, can be audited, reported on and provide immediate access to information required by planners and operational managers. This provides the key to implementation of sound and timely on-ground actions.

This information management system will allow a range of processes to occur such as:

- Identification of principles for the management of reserve types;
- retrieve information on specific reserves;
- update of information on a daily basis for those managing reserves Eg revegetation works;
- assessment and reporting eg State of the Environment (SOE);
- asset valuation and management ;and
- more informed budgeting.

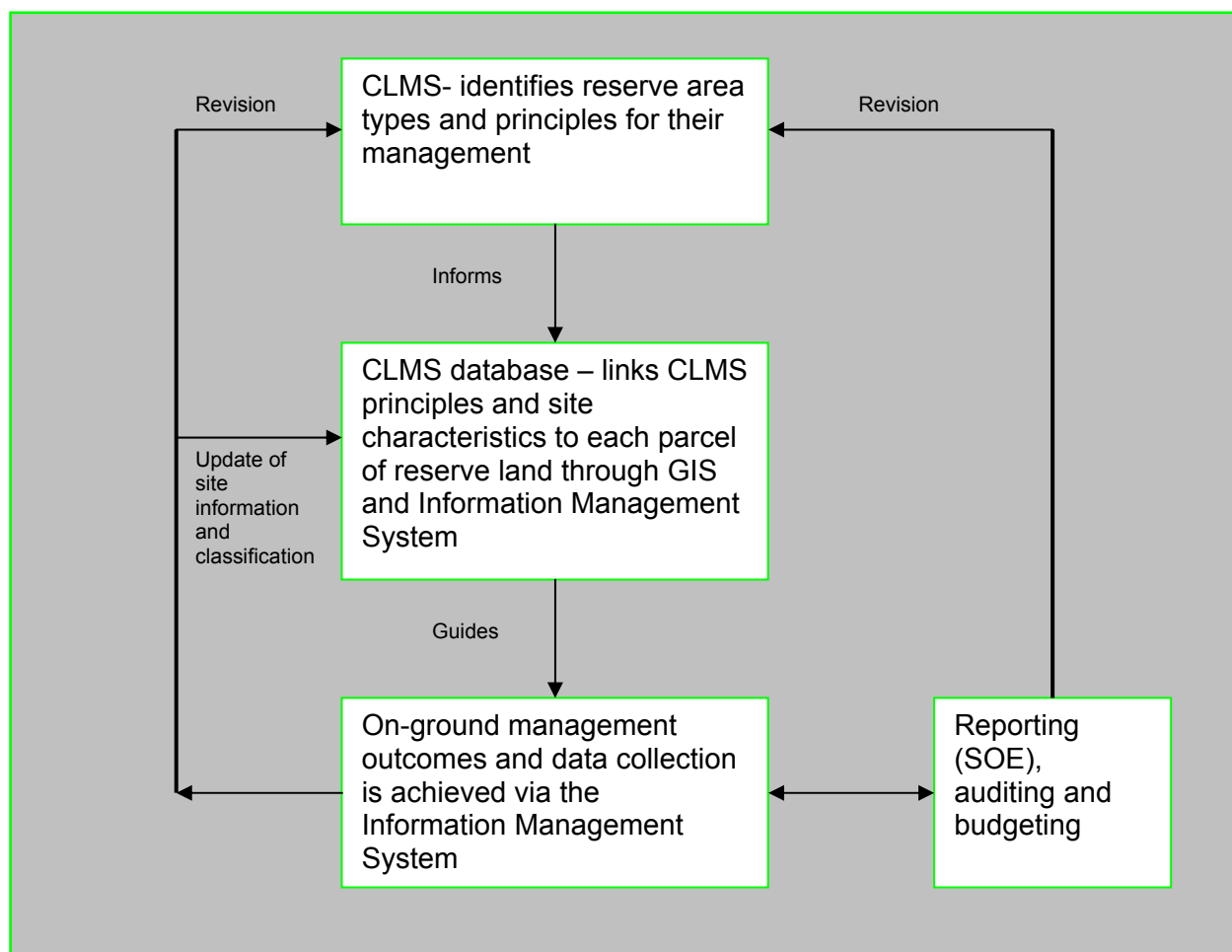


Figure 1. Outline of the overall objectives of this Strategy

## 2 STRATEGY FORMAT

This framework (Figure 2) will guide the readers through the process for understanding the principles behind addressing the objectives of the strategy.

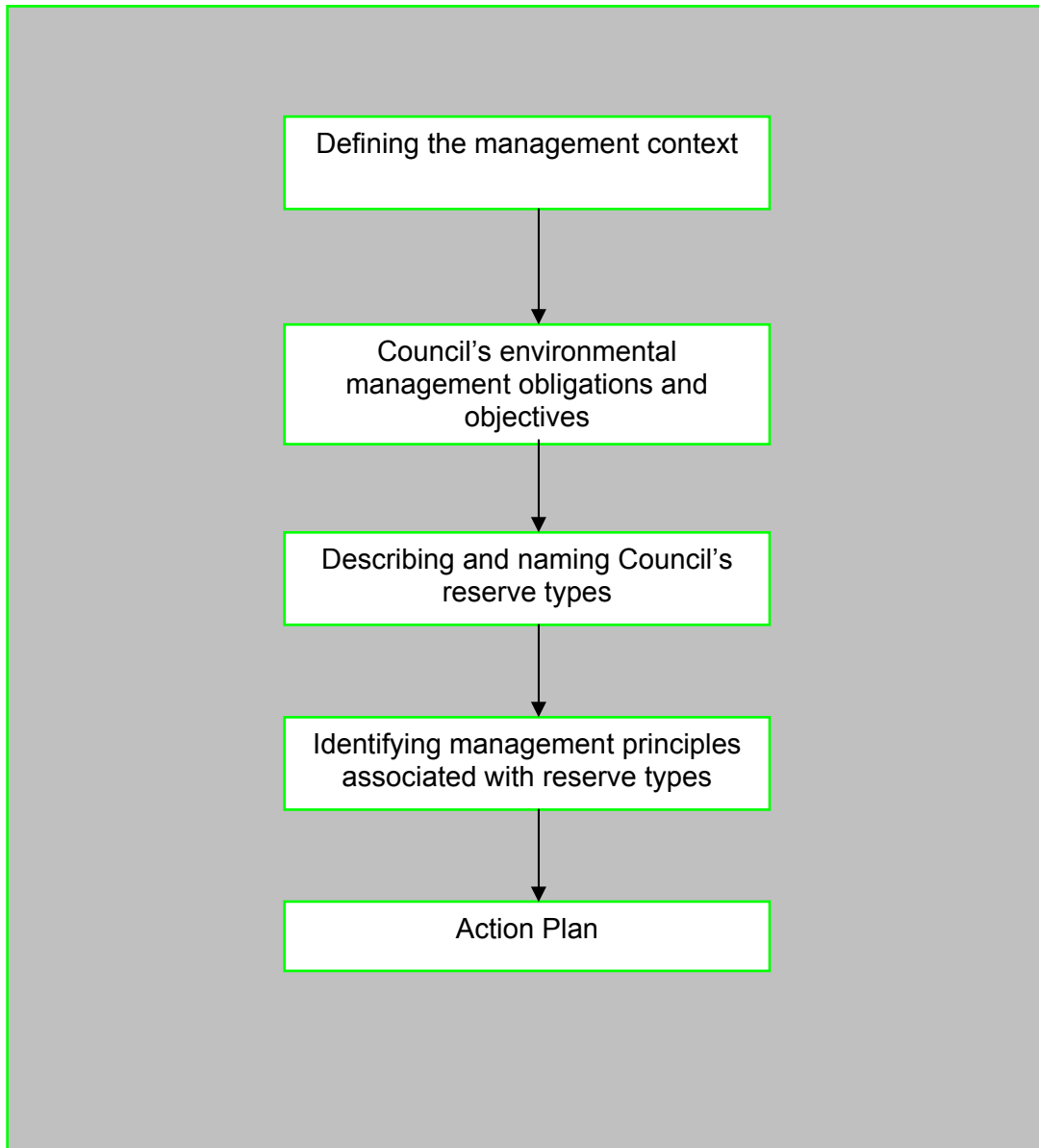


Figure 2. Strategy Framework.

### **3 A BASIS FOR MANAGEMENT OF CONSERVATION LAND WITHIN REDLAND CITY COUNCIL**

#### **3.1 The City's Conservation Estate**

The total area of land under conservation control/management is 9524ha.

This is broken into the following categories:



Whilst drainage reserves and road reserves have not been traditionally associated with conservation values, this plan recognises the value of road reserves and drainage reserves as being significant to the conservation estate and extending biodiversity values.

#### **3.2 Biodiversity Conservation Goals and Objectives**

The conservation of Redland City's natural assets - the Islands, the Bay, bushland, foreshores, flora and fauna - has been an intrinsic part of the development of the City. A dominant re-occurring theme throughout the Council's principal planning documents, the Corporate Plan and the Strategic Plan, is the conservation of the City's natural environment.

The Redland City Council has outlined in the Corporate Plan broad goals and future direction to support community vision. The Council's priority, in relation to community character and lifestyle, is to:

*Preserve a balance with urban, rural bushland, village coastal and island character of the Redlands by managing growth.*

In recognition of the need for responsible and creative environmental management, another of the Council's strategic priority is to:

*Ensure the enhancement of biodiversity including koala habitat, bushland, greenspace, waterways, catchments, air and coastal ecosystems of our unique location on Moreton Bay.*

The Redlands City Council seeks to deliver these goals by the strategies outlined in the Corporate Plan 2006-2010. The Plan's main aim of orderly and ecologically sustainable development is supported by a goal that the City will be planned and managed in a way that conserves the natural environment. This is to ensure that its ecological functions and biological diversity are protected and enhanced. This goal will be achieved and facilitated primarily through the implementation of the CLMS in

conjunction with the Biodiversity Strategy, the Vegetation Enhancement Strategy and the Koala Policy and Implementation Strategy. However, it should be noted that a range of other local, state and federal legislation and agreements (see below) impact on Councils goals and must be considered in the context of any planning and operational actions.

### 3.3 Head of power

The Redland City Council Biodiversity Policy 2008-2012 acts as the head of power and dictates the broad goals for management of the City's natural environment. The CLMS supports principles that are a consistent with the requirements of the Biodiversity Strategy. It should be noted that although Figure 3 indicates an impermeable process, any and all of these strategies and plans inform each other at a number of levels.

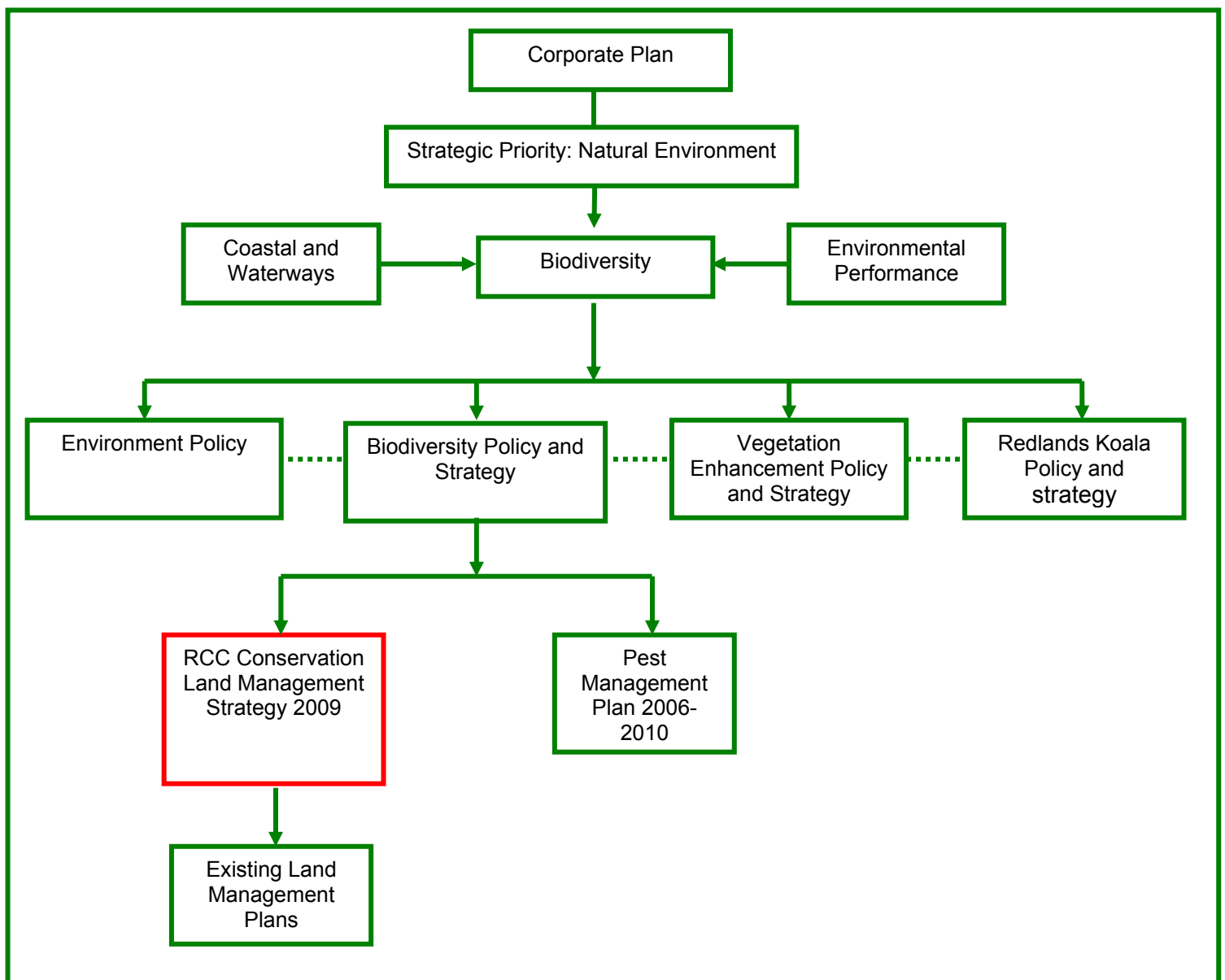


Figure 3. Current Structure for Head of Power

### **3.4 Council Policies and Strategies**

This document is consistent with and supports a range of Council policies and strategies including:

#### **3.4.1 Redlands 2030 Community Plan**

Redland City Council has adopted the Redlands 2030 Community Plan, which outlines the Council vision outcomes and goals for:

- Health Natural environment
- Green Living
- Embracing the Bay
- Quandmooka Country
- Wise planning and design
- Supportive Vibrant Economy
- Strong and Connected Communities
- Inclusive and Ethical Governance

This document not only meets goals for Natural Health Environment also supports many of the goals under the other vision outcomes above. The goals that this document supports are identified in Section 12.3.

#### **3.4.2 Redland Planning Scheme (RPS)**

The Redland Planning Scheme (enacted 30 March 2006) provides a framework for managing development in a way that advances the overarching purpose of the *Integrated Planning Act 1997* (IPA) to achieve ecological sustainability. The 'Desired Environmental Outcomes' of the Planning Scheme interpret ecological sustainability in the City's local context and provides the basis for all other measures included in the Scheme.

The RPS introduced significant new initiatives to advance ecological sustainability through planning mechanisms such as: extensive conservation and environmental protection zones, habitat protection overlays and waterway protection and ecological impact policies. The RPS can achieve protection of environmental values through various mechanisms including nomination of land use through zoning (all public land for conservation purposed is zoned CN2) and required contributions (Developer Contribution) to the conservation estate.

However the RPS can offer limited management requirements for conservation land coming to Council. As such, the RPS should not be seen as the endpoint of conservation measures. Additionally, there are a range of other Council policies and strategies that must be considered and engaged in the determination of developer contribution and the general impact of developments on the City's biodiversity and conservation estate.

#### **3.4.3 Local Government Act 1993 - Local Laws**

The *Local Government Act 1993* provides local governments with discretionary powers to create Local Laws. Redland City Council is responsible for introducing and enforcing Local Laws covering a range of activities that are related to biodiversity protection specific to reserves. A summary of the Local Laws objectives include:

- a) Local Law 15: Parks & Reserves – provide for establishment of parks and reserves under the Council's control, provide appropriate public access to parks and reserves for active and passive recreation, protect safety of persons using parks and reserves, preserve features of the natural and built environment and other aspects of the amenity of parks and reserves, regulate activities in parks and reserves and ensure appropriate standards of conduct.
- b) Local Law 2: Keeping and Control of Animals – to protect the community against the risk of injury and damage, ensure that animals do not create a nuisance or hazard to health & safety, prevent pollution and other environmental damage resulting from the keeping of animals & protect amenity of the local environment, ensure keepers of animals meet their obligations regarding the keeping of their animals in a way that is consistent with the rights and expectations of the local community.

#### 3.4.4 Environment Policy

The Environmental Policy POL-2644 states that Council is committed to achieving environmentally sustainable development. It aims to manage its operations and development to meet the needs of the present without compromising the ability of future generations to meet their own needs through the protection, enhancement, management and maintenance of the Redland's natural and built environment. This policy relating to biodiversity states that Council is committed to:

1. Protect, maintain and enhance the health of the City's:
  - bushland, natural areas, significant and native vegetation;
  - koala population;
  - waterways, foreshores, coasts and Moreton Bay, and;
  - biological diversity, maintaining viability of ecosystems and enhancing habitat.
2. Halt and then reverse the declining trend in the health of Redlands waterways and Moreton Bay, returning the native fish and macro-invertebrates to our (freshwater) waterways.
3. Protect natural ecosystems and the community from, environmental nuisance, air pollution, and land contamination arising from new and past human activities; through planning and management to avoid, minimise or manage the potential for negative impacts from these sources.
4. Reduce the greenhouse gases emitted by Council and the community to levels and within a time acceptable to the wider community.
5. Ensure that the consequences of climate change for Redland City are understood and planning mitigates potential adverse impacts on natural ecosystems and the community.
6. Provide a diversity of well-planned public open spaces, parks, streetscapes and pathways that foster improved community health and neighbourhood connections, recreation and sporting opportunities and support activities of everyday life.
7. Achieve optimal environmental outcomes by prioritising waste management practices to avoid, reduce, reuse, recycle, recover, treat, and dispose of waste (in order of preference) generated by Council and the community.



8. Assess the ecological footprint of the Council as a basis for environment planning and management.
9. Improve integration across Council Departments and Groups, and at the works and activities level, to achieve major environment planning and management responsibilities.
10. Monitor and report on Council's sustainability and environmental performance, and strive for best practice environmental management and performance standards in all operations and activities.
11. Provide public reporting on the state of the environment in Redland City; through this reporting, establish targets for the sustainable use and management of natural resources and track progress toward sustainability using indicators and ratings.
12. Develop awareness, extension and education programs for business and the public on environment and sustainability issues.
13. Promote adoption of sound environmental principles and practices by suppliers, consultants, developers, customers and the community.
14. Encourage research that strives to achieve best practice environmental management.
15. Implement the *Melbourne Principles for Sustainable Cities* to guide thinking and provide a strategic framework for action by the Council toward greater sustainability.
16. Ensure that all forms of development within the city seek to achieve ecological sustainability; encourage all new development to be compliant with 'green' building principles and practices.
17. Promote and encourage improved public transport facilities and patronage, facilitate a safe and accessible walking environment and encourage other low embodied energy forms of transport in the City.

#### 3.4.5 The Biodiversity Strategy 2008-2012

The Council program for biodiversity outlines to plan, design, deliver and regulate activities to protect and restore the quality and quantity of our biodiversity. Long term objectives include protecting, maintaining and enhancing the health of the City's bushland, vegetation, koalas and native wildlife. This document is key to driving the conservation goals of Council and the management of reserves.

#### 3.4.6 Vegetation Enhancement Strategy 2007

This Vegetation Enhancement Policy POL-2609 states that Council will provide clear specification for native species revegetation practices undertaken by Council, community, developers, Energex and other stakeholders to improve habitat value and management across City. The policy statements related to biodiversity conservation and associated reserve management that Council is committed to includes:

- Retaining, protecting, enhancing and linking remnant bushland areas to

maximise their ecological values through improved specification of vegetation standards;

- The use of 100% locally native and/or Australian native species in Council managed lands including streetscape plantings with special management for *Delonix regia* (Poincianas);
- Ensure at least 90% of development approvals meet the standards set in the Vegetation Enhancement Strategy through cooperative 'off maintenance' assessment of properties by Parks and Conservation and Development Assessment Services;
- Support ongoing SEQ regional initiatives for assessment and management of vegetation communities; and
- Recording and reporting on all rehabilitation and revegetation in the City annually.

Specifications are provided for species selection for all landscaping or restoration works conducted under the control or approval of Council to promote the proper use of indigenous species. Also weed schedules are included to control the use of weed species within landscaping or restoration projects.

#### 3.4.7 Redlands Koala Policy and Implementation Strategy 2008

The role of this document is threefold:

- to provide a new vision and to meet community expectations to stop the rapid continuing decline of koalas by 2011 and take immediate action to recover the existing population to more than 5000 koalas in the Koala Coast by 2014;
- to educate the whole community that Redlands habitat and its koalas are special, unique and integral to the environmental, social, cultural, and economic wellbeing of our community; and
- to measure, map and recognise in the State Koala Plan the unique North Stradbroke Island koala population.

Redland City Council and its community in partnership with relevant state government departments, businesses, neighbouring local governments in the Koala Coast region have agreed to undertake a range of actions that will enhance koala populations across the City on both public and private land. Some actions that directly influence Council reserves are:

- investigate opportunities to revegetate cleared land within Council ownership (creek corridors, parks, streetscapes) with recommended species,
- assess all public land for suitability through RPS to be amended to Koala Sustainable Areas, and
- undertake assessment of unused road reserves for road closure throughout the Shire and gazette them for public open space purposes.

#### 3.4.8 Pest Management Plan 2006 - 2010

Redland City Council has prepared a Pest Management Plan for 2006 - 2010. This plan identifies pests, their status and priority for treatment to prevent the establishment and spread of pests within our reserves and across the city in general. It also aims to control those species which are already prevalent. Pest Management Plans have been undertaken for Kudzu vine, pig, fox, Senegal tea, feral cats and rabbits.

### 3.4.9 Open Space Plan 2004-2016

The Open Space Plan provides a framework for the planning and management of the Redland's open space network. The plan covers all recreation, sporting and conservation open space including the mainland, North Stradbroke Island, Coochiemudlo Island and the Southern Moreton Bay Islands. Parts of the Conservation estate encompass or adjunct recreational space. This plan influences portions of the conservation estate through both use and impacts by directing the recreation level (infrastructure) required for recreational open space.

### 3.4.10 Land Management Plans

Redland City Council prepares Land Management Plans for state land which it manages under trust and for conservation land over which it has freehold title. These plans identify the flora and fauna, waterways, fire management and heritage issues of the land, along with any other issues of community importance. The plans identify how each of the issues identified during a community consultation process will be managed. Appendix 3 lists management plans developed and implemented by the Redland City Council.

There are other documents that have less direct impacts on the management of reserves including the Environment Charge Acquisition and Management Policy POL-3077 and the Unlawful Damage to Trees in Public Places POL-3025.

### 3.4.11 Indigenous Community Policy POL-3081

The objective of this policy is to recognize and respect all Aboriginal and Torres Strait Islander peoples who live with Redland City by:

- a) Strengthening their ability to be actively involved in community planning,
- b) Involving them in decision making processes about their people and country, and
- c) Fully acknowledging their rights to uphold their responsibilities for future generations

To acknowledge as first peoples the Traditional Owners of the lands and waters within Redland City – the Quandamooka, the Turrbal and the Jagera peoples.

## **3.5 Other Statutory Protection**

### 3.5.1 State

#### **3.5.1.1 Land Act 1994**

The Land Act 1994 has significant implications in terms of the tenure and management of land. The Act sets out a set of seven principles which must be followed in the administration of State land. These principles are sustainability, evaluation, development, community purpose, protection, consultation and administration.

The Minister for Natural Resources has delegated the Minister's power under the Act to officers and employees of the Department of Natural Resources and Water (DNRW) to enable efficient administration of State-controlled lands. That is, DNRW act as the managing agents for State controlled lands. A proportion of Council's reserves are state Lands that Council holds and manages as trustee and therefore must abide by the various management obligations (occupation rights) attached to any specific parcel of trustee Land. These principles are discussed further in Section 3.6 ('Management of Land by Tenure').

### **3.5.1.2 Vegetation Management Act (1999)**

The purpose of the VMA is to regulate clearing of vegetation in a way that conserves remnant 'endangered', 'of concern' or 'not of concern' regional ecosystems and conserves vegetation in declared areas, ensures clearing does not cause land degradation, prevents loss of biodiversity, maintains ecological processes, manages environmental effects, and reduces greenhouse gasses. This legislation provides a framework for decision making related to vegetation clearing and conversely provides direction for the management of the City's plant communities.

### **3.5.1.3 State Coastal Management Plan**

The State Coastal Management Plan (State Coastal Plan) describes how the coastal zone is to be managed. As a statutory instrument it has statutory effect under the *Coastal Protection and Management Act 1995* and guides relevant decisions by the State and local governments, and the Planning and Environment Court. The South-East Queensland Regional Coastal Management Plan (SEQ Coastal Plan) describes how the coastal zone within the South-East Queensland (SEQ) region is to be managed and provides direction for implementing the State Coastal Management Plan – Queensland's Coastal Policy and the SEQ Regional Plan.

The SEQ Coastal Plan identifies, protects and manages the important coastal resources and values through regional policies, a key coastal site, resource maps, the coastal management district and coastal building lines. State Coastal Policy 2.8 indicates policies for conserving nature, including:

- a) 2.8.1 Areas of State Significance (natural resources) - aligns with DEO2 of SEQ Regional Plan. This includes maintenance, restoration and protection of significant coastal wetlands (Moreton Bay), coastal dunes of North Stradbroke Island and endangered regional ecosystems.
- b) 2.8.2 Coastal Wetlands - outlines protection and maintenance of SEQ's coastal wetlands including Carbrook wetlands and wetland complexes within and adjacent to the southern Moreton Bay Islands.
- c) 2.8.3 Biodiversity – outlines the key issues effecting ecological and ecosystem functioning such as the loss, fragmentation and degradation of coastal resources including; riparian vegetation, coastal wetlands, shorebird habitat, fish habitat and fish migratory pathways, marine species habitat, and benthic communities.

### **3.5.1.4 Nature Conservation Act 1992**

The Nature Conservation Act 1992 (NCA) is based on principles to conserve biological diversity, ecologically sustainable use of wildlife, ecologically sustainable

development and international criteria developed by the World Conservation Union (International Union for the Conservation of Nature and Natural Resources) for establishing and managing protected areas.

The Act's object is the conservation of nature. It impacts the management of the city's protected areas and conservation reserves through influencing and conditioning:

- gathering, researching and disseminating information on nature, identifying critical habitats and areas of major interest, and encouraging the conservation of nature by education and co-operative involvement of the community;
- dedication and declaration of areas representative of the biological diversity, natural features and wilderness of Queensland as protected areas;
- management of protected areas;
- protection of native wildlife and its habitat;
- ecologically sustainable use of protected wildlife and areas;
- recognising the interest of Aborigines and Torres Strait Islanders in nature and their co-operative involvement in its conservation; and
- facilitating co-operative involvement of landholders.

### **3.5.1.5 Land Protection (Pest and Stock Route Management) Act 2002**

The Land Protection (Pest and Stock Route Management) Act 2002 provides a framework and powers for improved management of weeds, pest animals and the stock route network with the premise that weeds and pest animals:

- degrade natural resources;
- threaten conservation of biodiversity;
- threaten remnant vegetation;
- reduce rural production; and
- interfere with human health and recreational activities.

As such, Council is under obligations to manage declared plants and animals on land under its control and is provided with the powers to require the management of declared animals and plants of other lands.

### **3.5.1.6 SEQ Natural Resource Management Plan**

This plan has been developed to enable the community, industry and government to work together to manage our natural assets to ensure the liveability of SEQ is protected into the future. The SEQ NRM Plan establishes measurable regional targets for air and atmosphere, coastal and marine, community engagement, land, nature conservation, regional landscape, Traditional Owner engagement and water. The Plan influences the strategic management of the City's reserves by providing a range of Desired Regional Outcomes eg "By 2031, no net fragmentation of 2003 core tracts of vegetation and 20% of priority non core tracts are better connected". Source: [www.seqcatchments.com.au](http://www.seqcatchments.com.au).

### **3.5.1.7 Aboriginal Cultural Heritage Act 2003.**

The main purpose of this Act is to provide effective recognition, protection and conservation of Aboriginal cultural heritage. The following fundamental principles underlie this Act's main purpose—

- (a) the recognition, protection and conservation of Aboriginal cultural heritage should be based on respect for Aboriginal knowledge, culture and traditional practices;
- (b) Aboriginal people should be recognised as the primary guardians, keepers and knowledge holders of Aboriginal cultural heritage;
- (c) It is important to respect, preserve and maintain knowledge, innovations and practices of Aboriginal communities and to promote understanding of Aboriginal cultural heritage;
- (d) activities involved in recognition, protection and conservation of Aboriginal cultural heritage are important because they allow Aboriginal people to reaffirm their obligations to 'law and country';
- (e) there is a need to establish timely and efficient processes for the management of activities that may harm Aboriginal cultural heritage.

Management of cultural heritage issues is a significant obligation for a number of Councils reserves and directly influences the activities that occur.

### **3.5.1.8 Queensland Heritage Act 1992**

The object of this Act is to make provision for the conservation of Queensland's cultural heritage and, for that purpose—

- (a) to provide for the establishment of the Queensland Heritage Council;
- (b) to provide for the maintenance of a register of places of significance to Queensland's cultural heritage;
- (c) to regulate development of registered places;
- (d) to provide for heritage agreements to encourage the conservation of registered places;
- (e) to provide for the protection and conservation of submerged objects of significance to Queensland's cultural heritage;
- (f) to regulate the excavation of sites that contain, or may contain, objects of significance to Queensland's cultural heritage;
- (g) to provide appropriate powers of protection and enforcement.

As such, the Council should seek to achieve; the retention of the cultural heritage significance of the places and objects to which it applies, and the greatest sustainable benefit to the community from those places and objects consistent with the conservation of their cultural heritage significance.

## **3.5.2 Federal**

### **3.5.2.1 Environmental Protection and Biodiversity Conservation Act 1999 (includes Ramsar listed sites)**

The Environment Protection and Biodiversity Conservation Act 1999 (EPBC) lists threatened species, ecological communities and threatening processes. One of the major management considerations for Council is the management of RAMSAR wetlands which are listed under the EPBC.

## **3.5.3 International**

### **3.5.3.1 Ramsar**

Whilst Ramsar sites are listed under the EPBC, the Ramsar agreement provides Australia with the principles for protection of wetlands. The Convention on Wetlands is an intergovernmental treaty first adopted on 2 February 1971 in the Iranian city of

Ramsar, on the southern shore of the Caspian Sea. Thus, though nowadays the name of the Convention is usually written “Convention on Wetlands (Ramsar, Iran, 1971)”, it has come to be known popularly as the “Ramsar Convention”. Ramsar is the first of the modern global intergovernmental treaties on the conservation and sustainable use of natural resources.

The mission of the Ramsar Convention, as adopted by the Parties in 1999 and refined in 2002, is “the conservation and wise use of all wetlands through local, regional and national actions and international cooperation, as a contribution towards achieving sustainable development throughout the world”.

### **3.6 Management of Land by Tenure**

Land that is managed by Council may not necessarily be owned by Council. This alters the way in which we can manage a parcel of land and our associated legal obligations. Therefore, knowing the tenure of a piece of land is paramount in performing appropriate management actions. There are two main tenures which apply to land managed by Redland City Council, namely: freehold and non-freehold.

#### **3.6.1 Freehold**

Freehold is the right in a property to hold it with a perpetual right. In freehold right there is no limit of time to hold the property like in case of leasehold property. A freehold property lies with the title holder unless he transfers it of his own accord. Ownership by the titleholder is not absolute however, as the State is empowered to withhold certain rights, such as the right to any minerals or petroleum. In addition, use of the land may be controlled by legislation (e.g. the Local Government Act 1993).

#### **3.6.2 Non Freehold**

Non-freehold land is land under the control of the State of Queensland but which may be subject to a lease, permit or licence, reserved for a community purpose, dedicated as a road or subject to no tenure at all.

#### **3.6.3 Leasehold**

The Land Act 1994 outlines the processes to be undertaken when dealing with State land, which includes any restrictions which may apply to an occupier of such land. The development of State land follows a sequence of allocation, regulation and management, as follows:

- the State allocates land to a potential user for specified uses;
- State departments, local government or some other public authority regulate activities in accordance with their own specific powers (e.g. the power to grant development approvals); and
- the land-holder (Council in this case) manages the allocated land in accordance with the conditions of the lease which covers the land.

The State may deal with unallocated State land in several ways. Depending on the circumstances, it may:

- lease land for a term of years or in perpetuity, or, in the case of a temporarily closed road, issue a licence allowing the land to be used in specified ways;

- issue a permit allowing a person to occupy the land on a short-term basis;
- sell the land as freehold;
- reserve the land for community, forest or conservation purpose (e.g. to be used as a park, State forest or national park, or for sport and recreation);
- dedicate the land as a road; and
- retain the land as unallocated State land.

### **3.7 Management of Land in Trust**

The Land Act enable unallocated State land to be dedicated as a reserve or granted in fee simple in trust for community purposes; and ensure that reserves and land granted in trust are properly and effectively managed. Trust land is State owned land administered by a State agent but managed under trusteeship by local government or other incorporated body.

- General management

For day-to-day management, trust land is generally in the care of trustees. These are often the local government, but can also be groups such as a showgrounds trust or an incorporated sporting association. Trustees are responsible for managing the land subject to the provisions of the *Land Act 1994*. In essence, the trustee is responsible for identifying and managing the social, environmental and economic values of trustee land. A member of the public has the right to use this land for the purpose for which it was set aside.

- Revocation of trust land

Permission is required from NRW before a trust can be revoked or cancelled, and there must be a good reason for this (e.g. equally good local land made available elsewhere for a reserve). Native title may continue to exist on trust land, so no change can take place other than in accordance with state and federal native title laws.

- Public use

A member of the public has the right to use trust land for the purpose for which it was set aside. However, the precise details of this use are governed by laws (by-laws or local laws) made by the trustees. For example, by-laws may prohibit playing golf on a reserve in the interests of the safety of people using it for walking.

- Local Laws apply

Where the trustee is the local government, activities on the land are governed by local laws made by that government.

Trustees other than a local government may adopt model by-laws. For a copy of the by-laws that apply to a reserve or deed of grant in trust, contact the trustees.

- Right to lease

A trustee may also lease some or all of the land, or permit it to be occupied, and the State may lease a reserve or issue a permit over a reserve. This gives the lessee certain rights (e.g. though a member of the public may have the right to walk their dog on leased trust land, they do not have the right to enter a building constructed on that land).



Any lease must be consistent with, or must not diminish the purpose of the reserve. Generally, rent obtained from a trustee lease must be used to maintain or enhance the trust land.

- Entry to trust land

A person must not, other than under the authority of the trustee, drive a vehicle on to or from the trust land, unless—

- (a) a regulatory notice designates a gateway or opening as a place for vehicles to enter and leave the trust land; and
- (b) the person drives the vehicle through the gateway or opening.

- Behaviour

A person must not—

- (a) act in a way or do anything that unreasonably disturbs, or is likely to disturb, another person's peaceful use of the trust land; or
- (b) other than under the authority of the trustee, display, distribute, drop, scatter or throw down a handbill, ticket, notice or any other kind of literature on the trust land.

- Lighting fires

A person must not, on the trust land, light, keep going or use a fire other than in a fireplace or barbecue supplied by Council for the use of fire unless the person lights or uses a fire in a barbecue, stove or other appliance specially constructed for containing a fire; and the use of the barbecue, stove or other appliance is agreed to by Council.

- Litter

A person must not put, or allow to be put, litter on the trust land unless it is put in a receptacle installed on the trust land for receiving litter.

- Activities causing damage to trust land or improvements

A person must not, other than under the authority of Council, damage or interfere with—

- (a) soil, gardens or turf on the trust land; or
- (b) plants growing on the trust land; or
- (c) improvements, signs or equipment on the trust land.

This section does not apply to damage of or interference with trees.

There are a number of types of trust land such as, 'Buffer, Public Open space, for which the permitted activities have been identified. **As such, any actions that take place on trustee land which may affect the purposes for which it is intended must be approved by the State agent.**

For example, Blakesleys Slip is trustee land and is designated as a Reserve for Park and recreation purposes in this case no camping is allowed but overnight camping may be allowed in emergency situations (due to its location).

### **3.8 Land Managed under the Nature Conservation Act**

#### **Coordinated Conservation Areas**

These are areas such as Nature Conservation Act listed land (Nature refuges and Conservation Parks) and Coordinated Conservation Areas. This type of land can be freehold or State land and may be managed by a number of parties. Under the Nature Conservation Act 1992, an area of land can be declared as one of four classes of protected areas – National Park (scientific), National Park, Conservation Park or Resources Reserve. Generally conservation parks are declared over areas which make an important contribution to nature conservation at the regional or local level. Whilst a Conservation Park is managed to conserve the areas cultural and natural values and natural condition, in some cases ecologically sustainable use of some natural resources might be allowed.

#### **4 NATURAL AREA MANAGEMENT OBJECTIVES AND STRATEGIES**

The following table identifies a broad range of issues, objectives and strategies for managing the broad biodiversity values of Council's nature reserve areas. These reflect the Biodiversity Policy and Strategy 2008-2012. The Biodiversity Policy and Strategy should be referred to before undertaking specific actions.

**Table 1. Objectives and Strategies**

<b>Issue</b>	<b>Objectives</b>	<b>Strategies</b>	
<b>Maintenance priority</b>	'Core areas' of high ecological integrity must be prioritised for maintenance.	Ensure no net loss in ecological integrity of core areas through prioritised weed and pest management actions	
<b>Vegetation management</b>	Retain, protect and increase the distribution, abundance and diversity of native plant species and communities/Regional Ecosystems presently existing within the reserve (Minimum 30%)	Consider ecological requirements of any significant species	
		Ensure fire management aims to maintain species diversity and community processes	
		Establish monitoring sites	
		Encourage research by students and local environmental groups	
		Determine most appropriate method of weed control (e.g. hand clearing, mechanical clearance, use of chemicals, use of fire)	
		Encourage natural regeneration	
		Supplement with revegetation where necessary	
		Selective replanting	
		Regeneration and increase in extent of REs (Regional Ecosystems)	
		Regeneration of non- remnant regional ecosystems	
		Maintain or re-establish indigenous vegetation and Regional Ecosystems	Identify sites in nature areas for revegetation to original RE types Investigate opportunities for revegetation of land adjacent to reserves
		Control weed invasion	Undertake actions from PMP and VES in a systematic program of weed management
Minimise the causes of weed invasion	Identify and manage risk for sources of weed stock		
Control declared noxious and environmental weeds	Undertake actions from PMP and VES in a systematic program of weed management		
Retain trees with hollows	Identify and GPS trees with hollows and provide protection		

Conservation Land Management Strategy 2010

	Ensure areas designated to be handed over to council meet standards as set of the Vegetation Enhancement Strategy	Undertake pre-handover audit of developer contribution property coming to Council 'off maintenance'
	Provide a full set of Regional Ecosystem data for each conservation property	Undertake collation archive data such as hard copy reports.
	Ensure vegetation loss is offset	Any native vegetation that is removed from Council nature areas must be offset with new planting as per VES per metre of tree height of the appropriate RE
<b>Riparian corridors</b>	Support riparian protection and restoration practices	A minimum of 100 metres buffer on both sides of watercourse
<b>Endangered/ vulnerable and threatened species</b>	Identify specific threats to E/V/R species	Undertake risk assessment and management where E/V/R species are known or suspected.
	Assess areas for potential E/V/R species habitat suitability	Based on Environmental Education research, identify potential sites for inclusion of E/V/R propagules
<b>Fauna</b>	Deal with current threats to the distribution and abundance of wildlife	<ul style="list-style-type: none"> <li>❖ Consider the needs of significant species in fire and weed management</li> <li>❖ Conduct animal surveys and monitoring work</li> <li>❖ Encourage work by students and local environmental groups</li> <li>❖ Encourage the growth of habitat</li> <li>❖ Maintain buffers between conservation zone and urban dwellings</li> </ul>
	Ensure the longer-term survival of native animal populations	
	Minimise the adverse effects of feral and domestic animals	<ul style="list-style-type: none"> <li>❖ Undertake systematic data collection and prioritised management of pest species populations</li> </ul>
<b>Fire</b>	Maintain maximum species diversity with the use of fire	<ul style="list-style-type: none"> <li>❖ Monitor fuel levels</li> <li>❖ Maintain firebreaks/buffers</li> <li>❖ Ensure best practice fire trail design</li> <li>❖ Use control burning to reduce risk</li> <li>❖ Undertake ecological burning</li> </ul>
	Avoid putting any visitors or neighbours at risk	Undertake and regularly update fire break maintenance that is consistent with fire management planning
	Minimise occurrence and impact of wildfire to reserve and adjoining properties	Undertake fire break maintenance that is consistent with planning measures

## Conservation Land Management Strategy 2010

<b>Cultural heritage</b>	Protect and manage any items or areas of Aboriginal or European heritage significance	<ul style="list-style-type: none"> <li>❖ Seek expert advice on the specific management needs of cultural heritage items or areas</li> <li>❖ Encourage interested groups to participate in management</li> </ul>
	Consult with indigenous traditional owners and other heritage organisations	<ul style="list-style-type: none"> <li>❖ Incorporate knowledge into management actions</li> <li>❖ Refer to Cultural Management Agreements and plans for the management of cultural heritage. Refer Section 7.16 for more information</li> </ul>
<b>Recreation</b>	Provide recreational opportunities where possible without compromising conservation values or visitor safety	<ul style="list-style-type: none"> <li>❖ Monitor visitor impact</li> <li>❖ Monitor condition of facilities for risk management</li> <li>❖ List the range of recreational pursuits that may be permitted and are consistent with the environmental limits of the area</li> <li>❖ Undertake 'whole of reserve estate' planning for recreation opportunities</li> </ul>
<b>Water quality</b>	Maintain or improve water quality	<ul style="list-style-type: none"> <li>❖ Perform basic water quality testing at regular intervals</li> <li>❖ Support actions for water quality under the Biodiversity Strategy</li> </ul>
<b>Erosion</b>	Minimise erosion	<ul style="list-style-type: none"> <li>❖ Monitor and control erosion.</li> <li>❖ Aim to maintain vegetative cover on very steep, erosion-prone slopes during prescribed burns.</li> <li>❖ Consider possible erosion problems before any construction is undertaken taking into account the slope, soil type, local climate and potential uses</li> </ul>
<b>Education and interpretation</b>	Ensure that visitors and the community appreciate, and are aware of, the natural values of the area and the importance of protecting these values	<ul style="list-style-type: none"> <li>❖ Install, or upgrade, interpretive signs</li> <li>❖ Encourage participation in community environmental groups</li> </ul>
<b>Weed plants</b>	Undertake prioritised management of weeds that is consistent with the principles of the VES and the PMP	<ul style="list-style-type: none"> <li>❖ Undertake weed eradication in manageable areas and involve volunteers and community groups</li> <li>❖ Educate local residents about the dumping of garden waste and other rubbish</li> <li>❖ Remove dumped garden waste and other rubbish as a matter of priority</li> <li>❖ Increase public awareness of environmental weeds</li> </ul>
<b>Introduced animals</b>	Reduce threatening processes due to pests.	<ul style="list-style-type: none"> <li>❖ Develop an education program about the need to control domestic animals and their possible effect on native wildlife</li> <li>❖ Erect and maintain boundary</li> </ul>

		<p>fencing where appropriate</p> <ul style="list-style-type: none"> <li>❖ Explore methods of control, e.g. baiting, trapping, etc.</li> <li>❖ Educate local residents and visitors about the impacts of domestic pets on wildlife</li> </ul>
<b>Plan implementation and monitoring</b>	Ensure that the Management Plan is implemented efficiently	<ul style="list-style-type: none"> <li>❖ Identify and develop electronic system for managing nature areas site data</li> </ul>

## **5 MANAGEMENT AREA DESCRIPTIONS**

To ensure that the conservation values highlighted in the Strategic Plan are recognised in natural areas under Council control, conservation land in the City is categorised into different types with broad intents stated for each type. This will ensure that when new areas are being classified and named, they meet certain criteria for that type of reserve. Further, when specific management practices are undertaken on a piece of reserve land, the actions will be consistent with the relevant intents for that type of reserve land. For this purpose, the following 10 descriptors and broad intents have been devised. The last two categories of Drainage Reserves and Road Reserves are not generally included in the 'conservation' estate. However, these reserve types are included as they have been recognised as having significant value and contribution to biodiversity planning and management for the city.

It is important to note that all ecological areas, (core, non-core and fragmented) are intrinsically important and aid Koalas and other fauna movement through both the urban and rural environment. However, the way in which area types are prioritised and managed may be different due to the prevalence of specific pressures common to that area type. This might include disturbance, edge effects or resilience.

### **5.1 Conservation Areas and Conservation Parks**

This category includes Conservation Areas (CA) and Conservation Parks (CP) and Coordinated Conservation Areas (CCA) which are essentially managed the same. The main difference between them is that a CP and CCA are listed under the NCA. Bayview Conservation Park is the only CP area in the City is managed by Council but DERM may need to be consulted if certain management actions are undertaken which fall outside the scope for which the area was listed. Examples of CCA's are Don and Christine Burnett Coordinated Conservation Area and Ford Road Conservation Area. These areas involve a number of stakeholders including Queensland Parks and Wildlife Service, DERM, Logan City Council and Redland City Council. This means that partner consultation may be required regarding some management decisions.

#### **DESCRIPTION**

The primary function of CA's and CP's and CCP's is the conservation (protection, maintenance and monitoring) of natural communities, ecosystems, habitats and environmental features.

In general, these areas exhibit either one, or all, of the following features:

- Trusteeship or owned and managed council (conservation areas);

- Partly owned and managed by Council (coordinated conservation area);
- Listed under the Nature Conservation Act 1992 (Conservation Park);
- Mostly owned by State;
- Greater than 15 hectares in area, i.e. large area of land;
- Significant habitat areas that have that have high ecological integrity and capacity to support self sustaining ecosystems including those habitats for macrofauna;
- May contain rare or threatened fauna and/or flora species;
- Minimal disturbance but can include small patches of degradation associated with weeds, pests, erosion, development, etc);
- Access generally restricted and managed;
- May contain rare and threatened plant and animal communities eg Regional Ecosystem types; and
- Managed mainly for ecosystem conservation and recreation. A natural area of land, designated to:
  - a) protect the ecological integrity of one or more ecosystems for this and future generations;
  - b) exclude exploitation or occupation detrimental to the purposes of designation of the area; and
  - c) provide a foundation for spiritual, scientific, educational, recreational and visitor opportunities, all of which must be environmentally and culturally compatible.

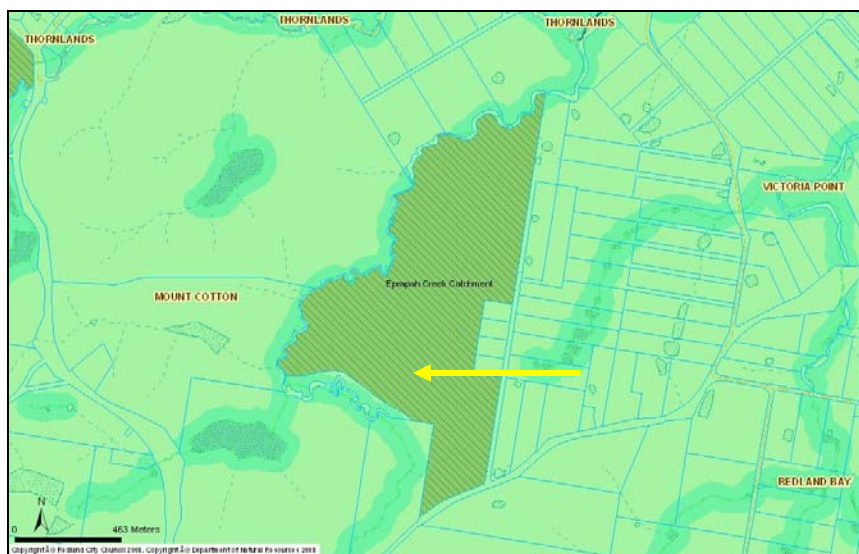


Figure 4. Example of Conservation Area

### FUNCTION- CORE

The primary function of Conservation Areas is the conservation (protection, maintenance and monitoring) of natural communities, ecosystems, habitats and environmental features.

### ISSUES

- Conservation of rare and threatened species
- Generally access managed on tracks primarily sited for fire management purposes
- Terrestrial weed management
- May include areas disturbed as a result of previous land use

- Fire management for the conservation of biodiversity and protection of adjoining property

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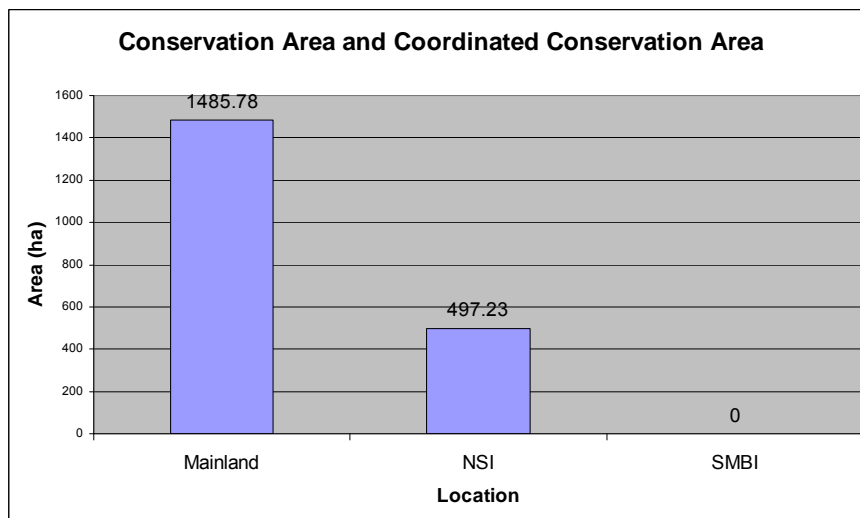


Figure 5. Distribution of Conservation Areas

## 5.2 Nature Refuge

### DESCRIPTION

In general, these areas exhibit either one, or all, of the following features:

- An area declared under the Nature Conservation Act 1992 as a Nature Refuge;
- This is the lowest tier of protection under the NCA although the specific property in the Redland City has values akin to 'conservation areas'
- Generally freehold tenure;
- Is based on a voluntary agreement between a landholder and the Queensland Government that acknowledges a commitment to preserve land with significant natural and/or cultural heritage values in perpetuity. Each nature refuge agreement is negotiated directly with the landholder and tailored to suit their management needs;
- Allows sustainable activities that do not impact on the reasons for which the area was listed;
- Listing as a nature refuge under the NCA does not alter tenure;
- These areas are jointly managed through agreement between the Queensland Government and Redland City Council and thus major decisions impacting the management of the area requires approval of State also.





Figure 6. Nature Refuge

### FUNCTION- NON -CORE

In general, a Nature Refuge is to be managed to:

- Conserve the area's significant natural resources;
- Provide for the controlled use of the areas natural resources;
- Provide for the interests of landholders to be taken into account;
- May be made up of specific management areas such as:
  - **Scientific Conservation Area-** To protect and conserve the areas of significant conservation value by restricting access to these areas.
  - **Conservation Corridor-** To provide for fauna movement while allowing for pedestrian/cyclist movement between adjacent residential properties along designated trails
  - **Eco- Adventure Area-** To provide for bushland based education and recreation whilst maintaining the conservation values of the area.
  - **Fire Management Strip-** To provide a 3 to 5 metre wide management strip adjacent to private property boundaries, and to provide access for general maintenance and fire management purposes.

### ISSUES:

- The values for this area and the partial ownership by the Queensland Government indicates that this area should be upgraded to a Conservation Park;
- Conservation of rare and threatened species;
- Generally access managed on tracks primarily sited for fire management purposes;
- Terrestrial weed management;
- May include areas disturbed as a result of previous land use; and
- Fire management for the conservation of biodiversity and protection of adjoining property.

## DISTRIBUTION

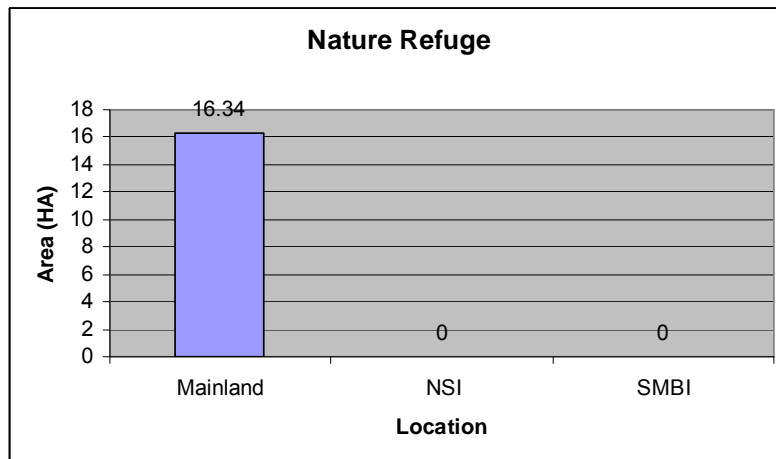


Figure 7. Distribution of Nature Refuge

## 5.3 Bushland Refuges

### DESCRIPTION

Generally, Bushland Refuges exhibit the following features:

- Between 1 and 15 hectares in area;
- Significant habitat areas that have that have good ecological integrity but reduced capacity to support self sustaining ecosystems;
- May be discrete patches of bushland isolated from other patches;
- Have limited resilience to buffer populations from disturbance events such as natural events and urban pressures (eg. Dumping, illegal tracks, erosion, vandalism, weed invasion etc);
- Edge effects are high potential;
- Mostly existing remnant vegetation in fragmented rural or urban landscapes;
- Access may be restricted or managed in some site-specific instances, but mostly unrestricted;
- May provide critical habitat for a particular species;
- May provide habitat “islands” within developed areas, or have future potential for conservation.



Figure 8. Example of Urban Habitat

### FUNCTION- NON-CORE

1. The primary function of Bushland Reserves is related to conservation of specific values (e.g. preservation of a single species, potential for habitat link, communities or regional ecosystems) through management intervention.
2. Area of land subject to active intervention for management purposes so as to ensure the maintenance of habitats and/or to meet the requirements of specific species.
3. Informal recreation where it does not impact on conservation values.

### DISTRIBUTION

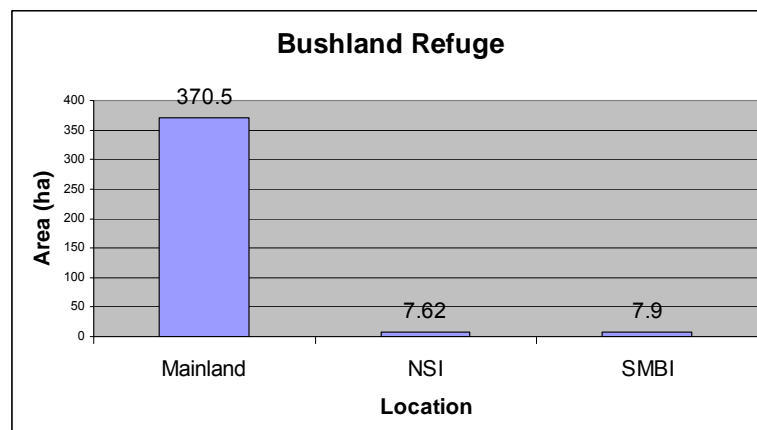


Figure 9. Distribution of Bushland Refuge

## 5.4 Nature Belt

### DESCRIPTION

In general, these areas exhibit either one, or all, of the following features:

- Usually 1-5 ha in area;
- Linear strips or 'stepping stones' of natural, near-natural or modified habitat that may be broken by other forms of landuse and often have open areas adjacent to them;
- Serve as a habitat link between conservation land or creek corridors, or as a link through suburban areas that enables native species to disperse into habitat areas;
- Serve to link across catchments, that is, they do not follow and incorporated watercourses or drainage lines;
- May consist of 'stepping stones' of vegetation within the landscape;
- Significant habitat areas that have that have varying ecological integrity but reduced capacity to support self sustaining ecosystems;
- Have limited resilience to buffer populations from disturbance events such as natural events and urban pressures (eg. dumping, illegal tracks, erosion, vandalism, weed invasion etc); and
- High potential edge effects.

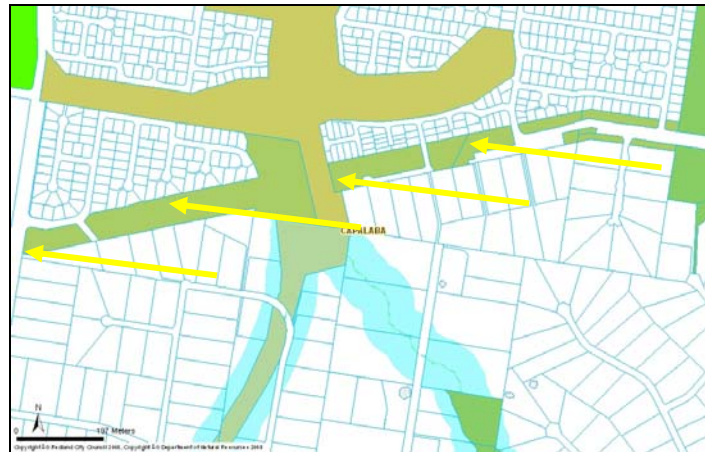


Figure 10. Example of Nature Belt

### FUNCTION- FRAGMENTED

The main purpose of Nature Links is to accommodate and allow for fauna movement from one habitat to another. Nature Links will also have secondary functions, such as:

1. Providing habitat, cover and refuge for fauna in their own right;
2. Supplementing/supporting corridor frameworks identified at regional and sub-regional levels;
3. Providing pathways for dispersal of native flora species; and
4. Allows for informal recreation.

### DISTRIBUTION

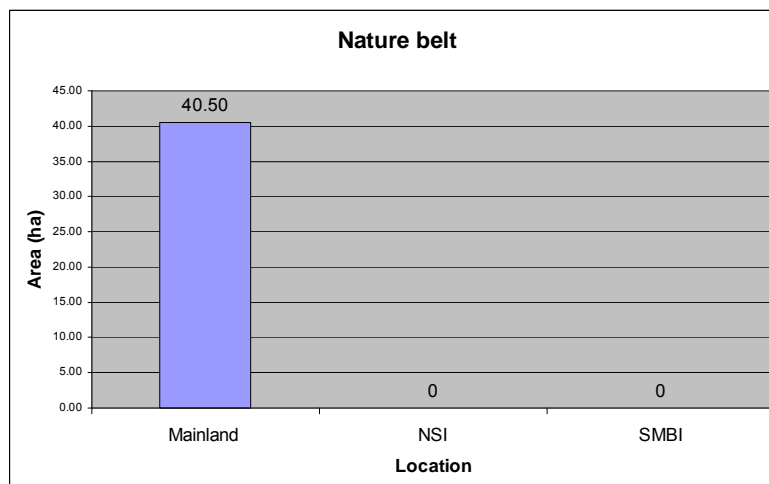


Figure 11. Distribution of Nature Belt

## 5.5 Creek Corridor

### DESCRIPTION

In general, these areas exhibit either one, or all, of the following features:

- Creek corridors include riparian and terrestrial vegetation;
- Along the city's creek systems;
- Creek Corridors contain significant areas and may contain rare and threatened species and community types;
- May be associated with or adjacent to open space areas;

- Often contain species at limits of their environmental range;
- May include areas disturbed as a result from previous land use;
- Varying degrees of stability (erosion and stream channel changes);
- Aquatic and terrestrial weed management issues;
- Storm water management infrastructure (eg outflows from surrounding areas);
- Adjoining development impacting on edges (eg dumping view pruning, weed invasion from garden escapees); and
- Fire management for the conservation of biodiversity and protection of adjoining property.

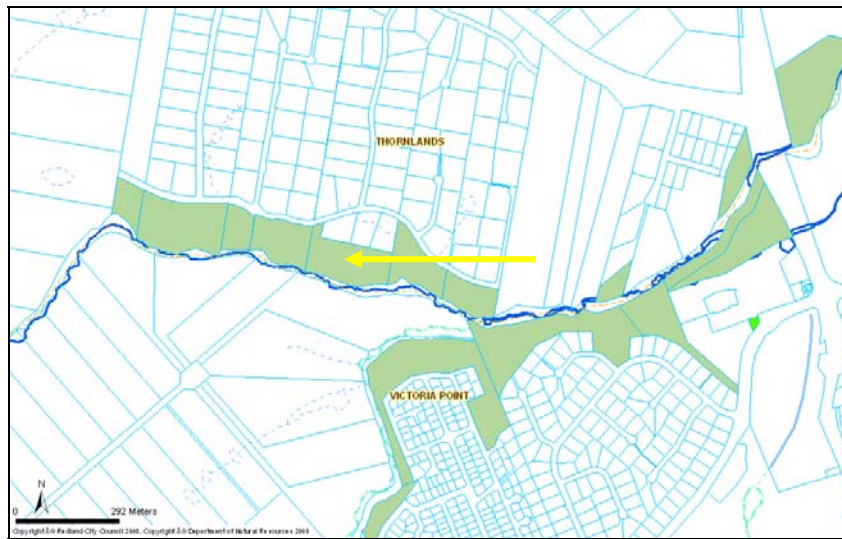


Figure 12. Example of Creek Corridor

#### FUNCTION- CORE

- Protection of water quality and the conservation of riparian vegetation and significant species and habitats.

#### ISSUES

- Protection of water quality;
- Management of stormwater;
- Aquatic and terrestrial weed management;
- Adjoining development impacting on edges (eg dumping, view pruning, weed invasion);
- May include areas disturbed as a result of previous land use;
- Fire management for biodiversity purposes and property protection;
- Climate change impacts;

## DISTRIBUTION

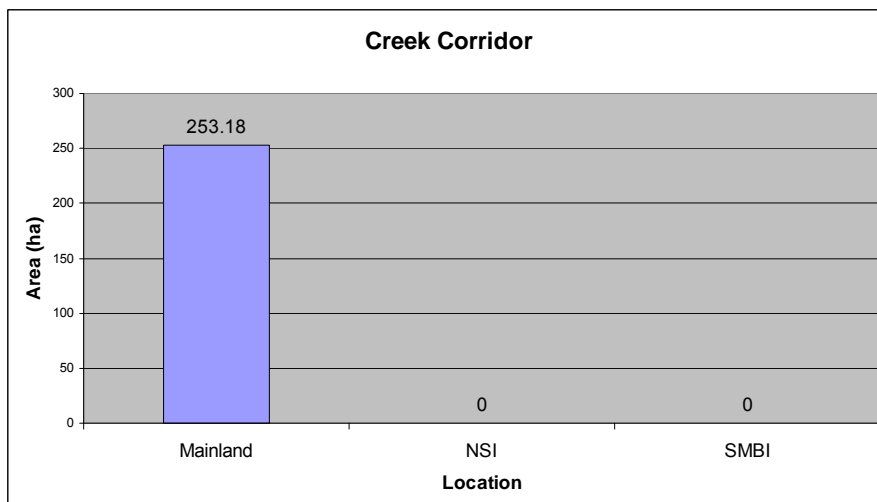


Figure 13. Distribution of Creek Corridors

## 5.6 Urban Habitat

### DESCRIPTION

In general, these areas exhibit either one, or all, of the following features:

- Less than 1 ha in area;
- In general, an urban habitat includes those RSC managed lands that can contribute to the promotion of indigenous flora for habitat enhancement purposes;
- Areas indicated as urban habitat will usually provide a primary function other than conservation;
- May be patches of remnant or non remnant vegetation which may or may not be linked;
- Limited habitat value for a small range of species;
- May be formed as part of development process (developer contribution); and
- Site significance may be related to specific species, habitat, or landscape values eg large koala habitat trees.



Figure 14. Example of Urban Habitat

### FUNCTION- FRAGMENTED

- Integration of vegetation within available open space;
- Management of street trees;
- Realised and potential environmental value for koalas and revegetation.

### DISTRIBUTION

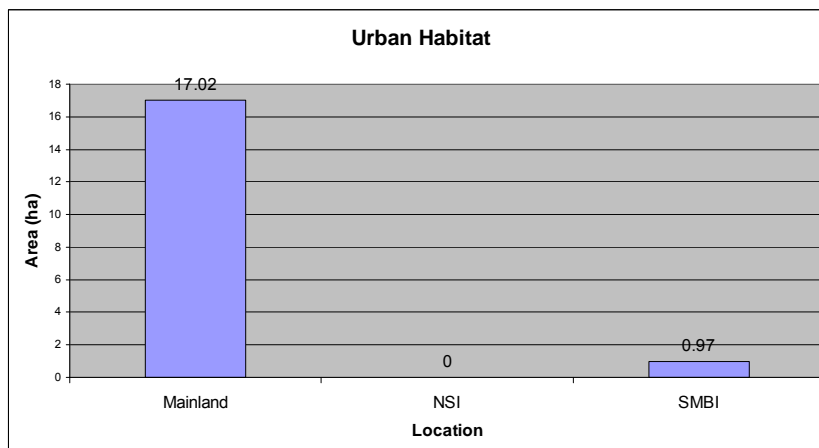


Figure 15. Distribution of Urban Habitat

### 5.7 Conservation Coastal Foreshores

### DESCRIPTION

In general, these areas exhibit either one, or all, of the following features:

- Areas directly adjacent to Moreton Bay that support coastal vegetation;
- Foreshores may include the land lying between the high water mark and low water mark as is ordinarily covered by the ebb and flow of the tide at spring tides and the terrestrial land located adjacent to the above;
- Potential to be significantly impacted by climate change (See Section 7.14- climate change);
- A significant proportion this category is found on NSI;
- Three main categories:
  1. Those attached to areas of high integrity eg many areas of NSI
  2. Those attached to recreation open space eg Wellington Point reserve.
  3. Those serving primarily as functional zones and highly modified

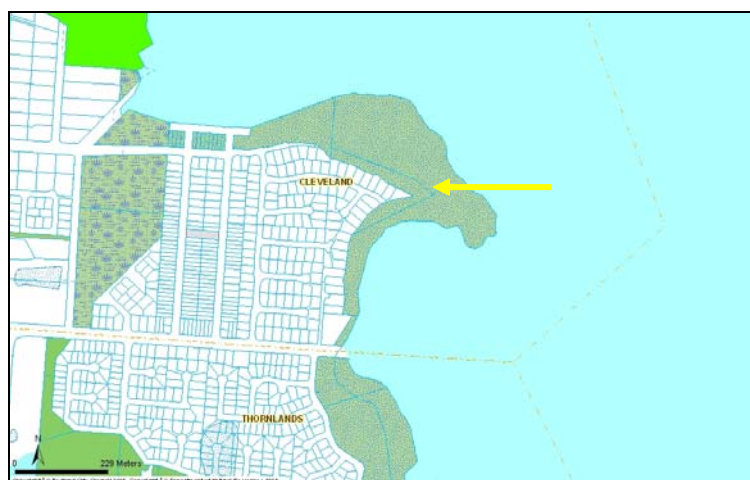


Figure 16. Example of Conservation Foreshore

### FUNCTION- CORE

- To provide protection of the interface between the terrestrial and marine environment, while also recognising the high recreational pressures placed on these areas.

### DISTRIBUTION

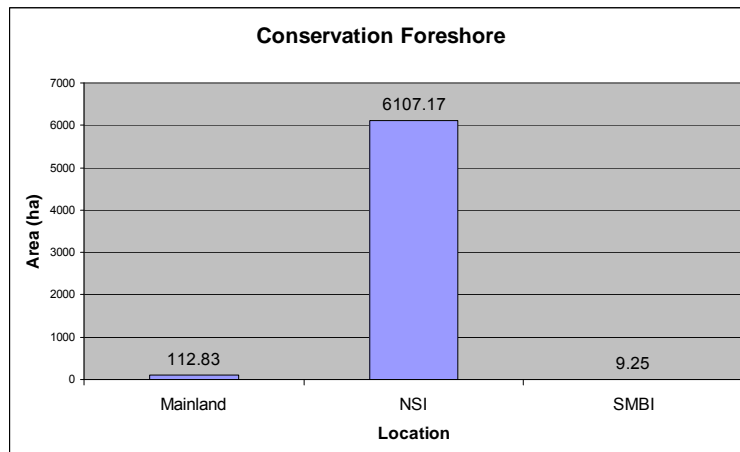


Figure 17. Distribution of Conservation Foreshore.

## 5.8 Wetlands

### DESCRIPTION

In general, these areas exhibit either one, or all, of the following features:

- Areas covered substantially or wholly by a body of water and representative of vegetation types;
- Land is regularly or intermittently inundated with water that is static or flowing, fresh, brackish or salt;
- Supports an assemblage of plant and animal species;
- Includes coastal wetlands (mangrove forests, salt marshes, dune lakes, lagoons, lakes, swamps);
- Includes riverine wetlands (billabongs, overflows or backswamps, anabranches, channels and ephemeral wetlands of inland waterways); and
- Includes International RAMSAR listed wetlands.



Figure 18. Example of Wetland



## FUNCTION- CORE

The primary function of wetlands is to support an appreciable number of plant and animal species (or individuals) and, in particular, to provide a nursery and breeding grounds for waterbirds and aquatic animals. These areas also provide an essential ecosystem service in improving water quality.

## DISTRIBUTION

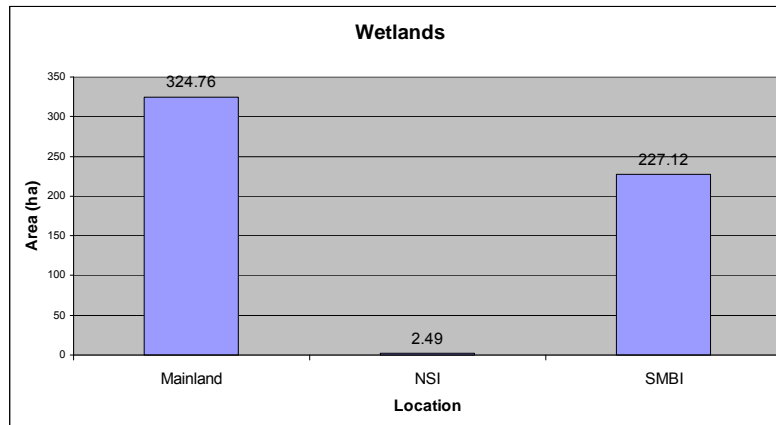


Figure 19. Distribution of Wetlands

## 5.9 Drainage Reserve

### DESCRIPTION

In general, a drainage reserve is an area which exhibits one or more of the following:

- Used for drainage of surrounding areas;
- Natural, highly modified or man made system;
- Salt or fresh water;
- Sparse to highly vegetated;
- May link wetland areas;
- May be utilised by aquatic and terrestrial fauna;
- Aquatic and terrestrial weed management issues;
- May be attached to other conservation areas;
- May be associated with path and track systems; and
- Is associated with 'flood constrained' mapping.



Figure 20. Example of Drainage Reserve

## FUNCTION- FRAGMENTED

- Management of water flow and quality associated with conservation and enhancement of the City's natural communities, ecosystems habitats and environmental values.
- Forms the basis for strategic revegetation for improving wildlife movement and increasing extent of remnant vegetation communities. However revegetation should not compromise the primary function of drainage.
- Has a role to play in management of water quality.

## DISTRIBUTION

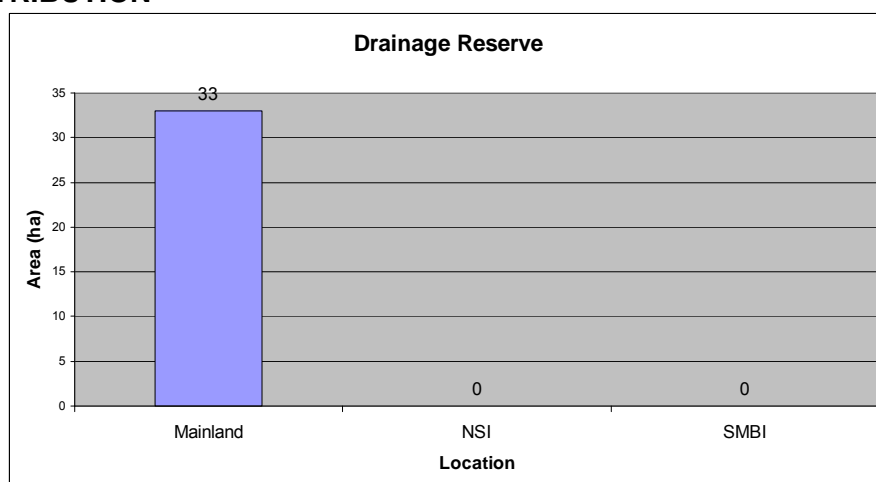


Figure 21. Distribution of Drainage Reserves

## 5.10 Road Reserve

### DESCRIPTION

Road reserve is an area which exhibits one or more of the following:

- A gazetted Local or State Rd;
- May or may not currently be formed roads;
- May or may not become formed roads;
- May be concrete bitumen, gravel, track and may or may not be curbed;
- Formed roads may fragment adjoining consolidated bushland areas;
- May facilitate or reduce fauna movement;
- May be in un-vegetated state to having complete canopy closure over road;
- May show a range of erosion management states from good to poor;
- May be used for fire management purposes;
- May have varying verge widths;
- Incorporate power, communications and drainage infrastructure.

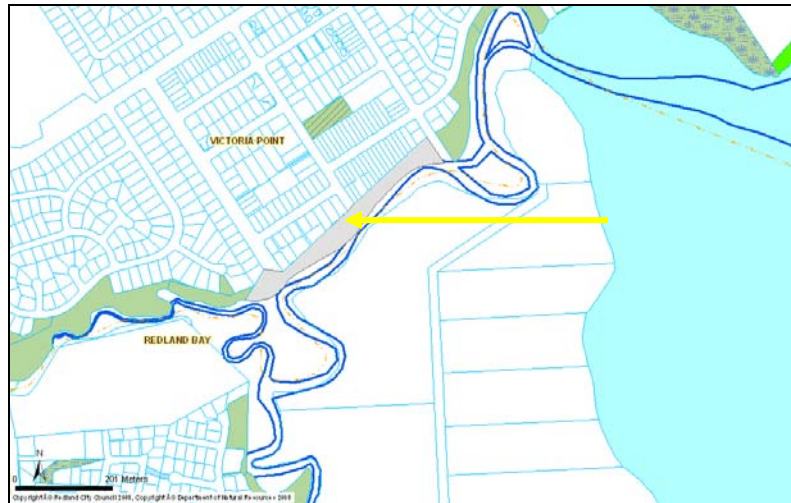


Figure 22. Example of Road Reserve

**FUNCTION- FRAGMENTED**

- Meeting city infrastructure requirements with integration of biodiversity conservation values where possible.
- Facilitation of fauna movement.
- Value as areas for revegetation through assessment and closure of non-required roads.

**DISTRIBUTION**

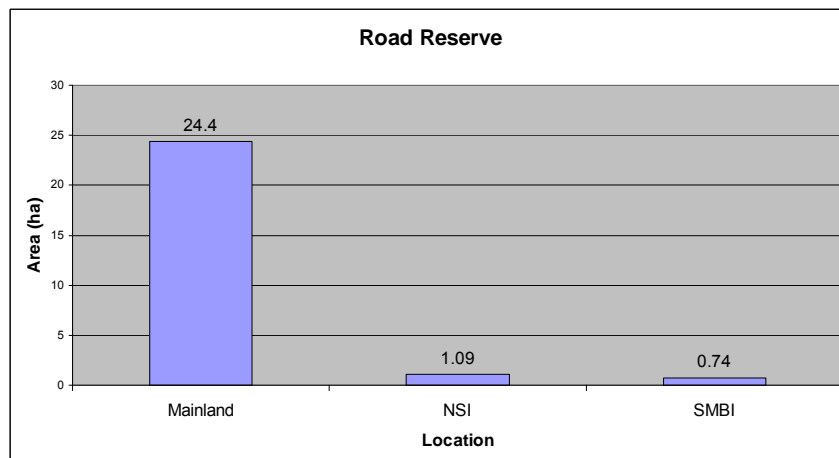


Figure 23. Distribution of Road Reserves

## 6 CRITERIA FOR NAMING AND CLASSIFICATION OF RESERVES

Table 2. Criteria for Naming and Classifying Reserves

Attribute	Criteria	Conservation Area	Nature refuge	Bushland refuge	Nature Belt	Creek Corridor	Urban Habitat	Conservation Foreshore	Wetlands	Drainage Reserve	Road Reserve
Size		>15ha	> 15ha	1-15ha	1-5ha	Usually > 15ha	< 1ha	variable	variable	variable	variable
Shape		variable	variable	Usually patches	linear	linear	Usually patches	Linear -may vary greatly in depth	variable	linear	linear
Dominant landform	Type and %	Terrestrial 90% although it may also include creek corridors	Terrestrial 70-90% although it may also include creek corridors	Terrestrial 90% although it may also include creek corridors	Terrestrial	Water course 80% but includes terrestrial buffer either side of watercourse	Terrestrial 90% although it may also include creek corridors	Littoral zone and associated vegetation communities 90%. (marine wetland, dunal and rainforest)	80-90% marine or freshwater wetland community types	80-90% natural or manmade drainage landforms	Terrestrial 95% formed or unformed roads with crossings at creek and drainage lines
Ecological integrity	H/M/L	H	H	M	M	H	L	M	H	L	L
Self sustaining habitat	H	H	H	M	L	H	L	M-H	H	L	L
Disturbance eg dumping, illegal tracks, erosion, vandalism	H/M/L	L-M	L-M	M-H	H	M	H	M	L	M-H	H
Access restriction	H/M/L	H	M	L	L	M	L	M	H	L	L
Legislation	Type	NCA	NCA						EPBC/		

Conservation Land Management Strategy 2010

		(conservati on park)							RAMSAR		
Edge effects	H/M/L	L	M	H	H	H	H	H	M	H	H
Potential for Rare threatened species	H/M/L	H	M-H	L	L	M-H	L	M-H	H	L	L
Remnant vegetation REs present	H/M/L	H	M-H	M	L-M	H	L	M-H	H	L	L
Isolation	H/M/L	L	L	M-H	H	L	H	M	M	H	H
Resilience	H/M/L	H	H	L	L	M	L	M	M	L	L
Critical species habitat	H/M/L	M-H	H	M	L	H	L-M	M	M-H	L	L
Modification	H/M/L	L	L	M	M-H	L-M	H	M	L	H	H
Habitat	Core/Link	Core	Core	Link	Stepping stone	Link	Link/ stepping stone	Link/Core	Core	Link	Link

**Decision criteria:**

- Acceptance of a reserve type should be based on the area meeting at least 10 criteria
- Areas listed under the NCA will be named as either Bushland Reserve or Conservation Area (Park)

## 7 MANAGEMENT PRINCIPLES AND PRACTICES

### 7.1 General management

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

#### 7.1.1 Trustee land

**Principle 1:** Any actions that take place on trustee land which may affect the purposes for which it is intended must be approved by the State agent.

#### 7.1.2 Open Space Strategy

The Redland Shire Council's Open Space Plan 2004 - 2016 provides a framework for the planning and management of the Shire's open space network, including all recreation and sporting open space. It identifies requirements for local, district and regional parks in the city.

**Principle 2:** Actions taking place or planned for reserves must consider and integrate open space values where appropriate.

### 7.2 Administration of Reserves

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** All activities Subject to Local Law 15 that are to occur in Council reserves must be approved by Operations and Maintenance and Environmental Management Group to ensure biodiversity values and legislative and policy obligations are being met. Some activities subject to LL No.15 (Parks and Reserves) are golf, archery and public meetings.

**Principle 2:** All projects should be assessed against Council strategic direction and policy position.

**Principle 3:** Works in reserves will be undertaken and scheduled to provide a strategic, cohesive, efficient and mutually beneficial management of effort and resources. This necessarily requires internal consultation.

**Principle 4:** All data and information will be recorded for works undertaken in each reserve.

**Principle 5:** A yearly audit of all works including restoration works and reserve maintenance should be undertaken via the data management system.

**Principle 6:** Audits should be used as the basis of 'State of the Environment' reporting.

**Principle 7:** Audits should be used to inform capital and operation works programs.

**Principle 8:** DERM should be notified regarding any actions or impacts to Nature Refuges.

### 7.3 Compliance activities

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y		Y			

Local Law 15 (Parks and Reserves) acts as the head of power for management of Councils reserves. A range of unlawful activities do occur in Council reserves such as dumping, motorbike use and damage to vegetation. These can have a detrimental effect on biodiversity and impact on other users. The management actions that are undertaken to mitigate unlawful activities depend on the type of unlawful activity and the scale to which it is occurring.

#### 7.3.1 General compliance process

**Principle 1:** Education and promoting ownership/stewardship of reserves should be seen as the first option for management of unlawful activities.

**Principle 2:** Compliance should be seen as the second option for management of unlawful activities.

**Principle 3:** Surveillance and site alteration (eg fencing) should be seen as the third option for management of unlawful activities.

**Principle 4:** Where unlawful activities are occurring, increasing public surveillance through providing infrastructure (such as paths) should be considered as a further management option. For example, it has been shown that installation of pathways to increase public traffic reduces the incidence of unlawful activities occurring in that area.

### 7.3.2 Specific issues- vegetation damage

**Principle 5:** Where unlawful activities relate to view pruning or other damage to vegetation, (Policy 3025 ‘Unlawful Damage to Trees in Public Places’) should be utilised to enable resolution.

**Principle 6:** Where areas are or have been subject to unlawful view pruning activities, Council should not facilitate view pruning on foreshores that benefits one or a small number of adjacent private dwellings. This includes pruning of native understory regrowth.

## 7.4 Acquisition and consolidation of reserves

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y		
2	Y	Y	Y	Y	Y	Y	Y	Y		
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y		
6	Y	Y	Y	Y	Y	Y	Y	Y		
7										Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Acquisition of reserves is primarily attained through POL- 3057 ‘Environmental Charge Acquisition and Management Policy’ which commits Council to take opportunities to buy land or development rights offered for sale. Opportunities for acquisition are also supported via the Biodiversity Strategy and Koala Policy and Implementation Strategy. Areas newly acquired by Council may be in good condition with very few issues or have significant issues associated with them, for example, unlawful use of motorbikes, erosion and dumping.

**Principle 1:** Reserve type must be decided based on Conservation Intents ‘criteria for naming of reserves’

**Principle 2:** Where a new property has been acquired, the property must be made ready for uses that are considered compatible with its reserve type and site specific attributes/issues. This will require the provision of appropriate resources based on 5% of the purchase price and is funded through Council’s Environment charge.

**Principle 3:** An initial assessment should be undertaken to identify key threats and management priorities identified. This may include high erosion areas (protection of waterways), fire trail development /maintenance, toxic dumped materials (eg asbestos) and signage and security ie perimeter fencing.

**Principle 4:** Follow-up site assessments should be made to determine and map flora values, fauna values, ecosystem values, pest mapping, risk assessment etc. This may need to be outsourced and funded through the operational budget as required.



**Principle 5:** Opportunities should be identified for attracting NRS (National Reserve System) funding pre or post acquisition of new reserve areas.

**Principle 6:** Opportunities should be sought from NRS for funding the development of management plans and flora/fauna assessment for those reserves listed as Nature Reserves under the NCA.

**Principle 7:** Unused road reserves should be identified, closed and consolidated into existing reserves.

**Principle 8:** Individual allotments within parcels of reserve land should be consolidated via a 'Realignment of Lots'.

### 7.5 Developer contributions

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** All developer contributions should aim to provide open space (conservation and recreation) that strategically links to other areas of conservation land and connections.

**Principle 2:** All developer contributions (revegetation areas) coming to Council as 'off maintenance' must meet the requirements of the VES and be approved by Parks and Conservation as being of appropriate standard.

**Principle 3:** Developer contributions should clearly identify how the contributed area meets intents of the reserve type and open space category for which they are intended. It should be noted that some areas include a number of landscape elements such as creek corridors, drainage areas and general habitat and this should be considered in the design of the contributed area.

**Principle 4:** Specific areas should be clearly identified for the use for which they are required for example, an areas use must be consistent with the open space type eg community creek corridor.

**Principle 5:** Park maintenance standards should be applied as per the Councils Open Space Plan.

### 7.6 Coordinated Management Areas

Relevant to Conservation area										
Principle	CA &CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y								
2	Y	Y								
3	Y	Y								
4	Y	Y								
5	Y	Y								
6	Y	Y								
7	Y	Y								

There are reserves that are a number of areas in the City that are cooperatively managed with other Local Governments and State agencies some of the principles.

**Principle 1:** Overall management should be consistent with conservation reserves management principles and specific management obligations of Council.

**Principle2:** Cooperation with management partners should occur to achieve outcomes acceptable to all.

**Principle 3:** Protection and management still allow Council to manage in its own right.

**Principle 4:** The following must be used to guide the management of specific areas zones applicable to Nature Refuges.

**Table 3. Management Zones**

<b>Area</b>	<b>Intent</b>	<b>Permitted use</b>	<b>Prohibited uses</b>
<b>Scientific Conservation Area</b>	To protect and conserve the areas of significant conservation value by restricting access to these areas.	Scientific investigation upon receipt of written permission from the Manager, Environmental Management Redland City Council.	All other activities unless prior written permission is granted by the Manager, Environmental Management Redland City Council.
<b>Conservation Corridor</b>	To provide for fauna movement while allowing for pedestrian/cyclist movement between adjacent residential properties along designated trails	Public access (pedestrian/ cyclist) via designated trails only	All other activities unless prior written permission is granted by the Manager, Environmental Management Redland City Council.
<b>Eco- Adventure Area</b>	To provide for bushland based education and recreation whilst maintaining the conservation values of the area.	General public access and education programs such as revegetation, local management and water watch; Cyclist access via designated trails only.	All other activities unless prior written permission is granted by the Manager, Environmental Management Redland City Council.
<b>Fire Management Strip</b>	To provide a 3 to 5 metre wide management strip adjacent to private property	Public access (pedestrian/ cyclist) as permitted by the Manager, Environmental	All other activities unless prior written permission is granted by the Manager,

	boundaries, and to provide access for general maintenance, risk management and fire management purposes.	Management Redland City Council	Environmental Management Redland City Council.
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**Principle 5:** Make reasonable efforts to prevent the invasion or spread of pests and weeds and to remove any existing pest or weeds (including declared plants) by environmentally sympathetic means.

**Principle 6:** Allow regular access by public at large for nature based recreation

**Principle 7:** No access to be given to those areas zoned as scientific conservation areas

### 7.7 Infrastructure and Services

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** The provision of infrastructure should conform to Redland Shire Council Open Space Strategy 2004-2016.

**Principle 2:** The provision of seating must meet the provisions of Corporate Policy POL-3068.

**Principle 3:** Infrastructure should be minimised to that essential to maintain appropriate level of service.

**Principle 4:** Where overhead powerlines exist, the capacity to improve biodiversity extent, condition and continuity of vegetation communities through undergrounding and bundling should be identified and mapped.

**Principle 5:** A priority list of potential undergrounding sites for council reserves should be forwarded to Energex by 30 March annually as per "Memorandum of Understanding on Vegetation Management near Powerlines between Energex and Redlands City Council".

**Principle 6:** Council should act to ensure that all revegetation near powerlines seeks to comply with the Redland's Vegetation Enhancement Strategy 2007 and the

“Memorandum of understanding on vegetation management near powerlines between Energex and Redlands City Council”.

**Principle 7:** Vegetation management practices in the proximity of infrastructure such as paths, underground services should aim to meet the principles outlined in the Vegetation Enhancement Strategy 2007

**Principle 8:** Pathways or other infrastructure should be considered on routes where revegetation is not possible or very limited due to underground or overhead service provision.

**Principle 9:** Where development related infrastructure such as drainage outlets is to impinge upon Council Reserves, it must be minimised or amalgamated to reduce it’s ecological and aesthetic impact and must be approved by EMG.

**Principle 10:** Pathways, sewerage and other telecommunications services should be combined into one route to reduce ecological impact.

## 7.8 Environmental Themes for Structure and Master Planning

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

The structure planning of ‘Greenfield’ areas and master planning of existing developed areas can identify new conservation reserves or impact on existing reserves.

There are 5 main principles that are seen as being essential as considerations for structure or master planning to ensure the resilience of ecological communities.

### **Principle 1: Consolidate infrastructure**

Master or structure planning ensures infrastructure provision is sited and consolidated to maximise regeneration of ‘endangered ecosystems’.

### **Principle 2: No harm to RAMSAR sites**

Minimise and investigate adverse or potentially adverse impacts on RAMSAR sites.

### **Principle 3: Ensure full habitat connectivity throughout site**

Master or structure planning must ensure habitat connectivity along littoral zones and along and between riparian corridors is maintained and enhanced.

### **Principle 4: Protect strategic habitat corridors**

Any other strategic habitat corridors within or adjoining the master or structure planned areas must be identified and connectivity provided.

### **Principle 5: Ensure habitat is risk managed and buffered against climate change.**

Endangered species, sedentary species, species with narrow habitat niche and sensitive ecosystems will be most affected by predicted climate change whilst robust ecosystems

will survive leading to overall changes in the City's biological composition from species to landscape level. Master or structure planning must allow for the maintenance and enhancement of habitat and Regional Ecosystems that allows for longer term dispersion and survival of species that are sensitive to temperature and general climate change.

**Principle 6: Conserve Regional Ecosystems**

Existing identified remnant REs must be conserved and, where possible, enhanced in scale and quality. No development should occur on, or impact upon, these ecosystems.

**7.9 Media - Documentaries, commercials**

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

This intent applies to the following range of media related activities including but not limited to: commercials, documentaries, short television segments, private and public functions.

**Principle 1: Permits**

All permits required under the provisions of Local Law No.15 (Parks and Reserves) must be obtained.

**Principle 2:** Parks and Conservation and Environmental Management must be consulted and approvals acquired before any activity takes place that occurs within a Council Reserve.

**Principle 3: Environmentally sensitive area**

Environmentally sensitive 'No Go' areas must not be used for the purposes of any activity that impacts or has the potential to impact the values for which the area was identified. Identification of potential sensitive areas can occur on application of permits.

**Principle 4: Endangered, Vulnerable and Rare species**

E/V/R flora and fauna may be filmed or photographed in reserves where approved but the location of the species must not be made available to the general public through any media without the express permission of the Environmental Management Group manager.

**7.10 Environmental Health**

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y		Y	Y	Y	Y	Y	Y
2	Y	Y	Y		Y	Y	Y	Y	Y	Y

With increasing knowledge on mosquito species and mosquito borne diseases, the aim is to reduce breeding sites and in turn reduce the use of chemical treatments through habitat modification.

**Principle 1:** Where public health is at risk from mosquitoes, habitat modification may be used to reduce ponding and incidence of mosquito breeding.

**Principle 2:** Habitat modification in reserves must be undertaken in consultation with Parks and Conservation and must not impact on significant wildlife habitat.

### 7.11 Catchment Management - (water quality and biodiversity)

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y		Y			Y	Y	Y
2	Y	Y	Y		Y			Y	Y	Y
3	Y	Y	Y		Y			Y	Y	Y
4	Y	Y	Y		Y			Y	Y	Y
5	Y	Y	Y		Y			Y	Y	Y
6	Y	Y	Y		Y			Y	Y	
7	Y	Y	Y		Y	Y	Y	Y	Y	
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
14	Y	Y	Y		Y			Y	Y	
15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y		Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

#### 7.11.1 Pest plants and animals

**PRINCIPLE 1:** Actively manage terrestrial and aquatic weeds in riparian zones to improve conditions for fish and bugs.

Weed invasion in riparian zones and aquatic weeds in waterways should be actively managed to maintain or improve the structural integrity and ecosystem processes in creeks and wetlands. Excessive terrestrial and aquatic weed growth negatively affects both in-stream water quality and ecosystem health. Terrestrial weed management should occur in conjunction with either replacement revegetation or active regeneration from natural seed stock. Large areas of creek bank should not be left exposed for extended periods, to reduce the opportunity and potential for erosion and sedimentation. Aquatic weeds should be managed using an integrated pest management framework including biological controls and / or physical removal (to reduce nutrient loading) in preference to chemical treatments.

**PRINCIPLE 2:** Trap and remove exotic fish species in conjunction with a program of habitat rehabilitation and native fish introduction.

Many reaches of waterways are populated with a large proportion of introduced fish species (based on sampling results), this effects ecosystem health processes and values. Trapping and removal of introduced fish species should only be undertaken in conjunction with habitat rehabilitation and native fish replacement and monitoring to measure and report on the results of the activity. Suitable sites for introduced fish trapping and removal and rehabilitation are stable, deep pool, drought refuge reaches.

#### 7.11.2 Riparian landforms and soils

**PRINCIPLE 3:** Protect, maintain or enhance the condition of riparian buffer zones.

Riparian buffer zones (areas of protection and / or revegetation) should either be based on landform mapping (not commenced) or by default use the lineal distances specified in the RPS (100 and 60 metres for major and minor waterways). Overland flow paths (or natural drainage lines) that carry intermittent flows and stormwater runoff, should have a minimum lineal vegetated buffer of 10 metres either side of the defined flow path. Landform factors that will define the extent of a riparian buffer zone are: soils, topography and vegetation.

There are also management and rehabilitation issues that must be considered in riparian buffer zones. Issues include: weed management, erosion control and historic uses and modifications.

#### 7.11.3 Aquatic ecosystem processes

**PRINCIPLE 4:** Manage catchments and terrestrial lands to maintain or improve aquatic ecosystem processes.

Aquatic ecosystem processes in creeks and wetlands are driven by catchment or terrestrial processes. Attempts to rehabilitate a riparian zone or aquatic ecosystem are difficult if degrading processes or pollution is continuing from an external catchment or adjacent terrestrial site. Therefore, priority should always be placed on identifying and where possible managing or mitigating degradation impacts before undertaking aquatic ecosystem rehabilitation activities.

**PRINCIPLE 5:** Manage or rehabilitate degraded aquatic ecosystems to support stable native fish and aquatic bug populations.

Aquatic habitat rehabilitation should aim to re-create habitat and conditions that favour and support viable native fish and aquatic bug populations. The conditions necessary to support native fish and bug populations includes specific water quality conditions which are specific to catchment and waterway reach / water type. Management issues affecting ecosystem processes are: pest plants and animals, flow management, erosion and sedimentation, nutrient inputs, water quality and community environmental values.

#### 7.11.4 Community environmental values

**PRINCIPLE 6:** Manage recreational uses of the reserve to ensure no loss of waterway environmental values.

Waterways that are covered by waterway management plans have defined waterway environmental values that should be maintained or enhanced by management of the reserve. Recreational activities in the reserve should be managed to maintain or where possible enhance the waterways environmental values.

**PRINCIPLE 7:** Use education methods to promote awareness of waterway and wetland values and ecosystem processes.

#### 7.11.5 Groundwater systems

**PRINCIPLE 8:** Do not interfere with the undisturbed runoff of water from a groundwater spring.

**PRINCIPLE 9:** Do not interfere with collection of water in freshwater wetlands or other known groundwater recharge areas.

Groundwater interacts with surface water flows in creeks. There is currently little documentation about the mechanism that this follows in Redlands waterways. Therefore, every attempt should be made to protect the quantity and quality of groundwater at springs (as runoff) and wetlands / recharge locations to minimise disturbance to this element of the water cycle.

#### 7.11.6 Rehabilitation and management

**PRINCIPLE 10:** Rehabilitation of waterways in a reserve should contribute to improving the waterway environmental values of that entire catchment.

**PRINCIPLE 11:** Rehabilitation of waterways (a reach) in a reserve should treat the reserve and its surrounding catchment / sub-catchment as one planning unit to identify pressures on waterways external to the reserve site.

**PRINCIPLE 12:** Rehabilitation and other waterway management work must address site specific hydrological and hydraulic processes and fluvial dynamic processes.

**PRINCIPLE 13:** Rehabilitation of streams should occur from top of catchment down.

**PRINCIPLE 14:** Site specific issues on mid or lower catchment areas may be managed as long as the issue will not re-emerge in the future as a result of upstream issues.



#### 7.11.7 Erosion and sedimentation

**PRINCIPLE 15:** Reserve management and rehabilitation activities should aim to stabilise sources of active man induced erosion where this directly contributes to excessive loads of fine or coarse sediment and degraded water quality in a waterway adjacent to, or within, the reserve.

Both fine and coarse sediment from active erosion sources is known to have direct impacts and consequences for water quality and waterway health (habitat and ecosystem processes for aquatic fauna).

**PRINCIPLE 16:** Where stream bank erosion is occurring, efforts to stabilise erosion should be justified in regards to risk and natural stream migration processes.

#### 7.11.8 Watercourses (including fish barriers, instream habitat, maintenance, etc)

**PRINCIPLE 17:** Management and maintenance of watercourses (including ephemeral creeks, springs, natural drainage lines) in a reserve should be based on provision of natural aquatic ecosystem processes in the watercourse and its linkage to adjoining riparian land.

Natural aquatic ecosystem processes require uninterrupted flows, removal of artificial barriers to fish movement within perennial creek reaches, shading, food and habitat connectivity provided by native riparian vegetation, and natural channel features (deep drought refuge pools, riffles, open water channels, snags and habitat diversity).

Note: A fish barrier is a barrier that prevents movement of native fish and may include natural barrier (waterfalls), dams, weirs, sand dams / crossings, tidal intrusion barrages – ponded pasture bunds, weed / macrophyte choked reaches, road and rail crossings (culverts, causeways and fords) and other instream structures (e.g. water control gates).

**PRINCIPLE 18:** Sustainable management of aquatic ecosystems in a reserve can only be achieved through balanced, integrated planning and management with other uses of the reserve.

#### 7.11.9 Wetlands

**PRINCIPLE 19:** Management, rehabilitation and maintenance of wetlands in Council reserves should be based on the hydrological regime of the wetland and catchment.

This applies to freshwater, estuarine and coastal foreshore wetlands. Excessive stormwater or concentrated flow runoff should not be directed to a wetland other than through a natural watercourse. There are also management and rehabilitation issues that must be considered in wetlands. Issues are: pest plants and animals, riparian landforms and soils, aquatic ecosystem processes, community environmental values, groundwater systems and erosion and sedimentation.

**PRINCIPLE 20:** Apply best practice to delineation of wetland buffer zones to guide planning and management of wetlands in reserves.

The Queensland Government DERM-EPA is developing a Wetland Buffer Design Guideline that when completed will be best practice for definition and delineation of buffer zones for marine, estuarine and freshwater wetlands. The guideline is based on identification of waterway environmental values and threatening processes and separation distances to minimise the threats to the waterway environmental values posed by the main threatening processes. The guideline process only applies to certain categories of wetlands identified by the guideline.

#### 7.11.10 Nutrient inputs

**PRINCIPLE 21:** Incorporate reduction of nutrient source inputs in runoff to waterways into the management goals and actions for reserves.

Identification and analysis of specific nutrient sources and their potential impact on water quality or waterway health must be assessed for each property and appropriate management responses put into place based on the level of risk from each contaminant source. Issues which may affect the identification and analysis of nutrient sources include riparian landforms and soils and erosion and sedimentation.

#### 7.11.11 Conservation of rare and threatened riparian and aquatic species

**PRINCIPLE 22:** Ensure appropriate planning and management is in place in Council reserves to improve the conservation status of (current) significant flora and fauna species occurring in watercourses, wetlands or riparian zones.

Previous planning (Waterway Management Plans) and specific investigations have identified locally significant flora and fauna species and the need for conservation management actions to improve the viability of threatened populations and address specific pressures on habitat, food sources etc. Practical management of Council reserves can respond to these issues. Other issues of relevance to conservation of rare and threatened species include: pest plants and animals, rehabilitation and management, and watercourses.

## 7.12 Biosecurity-Pest Management

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** Actions undertaken for managing Council reserves should aim to incorporate the following 6 principles outlined in the 'Queensland Biosecurity Strategy 2009-14' in acting to protect local and regional biosecurity (DPI&F 2008).

1. Prevention

Regulatory and physical measures to ensure that emergence or re-emergence of weeds, pest and diseases are prevented or their impacts mitigated.

2. Preparedness

Arrangements to ensure that, should an outbreak occur, all those resources and services needed to address the outbreak can be efficiently mobilised and deployed.

3. Surveillance

The systematic investigation of a population or area to collect data and information about the presence, incidence, prevalence or geographical extent of a pest or disease.

4. Response actions

Taken in anticipation of, during and/or immediately after an outbreak to ensure that its effects are minimised.

5. Recovery

The reconstruction of the physical infrastructure and environment and restoration of emotional, social, economic, environmental and physical wellbeing following an emergency response to an outbreak of a pest or disease.

6. Ongoing management

Activities that occur after an initial emergency response to an outbreak of a pest and disease has been unsuccessful, is not considered feasible, or has ceased; and/or the management of established pests and diseases.

**Principle 2:** The aim is "to work cooperatively to prevent and reduce the negative impacts of pest plants and animals".

**Principle 3:** Systematic annual surveys of pest plant and animal populations in Council reserves must be resourced and undertaken.

**Principle 4:** Council should aim to engage private landholders which adjoin reserves for management of identified pest populations.

**Principle 5:** All high priority weeds on Council land are managed in strategic locations as part of a regular works programme.

**Principle 6:** Operational programmes are established for the surveillance, enforcement and control of declared animals in Council reserves.

**Principle 7:** The supply or transport of declared weeds must be controlled by the management of operational activities.

**Principle 8:** Operational programmes for the surveillance and control of non-declared pests should be undertaken where strategically and economically viable and where risks are assessed.

**Principle 9:** Where possible research should be engaged to improve pest management practices.

### 7.13 Rehabilitation and Enhancement and Maintenance

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
14										Y

**Principle 1:** The following general restoration process should be followed in conjunction with the Vegetation Enhancement Strategy and Policy 2007. It should be noted that these principles may need to be modified and utilised for differing site specific issues.

**Table 4. Restoration Process**

<b>1. Identify areas to undergo restoration</b>	Assess, identify and mark areas to undergo natural regeneration before restoration works take place.
<b>2. Reduce degrading factors and protect site</b>	Reduce degrading factors such as uncontrolled fire, nutrient run-off, rubbish dumping, erosion and clearing processes prior to undertaking work.
	This process is likely to be achieved through the undertaking of other management actions, (for example, the control of pedestrian traffic, fencing of reserve).
<b>3. Establish areas of natural Regeneration vs revegetation</b>	Natural regeneration is preferable to revegetation. This will depend largely on mature seeding trees, shrubs and other plants, natural soil, modifications to the site.
<b>4. Primary weed clearance</b>	Remove major weeds from site in stages.
	Weeds will exist in varying degrees of

	infestation- prioritise and remove those weeds which pose major threats to the ability of native vegetation to regenerate.
<b>5. Native plant and weed regeneration</b>	Some native plants and also weed species will regenerate. Weed species may be the same as those originally removed, indicating a soil seed bank or vegetative propagules remaining in the soil or hanging from branches (eg Maderia vine) Weed species may be different to those originally removed, indicating successional weed infestation, or opportunistic weed species.
<b>6. Secondary weed clearance</b>	Re-weeding of primary site to remove re-infestations of weeds. Techniques of removal may be the same or different to those initially used – depending upon weed species present and intensity of native plant regeneration. Secondary clearance is crucial to the establishment of native regeneration and must be undertaken as soon as possible to remove germinated weed species
<b>7. Maintenance</b>	After secondary weed clearance has been undertaken, monitor the area and undertake preventative weed control as necessary. Weed control will be dictated by the establishment and growth rates of the weed species themselves.  It is likely that the care needed with weeding shall increase as more native plants become established but will decrease as native plants out-compete weeds.

**Principle 2:** Site selection should maximize ecological benefits to the entire remnant system.

**Principle 3:** Corridors should be placed to link remnant vegetation which is of high biodiversity value to enable maximum dispersal of species and create larger remnants which have sustainable populations. Less diverse remnant clumps of scattered trees can be incorporated into the linkage between diverse areas.

**Principle 4:** Restoration works should be chosen with the aim to utilise natural regeneration via the “Bradley Principle”, That is:

- Work from good areas to poor areas;
- Don't over-clear;
- Let the rate of natural regeneration dictate the rate of weed removal; and

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- Minimise disturbance through preferred use of hand tools above heavy machinery (although some disturbance may also be useful in promoting natural regeneration).

**Principle 5:** A planting and management plan of restoration sites is to be provided where rehabilitation/revegetation is over an extensive area. This would give some idea of the impact of the proposal on the site.

- The plan should provide a strategic, integrated and planned implementation of the revegetation work allowing integration of vegetation across City between RcC and private landholders.
- It must provide a detailed species list that is consistent with the Regional Ecosystem for that site.
- It must allow potential for natural regeneration and recruitment to occur where possible.
- It must consider landform, soil types soil nutrients, maintenance requirements, planting method, chemicals to be used etc.

**Principle 6:** All restoration sites must be identifiable via GIS polygon.

**Principle 7:** An annual condition report undertaken to establish relative success of all restoration sites. Annual monitoring is to include photographic sampling along with information such as average height of canopy, Foliage Projective Cover (FPC,) plant loss, natural recruitment, and weed incursion/reinfestation.

**Principle 8:** Ensure that rehabilitation/regeneration means the restoration of degraded systems to as near as is practical to the species consistent with pre-clear Regional Ecosystem and species lists in the VES.

**Principle 9:** Restoration sites are not to be planted with species (e.g. *Lomandra Spp.*) to ratios that inhibit the movement of fauna species. If planting plans are consistent with the VES and reflect natural communities then this issue should not arise.

**Principle 10:** Where site species lists are not available an assessment must be undertaken that determines what species occur in the general area in which the restoration works are occurring. This sub-catchment species list will be used as a basis for restoration works.

**Principle 11:** Maintenance of parks should meet requirements of the Redland Shire Council Open Space Plan 2004 -2016.

**Principle 12:** Weed and pest management work is to be documented and should show how it meets all restoration principles set out in this section (section 7.4).

**Principle 13:** Council's Pest Management Plan should be used to define management techniques for specific declared pest species.

**Principle 14:** Identify unused road reserves for permanent closure and restoration where possible.

## 7.14 Recreation

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6		Y								
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y			Y
9	Y	Y	Y	Y	Y	Y	Y			Y
10	Y	Y	Y	Y	Y	Y	Y			Y
11	Y	Y	Y	Y	Y	Y	Y			Y
12	Y	Y	Y	Y	Y	Y	Y			Y
13	Y	Y	Y	Y	Y	Y	Y			Y
14	Y	Y	Y	Y	Y	Y	Y			Y
15	Y	Y	Y	Y	Y	Y	Y			Y
16	Y	Y	Y	Y	Y	Y	Y			Y
17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y	Y			Y
19	Y	Y	Y	Y	Y	Y	Y			Y
20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
24	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
25	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
26	Y	Y	Y	Y	Y	Y	Y			Y
27	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
28	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
29	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** The overarching philosophy of Council is to provide ‘multiple-use’ nature based recreation venues that appeal to, encourage and engage the community.

**Principle 2:** The management of recreation in the city should aim to meet the requirements of the SEQ Regional Plan: “Establish and maintain a network of accessible outdoor recreation areas, including regional parks, trails and waterways, as well as private lands with the voluntary agreement of landowners”.

**Principle 3:** Not all nature based activities are compatible with all parts of the landscape and may in some cases cause degradation of biodiversity values and experience of other users. Reserves planning for recreation should be designed to encourage recreation that does not impact on natural communities.

**Principle 4:** Where reserves are adjacent to residential areas, ‘open space’ should be allocated where appropriate and designed to meet the recreational needs of the community to minimise adverse impacts on natural reserves areas. This is especially important where open space facilities for higher impact recreation activities are required. The Open Space Plan and Open Space Planning Team should be consulted regarding requirements of open space.

**Principle 5:** Allow regular public access and recreational activities for nature based recreation as per Local Law No.15 (Parks and Reserves).

**Principle 6:** No recreation access to be given to those areas zoned as scientific conservation areas. This is specific to Nature Refuges (Coolynwinpin Nature Refuge).

#### 7.14.1 Walking tracks

**Principle 7:** Where intra reserve walking tracks are planned or managed, the following Australian Standards for walking tracks should be considered (AS 2156.1-2001: Walking Tracks Classification and Signage).

**Table 5. Walking Track Classification**

Class	Conditions	Signage	Infrastructure	Terrain	Example <sup>1</sup>
1	1.2m wide, hardened surface, suitable for wheelchairs	Arrows at intersections and frequent interpretive signage	Lookouts, seats, and barrier rails	No previous walking experience required, ramps required if steps present	Access path in urban parkland
2	90cm wide, modified or hardened surface, few intrusions	Arrows at intersections and frequent interpretive signage	Lookouts, seats, and barrier rails	Gradient usually less than 1:10, no previous walking experience required	Nature circuit in urban park
3	Generally modified, sometimes hardened, less than 1.2m wide	Signage and track markers for direction only, limited interpretive signage	Specific safety/ environmental considerations only	Gradient usually less than 1:10 but with some steep sections, some natural hazards (eg: water crossings) potentially present	Well-trodden walking track
4	Generally distinct but without substantial modification to the	Minimal signage for management and directional purposes	Specific safety/ environmental considerations only	May require map/ compass skills, users to be self-reliant	Walking track in large Conservation Areas



	ground, fallen debris/ obstacles likely				
5	Limited modification, track may be indistinct in places	Signage limited to management purposes	Specific safety/ environmental considerations only	Requires map/ compass and other specialised skills, users need to be self-reliant	Less-used walking track in a distant area of a Conservation Area
6	No modification of the natural environment	Not provided	Not provided	Requires high degree of competence in map/compass and other specialised skills, users need to be self-reliant	Little-used path in a remote area

#### 7.14.2 Mountain Bikes

Bicycle riding is an appropriate recreational activity in parks and reserves and a legitimate, nature-based activity.

**Principle 8:** When constructing or closing mountain bike trails, consultation must occur between P&C, T&I, bushcare/trailcare group and other relevant mountain bike groups. Track formation/ closure must meet P&C operational and strategic requirements as priority.

**Principle 9:** Mountain biking will be encouraged in all parks and reserves where it is considered environmentally appropriate.

**Principle 10:** Trails constructed for the use of mountain bikes must also be compatible with, and may be used by bushwalkers. Signage should indicate that this is dual use.

**Principle 11:** Mountain bike use should be contained to trails designated as mountain bike compatible or general cycling compatible trails.

**Principle 12:** Where construction, upgrade or management of specially designated mountain bike trails is to be undertaken, refer to IMBA (International Mountain Bicycling Association) trail construction and management principles. Additional resources may be found on the IMBA website and the MTBA (Mountain Bikes Australia) websites (see Section 11 for web links).

**Principle 13:** An assessment sheet (based on IMBA design rules) should be developed and utilised to assess and guide:

- The construction of new tracks

- Assessment and upgrade of existing track sections where they do not meet guidelines

**Principle 14:** Formation and maintenance of Bushcare/trailcare group should be based on engaging locally run groups first.

**Principle 15:** That track closures, maintenance and design must be based on understanding of broader strategic network of tracks within and between the city's conservation reserves.






**Principle 16:** Stay out of streams and wetlands unless crossing by direct route (See Principle 14). Mountain bike tracks should not to be constructed within 30m of a waterway or area identified as being a sensitive area (e.g. riparian zone, littoral zone, bat colonies, high erosion areas etc).

**Principle 17:** To protect water quality and habitat, only cross streams where absolutely necessary. Where crossings are necessary, use natural rock features or bridges. If a track is considered essential to cross a watercourse, it must be sited to cross by the shortest and most environmentally considerate route.

**Principle 18:** Bridges and other track infrastructure for dedicated mountain bike trails (singletrack) should be constructed of 'natural' material consistent with natural elements of the environment and be consistent with IMBA guidelines. For example, where short crossings are required, a large log can be laid across the steam (not to block water flow) and the top flattened with the use of a saw.

**Principle 19:** The degree of difficulty for the mountain bike experience should be determined as per the following table: Trail Difficulty Rating System.

**Table 6. MTB trail classification -Source: IMBA, 2007**

	<i><b>Easiest (may include fire trails)</b></i>	<i><b>Easy (may include fire trails)</b></i>	<i><b>More difficult</b></i>	<i><b>Very difficult</b></i>	<i><b>Extremely difficult</b></i>
					
<b>Trail width</b>	1800 mm or more	900 mm or more	600 mm or more	300 mm or more	150 mm or more
<b>Tread surface</b>	Hardened or surfaced	Firm and stable	Mostly stable with some variability	Widely variable	Widely variable and un[predictable
<b>Average trail grade</b>	Less than 5%	5% or less	10% or less	15% or less	20% or more
<b>Maximum trail grade</b>	Max 10%	Max 15%	Max 15% or greater	Max 15% or greater	Max 15% or greater
<b>Natural obstacles</b>	None	Unavoidable obstacles	Unavoidable obstacles	Unavoidable obstacles	Unavoidable obstacles

<b>and technical features (TTF)</b>		50mm tall or less	200mm tall or less	400mm tall or less	400mm tall or greater
		Avoidable obstacles may be present	Avoidable obstacles may be present	Avoidable obstacles may be present	Avoidable obstacles may be present
		Unavoidable bridges 900mm or wider	Unavoidable bridges 600mm or wider	May include loose rocks	May include loose rocks
			TTF's 600mm high or less, width of deck is greater than ½ the height	Unavoidable bridges 600mm or wider	Unavoidable bridges 600mm or narrower
				TTF's 12mm high or less, width of deck is less than ½ the height	TTF's 1200mm high or greater, width of deck is unpredictable
				Short sections may exceed criteria.	Many sections may exceed criteria

### 7.14.3 Horses

Council understands that there are large numbers of horse riders in the city who seek venues for satisfying nature riding experiences. However, it is also recognised that horses may not be compatible with all parts of the landscape and may in some cases cause degradation of biodiversity values and experience of other users. As such, the following principles have been outlined to minimise impacts that horse based recreation that has limited impact on natural communities whilst still recognising this user group's needs.

#### Guiding intent

Protected areas are managed primarily for the conservation of natural and cultural resources, and non-native animals are not generally compatible with the management principles defined in the Nature Conservation Act 1992.

#### Desired outcomes

The desired outcome is that reserves are not generally subject to the environmental impacts of horse riding. However, horseriding may be permitted on selected conservation reserves where this use is considered environmentally and socially appropriate. Provision of these services will be guided by EDAW principles (Appendix 1).

**Principle 20-** When considering horseriding the following factors need to be taken into account:

Community factors

- The extent to which horseriding has been established and accepted actively in the protected area, especially by the local community;
- The level of use which may be anticipated if horseriding is officially permitted; Alternative opportunities for horseriding in the district; and
- Potential problems of access and parking (eg people with horse floats adjacent to the area).

Environmental factors

- The current level of disturbance, especially weed invasion, water pollution and land degradation;
- The resilience or vulnerability of the ecosystem/s in question to cope with increased trampling, nutrient input, weed sources etc resulting from horseriding. Specifically, the slope, soil type, drainage and rainfall patterns, presence of rare or threatened plants or animals, and function of the areas as a water catchment needs to be considered;
- Anticipated effects on native plants and animals, including the possibility of introducing pathogens (eg phytophthora).

Management considerations

- Current or projected conflicts between horseriders and other park users and the potential to resolve these conflicts;
- The existence of suitable trails and places for horses to be tethered watered and fed;
- Suitable rest, picnic and toilet facilities for anticipated numbers of riders;
- The ability of management to define the permitted area and enforce and to enforce any restrictions considered necessary;
- The potential for accidents to horseriders or other users of the area; and
- The cost associated with the management of horseriding and environmental protection.

**Principle 21:** Horses are to be kept to fire trails. Horses, pedestrians and bikes can use fire trails whereas 'single track' can only be used by pedestrians and bikes.

**Principle 22-** Horseriding should only be permitted where it is considered there will be minimal impact to the environment and little conflict with other users of the area. The considerations for deciding what areas may be suitable for horseriding must include:

- The restriction of horses to existing fire trail systems (Horses are known to create or exacerbate erosion due to high weight to foot area ratio and hard hooves);
- Limits of the total numbers and groups size of riders;
- Restricting the use of tracks when they are wet; and
- Restricting the use of tracks to certain times of day.

**Principle 23:** Where horseriding is to be permitted, a regulatory notice must be erected and specify the areas to which the notice applies and the intent for horse use. This is also to inform other uses (for safety reasons) that horseriders may be using the area.

**Principle 24-** Horse riding may be permitted as per provisions of Subordinate Local Law No. 2 (Animal Management) 2007 Section 33.

#### 7.14.4 Motor Bikes

**Principle 25:** Motor bikes are not currently approved to be ridden in any Council reserve.

**Principle 26:** Research into appropriate sites for motor bike use should be established via robust empirical studies.

**Principle 27:** Council should work with user groups to limit environmental impacts associated with unlawful use of motorbikes in reserves. This may be achieved through education and engagement of unlawful users into recognised clubs.

#### 7.14.5 Orienteering and Rogaining

Council recognises the use of reserves for off-track cross country navigational activities conducted by orienteering and rogaining groups

**Principle 28:** For an organisation to conduct such activities it may be necessary for representatives to prepare detailed maps and plan the layout of courses.

**Principle 29:** When issuing permits for such events Council may consider:

- Conflict of use- whether the proposed activity will interfere with others.
- Fire management- whether some or all of the reserve is scheduled for burning in the week of the event or has been recently burnt and the possibilities of tree or branch fall in the burnt sections.
- Assembly areas and numbers participating- whether there is a suitable assembly areas to accommodate the number of persons and their vehicles expected to attend the event, and whether the number of participants will be sufficiently dispersed to minimise impact through trampling in the forest.
- Sensitive areas- Whether there are sensitive areas or rare and endangered species that should be declared out of bounds for the event.
- Safety- whether the organisers have made adequate provision for first aid and search and rescue in the event of an incident involving injury or of a displaced person not returning from a course by closing time.
- Insurance- Whether the organisation conducting the event provides insurance protection for the landholder.
- Control markers- Control site markers and any necessary signage must be of a temporary nature, tied but not nailed to trees, shrubs and fixtures and removed immediately after the conduct of the event.
- The event must comply with Local Law No 15 (Parks and Reserves).

## 7.15 Climate change and management of conservation reserves and biodiversity

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1							Y	Y		
2							Y	Y		
3	Y						Y	Y	Y	
4	Y	Y	Y		Y	Y	Y	Y	Y	
5	Y	Y	Y	Y	Y	Y				
6	Y				Y			Y	Y	
7							Y	Y		
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	Y	Y	Y	
12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
14							Y			
15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Climate change is now established as a significant threat to conservation reserves and the biota they encompass. Climate change cannot be defined as going to happen by any particular date. However, changes to ecological systems are inevitable. The capacity of the city's reserves to buffer against climate change aspects such as temperature rise, sea level rise, and ingress of biota not normally found in this region will become more significant. When planning conservation reserves and the surrounding landuse impacts managers should consider the following:

### 7.15.1 Water rise issues

**Principle 1:** Planning and infrastructure provision must take into account effects on nesting sites for marine/ littoral zone species such as water mouse and turtle nesting sites in regards to reduction of habitat landward.

**Principle 2:** Planning of reserves must allow for general reduction in extent and condition of RAMSAR sites and wader bird roosts.

**Principle 3:** Planning, siting and management of reserves must consider the potential reduction in extent of 12.1 and 12.2 Regional Ecosystems due to water rise.

**Principle 4:** Planning, siting and management of reserves must consider effects on 12.3.6 and other 12.3 REs as salt water ingresses further inland with possible associated changes to pH values.

**Principle 5:** Planning, siting and management of reserves must consider growing pressure to develop on higher ground with associated pressure on inland reserves.

**Principle 6:** Planning, siting and management of reserves must consider loss of habitat connectivity along littoral zones and low lying riparian corridors (12.3 Regional Ecosystems).

### 7.15.2 Temperature issues

**Principle 7:** Management of foreshores should consider potential changes in species composition of mangroves is likely to occur as temperature increases. Species composition is likely to increase as warming occurs.

**Principle 8:** Endangered species, sedentary species, species with narrow habitat niche and sensitive ecosystems will be most affected whilst robust ecosystems will survive leading to changes in overall changes in the city's biological composition from species to landscape level. Planning, management and siting of reserves must allow for the maintenance and enhancement of habitat that allows for longer term dispersion and survival of species that are sensitive to temperature and general climate change.

**Principle 9:** General ecosystem monitoring must allow for the identification of new pests and disease. Temperature changes are also likely to change affect the presence or absence of pathogens and pests and potential for ingress of species we are not usually exposed to such as jellyfish and crocodiles moving southward. That is, some reserves may get populated by species not already present in the City.

**Principle 10:** Research into individual plant management should include monitoring changes in reproductive capacity and timing of reproduction associated changes to pollinators and fauna through climate change.

**Principle 11:** Fire regime changes are likely which may expose some sensitive ecosystems to retrogressive changes.

**Principle 12:** Changes in general Regional Ecosystems eg woodland to rainforest may occur. It must be decided whether to try and buffer these communities or let retrogressive or progressive processes occur.

**Principle 13:** Reserves should be assessed for their refuge value for climate sensitive animals and plants.

### 7.15.3 Weather

**Principle 14:** Destabilisation and remobilisation of dune systems – blowouts caused from extreme weather. Management practices should not increase risk of destabilisation of dune systems.

**Principle 15:** Appropriate ecological risk management procedures should be developed via research, for reserves for managing flooding /erosion and broad scale vegetation damage from cyclones and extreme weather events.

### 7.15.4 Planning

**Principle 16:** The 'unknowns' management of conservation areas must allow for the identification and protection of biodiversity and ecosystems. This may entail identifying

areas that need to be defended and collection and storing for genetic diversity as well as 'biological insurance' systems. Land use planning must thus allow for predicted changes caused from climate change and their regional and localised effects on ecosystems.

#### 7.15.5 Regional Ecosystems

**Principle 17:** Table 7 indicates Regional Ecosystems at risk from climate change and should be considered when applying long term planning and management of reserves.



Table 7. Regional Ecosystem Threats

Regional ecosystem	THREATS (1-3 ) 3 HIGHEST				CONSIDERATIONS (1OR 0)			OVERALL RISK RATING HIGH MEDIUM LOW
	Sea level/tidal effects	Fire	Drought	Risk of local extinction	VM status-OC/E	Bio Status OC/E	Sensitive or VER flora/Fauna eg limits of range/ specific niche requirements	
12.1.1	3			3	1	1		8
12.1.2	3			3				6
12.1.3	1.5			1				2.5
12.2.1	1.5	3	3	3	1	1	1	13.5
12.2.2	2	3	3	3	1	1	1	15.5
12.2.5	1.5	1	1	1		1		5.5
12.2.5a	2	3	2	2		1	1	11
12.2.6		1	1.5					2.5
12.2.7		1	2.5			1		4.5
12.2.8		1.5	1					2.5
12.2.9		1	1.5					2.5
12.2.10		1	1					2
12.2.12		1	2					3
12.2.13	2	1	1	1	1	1	1	8
12.2.14	1.5							1.5
12.2.15	3	1	2	2			1	9
12.2.16					1	1		2
12.3.1		3	3	3	1	1	1	12
12.3.5	3 (lower reaches)	1	3	2	1	1	1	12
12.3.6	2 (lower reaches)	1	2	1			1	6
12.3.8		1	2.5	1.5	1	1		7

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12.3.11		1.5	1		1	1		4.5
12.3.13	3	1	2	2	1	1		10
12.5.2		1.5	1	2	1	1		7.5
12.5.3		1	1	2	1	1		6
12.5.9	1	1	1	1	1	1	1	7
12.9-10.4		1	1					2
12.9-10.17		1	1					2
12.9-10.17a		2	1.5	1				4.5
12.9-10.19a		1	1					2
12.11.3a		1	1					2
12.11.5		1						1
12.11.5a		1						1
12.11.5e		1						1
12.11.5h		1						1
12.11.5j		1	1					2
12.11.5k		1						1
12.11.10		3	3	3			1	10
12.11.23		1	1	1	1	1		5
12.12.14		1	1	3-Classed as extinct in city although fragments exist	1	1		8
12.12.19		1			1	1		3

## 7.16 Cultural heritage

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

### Heritage sites listed under legislation

**Principle 1:** Projects related to acknowledged listed cultural heritage sites must not impact on the heritage values associated with the site and as defined in the cultural significance statements associated with the listing of the site.

Management of cultural heritage sites will be in accordance with the following defined cultural heritage management principles. *The Australia ICOMOS Charter for the Conservation of Places of Cultural Significance adopted 1979*). Any work that is consider may impact on cultural heritage should not be undertaken without direct consultation with the Redland City Council Environmental Management Group, Community and Social Planning, Local Historian, DERM and traditional (Aboriginal) owners. Works that are proposed for places of registered or known or potential cultural significance should be undertaken as per requirement of legislation or cultural heritage agreements. The following table outlines major areas in Redland City under known agreements and/or cultural heritage legislation. It should be noted that other specific sites may have Federal, State or Local Heritage protection. If in doubt, heritage registers should be consulted. Exemption certificates for some works may be

**Table 8. Heritage Related Documents**

Area or location	Documents	Location of document
Point Lookout	Point Lookout Cultural Heritage Agreement.	Environmental Management
	Aboriginal Cultural Heritage Act 2003	State
	Qld Heritage Register.	State
Point Lookout Gorgewalk	Conservation Management Plan-Point Lookout Gorgewalk (Draft)	Environmental Management
Cylinder Beach	Conservation Management Plan-Cylinder Beach Reserve (draft)	Environmental Management
Weppin Street Conservation Area	Weppin St Cultural Heritage Agreement	Environmental Management
Serpentine Creek Cemetery	Qld Heritage Register.	State
General heritage sites	Qld Heritage Register.	State/website
	Redland City Council	RCC website

	heritage register	
	Aboriginal Cultural Heritage Act 2003	State
	Queensland Heritage Act 1992	State
	Indigenous Community policy POL-3081	Redland City Council
	SEQ -Natural Resources Management Plan-target to involve indigenous community in Natural areas management.	State
	Exemption Certificates for minor work	State website

**Principle 2:** Indigenous connections to country and all stakeholders roles and responsibilities should be acknowledged and supported when making decisions about land management.

#### **Discovery of potential culturally significant artefacts and landscape elements**

**Principle 3:** Leave artefact/landscape elements insitu/alone and mark position and protect site if necessary. Inform RCC Parks and Conservation, Environmental Management and Local Historian. Note: an artefact may be something made by human beings, such as a tool or a work of art but may also include anything that be reasonably considered to have aboriginal connection or cultural significance.

#### **Management of known general cultural elements**

**Principle 4:** In cooperation with Redland City Council, Bushcare, monitor integrity of site components for degradation. Any proposed works must be approved by Council via Social and Community Planning and Environmental Management. Maintenance should only be undertaken where the fabric of cultural significance and its maintenance is necessary to retain that cultural significance as per the Burra Charter.

#### **Management of sites with cemetery monuments**

**Principle 5:** All actions related to the care and repair of cemetery monuments must consider 'Redland Shire Cemeteries, Conserving the cemetery monuments. Condition and conservation needs of the cemetery monuments and training of volunteers' (David Young, 2005). (Available from RCC on request).

### **7.17 Interpretive and other regulatory signage**

Principle	Conservation area									
	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
---	---	---	---	---	---	---	---	---	---	---

**Principle 1:** Each access should have a regulatory sign that is pictorial, easy to read and is positive in its message.

**Principle 2:** Interpretive signage should aim to engage the community to both increase their awareness and highlight their responsibilities to protecting their surrounding environment.

**Principle 4:** Encourage other forms of interpretation through other mediums to reduce signs.

**Principle 3:** Councils Signage manual should be used for all signs associated with reserves.

Council has developed a signage manual to be used whenever signage is required. The signage style manual gives information about Council's visual identity standards for Parks and Conservation and Corporate Signs. This manual specifies clearly how the logo and design elements are to be applied to various signage requirements. These standards must be strictly followed to ensure that brand strength is maintained. It should be noted that this signage manual does not explicitly include safety signage.

This manual covers the following types of signs:

- Corporate Identification Sign
- Corporate Directional Signs
- Corporate Information Signs + Width Variations
- Parks and Conservation Sub Brand Icons (Sports Parks ,Recreation Parks, Conservation Parks, Catchment Areas, Community Bushcare)
- Wildlife Awareness Icon Manufacture
- Parks and Conservation Identification Signs
- Parks and Conservation Directional Signs
- Parks and Conservation Information Signs (Icon Placement + Support Authority Logo Placement, Catchment Areas, Wildlife Awareness & Community Bushcare Information Sign Exception)
- Parks and Conservation Interpretive Signs (Catchment Interpretive sign)
- Parks and Conservation Walking Track Signs(Route Markers, Finger Boards, Trail Courtesy and Totems)
- Parks and Conservation Bicycle Track Signs (Route Markers)
- On Road Bicycle Signs - Australian Standards (Route Markers, Bicycle Parking Signs)

## 7.18 Safety signage<sup>1</sup>

Principle	Relevant to Conservation area									
	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
0	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
14	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** Safety signage will be used primarily to reduce risk of visitor injury or death, and also reduce the liability of Council when accidents occur.

**Principle 2:** Signs will be part of a coordinated risk management program following a risk assessment.

**Principle 3:** The use of signs will be managed to be compatible with the provision of desired visitor experience.

**Principle 4:** Safety signage is all or any of the following categories levels 1-4

- **Level 1- General Safety information sign:** General safety information provided on stand-alone signs or as part of interpretive signs or displays (See RCC Signage manual also).

General safety warnings will be included near the entrance to a park or reserve, camping area or walking track. Wherever possible, safety messages should be incorporated into a larger orientation sign or wayside sign. The safety section should be distinct from the rest of the sign. Messages should cover the major risks people may take in the area. Appropriate behaviour to minimize these risks and prevent accidents should be advised.

- **Level 2- 'For your safety' sign;** Specific signs advising of risk features in a less severe manner than warning and danger signs

These signs will advise visitors of specific risks and appropriate behaviour to avoid injury. They will be placed along tracks or beaches and at picnic areas, lookouts or waterbodies where a specific hazard has been identified through a risk management assessment.

<sup>1</sup> The principles outlines here support RCC's Risk Management Framework and Risk Management Standard AS/NZS-4360.

They will be used where the assessment identifies that:

- i. The danger is not extreme enough to justify a warning or danger sign; or
  - ii. There are so many hazards in the areas that warning and danger signs would become inappropriate; or
  - iii. The hazard is located in an area identified as being generally inappropriate for warning and danger signs.
- **Level 3- danger sign:** A sign warning of high risk situations that may lead to serious injury or death.

Warnings signs convey the same content as danger signs (Level 4) but are located on approach to the danger area rather than at it. It identifies a serious warning where a high to very high risk of serious accident has been identified. They can be used in most management settings and track classes. Their appearance is intended to have high impact.

- **Level 4- danger sign:** A sign warning of high risk situations that may lead to serious injury or death—used where there have been one or more serious or fatal accidents.

These are located at the danger site and display the same information as Level 3 signage. Danger signs give a serious warning where a high to very high risk of serious accident has been identified and where there have been one or more serious or fatal accidents e.g. Pt lookout. They can be used in most settings and track classes. Their appearance is intended to have high impact.

**Principle 5:** Use and placement of signage will be decided according to management setting (considering the site character, the ease of access and expectation of self reliance at different sites) balanced with the consequences and likelihood of the risk (considering the risk assessment and accident history).

**Principle 6:** As a guideline, signs may be placed according to the use and intent of the area. In easily accessible sites with facilities, visitors should be warned where there is an easily identified 'substantial', 'high' or 'very high' risk. Conversely, in areas with a remote or wilderness character, there should be no safety signs except in extreme circumstances. Sites which can only be reached by extended periods of walking (even if services by a graded track system) should be kept free of signage.

**Principle 7:** Safety signage relating to remote areas should be placed at entrances or junctions on the boundary of a more developed management setting. This may some distance from the risk feature. It may be desirable to advise visitors when they are entering a zone where there may be no signage and where they are expected to make their own judgments of risk.

**Principle 8:** Remote sites with a high level of usage and a repeated history of very serious or fatal accidents may require on site danger signs regardless of the accessibility of the sites. For example, Point Lookout Gorgewalk has known danger spots and is very accessible and requires danger signage in particular sites.

**Principle 9:** All signs must be placed so they are clearly visible to passers by, but not excessively obtrusive. Warning and Danger signs need to have high impact, but should not interfere with the visitor experience. For example, where a track leads out to a cliff, signs should be placed against vegetation before the visitor reaches the exposed site, rather than obstructing the view at the cliff edge.

**Principle 10:** Appearance and wording of Warning and Danger signs must:

- i. Inform people of the nature of risk;
- ii. Inform people of the possible consequences of certain actions (eg serious injury or death);
- iii. Inform people of how to prevent injury (eg do not dive, stay away from cliff) and
- iv. Incorporate a pictogram.

**Principle 11:** Signs must be maintained in a readable state and located where they are visible and easily read.

**Principle 12:** Risk assessments should be carried out on all reserves as part of integrated strategy of risk management.

**Principle 13:** Safety signs should not be regarded in isolation, but as part of the total park signage system. A sign plan should be developed or amended for each reserve to incorporate safety signage as required.

**Principle 14:** Sign design and approval and sign requests are to be handled by Operations and Maintenance in conjunction with Environmental Management and Risk and Liability services with reference to Council signage manual.

**Principle 15:** Signs should be erected according to specifications in Councils signage manual.

**Principle 16:** Maintenance of safety signs must be high priority in Council operations and addressed risk management sign planning. In areas more prone to fire or vandalism, it may be most cost efficient to produce more than one copy when ordering original signage to facilitate rapid replacement.

### 7.19 Endangered species

Principle	Relevant to Conservation area									
	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y



### 7.19.1 Identification

**Principle 1:** Endangered species locations should be identified through prior knowledge, systematic survey or incidental sightings and recorded with Environmental Management.

**Principle 2:** Educate Council crew on how to identify known endangered species, scratchings, scats etc. and what community types/ reserves in which they are most like to occur.

**Principle 3:** Possible sightings should be immediately reported to RCC Environmental Management Group and identity validated by Queensland Herbarium and Queensland Museum.

**Principle 4:** The following table should be used as a guide to listed plant species found in the City.

**Table 9. Species of Concern**

Scientific name	Common name	NCA status	EPBC status	RPS status
<i>Melaleuca irbyana</i>			CE	S
<i>Corchorus cunninghamii</i>	Native jute		E	S
<i>Olearia hygrophila</i>	Swamp daisy	E	E	S
<i>Phaius australis</i>	Lesser swamp orchid	E	E	S
<i>Phaius bernaysii</i>	Golden swamp orchid	E	E	S
<i>Acacia baueri</i> subsp. <i>baueri</i>		V		S
<i>Acacia fimbriata</i> var <i>perangusta</i>	Eprapah wattle		V	S
<i>Baloghia marmorata</i>	Marbled baloghia		V	
<i>Bosistoa selwynii</i>	Heart leaved bosistoa		V	
<i>Bosistoa transversa</i>	Three leaved bosistoa		V	
<i>Cryptostylis hunteriana</i>	Leafless tongue-orchid		V	
<i>Hydrocharis dubia</i>	Frogbit		V	
<i>Macadamia integrifolia</i>	Small fruit Queensland Nut	V	V	S
<i>Marsdenia coronata</i>	Slender milkvine	V	V	
<i>Marsdenia longiloba</i>	Clear milkvine		V	
<i>Prasophyllum fuscum</i>			V	
<i>Thelypteris</i>		V		S

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<i>confluens</i>				S
<i>Blandfordia grandiflora</i>	Christmas bells	R		S
<i>Durringtonia paludosa</i>	Durringtonia	R		S
<i>Leptospermum purpurascens</i>		R		
<i>Schoenus scabripes</i>		R		
<i>Endiandra floydii</i>				S
<i>Phaius tancarvilleae</i>	Swamp orchid			S
<i>Amorphospermum whitei</i>				S
<i>Caustis blakei subsp macarantha</i>	Foxtails			S
<i>Halloragis exaltata</i>				S
<i>Macadamia tetraphylla</i>	Macadamia Nut			S
<i>Eucalyptus curtisii</i>	Brisbane or Plunkett mallee			S
<i>Parastilochia praevenosa</i>				S

Sources: NCA Status = Nature Conservation Act (Qld) status sourced from EPA Wildlife online Extract; EPBC status = Environment Protection Biodiversity Conservation Act status sourced from Protected matters online report; RSC Status – Redlands Planning Scheme Policy 4 status from Redlands Planning Scheme Policy 4. CE = Critically endangered; E = Endangered; S = Locally significant species; V = Vulnerable; R = Rare

### 7.19.2 Threats

**Principle 5:** Protect actual and potential habitat of species of known endangered species.

**Principle 6:** Secure an appropriate level of protection for the habitat of existing populations.

### 7.19.3 Protection

**Principle 7:** Possible or validated sightings or locations of EVR species are not to be made public without the express permission of Environmental Management Group manager.

**Principle 8:** Known sites or areas with 'Listed' species populations should be afforded regular six monthly monitoring and treatment of risk factors that may affect the population.

7.19.4 Management

**Principle 9:** For monitoring and management purposes, locations of known endangered species must be identified via GIS layers and a proxy landmark.

**Principle 10:** Maintain or enhance existing populations through genetically appropriate population management.

**Principle 11:** Rehabilitate habitat where populations occur.

**Principle 12:** Seek opportunities for creating other populations within the City in the appropriate Regional Ecosystem.

7.19.5 Urban koala habitat management

**Principle 13:** Protect and support urban koala populations through vegetation management and enhancement.

**7.20 Fire Management**

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
13	Y	Y	Y	Y	Y	Y	Y	Y		Y
14	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
15	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
16	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
17	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
18	Y	Y	Y	Y	Y	Y	Y			
19	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
22	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
23	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

7.20.1 Overarching Principles

**Principle 1:** Fire operations managers should aim to answer the question of 'what are we managing for?' This is fundamental to fire management planning and operations.

For most fire adapted habitats there is the general acceptance that an appropriate approach is one of mosaic burning- the aim being to create spatial and temporal variation in the fire regimes (frequency, intensity and season) at the landscape level

across fire - prone communities. Given that many flora and fauna species have adaptations to living in a fire prone environment and that different species prefer different successional stages, it is reasonable to undertake active and adaptive management that seek to provide for the diversity of requirements of those species.

A diversity of fire regimes will generate a diversity of habitats and thus support a diversity of species. This approach is also likely to minimise widespread and damaging wildfire. Current information suggests (source FABCON) that, as a minimum 10% of fire prone communities expressed as an area will need to have fire applied to them to maintain ecological processes and keep fuel loads to an acceptable level in terms of community safety.

**Principle 2:** Fire management must be undertaken within legislative guidelines and balance the requirement to protect life, property and the environment.

In undertaking fire management within bushland/ conservation area estate, Council is fulfilling its legislative requirement under the *Queensland Fire and Rescue Authority Act (1990)* to prevent fires from escaping Council land and ensuring fire hazards are reduced. In addition, there is a recognised need to implement ecological sustainable management of Council's bushland parks to ensure that there is a balance between protection of life and property and the maintenance of biodiversity.

**Principle 3:** Fire management must be undertaken in a whole of landscape approach, through a system of zoning, and managed in a manner that protects maintains and enhances biodiversity with consideration for specific vegetation and fauna communities.

That is, fire blocks or management zones are identified through vegetation community types with tracks and trails identified through these communities allowing them to be broken into management zones previously called blocks. Single trails and fire access trails should be used for fuel reduction, fire suppression or ecological burns thus providing the mosaic approach. Mosaic approach requires that within and between these zones there is variability in intervals between fires, time of fire, and intensity of fire.

Fire management for flora, fauna and recreational values of Council reserves needs to be done in significant consideration and cooperation with the fire management practices of neighbouring properties; this includes both private and public land.

**Principle 4:** Council will work with QF&RS officers to deliver consistent fire education messages and programs.

The education and awareness raising of residents is essential to prepare community for the impact of wildfires and to create a greater understanding of the role of fire in the environment.

**Principle 5:** Council will work in partnership with all areas of the QF&RS to provide training and research opportunities to develop a greater understanding of fire in the environment and improve fire fighter knowledge and safety.

**Principle 6:** All fire management should include continuous monitoring for fuel load, fuel structure, vegetation community changes, fire history, fire intensity, fire patchiness, fire

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weather. All fire related data should be recorded in a format that increases Councils capacity to manage fire and which is compatible with other agencies data sets.

The SEQ Fire and Biodiversity Monitoring manual should be used as a minimum requirement for data recording with the results send to SEQFAGC on a regular basis.

**Principle 7:** Where information is required, the latest information must be consulted including: Bushfire Hazard Planning Review, Review of the bushfire hazard overlay Code, the Redland Planning Scheme V3, Conservation Fire Management Framework and Operational Guidelines 2009 and Individual Fire Action Plans (2009). P&C and EMG should also be consulted.

**Principle 8:** A Risk Management Framework needs to be taken in the approach to fire management. This frame work needs to cover:

- A. Research, information and analysis;
- B. Risk Modification;
- C. Readiness;
- D. Response; and
- E. Recovery.

7.20.2 Fire Management Zones (Source - QPWS Fire Management Systems 2003)

**Principle 9:** Council Managed bushland must be zoned as follows to ensure consistent management over time of these areas. Note: Not all zones will be necessary in all bushland areas.

**Table 10. Fire Management Zones**

Fire management zone	Purpose	Guidelines	Fire regime
<p><b>Asset Protection Zone (Fuel Reduction Areas)</b></p>	<p>To create an area of reduced fuel to provide a high level of protection to life, property and infrastructure. The zone therefore typically abuts or surrounds property and key infrastructure and in some cases the whole of an area may be designated as a Protection Zone (e.g. the whole 'yard' area of the protected area headquarters rather than just a 'strip' around it). It may also be used along sections of a boundary where fires are known to regularly enter or leave the protected area. In most cases it will not be possible, necessary or desirable to maintain a Protection Zone around the entire boundary of a protected area. (The width / size of the zone needs to be indicated on a map and also stated as a width measurement on a side table.) It may sometimes be necessary to create an area of reduced fuel around sensitive natural and cultural resources for which fire exclusion is critical. For example, a fire sensitive community would be placed in an Exclusion Zone but to achieve this it may be appropriate to surround it and a buffer area with a Protection Zone. Fuel can be reduced by burning or other means e.g. mowing.</p>	<ul style="list-style-type: none"> <li>• Fuel loads will be managed to enable wildfires to be contained under fire weather conditions which are typical for a particular area and season.</li> <li>• Tracks which allow ready access to fire fighting vehicles may be maintained in this zone but the use of other features, such as fuel and vegetation moisture gradients, to contain fire is encouraged.</li> <li>• All hazardous fuels which are likely to jeopardize wildfire suppression, in particular back-burning operations, must be removed from the area or if they are an essential part of the work environment they must be maintained according to work place health and safety standards (e.g. fuel-free zone around flammable chemicals).</li> </ul>	<p>Intensity: low                      Season: cooler months or any conditions which will ensure a low intensity burn                      Frequency: as often as there is sufficient fuel to carry a fire.</p> <p>Mechanical fuel management (i.e. slashing) may be used in situations where fire is not appropriate.</p>

<p><b>Wildfire Mitigation Zone</b></p>	<p>The location and management of these zones is aimed at increasing the likelihood of controlling a wildfire in strategically important areas within the protected area. The zone will often be located adjacent to a Protection Zone to provide maximum protection to life and property. The zone may also be used to reduce the potential for extensive areas to be burned in a wildfire and the likelihood of fires escaping from the protected area. They should, therefore act to slow the spread of wildfire and thereby facilitate the implementation of wildfire suppression operations. They may be established along the boundary, particularly where the level of risk is too low to warrant a Protection Zone. Where consistent with the primary objectives of a Wildfire Mitigation Zone, it should be managed to conserve biodiversity. Wildfire Mitigation Zones will be most effective when the surrounding fire-prone vegetation has been burned in a mosaic pattern (refer to Conservation Zone).</p>	<ul style="list-style-type: none"> <li>• Fuel loads are to be maintained in a mosaic pattern ranging from low to moderate.</li> <li>• As far as possible the zone should be wider than the average spotting-distance to be expected in a 'normal' fire season. Desirable width will vary from one location to another but may need to be up to 1 or 2 km, in some sensitive, high risk areas.</li> <li>• Wherever practicable/acceptable this zone will be located to take advantage of natural fire control lines.</li> <li>• The zone should be burned in sections to generate a mosaic burn pattern such that the vegetation is not simplified to a single age class but maintains the ecological values of a range of age classes (within the constraints of the primary purpose of the corridor).</li> <li>• It is preferable for this zone to be bordered by well defined and accessible vehicle tracks on all sides, but in particular the edge along which most wildfire suppression activities are likely to be required.</li> </ul>	<p>Intensity: consistent with the ecological requirements of the vegetation communities                  Season: consistent with the ecological requirements of the vegetation communities                  Frequency: within the range acceptable for the ecological requirements of the vegetation communities but generally towards the shorter end of that range.</p>
<p><b>Conservation Zone</b></p>	<p>The purpose of fire management in this zone is to maintain the natural role of fire as an ecological process in vegetation communities and fauna habitats. Habitat diversity is critical to the maintenance of fauna diversity (Recher 1986). In fire-tolerant communities the most widely accepted</p>	<ul style="list-style-type: none"> <li>• This zone is usually located in areas remote from assets and property.</li> <li>• The purpose of planned burns is to produce and/or maintain a mosaic pattern of vegetation with areas of varying age since fire. Ideally, areas</li> </ul>	<p>The fire regimes applied in this zone will vary according to the ecological requirements of the flora and fauna communities present in the zone, and</p>

	<p>means of achieving this is to burn in a highly variable, mosaic (or patchwork) pattern. Each community needs to be 'broken up' into a complex system of interlocking patches, each with a different fire history. These patches must provide a high degree of variation in fire-interval within each vegetation community (consistent with its ecological limits). Some of each community should be left for the maximum fire free interval (consistent with its ecological limits) to facilitate formation of tree hollows, accumulation of litter and logs and to enhance soil formation and stability. How much should be left will depend on the regional context (e.g. the protected area may be surrounded by lands burned at short intervals), extent of the community and the requirements of the flora and fauna comprising the community. To establish such a mosaic requires the use of natural as well as artificial fire control lines, taking advantage of suitable weather conditions (such as high soil moisture and dew), as well as considerable time and effort. Once established however, a mosaic is easier to manage because previously burnt patches act as barriers to assist with containment of each patch burn (Stanton 1993). Burning in this way also allows strategic selection of areas that can remain long unburnt without increasing the fire risk to life and property. Management of this zone indirectly supplements the objectives of the other zones including the Protection Zone and the Wildfire Mitigation Zone. Events/practices which are likely to promote weed invasion (e.g. lighting off road edges) should be avoided.</p>	<p>of the same or similar age will be linked across the landscape to allow movement of fauna which may be dependent upon the particular habitat type created by a vegetation type of that age class.</p> <ul style="list-style-type: none"> <li>• Strategically located tracks, natural fire control lines and previously burnt vegetation will be used to contain planned burns in this zone.</li> <li>• As mosaic burning practices become well developed the reliance on tracks and other constructed control lines should diminish because fires (planned burns or wildfires) can be allowed to burn until they reach areas where the fuel has previously been reduced and the fire can be more easily controlled (Stanton 1993).</li> </ul>	<p>take into account the requirements of cultural resources.</p>
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<p><b>Rehabilitation zone</b></p>	<p>This zone should encompass areas which are intended to be included in a Conservation Zone in the future but whose current management is aimed at combating a threatening process which can not be addressed by the 'usual' fire management practices used in a Conservation Zone to promote and maintain biodiversity.</p>	<ul style="list-style-type: none"> <li>• The zone will only encompass areas where disturbance has resulted in a highly modified environment which is to be rehabilitated to its original state (or some other more natural state) and where fire exclusion or manipulation is required to achieve this aim.</li> <li>• The zone should be bounded by fire control lines (preferably temporary, if not natural) or a surrounding buffer should be burnt in such a way so as to minimise the risk of the rehabilitation Zone being burned in an inappropriate way.</li> </ul>	<p>The fire regime will be determined by the particular needs of the community or communities within the zone.</p>
<p><b>Reference zone</b></p>	<p>This zone is established to allow monitoring of the long-term effects of fire regimes, wildfires or fire exclusion on nature conservation values. Any Reference Zone established on a protected area should also have a documented and approved research and/or monitoring project/s. Not all protected areas will require a Reference Zone/s.</p>	<ul style="list-style-type: none"> <li>• Representative areas of vegetation communities/habitats, of adequate size (the size will depend on the research/ monitoring program to be undertaken), should be included in this zone.</li> <li>• The zone, or buffer around the zone, must be bordered by existing roads, tracks or natural control lines to facilitate the exclusion of unplanned fires from the area.</li> <li>• Wherever practicable/appropriate, the zone will be located in close proximity to Protection and/or Wildfire Mitigation Zones because the planned burning of these areas will maximise the protection of the Reference Zone.</li> <li>• It is generally advisable to distribute the Reference Zones widely across a protected area</li> </ul>	

		<p>to minimise the potential for all the areas to be burnt in a wildfire.</p> <ul style="list-style-type: none"> <li>• Every reasonable precaution should be taken to ensure that Reference Zones can be adequately protected from unplanned fires.</li> <li>• Active wildfire suppression will be carried out, if possible, when Reference Zones are threatened, unless a wildfire will achieve the purpose of the research/monitoring program being undertaken in the zone.</li> <li>• Ideally the fire history of each Reference Zone should be accurately known.</li> <li>• A thorough (preferably quantitative) vegetation (and in some cases fauna and other biota) assessment should be undertaken when the Reference Zone is first established. Monitoring should thereafter be undertaken on a regular basis. Results from the monitoring program must feed back into the Fire Strategy and Planned Burn Program.</li> <li>• Monitoring environmental conditions, including weather, is a critical aspect of Reference Zone management.</li> </ul>	
<p><b>Exclusion Zone</b></p>	<p>The objective for Exclusion Zones is the total exclusion of fire. To the greatest possible extent wildfires threatening this zone will be actively suppressed (protection of life will always be</p>	<p>The following community types will generally be included in this zone:</p> <ul style="list-style-type: none"> <li>- all rainforest types</li> <li>- mangroves, salt marshes, salt flats</li> </ul>	<p>Exclusion of all fire from the zone. Active suppression of wildfires threatening the zone.</p>

	<p>regarded as a higher priority).</p>	<ul style="list-style-type: none"> <li>- coastal foredune communities.</li> <li>• The following community types may be included in this zone (alternatively they may be included in a Conservation Zone) at least for the 'life' of the Fire Strategy:- riparian communities including those along dry creeklines.</li> <li>• Communities should not be included in this zone if, although not planned to be burned, no attempt will be made to prevent wildfires entering them.</li> <li>• A buffer zone, on both sides of the main bed of creeks/rivers, should be protected from fire to promote the recovery/development of riparian systems - these being critical fauna habitat. This may be difficult/ impossible to achieve in the short term and it may therefore be more appropriate to leave such areas within a Conservation Zone. Steps should be taken, where possible, to reduce the risk of these communities being damaged in a planned burn (e.g. light the fire away from the buffer; burn when soil moisture content is high).</li> <li>• It may not be feasible to include the aforementioned communities in the Exclusion Zone when they occur as small stands surrounded by vegetation communities requiring active management with planned burning. In these situations, the closed/wet communities are</li> </ul>	
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		<p>likely to remain largely unburnt during planned burning operations because of their micro-climate (e.g. moister, cooler). Steps should be taken, where possible, to reduce the risk of these communities being damaged in a planned burn (e.g. light the fire away from the sensitive community).</p> <ul style="list-style-type: none"><li>• Assets, other than vegetation communities/habitats may be included in an Exclusion Zone. e.g. cultural sites for which fire exclusion is critical.</li></ul>	
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**Principle 10:** The following should be used as a guide to identify the management requirements of specific fuel reduction areas.

**Table 11. Fuel Reduction Areas**

Fuel Reduction Area Types							
Level of Protection & Firebreak Type No.	Slope	FFZ (m)	FRZ (m)	Vegetation	Access	Constraints	Potential Situation
<b>1</b> Maximum use in areas of high risk to property	< 15°	15	5	Open forest in extreme fire risk areas adjacent to built assets or significant environmental assets.	<ul style="list-style-type: none"> <li>• Suitable for large and small fire appliances.</li> <li>• Fire appliance to traverse along the entire length of break and to turn around easily.</li> <li>• Access available from both ends.</li> <li>• Dual directional access along break.</li> </ul>	<ul style="list-style-type: none"> <li>• Not suitable for erodible soils or steep slopes eg. &gt;12 degrees.</li> <li>• Minimise erosion with water inverts and side drains.</li> <li>• Plan for reduced visual impact.</li> <li>• Removal of all fine and medium fuels.</li> </ul>	A type 1 firebreak would be required in a large bushland park (> 40 ha) where the adjacent assets are in close proximity to the park boundary.
<b>2</b> High Use in areas of high risk to property.	10° > < 15°	10	5	Open forest in extreme fire risk areas adjacent to built assets or significant environmental assets.	<ul style="list-style-type: none"> <li>• Suitable for large and small fire appliances.</li> <li>• Fire appliance to access entire length.</li> <li>• Dual directional access along</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for most soils except those susceptible to erosion.</li> <li>• Minimise erosion with water inverts &amp; side drains.</li> <li>• Plan for reduced</li> </ul>	A type 2 firebreak would be required in a medium to large bushland park (<40 ha > 10 ha) where the protection of property is less than a type 1 situation.

					break.	visual impact.	
<b>3</b> Moderate Use in areas of moderate risk to property.	$5^0 > < 10^0$	5	<5	Open forest & woodland in fire prone areas	<ul style="list-style-type: none"> <li>• Suitable for small fire appliances.</li> <li>• One-way access along break.</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for all soil types.</li> <li>• Minimise erosion with water inverts.</li> </ul>	A type 3 firebreak would be required for medium bushland parks (10 ha) where the risk to property is relatively high.
<b>4</b> Low moderate Use in areas of low risk to property.	$< 5^0$	5	0	Woodlands and grasslands in areas of low fire proneness. Can be used for internal firebreaks around fire management blocks	<ul style="list-style-type: none"> <li>• Suitable for small fire appliances.</li> <li>• If used as fire management block boundary may only be suitable as a walking track.</li> <li>• One-way access along break.</li> </ul>	<ul style="list-style-type: none"> <li>• Suitable for all soil types.</li> <li>• Minimise erosion with water inverts.</li> </ul>	A type 4 firebreak is for use in all bushland parks where the risk to property is low or the size of the bushland park is relatively small (<10 ha).
<b>5</b> Minimum Use in areas of very low risk to property.	$< 2^0$	3	0	Woodlands and grasslands in small bushland parks. Walking tracks in larger bushland	<ul style="list-style-type: none"> <li>• Restricted access for small appliances onto and along break.</li> <li>• Main access through private properties</li> <li>• Mostly used for pedestrian</li> </ul>	Suitable for all soil types	A type 5 firebreak is for use around small bushland areas or corridors as well as internal firebreaks in larger bushland parks.

				<p>parks areas can be classified as type 5 firebreaks</p>	<p>access.</p>		
<p><b>6</b> Minimum Use in areas of very low risk to property.</p>	<p>&lt; 2<sup>0</sup></p>	<p>1-2</p>	<p>0</p>	<p>Woodlands and grasslands in small bushland parks. Walking tracks in larger bushland parks areas can be classified as type 6 firebreaks</p>	<ul style="list-style-type: none"> <li>• Main access behind private properties</li> </ul>	<p>Suitable for all soil types</p>	<ul style="list-style-type: none"> <li>• A type 6 firebreak is for use in areas of low fire risk where timber fences are present.</li> <li>• Can be utilised as an internal firebreak for prescribed burning.</li> </ul>
<p><b>7</b> Minimum Use in areas of very low risk to property.</p>	<p>&lt; 2<sup>0</sup></p>	<p>Whole block mow/ Open areas</p>	<p>0</p>	<p>Woodlands and grasslands in all bushland parks.</p>	<ul style="list-style-type: none"> <li>• Open areas beside private properties and between zones</li> </ul>	<p>Suitable for all soil types</p>	<p>They are generally open areas that mown to improve the visual aspect of an area and an area that in the future will be revegetated.</p> <ul style="list-style-type: none"> <li>• Generally utilized on SMBI as whole block slash.</li> </ul>

### 7.20.3 Fire regimes -community types

**Principle 11:** The specific objectives of these reserve areas depend upon the vegetation community. The following is an overall guideline and is dependant on the zoning will provide detail of the vegetation type, the objectives and fire regime. Vegetation communities found within the conservation area are:

- Riparian Communities should be managed to promote development of a complex riparian habitat be fire exclusion from streamline habitat. Minimise risk of weed invasion. Protection through fire exclusion of riparian habitat containing *Gahnia clarkei*. (QPWS, 2003).

Fire Regime: Planned burns should be conducted when substrate is sufficiently moist. Overall low fire intensity. Minimum fire free intervals of between 15 and 30 years. (QPWS, 2003).

- Rainforest/vine forests are areas where fire exclusion is preferable in. These communities will burn in extreme drought conditions coupled with invasion of weed species like lantana etc. Management of weed species within ecotonal areas is required to minimise fire risk.

Fire regime: Total protection is required. Burning of adjacent vegetation community types may assist in reducing threat of extreme wildfires.

- Dry Sclerophyll Communities should be managed to maintain a range of ages, time and intensity of fire. Ensure structural diversity within the mid and ground strata and to maintain overall diversity. Minimise loss of mature and hollow bearing trees. Maintain ground cover of leaf litter and fallen logs. Provide a balance to the short fire intervals that eucalyptus forest and woodlands are subjected to throughout the district. Suppress weed species and minimise the risk of invasion.

Fire regime: Burns should be conducted when substrate is sufficiently moist. Fire free interval of 3 to 6 years is suggested for areas supporting grassy understorey and 7 - 25 years for areas supporting shrubby understorey. Care to be taken when burning off tracks or roadsides to minimise risk of weed invasion and spread from these high risk areas. This requires specific attention to lighting patterns or specific attention to weed control before and after burning.

### 7.20.4 Fire Regime- Regional Ecosystems & status

**Principle 12:** Fire Management practices must ensure the continued existence of all ecosystems classified as 'endangered' or 'of concern' and are given extra fire planning attention.

**Principle 13:** Table 12 must be considered in guiding fire regimes for specific REs. A number of the City's REs are under threat and must be managed to ensure their continued existence.



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**Table 12. Regional Ecosystem Fire Regimes**

RE	Description	Type	Bio Status	Fire requirements	Fire Frequency
12.1.1	Casuarina glauca open forest on margins of marine clay plains	Wetland	E	This community does not require fire for the maintenance of it's ecological functions	Non Burn
12.1.2	Saltpan vegetation including grassland and herbland on marine clay plains	Wetland	NC	This community does not require fire for the maintenance of it's ecological functions	Non Burn
12.1.3	Mangrove shrubland to low closed forest on marine clay plains and estuaries	Wetland	NC	This community does not require fire for the maintenance of it's ecological functions	Non Burn
12.2.1	Notophyll vine forest on parabolic high dunes	Closed Forest	OC	Fire should be excluded from these communities. Found in isolated parts of NSI. These communities contain mesic species mostly and will not carry fire unless subsequent to drought periods	Non Burn
12.2.2	Microphyll / notophyll vine forest on beach ridges	Closed Forest	E	Fire should be excluded from these communities. Commonly described as littoral rainforest	Non Burn
12.2.5	Corymbia spp., Banksia integrifolia, Callitris columellaris, Acacia spp. open forest to low closed forest on beach ridges usually in southern half of bioregion	Closed Forest	OC	Variable fire intervals. Shrubby understory	7-25 years
12.2.5a	Swales dominated by Melaleuca quinquenervia often with Livistona spp. Occurs on Quaternary coastal dune swales	Wetland	OC		Non Burn
12.2.6	Eucalyptus racemosa woodland on dunes and sand plains. Usually deeply leached soils	Wetland	NC	Variable fire intervals. Grassy understory	3-6 years
12.2.7	Melaleuca quinquenervia or M. viridiflora open forest to woodland on sand plains	Wetland	OC	Planned burns should be conducted when substrate is wet to avoid the risk of peat fire	15-30 years

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12.2.8	Eucalyptus pilularis open forest on parabolic high dunes	Open Forest	NC	Low intensity burns stimulate establishment of <i>Acacia</i> spp. and does not affect <i>Allocasuarina torulosa</i> . Data shows Low intensity burns tend to produce minimal change in community composition and structure	5-15 years
12.2.9	Banksia aemula woodland on dunes and sand plains  Usually deeply leached soils	Wetland	NC	Variable intervals between 7-20 years with emphasis on intervals between 8-12 years. Planned burns in wet heaths should be conducted when substrate is wet to avoid the risk of peat fire	7-20 years
12.2.10	Mallee Eucalyptus spp. and Corymbia spp. low woodland on dunes and sand plains, especially southern sand mass islands. Usually deeply leached soils	Wetland	NC	Variable depending on understory	7-20 years
12.2.12	Closed heath on seasonally waterlogged sand plains	Wetland	NC	Planned burns in wet heaths should be conducted when substrate is wet to avoid the risk of peat fire	8-20 years
12.2.13	Open heath on dunes and beaches	Heath	OC	Variable fire intervals	7-20 years
12.2.14	Foredune complex of grassland and open forest	Marine	NC	Variable fire intervals. Grassy understory	3-6 years
12.2.15	Swamps with Baumea spp., Juncus spp. and Lepironia articulata	Wetland	NC	Seasonal to permanent water bodies with a range associated terrestrial and aquatic flora and fauna	Non Burn
12.2.16	Sand blows largely devoid of vegetation	Sand	OC	Large masses of sand that does not support fire	Non Burn
12.3.1	Gallery rainforest (notophyll vine forest) on alluvial plains	Closed Forest	E	This community does not require fire for the maintenance of it's ecological functions	Non Burn

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12.3.5	Melaleuca quinquenervia open forest on coastal alluvium	Wetland	OC	This community is located along waterway and ephemeral wetlands throughout the City. Although fire is part of this community, it's occurrence would be limited to periods following extended dry periods. Fuel load reduction in these areas may be better achieved using physical fuel reduction rather than burning	5-25 years
12.3.6	Melaleuca quinquenervia, Eucalyptus tereticornis, Lophostemon suaveolens woodland on coastal alluvial plains	Wetland	NC	Fire is an essential part of the community. This community is located along waterway corridors and on higher flood plains associated with waterways. Depending on the current land use this community can contain significant fuel loads from a dominance of weeds and exotic grasses	8-20 years
12.3.8	Swamps with Cyperus spp., Schoenoplectus spp. and Eleocharis spp.	Wetland	OC	This is a wetland community. Fire can contribute to the biodiversity values of this community but can also have long term impacts through opening up niches for weed invasion	Non Burn
12.3.11	Eucalyptus siderophloia, E. tereticornis, Corymbia intermedia open forest on alluvial plains usually near coast	Open Forest	OC	This community is responsive to fire. It is also know as good Koala habitat. The understory of this community can have a propensity to be dominated by weeds such as lantana and exotic grasses which can increase fuel loads	8-12 years
12.3.13	Closed heathland on seasonally waterlogged alluvial plains usually near coast	Heath	OC		
12.5.2	Eucalyptus tereticornis, Corymbia intermedia on remnant Tertiary surfaces, usually near coast. Usually deep red soils	Open Forest	E	This community is responsive to fire and required fire as part of its natural ecological function	8-18 years
12.5.3	Eucalyptus tindaliae and/or E. racemosa open forest on remnant Tertiary surfaces	Open Forest	E	This community is responsive to fire and required fire as part of its natural ecological function	8-18 years
12.5.9	Sedgeland to heathland in low-lying areas on complex of remnant Tertiary surface and Tertiary sedimentary	Wetland	OC	Fire is a normal requirement of this community	8-20 years

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	rocks				
12.9-10.4	Eucalyptus racemosa woodland on sedimentary rocks	Open Forest	NC	Fire is a normal requirement of this community. This community is responsive to fire and required fire as part of its natural ecological function. The understory in these communities can contain upland heath species (e.g. <i>Attrotriche aggregata</i> ) as well as grasses, other herbs and grass trees.	5-12 years
12.9-10.17	Open forest complex often with Eucalyptus acmenoides, E. major, E. siderophloia ± <i>Corymbia citriodora</i> on sedimentary rocks	Open Forest	NC	The understory is a mix of shrubs and grasses and in most cases a range of weeds has invaded this understory. Spotted gum forest can be depauperate of understory vegetation and the groundcover can be restricted particularly following long periods of drought.	8-12 years
12.9-10.17a	<i>Lophostemon confertus</i> dominated open-forest. Occurs in gullies and southern slopes on Cainozoic and Mesozoic sediments	Open Forest	NC	This community is often restricted to gullies and as such is likely to contain fire sensitive species. Many of these communities have been disturbed by previous landuse with subsequent weed invasion from <i>Lantana camara</i> . Fire can occur in these communities although location of these communities in RCC area will likely result in protection of these areas from fire.	Non Burn
12.9-10.19a	Open-forest of <i>Corymbia henryi</i> ± <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i> , <i>Corymbia citriodora</i> , <i>E. siderophloia</i> , <i>E. crebra</i> . Occurs in coastal areas on Cainozoic and Mesozoic sediments	Open Forest	NC	Fire is a natural part of this community. This community is usually located on dry ridges and spurs on sandstone landscapes. The understory in these communities is usually restricted to grasses and herbaceous species.	8-15 years
12.11.3a	Open forest generally with <i>Eucalyptus siderophloia</i> , <i>E. propinqua</i> on metamorphics ± interbedded volcanics	Open Forest	NC	Fire is a natural part of this community. This community is usually found on a southerly to easterly aspect with shrubby to grassy understory.	12-25 years
12.11.5	Open forest complex with <i>Corymbia citriodora</i> , <i>Eucalyptus siderophloia</i> , <i>E. major</i> on metamorphics ± interbedded volcanics	Open Forest	NC	Fire is a natural part of this community. This community occurs over a wide range of landscapes and depending on the landscape, the frequency may differ.	8-25 years

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12.11.5a	12.11.5a: Open forest of <i>Eucalyptus tindaliae</i> , <i>Eucalyptus carnea</i> ± <i>Corymbia citriodora</i> , <i>Eucalyptus crebra</i> , <i>Eucalyptus major</i> , <i>Corymbia henryi</i> , <i>Angophora woodsiana</i> , <i>C. trachyphloia</i> (away from the coast) or <i>E. siderophloia</i> , <i>E. microcorys</i> , <i>E. racemosa</i> , <i>E. propinqua</i> (closer to the coast). Occurs on Palaeozoic and older moderately to strongly deformed and metamorphosed sediments and interbedded volcanics	Open Forest	NC	Fire is a natural part of this community. This community is usually located on dry sloping landscapes on northerly to southerly aspects. Depending on aspect, stringy barks may be replaced by spotted gums and ironbarks. The understory can be shrubby but is likely to be more dominated by grasses.	8-15 years
12.11.5e	Open-forest complex in which spotted gum is a relatively common species. Canopy trees include <i>Corymbia citriodora</i> , <i>Eucalyptus siderophloia</i> or <i>E. crebra</i> (sub coastal ranges), <i>E. major</i> and/or <i>E. longirostrata</i> and <i>E. acmenoides</i> or <i>E. portuensis</i> and/or <i>E. carnea</i> and/or <i>E. eugenioides</i> . Other species that may be present and abundant locally include <i>Corymbia intermedia</i> , <i>C. trachyphloia</i> , <i>Eucalyptus tereticornis</i> , <i>E. propinqua</i> , <i>E. biturbinata</i> , <i>E. moluccana</i> and <i>Angophora leiocarpa</i> . <i>Lophostemon confertus</i> often present in gullies and as a sub canopy or understorey tree. Mixed understorey of grasses, shrubs and ferns. Occurs on hills and ranges of Paleozoic and older moderately to strongly deformed and metamorphosed sediments and interbedded volcanics.	Open Forest	NC	Fire is a natural part of this community. Where community tends to mesic species in gullies, fire should be avoided as a management tool.	8-15 years
12.11.5h	Woodland to open forest of <i>Eucalyptus planchoniana</i> , <i>E. carnea</i> and <i>Angophora woodsiana</i> ± <i>E. fibrosa</i> subsp. <i>fibrosa</i> , <i>E. racemosa</i> , <i>Corymbia intermedia</i> , <i>C. trachyphloia</i> , <i>E. tindaliae</i> , <i>E. resinifera</i> . Occurs on Palaeozoic and older moderately to strongly deformed and metamorphosed sediments and interbedded volcanics	Open Forest	NC	Fire is a natural part of this community. This community contains a shrubby understory containing any heathy species.	8-15 years

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12.11.5j	Open forest of <i>Eucalyptus racemosa</i> , <i>E. seeana</i> and <i>Lophostemon suaveolens</i> ± <i>Corymbia intermedia</i> , <i>E. siderophloia</i> , <i>C. citriodora</i> , <i>E. pilularis</i> on low-altitude coastal metamorphics around Brisbane. <i>Melaleuca quinquenervia</i> is often present and at times becomes locally co-dominant. Occurs on Palaeozoic and older moderately to strongly deformed and metamorphosed sediments and interbedded volcanics.	Open Forest	NC	Fire is a natural part of this community. This community can occur on lower elevations and in locations where moisture stays in the soil profile and substrate due to poor drainage. As such, a shrub lay often occurs with this community.	5-15 years
12.11.5k	12.11.5k: Open forest of <i>Corymbia henryi</i> , <i>Eucalyptus fibrosa</i> subsp. <i>fibrosa</i> ± <i>C. citriodora</i> , <i>Angophora leiocarpa</i> , <i>E. carnea</i> , <i>E. tindaliae</i> , <i>E. propinqua</i> , <i>C. intermedia</i> . Occurs on drier ridges and slopes on Palaeozoic and older moderately to strongly deformed and metamorphosed sediments and interbedded volcanics.	Open Forest	NC	Fire is a natural part of this community. This community occurs on drier landscapes with the understory usually dominated by grasses, herbs and shrub species.	8-15 years
12.11.10	Notophyll vine forest ± <i>Araucaria cunninghamii</i> on metamorphics ± interbedded volcanics	Closed Forest	NC	Fire should be excluded from these communities. These communities contain a significant composition of fire sensitive species.	Non Burn
12.11.23	Tall open forest of <i>Eucalyptus pilularis</i> open forest on metamorphics and interbedded volcanics	Open Forest	E	Fire is a natural part of this community. Blackbutt communities can contribute substantially to fuel loading. Due to this propensity, fire as a management tool should be done so cautiously or avoided.	12-30 years
12.12.14	Shrubby woodland usually of rocky near coastal areas on Mesozoic to Proterozoic igneous rocks	Open Forest	OC	Naturally restricted forest type.	4-8 years
12.12.19	Vegetation complex of rocky headlands, predominantly but not exclusively on Mesozoic to Proterozoic igneous rocks	Marine	OC	Adapted to a range of fire intervals depending on their relationship to the surrounding matrix. Notwithstanding this, variable intervals between 5 and 15 years are suggested.	5-15 years

### 7.20.5 Fire trails Classification

**Principle 14:** Valid and reasoned argument for the type of fire trail systems must be achieved prior to the construction or upgrade of fire trail networks.

**Principle 15:** The following table of fire access track classification should be used for the planning and management of fire access tracks. This classification system outlines the different types of construction and the specifications and provides guidance to the construction of the firetrails themselves.

**Table 13. Fire Access Track Classification**

Class and Descriptor term used	Maximum Slope of Track	Minimum Width of Track	Suitability for Vehicles	Other Details
<b>Class 1 Fire trail</b>	0 - 15° (Preferably not more than 10°)	4m (plus 1m either side clear of bushes and long grass)	Urban Fire Appliances to 28tonnes And 2 Wheel drives	<ul style="list-style-type: none"> <li>• Passing facilities either by: Reversing bays of 6m wide, such as the access points to properties.</li> <li>• Passing bays located where possible every 200m, 20 m long and with an additional 3m added to track width in the passing bay section</li> <li>• Minimum vertical clearance of 6m to any overhanging obstructions, including tree branches</li> <li>• Curves with a minimum inner radius of 6m and outer radius of 12m (and as few curves as possible to facilitate rapid access and egress)</li> <li>• Appropriate drainage and erosion controls (See drainage tables).</li> <li>• Trafficable in all weather.</li> <li>• Frequently connected to the property access road and/or through road system.</li> <li>• Entrance marked by RED arrow or recreational trail marker (minimum 100mm high, 150mm long).</li> </ul>
<b>Class 2 Fire trail</b>	0 - 20°	4m	Medium 4 x 4 Rural Fire Appliances (Cantor equivalent) to approx 10t GVM	<ul style="list-style-type: none"> <li>• Suit construction by grader/dozer with angle tilt blade or other machines capable of meeting drainage requirements.</li> <li>• Passing facilities where possible every 200 – 300m.</li> <li>• Appropriate drainage and erosion controls (See drainage tables).</li> <li>• Trafficable in dry weather. Tracks with treacherous or impassable sections in wet weather marked on map and track "Danger when Wet".</li> <li>• One way tracks marked on map and track marker.</li> <li>• Entrance marked by RED AND YELLOW striped arrow or recreational trail marker (minimum 100mm high, 150mm long).</li> </ul>
<b>Class 3 Fire trail</b>	0 - 30°	3m	Light 4 x 4 Striker vehicles (Landcruiser equivalent) to approx 5t GVM	<ul style="list-style-type: none"> <li>• Suit construction by D6 grader/dozer with angle tilt blade or other machines capable of meeting drainage requirements.</li> <li>• Passing facilities where possible every 200 – 400m.</li> <li>• Appropriate drainage and erosion controls (See drainage tables.)</li> <li>• Trafficable in dry weather. Tracks with treacherous or impassable sections in wet weather marked on map and track "Danger when Wet".</li> </ul>

				<ul style="list-style-type: none"> <li>• One way tracks marked on map and track marker.</li> <li>• Entrance marked by YELLOW arrow or recreational trail marker (minimum 100mm high, 150mm long).</li> </ul>
<b>Class 4 Trails Temporary Fire Line and pedestrain paths / mountian bike trails.</b>	0 - 50°	1 – 2m	Firefighters on foot	<ul style="list-style-type: none"> <li>• May take the form of chiplines, slashlines, bike tracks, footpaths, recreational trails or wet creek beds.</li> <li>• Temporary fire lines should be marked by temporary means, such as marking tape, spray paint or similar means.</li> </ul>

Notes: QPWS Road Classification System classifies all Firelines as “Class F”, and delineates between Formed / Unformed construction, and Sealed / Unsealed surface. The proposed classification above relates more to their practical accessibility and functional application.

#### 7.20.6 Trail assets and infrastructure

**Principle 15:** Culverts and creek crossings should be engineered to the vehicle loading as indicated by the class of trail on which they are installed.

**Principle 16:** They should have the capacity to accommodate peak water flows based on 1 in 5 year rainfall events. This requires appropriate pipe diameter and/ or construction which resists damage from water passing over the crossing structure in extreme flows.

**Principle 16:** Gates are to be constructed to RCC design Manual Standards, and are required to use a lock and key system.

**Principle 17:** Existing single tracks should be rationalised to assist in prescribed burning within fire management zones.

**Principle 18:** Maintenance of existing fire access tracks should:

- Facilitate appropriate recreation;
- Be rationalised where appropriate in light of property boundary issues, ecological issues and erosion and sedimentation issues;
- Undergo regular inspection tracks to remove any trees or branches that block access as well as fixing any erosion problems identified;
- Maintained by grading every two to three years and particular attention made in realigning sections vulnerable to erosion. Note: This should be considerate of resources. That is, If tracks are in good repair, do not disturb unnecessarily; and



- Maintenance of tracks throughout the City's reserves should be based on the type and proposed fuel reduction area.

#### 7.20.7 Trail Marking - prior to construction

**Principle 19:** In order to optimize the efficiency and sensitivity with which trails are constructed, marking out of certain sections of trail will be undertaken on foot by marking out basic intervals depending on visibility. Generally, vegetation with less than 10-15cm basal diameter can be removed, depending on species and overhanging limbs etc.

#### 7.20.8 Trail Marking - after construction

**Principle 20:** The entrance to various firelines will be marked in accordance with SEQ wide standards, which are were being developed at the time of completing this document. Once completed, these will be integrated into this document.

#### 7.20.9 Drainage and Erosion Controls

**Principle 21:** Minimise concentrated water volume and velocity, and hence its erosion potential (or cutting power), both on and off the fireline. This in turn minimises the potential environmental impacts of the fireline, and also reduces long term maintenance requirements and financial cost consequences.

**Principle 22:** Where contractors are engaged in the construction of firelines, the following guidelines should be utilised to maximise sustainability and minimise maintenance of fire trails:

***Drainage Frequency-*** Cross drains or side drains should be used with regular frequency dictated by slope and erodibility, and guided by the following QPWS / FABCon table: CROSS / SIDE DRAIN SPACING (Meters).

**Table 14. Drainage**

GRADE	DRAINAGE OFFSET	SOIL ERODABILITY RATING ( * )		
		<i>Low</i>	<i>Moderate</i>	<i>High</i>
Degrees	Degrees			
< 2	Up to 30	200m	175m	100m
3 – 5	Up to 30	160m	120m	60m
6 – 7	Up to 20	120m	75m	40m
8 – 10	Up to 20	75m	50m	25m
11 – 15	Up to 10 (?)	30m	20m	15m
15 +	Up to 5 (?)	20m	15m	15m

( \* ) Use the higher erodability rating unless actual erodability is known.

**Principle 23:** The following should be used as a guide to the use of specific drainage types

- **Drainage Types** –specific drainage types that are appropriate for site specific use and conditions should be used due to their affect on the sustainability and long term effectiveness of the drains themselves.
- **Angled Cuts** – are preferred as they ensure that the water cuts across undisturbed soil face which still has the strength provided by the original soil structure. This is likely to be more durable than Angled Mounds. The finer the offset angle of the cut the better, to minimize water friction. The table above provides guidance on drainage offset angles.
- **Angled Mounds** – (or “Water Bars”) should be used in conjunction with Angled Cuts, as mounds based on unstructured soil alone will erode quickly.
- **Inverts** – in highly erodable soils and steep areas, care should be taken in using inverts because of the severe angle at which they redirect water. If water volume exceeds the redirecting- capacity of the invert water will easily flow straight over the invert and possibly exacerbate damage further down the slope.
- **Cross banks** – Mounds of earth built across a gravel track or road should be used where appropriate. Ensure sufficient height and length of mound area, and that freeboard of at least 600m exists to sufficiently divert water.
- **Drainage exits and outfalls-** The objectives with drainage exits and outfalls are:
  1. To spread water as broadly as possible (avoiding concentration of water volume and cutting power) with open and even - ended drain ends.
  2. Avoid restrictions or blockages at the end of drainage outfalls, which will cause the drainage exit point to narrow. Ensure a minimum fall of 1% within the drain area to ensure it does not become blocked.
  3. To direct water to both sides of the fireline (if ridge-like topography permits) rather than just to the one side (in side cuts).
  4. Where possible direct the exits to flatter areas rather than steeper, and to areas where there will be less relative impact on existing runoff volumes.
  5. Where possible divert drainage into undisturbed areas in adjacent forest.

### 7.21 Specific Management Zones

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	
4			Y	Y	Y	Y		Y	Y	
5	Y	Y	Y	Y	Y	Y		Y	Y	Y
6	Y	Y	Y	Y	Y	Y		Y	Y	Y
7	Y	Y	Y	Y	Y	Y		Y	Y	Y
8	Y	Y		Y		Y		Y	Y	Y
9	Y	Y	Y		Y			Y	Y	
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11							Y			
12								Y	Y	Y

13									Y	Y	Y
14									Y	Y	Y
15									Y		
16									Y	Y	Y
17									Y	Y	
18									Y	Y	
19									Y	Y	
20	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Larger area of reserve land may incorporate a number of elements (ecological zones) in the landscape such as riparian corridors, non-riparian areas, drainage areas, waterbodies and general habitat. The same area of land may also incorporate a range of uses that may or may not be compatible with specific ecological zones. Although a parcel of land may be delineated under this strategy as a particular type of reserve e.g. 'Conservation Area', consideration must be given to the management of the varying zones that it encompasses. Principles relating to specific management zones are outlined below.

### 7.21.1 Riparian Zones

**Principle 1:** Buffers should be 100m or greater on both sides of watercourse.

**Principle 2:** In instances where buffers are less than 100m than an ecological assessment and justification is required.

**Principle 3:** In larger reserves areas it is preferable that no new recreational infrastructure should be located within 30 metres of a watercourse as edge effects limit the usability of a corridor to vulnerable species such as small bird, ground mammals and rare plants and may facilitate erosion and loss of water quality. This primarily applies to 'Conservation Areas' and 'Nature Reserves'.

**Principle 4:** In smaller reserves, distances are often smaller than 30 metres to a water course. In this case fire breaks should be used for paths etc

**Principle 5:** Any replacement of recreational assets should aim to be placed outside the 30m buffer zone if possible.

**Principle 6:** If a track is considered essential to cross a watercourse, it must be sited to cross by the shortest and most environmentally considerate route.

**Principle 7:** Any riparian vegetation is preferable to none.

**Principle 8:** Where present vegetation width is less than 100 metres in width from the watercourse, then enhancement planting should be carried out as per Council's Vegetation Enhancement Strategy.

**Principle 9:** No motor or engine powered watercraft are to be used in the freshwater reaches of the City's waterways.

### 7.21.2 Non-riparian Corridors and Waterbodies

**Principle 10:** More than 200 metres total width is required in order to provide viability of habitat and to better facilitate fauna movement.

**Principle 11:** In the case where widths selected are less than 200m, then an ecological assessment and justification is required, including reasons for widths below 60m.

**Principle 12:** Artificial waterbodies, where not required for downstream flood management purposes, should be investigated for ecological values and potential for rehabilitation to a natural state.

This applies to impoundments that may return an environmental flow to downstream creeks. Issues which have relevance to artificial waterbodies include aquatic ecosystem processes and watercourses.

**Principle 13:** Sedimentation infrastructure such as sedimentation basins may be used to protect natural waterbodies as per section 7.2.7.

### 7.21.3 Foreshore and Littoral Zones

**Principle 14:** Foreshore vegetation must be managed to increase condition and extent of Regional Ecosystems associated with foreshore and littoral zones.

### 7.21.4 Man-made waterways

These are systems that have been entirely man-made or heavily disturbed and 'engineered' drainage systems that support or can be designed to support habitat composing of native plant species and associated fauna species.

**Principle 15:** Design of drainage must aim to 'make as natural as possible'.

**Principle 16:** Drainage systems must aim to address environmental and social concerns, such as;

- Preservation of an ecosystem's integrity by conserving or promoting diverse communities and species and the processes that support them,
- Development of self-sustaining system to minimise long term maintenance costs and any adverse downstream impacts, and
- Design and or incorporation of attractive natural features to improve and integrate the landscape of the watercourse.

**Principle 17:** Design of channels with the dual purpose of providing drainage and habitat must consider 'Manning's flow equation' in assessing flow levels and velocity.

**Principle 18:** Where drainage lines exist, habitat should be protected and enhanced to the point that it does not significantly interfere with the flow rates that the system was designed for and does not directly contribute to flooding of surrounding areas.

**Principle 19:** Where more specific design principles are required consultation must occur in conjunction with RCC Infrastructure Planning and range of resources such as Natural Channel Design Guidelines 2000 (Brisbane City Council).

### 7.21.5 Fodder Forest

**Principle 20:** These areas are to be cadastrally separated from reserves in which they are located and managed and maintained for use as fodder for sick koalas and other wildlife. Flowers and leaf tips are pinched and pruned to promote vigorous leaf growth.

## 7.22 Monitoring

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** All revegetation/regeneration works for reserves in the city that are undertaken will be recorded in a central database that is an agreed format.

**Principle 2:** Areas to be revegetated/ regenerated will be recorded spatially (Polygon) through the use of Arcpad or redemap for inclusion in GIS system mapping.

**Principle 3:** Spatial mapping will be linked to a list of species for each polygon that will be consistent with the Regional Ecosystem for that site.

**Principle 4:** An account of the densities of the quantity of species that will be used in each strata will be recorded (eg Table15).

**Table 15. Example of recording planting densities (VES)**

RE:12.____.____	Total plants (based on areas * planting)	Tube stock	Seed
Canopy 20% (ie trees)	1866	1866	
Mid storey 40% (ie shrubs)	3732	1866	1866
Lower/ground 40% (ie ferns)	3732	1866	1866
<b>Total</b>	<b>9330</b>	<b>5598</b>	<b>3732</b>

**Principle 5:** Any proposed revegetation/ regeneration plans for areas that are intended to come to Council reserve as part of a development process must be inspected and approved by Parks and Conservation.

**Principle 6:** Any revegetation/ regeneration areas that are intended to come to Council reserve as part of a development process must be approved by Parks and Conservation as being satisfactory before coming to off maintenance

**Principle 7:** Bushcare will undertake an annual assessment of the quality and progress revegetation works for each of its bushcare and community planting sites. Information as a minimum is to include: weed presence, density and species, natural recruitment, canopy closure, need for infill planting to help site meet plant community associated with RE, expansion or decrease in extent of planting, use of planting by fauna.

**Principle 8:** Parks and conservation will undertake an annual assessment of the quality and progress revegetation works for each of its planting sites.

### 7.23 Volunteer Management

Relevant to Conservation area										
Principle	CA&CP	NR	BR	NB	CC	UH	CF	W	DR	RR
1	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
2	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
3	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
4	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
6	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
7	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
8	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
9	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
10	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
11	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
12	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Principle 1:** All Bushcare volunteers should be recorded in register operated by Councils Risk and Liability Services as per Council's Volunteer Management Policy.

**Principle 2:** If non-Bushcare volunteer (e.g. TAFE students), they must seek permission for works with conservation officers to work on site and be supervised by qualified person. Works are under directions of supervising council officer. Their governing insurance is used first, and all those that are not engaged through HR fill-in and sign Bushcare C-forms.

**Principle 3:** Any organised event outside of normal Bushcare (e.g. spotlight, community planting, social day etc) requires liaison with RCC conservation officers to ensure strategic outcomes. If area needs 'reserving', then it should be directed to Administration Officer - Reserve and Bookings. This includes 'after hours' of the reserves.

**Principle 4:** All volunteers must have undertaken Council site induction and OH&S training (undertaken though the Bushcare Program).

**Principle 5:** Volunteers must sign C-form (risk assessment/sign on forms) prior to Bushcare work. These should be returned to Bushcare officer.

**Principle 6:** All volunteers must be registered volunteers. This includes signing and returning registrations forms acknowledging they are aware of their responsibilities etc prior to their 2nd visit (i.e. they may sign C-form on 1st visit, but be registered by next visit).

**Principle 7:** Volunteers must abide by all requirements/directives under the Bushcare program.

**Principle 8:** All activities of Bushcare Groups must be outlined in an annual workplan and must be forwarded to Council Bushcare and P&C officers for approval.

**Principle 9:** Volunteers must not work alone.

**Principle 10** All Bushcare volunteers must work under direction of their Bushcare officer and follow an approved workplan. Works must be minimal in potential damage with no mechanical machines and only round-up bi-active used. Revegetation standards align with Bushcare standards (i.e. essentially, plant what occurs in area and work from best to worst areas).

**Principle 11** All flora and fauna are protected and cannot be removed without direct permission of their Bushcare officer. Seed can be collected under blanket seed collection permit.

**Principle 12** Council's reserve sign restrictions apply to volunteers, unless permission is granted (e.g. no dumping, bike riding etc where applicable).

## 8 ACTION PLAN

Table 16. Action Plan

Objective	Action	Outcome	Responsible	Partners	Timing (yrs)	~Cost
1. To provide reserve information and data provision/capture in a user friendly format.	Develop an electronic database based on redemap/proclaim/Maximo to record reserve attributes	Database will supply information for land managers and also act as a data collection tool for pest management, revegetation, asset capture and reserve development etc	EM	All I.T.	1	Officer time
2. Ensure all reserves meet intents for which they are classified.	Undertake audit of all reserves ensuring they are classified appropriately and are managed to meet requirements of this strategy.	Reserves that meet intended management intents for reserves type.	EM	P&C	3	Officer time
3. Create full species list for each Regional Ecosystem in the City.	Develop a species list that is representative of each RE identified in the City through collation of existing information and	Full species list descriptions for each RE.	EM		2	Officer Time
		Species lists will replace VES 2009 species lists.	EM		2	

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	new surveys where species information does not exist.	Species lists will be included into RPS.	LUP		2	
4. Provide full list of Regional Ecosystems for each reserve area (to be incorporated into Reserves database)	Correlate existing RE data with specific reserves as identified under maximo program.	Each property linked to RE	EM		2	Officer time
5. Perform risk audit of all existing reserves and sign as necessary	A risk signage plan should be developed or amended for each reserve to incorporate safety signage as required.	All reserves risk assessed and signed as required.	EM	R&LS, O&M, P&C	3	\$75,000
	Perform risk management audit and manage for trees on known path systems	All known path systems have been risk assessed and risks managed	Risk and Liability Services	P&C T&L	3	Budget
6. Develop city wide interpretive signage plan for all Councils reserves.	Undertake engage contractor to develop signage plan.	Citywide reserve signage plan.	EM	P&C R&LS C&SP EE	2	Budget
7. Undertake annual progress reporting of condition of revegetation sites	Digitally record (arcpad) information regarding the size location (polygons) and species of plants used. Photos of site are also to be included	Comprehensive annual update of the increase in habitat condition and extent of revegetation sites	O&M, P&C, EE		Annual ongoing	Officer time
8. Undertake general condition assessment of Council reserves	Digitally record (Arcpad) condition status of restoration sites	Report card on reserve condition, which includes identification of new weed/pest outbreaks, erosion/ instability areas or other degraded features	P&C, EE		Ongoing	Officer time
						\$4,000- (Cost of 2 Arcpads plus licence) for bushcare
9. Undertake 4 yearly condition audit of council reserves	Contract consultant to undertake audit of 10% of Council reserves.	Information that indicates the progress regarding SOE, biodiversity and koala strategy targets.	EM	Consultant P&C EE	Every 4 years	\$25,000
10. Undertake site recording	Use desktop and groundtruthing to	Comprehensive and up to date data for each	O&M, EM		2	Officer time



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of assets and characteristics for each <u>individual reserve area</u> Note: some reserves incorporate open space areas also	capture asset and biological characteristics	reserve				
11. Ensure new and existing Mountain bike trail networks meet required standards	Develop mountain bike trails assessment sheet based on IMBA and MTBA standards	All mountain bike trails in city meet required standards or are being managed to minimise adverse impacts	EM	P&C, mountain bike groups	2	Officer time
12. Establish assets and total area associated with <u>each area type</u> (eg Conservation Areas') and audit annually	Use desktop analysis and groundtruthing to determine assets associated with particular reserves types eg Kms trail, number chairs, No pergolas, No signs	Annually verified audit of assets associated with reserve types	O&M	ISSU	1 July annually	Officer time
13. Ensure all the actions from existing management plans are validated and undertaken	Undertake collation, validation and integration of all actions in existing management plans and strategies into CI database.	Valid updated actions for specific reserves are recognised and implemented	EM	P&C, EE, AM, LM	4	Officer time and budget
14. Ensure short and long term protection of REs at high risk from climate change (s7.14.5)	Undertake protection and management, mapping, research and provide buffers for threats eg acquisition of land and revegetation using local progeny	Threats to high risk REs are managed	EM	P&C	1-5	Budget
		Threats to medium risk REs are managed		P&C	5-10	Officer time
		Threats to low risk REs are managed		P&C	>10	Officer time
15. Consolidate reserve land	Unused road reserves should be identified, closed and consolidated into existing reserves	All unused roads are revegetated wherever possible	EM	LUP P&C	5-10	Officer time  Cost per amalgamation and Surveying
	Individual allotments within parcels of reserve land should be	Reserves are consolidated				

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	consolidated via a 'Realignment of Lots'					
	Delineate fodder forest areas from general reserve land	Fodder forests are managed separately from reserves				
16. Identify management costs for trustee land that is managed by Council.	Identify and incorporate trustee land for budgeting purposes	Identify area (m2) of trustee land for conservation purposes through mapping	EM	ISSU	1yr	Officer time
17. Monitoring and review program	Continual monitoring of actions in this plan	Ensure actions are carried out in accordance with the plan	EM	All	Annual	Officer time
	Review should be a continuous process so that changes can be made to strategies when, and if, required	Ensure content of Conservation Intents Strategy is revised and updated	EM	All	2013	Officer time

## **9 ABBREVIATIONS**

### **Redland City Council Departments**

AC = Animal Control  
C&CS = Customer and Community Services  
C&SP = Community and Social Planning  
DA = Development Assessment Team  
EE = Environmental Education  
EM = Environmental Management Group  
HR= Human Resources  
IDS = Integrated Development Services  
IP = Infrastructure Planning  
IT = Information Technology  
ISSU= Information Systems Services Unit  
LL = Local Laws Team  
LUP = Land Use Planning Group  
M&C = Marketing and Communications  
O&M = Operations and Maintenance  
P&C = Parks and Conservation  
PDG = Project Delivery Group  
R&LS= Risk and Liability Services  
T&I= Transport and Infrastructure Unit  
T&L = Trees and Landscaping Services

### **State Government departments**

EPA = Environmental Protection Agency  
NRW= Natural Resources and Water  
QPWS = Queensland parks and Wildlife Service

### **Other Councils**

BCC = Brisbane City Council  
CRL = Consolidated Rutile Limited  
LCC = Logan City Council  
Other Non Government Organisations  
RSPCA = Royal Society for the Prevention of Cruelty to Animals

### **Universities**

QUT = Queensland University of Technology  
UQ = University of Queensland

### **Others**

CA= Conservation Area  
CCA= Coordinated Conservation Area  
CP = Conservation Park  
EDAW = EDAW  
EVR = Endangered/ Vulnerable/ Rare  
IMBA = International Mountain Bicycling Association  
MTBA= Mountain Bikes Australia  
NCA= Nature Conservation Act 1994  
NSI = North Stradbroke Island  
RAMSAR= The Convention on Wetlands of International Importance.

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SMBI = Southern Moreton Bay Islands  
SOE = State of the Environment

## 10 GLOSSARY

<b>Ongoing</b>	These actions will continually be dealt with throughout the policies life
<b>Reserve area</b>	A generic term take to encompass Conservation Areas, Nature Refuge, Nature Belt, Creek Corridors, Urban habitat, Conservation Foreshore, Wetland, Drainage Reserves, Road Reserves
<b>EDAW</b>	An internationally known corporation that has devised a set of principles regarding the facilitation of equestrian sports.
<b>Mountain Bike and Mountain Trail Bike (MTB)</b>	A bicycle built for rough terrain with wide fat tires, straight handlebars, a robust frame, often with suspension and more gears than a standard bicycle.
<b>RAMSAR</b>	The official title is <i>The Convention on Wetlands of International Importance, especially as waterfowl habitat</i> . The convention was developed and adopted by participating nations at a meeting in Ramsar, Iran on February, 2, 1971 and came into force on December 21 1975. <i>Source: knowledgerush.com</i>
<b>Regional Ecosystem</b>	A Queensland wide vegetation classification system based on the bioregion, landzone and dominant canopy species.
<b>Ecological Sustainability</b>	Defined by the IPA as a balance that integrates the protection of ecological process and natural ecosystems at local, regional, state and wider levels, economic development and maintenance of the cultural, economic physical and social well being of people and communities.
<b>NRS</b>	The establishment of the National Reserve System (NRS) Program under the Natural Heritage Trust meets the requirement under the National Strategy for the Conservation of Australia's Biological Diversity to establish a comprehensive, adequate and representative system of terrestrial protected areas. <i>Source: National Reserve System website</i>

## **11 REFERENCES, LINKS AND INFORMATION**

### **International**

Ramsar Convention

[www.ramsar.org](http://www.ramsar.org)

### **Commonwealth**

EPBC Act (1999) and Regulation (2000)

[www.environment.gov.au/epbc/about/index](http://www.environment.gov.au/epbc/about/index)

National Reserve System

[www.environment.gov.au/parks/nrs/index](http://www.environment.gov.au/parks/nrs/index)

Walking Track Classification and Signage (AS 2156.1-2001)

[www.standards.org.au/cat.asp?catid=44&contentid=311&News=1](http://www.standards.org.au/cat.asp?catid=44&contentid=311&News=1)

Australian ICOMOS charter for the conservation of places of cultural significance

[www.icomos.org/australia/burra.html](http://www.icomos.org/australia/burra.html)

Land & Water Australia – River Landscapes Website, <http://rivers.gov.au/>

### **State**

Nature Conservation Act (1992)

[www.epa.qld.gov.au/about\\_the\\_epa/legislation/nature\\_conservation/](http://www.epa.qld.gov.au/about_the_epa/legislation/nature_conservation/)

Vegetation Management Act (1999)

[www.legislation.qld.gov.au/LEGISLTN/CURRENT/V/VegetManA99](http://www.legislation.qld.gov.au/LEGISLTN/CURRENT/V/VegetManA99)

Land Protection (Pest and Stock Route Management) Act 2002

[www.legislation.qld.gov.au/LEGISLTN/CURRENT/L/LandPrPSRMA02.PDF](http://www.legislation.qld.gov.au/LEGISLTN/CURRENT/L/LandPrPSRMA02.PDF)

Land Act 1994

[www.legislation.qld.gov.au/LEGISLTN/CURRENT/L/LandA94.pdf](http://www.legislation.qld.gov.au/LEGISLTN/CURRENT/L/LandA94.pdf)

Local Government Act 1993

[www.legislation.qld.gov.au/legisltn/current/l/locgova93.pdf](http://www.legislation.qld.gov.au/legisltn/current/l/locgova93.pdf)

State Coastal Management Plan

[www.epa.qld.gov.au/environmental\\_management/coast\\_and\\_oceans/coastal\\_management/state\\_coastal\\_management\\_plan/](http://www.epa.qld.gov.au/environmental_management/coast_and_oceans/coastal_management/state_coastal_management_plan/)

Draft SEQ Natural Resource Management Plan

[www.seqcatchments.com.au/webapp/145854/Draft\\_SEQ\\_NRM\\_plan](http://www.seqcatchments.com.au/webapp/145854/Draft_SEQ_NRM_plan)

Aboriginal Cultural Heritage Act 2003

[www.legislation.qld.gov.au/LEGISLTN/ACTS/2003/03AC079.pdf](http://www.legislation.qld.gov.au/LEGISLTN/ACTS/2003/03AC079.pdf)

Queensland Heritage Act 1992

[www.legislation.qld.gov.au/LEGISLTN/CURRENT/Q/QldHeritageA92.pdf](http://www.legislation.qld.gov.au/LEGISLTN/CURRENT/Q/QldHeritageA92.pdf)

Conservation Land Management Strategy 2010

Queensland Heritage Exemption Certificate for minor works in state listed state owned land

[www.derm.qld.gov.au/services\\_resources/item\\_list.php?category\\_id=218&topic\\_id=70](http://www.derm.qld.gov.au/services_resources/item_list.php?category_id=218&topic_id=70)

Regional Ecosystems

[www.epa.qld.gov.au/nature\\_conservation/biodiversity/regional\\_ecosystems/](http://www.epa.qld.gov.au/nature_conservation/biodiversity/regional_ecosystems/)

QLD Heritage Register

[www.epa.qld.gov.au/cultural\\_heritage/registers\\_and\\_inventories/queensland\\_heritage\\_register/](http://www.epa.qld.gov.au/cultural_heritage/registers_and_inventories/queensland_heritage_register/)

Coastal Protection and Management Act 1995

[www.legislation.qld.gov.au/LEGISLTN/SUPERSED/C/CoastalProtA95\\_004\\_080613.pdf](http://www.legislation.qld.gov.au/LEGISLTN/SUPERSED/C/CoastalProtA95_004_080613.pdf)

SEQ regional plan

[www.dip.qld.gov.au/regional-planning/draft-regional-plan-2009-2031.html](http://www.dip.qld.gov.au/regional-planning/draft-regional-plan-2009-2031.html)

Queensland Biosecurity strategy 2009-14

[www.dpi.qld.gov.au/cps/rde/dpi/hs/xsl/4790\\_12541\\_ENA\\_HTML.htm](http://www.dpi.qld.gov.au/cps/rde/dpi/hs/xsl/4790_12541_ENA_HTML.htm)

Queensland Department of Natural Resources, 1998, 'A Guide to Land Tenure in Queensland'

Qld Fire and Rescue Authority Act 1990

[www.legislation.qld.gov.au/LEGISLTN/SUPERSED/F/Fire\\_RescueAuA90\\_04F\\_.pdf](http://www.legislation.qld.gov.au/LEGISLTN/SUPERSED/F/Fire_RescueAuA90_04F_.pdf)

Waterway Environmental Values for Redlands Waterways

<http://www.epa.qld.gov.au/publications/?id=1852>

### **Redland City Council**

Indigenous Community Policy (POL-3081)

<http://www.redland.qld.gov.au/Council/Policies/Pages/default.aspx>

Local Law 15 (Parks and Reserves), Local Law 2 (Animal Management) 2007

[www.redland.qld.gov.au/Council/localLaws/Pages/default.aspx](http://www.redland.qld.gov.au/Council/localLaws/Pages/default.aspx)

RCC Biodiversity Strategy 2008-2012 and Policy

[www.redland.qld.gov.au/Environment/ManagementPlans/Pages/BiodiversityStrategy.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/Pages/BiodiversityStrategy.aspx)

Pest Management Plan 2006-2010

[www.redland.qld.gov.au/Environment/ManagementPlans/pest/Pages/default.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/pest/Pages/default.aspx)

Vegetation Enhancement Strategy 2007

[www.redland.qld.gov.au/Environment/ManagementPlans/VES/Pages/default.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/VES/Pages/default.aspx)

Koala Policy and Strategy 2008

[www.redland.qld.gov.au/Environment/Wildlife/Koalas/Pages/RedlandsKoalaPolicyStrategy.aspx](http://www.redland.qld.gov.au/Environment/Wildlife/Koalas/Pages/RedlandsKoalaPolicyStrategy.aspx)

## Conservation Land Management Strategy 2010

### Redlands Planning Scheme

[www.redland.qld.gov.au/PLANNING/PLANNING/PLANNINGScheme/Pages/default.aspx](http://www.redland.qld.gov.au/PLANNING/PLANNING/PLANNINGScheme/Pages/default.aspx)

### RCC Heritage Register

\\hoprog\prog\\_Minutes & Agendas\\_Council Minutes\\_minutes 2003\General Meeting\pdf documents\Attachments130803\Interim Heritage Register Attachments A to E.pdf (Please contact Council to view a copy of this document)

<http://www.redland.qld.gov.au/Planning/Planning/StudiesReports/HeritageStudy/InterimHeritageRegister/Pages/default.aspx>

### Open Space Plan

[www.redland.qld.gov.au/Environment/ManagementPlans/OpenSpacePlan/Pages/default.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/OpenSpacePlan/Pages/default.aspx)

### RCC Corporate Plan

[www.redland.qld.gov.au/COUNCIL/CORPORATEPLAN/Pages/default.aspx](http://www.redland.qld.gov.au/COUNCIL/CORPORATEPLAN/Pages/default.aspx)

### RCC Policies

- Environment Policy (POL-2644)
- Environmental Charge Acquisition and Management (POL-3077)
- Park Naming, Memorials and Tributes (POL-3068)
- Recruitment and Selection - Volunteers (PR-2127-016-07)
- Dealing with Unlawful Damage to Trees in Public Places (POL-3025)
- Corporate policy POL-3068

All at: [www.redland.qld.gov.au/COUNCIL/POLICIES/Pages/default.aspx](http://www.redland.qld.gov.au/COUNCIL/POLICIES/Pages/default.aspx)

### Individual Land Management Plans

- Amity Point Sport and Recreation Reserve  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/AmityPoint.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/AmityPoint.aspx)
- Coochiemudlo  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/CoochielsLandMgmtPlan.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/CoochielsLandMgmtPlan.aspx)
- Cylinder Beach  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/CylinderBeachMasterPlan.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/CylinderBeachMasterPlan.aspx)
- Dunwich  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/Dunwich.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/Dunwich.aspx)
- Flinders Beach  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/FlindersBeachLandManagementPlan.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/FlindersBeachLandManagementPlan.aspx)
- Greater Glider



## Conservation Land Management Strategy 2010

[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/GreaterGliderLMP.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/GreaterGliderLMP.aspx)

- Isle of Coochie Golf Course  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/TheIsleOfCoochieGolfCourse.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/TheIsleOfCoochieGolfCourse.aspx)
- McMillan Road Conservation Area  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/McMillanRoadConservationAreaLMP.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/McMillanRoadConservationAreaLMP.aspx)
- Orchard Beach  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/OrchardBeachWetland.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/OrchardBeachWetland.aspx)
- Scribbly Gums Conservation Area  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/ScribblyGumsConservationAreaLMP.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/ScribblyGumsConservationAreaLMP.aspx)
- Serpentine Creek  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/SerpentineCreek.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/SerpentineCreek.aspx)
- Sleath Street Foreshore  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/SleathStForeshoreRehabPlan.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/SleathStForeshoreRehabPlan.aspx)
- Terra Bulla Leumeah  
[www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/TerraBullaLeumeahMgmtPlan.aspx](http://www.redland.qld.gov.au/Environment/ManagementPlans/LandMgmtPlans/CurrentLandMgmtPlan/Pages/TerraBullaLeumeahMgmtPlan.aspx)

### Organisational Development Plan

<http://hointranet/RSCcms/generic.asp?id=1111>

\*Please contact Council to view a copy of this document

### MoU between Energex and RCC for Vegetation Management near Powerlines

<..\Projects\Undergrounding Koalas 24 January 2007 Ormiston\powerline undergrounding\2259087 Memorandum of Understanding - Vegetation M.tif>

\*Please contact Council to view a copy of this document

### Redland City Council Conservation Fire Management Framework and Operational Guidelines 2009

\*Please contact Environmental Management to view a copy of this document

### Weippin Street Cultural Heritage Agreement

\*Please contact Environmental Management for information

### Pt Lookout Cultural Heritage Agreement

\*Please contact Environmental Management for information

Conservation Land Management Strategy 2010

Conservation Management Plan – Pt Lookout Gorge Walk (draft)

\*Please contact Environmental Management for information

**Others**

Brisbane City Council, December 2000 '*Natural Channel Design Guidelines*' Brisbane City Council.

IMBA, 2004, *Trail Solutions- IMBA's Guide to Building Sweet Singletrack*, Johnson Printing

IMBA, 2007, *Managing mountain Biking: IMBA's Guide to Providing Great Riding*, International Mountain Bicycling Association, Boulder, C.O.

IMBA Web Site

[http://www.imba.com/resources/bike\\_management/index.html](http://www.imba.com/resources/bike_management/index.html)

Mountain Bike Australia

<http://www.mtba.asn.au/>

## **12 APPENDICES**

### **12.1 Guiding Principles for Provision of Equestrian Opportunities**

There are a number of broad principles that should influence the planning, development, management and use of equestrian opportunities in any location:

#### **Access and Accessibility**

To ensure equestrian facilities are located in areas that are unlikely to be affected by residential encroachment.

To provide safe and convenient access to and from equestrian facilities for people on horseback and for people towing horse floats.

#### **Balance with Diversity**

To achieve a balanced and diverse provision of equestrian opportunities appropriate to the needs of the community.

#### **Community Involvement**

To involve the horse riding community in the planning, design and management of equestrian facilities.

#### **Environmental and Heritage Values**

To ensure equestrian facilities are located in areas of relatively low environmental value.

To ensure that the type and level of equestrian activity proposed for a site is compatible with the long term environmental and heritage management of the values of the site.

To ensure the placement of equestrian facilities and trails, do not lead to longterm environmental problems or further degrade the environmental quality of an area.

#### **Equity**

To ensure that the horse riding community are treated fairly and equitably.

#### **Information:**

To ensure existing and potential users are well informed about existing equestrian opportunities and how they can be accessed and utilised.

#### **Management and Administration:**

To ensure management and maintenance of all equestrian facilities is well coordinated to achieve the best possible outcomes within the given resources.

#### **Multiple Use:**

To achieve the most efficient use of existing and future equestrian facilities by encouraging joint use where appropriate.

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### **Quality:**

- To ensure that all equestrian facilities are attractively designed and comply with Australian standards appropriate to the level and type of use.

### **Safety and Liability:**

- To ensure that all equestrian facilities are located, designed and maintained to meet public safety standards.
- To ensure the safety of the general public is considered when providing equestrian facilities in public use areas.

## **12.2 Existing Land and Waterway Management Plans**

- Amity Point
- Coochiemudlo Island Land Management Plan
- Cylinder Beach Master Plan
- Dunwich Reserve
- Flinders Beach Land Management Plan
- Greater Glider Land Management Plan
- Isle of Coochie Golf Course
- MacMillan Road Conservation Area Land Management Plan
- Orchard Beach Wetland
- Scribbly Gums Conservation area Land Management Plan
- Serpentine Creek Road Cemetery Site and Rehabilitation Plan
- Sleath Sreet Foreshore Rehabilitation Plan
- Terra Bullah Leumeah Management Plan
- Erapah Creek Waterway Management Plan
- Hilliards Creek Waterway Management Plan
- Tingalpa Creek Waterway Management Plan

## Amendments to CLMS

Section	Wording	Reason
Name of document	CLMS 2009 changed to CLMS 2010	Updating document
Section 7.19.3 Principle 8	Remove 'fauna'	So that principles refers to fauna and flora
Section 7.16	Reference made to Cultural Heritage exemption certificates	Operational groups seeking forms to undertake works at heritage sites
Section 11	Queensland Heritage Exemption Certificate for minor works in state listed state owned land <a href="http://www.derm.qld.gov.au/services_resources/item_list.php?category_id=218&amp;topic_id=70">www.derm.qld.gov.au/services_resources/item_list.php?category_id=218&amp;topic_id=70</a>	Operational groups seeking forms to undertake works at heritage sites
Section 3.4	New reference made to the Corporate Plan and Redlands 2030 Community Plan	Council resolution to ensure that CLMS meets the visions of the Corporate Plan
Section 5	Alter references to area function High, Medium and Low removed.	To clarify that all areas are important at a landscape level.
Table 1	Alter reference to area function in light of changes to Section 5.	Necessary cross referencing
Section 5- Management Descriptions	New paragraph included as follows "One important outcome of this strategy is to improve habitat throughout the urban and rural environment. This also supports the understanding that Koalas are recognised as endangered in the koala Coast under the Koala Policy. Therefore it is important to note that all ecological areas are intrinsically important and aid Koalas and other fauna movement through both the urban and rural environment. However, the way in which area types are prioritised and managed may be different due to the prevalence of specific pressures common to that area type. This might include disturbance, edge effects or resilience".	To ensure the document recognises all conservation area types as being important to the increased needs of urban koalas.
Section 7.20.1	Included reference to updated fire management documents	Need to ensure latest fire management information is being utilised

## 12.2.5 CONSULATION DRAFT REDLANDS PEST MANAGEMENT PLAN 2010-2014

<b>Dataworks Filename:</b>	<b>EM Pest Management Plan</b>
<b>Attachments:</b>	<a href="#"><u>Redland City Draft Pest Management Plan 2010-2014</u></a>
<b>Responsible Officer Name:</b>	<b>Gary Photinos Manager, Environmental Management</b>
<b>Author Name:</b>	<b>Leo Newlands Advisor, Reserves Management</b>

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### EXECUTIVE SUMMARY

The Redland City Council Pest Management Plan 2006 -2010 was adopted by Council in 2006. The document is due for its 4 year major review under the requirements of the Land Protection (Pest and Stock Route Management) Act 2002.

Internal and external stakeholders have been integral to the development of Council's new draft Pest Management Plan 2010-2014. This document has now been completed.

As part of the next stage of this process the draft must be provided to other stakeholders and public for comment under the requirements of Land Protection (Pest and Stock Route Management) Act 2002.

### PURPOSE

The purpose of this report is to seek Council approval for the draft 'Pest Management Plan 2010-2014' (Attachment 1) to be release for public display and submissions.

### BACKGROUND

- 2006 - Council adopted the Redland Shire Council Pest Management Plan 2006-2009. This document is now due for its 4 year review under the requirements of the Land protection (Pest and Stock Route Management) Act 2002.
- 2009 - Commenced development of the 'Draft Pest Management Plan 2010-2014' with preliminary information provided by internal stakeholders.
- 2010 - Draft provided to internal stakeholders for further comment and completion of draft.

### ISSUES

Council has obligations under the Land Protection (Pest and Stock Route Management) Act 2002 to undertake a major review of its pest management plan under Part 4 of the Act.

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The Pest Management Plan 2006-2010 is now due for review.

PROCESS FOR PREPARING PLAN FOR CONSULTATION AND ADOPTION

The following process will be followed:

1. Seek council approval for plan to go to public consultation.
2. Advertise in local news papers the availability of the Plan and invite written submissions from the public for 28 days afterward.
3. Provide a copy of the Plan for inspection, free of charge, at Council offices.
4. Undertake specific consultation and engagement with the Redland City working and advisory group members. A copy of the draft Plan will be provided for their review and comment during the consultation period. This group will also consider the community responses to the plan.
5. At the end of 28 days, submissions will be considered and the Plan reviewed if necessary through the working and advisory group.
6. Within 60 days of the end of the public submission period, Council will submit the draft Plan to the Minister for Employment, Economic Development and Innovation for approval.
7. The Working Group will amend the Plan, if required by the Minister.
8. Council adopt, by resolution, the Pest Management Plan when advised by the Minister and implement it accordingly.
9. A copy of the adopted Plan is to be available at Council offices for public inspection, free of charge.
10. Redland City Council implements the plan.

NEW FORMAT FOR THE PEST MANAGEMENT PLAN

Council officers have sought feedback from other Local Governments and Biosecurity Qld on the quality of older PMP formats previously utilised by this council and others in the region.

Comments from other Councils and Biosecurity Qld have been very favourable for the new Pest Management Plan format used by the Logan City Council. With the approval of Logan City Council, Redlands has now utilised this format to develop the new Redland City Council Draft Pest Management Plan 2010-2014. The draft will be delivered in a word format with the final version being graphically designed.



## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's 'Healthy Natural Environment' outcome for 'A diverse and healthy natural environment, with an abundance of native flora and fauna with rich ecosystems will thrive through our awareness, commitment and action in caring for the environment.

## FINANCIAL IMPLICATIONS

There will be financial implications for the development of the draft for engaging a consultant to undertake the wider stakeholder and community consultation. There will be further financial implications for the implementation when the finalised Pest Management Plan is adopted by Council. Budget of \$20,000 has been set aside for the development of the plan. Provision has been made in the Environment Levy to provide ongoing funding for the implementation of the Pest Management Plan.

## PLANNING SCHEME IMPLICATIONS

The Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will not require any amendments to the Redlands Planning Scheme.

## CONSULTATION

Consultation was undertaken with Biosecurity Queensland, Logan City Council, Brisbane City Council and Gold Coast City Council in regards to pest planning, pest issues and new PMP document formats. Logan City Council Draft PMP was considered by Biosecurity and other Councils as a good template and has been, with approval, adapted for use by Redlands.

Land Use Planning, Parks and Conservation, Environmental Education, Health and Environmental Services and Local Laws were also consulted. These groups were engaged to provide feedback in regards to the structure, content and workability of the draft Pest Management Plan. They have provided considerable feedback and will be re-engaged for further consultation as part of the working group following the public submissions period. The main focus of comment was to make the document more usable and improve resource capacity for enforcement of actions under the plan. Some information was provided in relation to potential new species.

### PROPOSED TIMELINES

<b>Start Date 2010</b>	<b>Activity</b>
August	Adoption by resolution of Committee (draft document)
September	Draft released for public submissions
October	Submissions end date (min 28 days)
Nov/Dec	Draft due to Minister for approval
	Adoption of Pest Management Plan following approval by Minister

**OPTIONS****PREFERRED**

That council resolve to approve the draft Redland City Council Pest Management Plan 2010-2014 for wider stakeholder and community consultation in keeping with Councils obligations.

**ALTERNATIVE**

That council resolve to release the document for public consult pending further revisions as directed by Council.

**OFFICER'S RECOMMENDATION**

That Council resolve to approve the draft Redland City Council Pest Management Plan 2010-2014 for community consultation purposes.

**COMMITTEE DISCUSSION**

Committee discussed a number of individual pest species and how they are dealt with in the Pest Management Plan. Considerable discussion took place on the impacts that foxes may be having on our urban koala populations and that immediate attention needs to be given to escalating the control measure from 'containment' to 'reduce'. The committee amended the pest management plan accordingly with the condition that the financial implications of increasing the control measures needs to be communicated back to Council prior to the adoption of the Pest Management Plan.

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Henry

**That Council resolve to approve the draft Redland City Council Pest Management Plan 2010-2014 for community consultation purposes with an amendment as follows:**

***That the State and Locally Declared Animal Pests List, Control Objective No. 6, European Fox be upgraded to "Reduce\*" with a footnote "\*\* subject to financial considerations".***

**CARRIED**

# Redland City Council Pest Management Plan 2010-2014



## Consultation Draft



# Executive Summary

Redland City is made up of an area of 537square kilometres of mainland and island communities. It is located on Moreton Bay and borders with Brisbane City, Logan City and the Gold coast. Preserving the City's natural environment continues to be a vital community outcome. The City also has many primary producers who contribute to Redlands growth and local economy. The plan supports a number of Council's strategic outcomes for healthy natural environment, green living, embracing the bay, quandamooka country, wise planning and design, supportive and vibrant economy, strong and connected communities, inclusive and ethical governance and an efficient and effective organisation.

**Declared pests** are plants and animals that cause significant adverse economic, environmental and social impacts. They reduce industry productivity, threaten environmentally significant areas or species, choke waterways and degrade land.

**Declared pests** also impact on health, recreational use and social amenity.

Queensland's *Land Protection (Pest and Stock Route Management) Act 2002* places a responsibility on landholders to manage declared pests. The Act also places an obligation on local governments to develop a plan detailing strategies to manage declared pests in their local area. This document has been prepared to meet this obligation and details how challenges posed by declared pests will be met.

Redland's 2010 - 2014 Pest Management Plan contains four strategic objectives and 39 action items to be achieved over four years.

This document identifies 12 Environmentally Significant Areas and 24 Aquatic Environments that will be closely monitored. The plan has been developed in consultation with key stakeholders who share a commitment and passion to protect Redland's natural environment and sustain primary production. The plan aims to improve the effectiveness of control activities, monitor and report on performance, prioritise pest management activities, improve coordination, improve stakeholder participation and increase public awareness about the need to manage declared pests.

The effective management of declared pests require a commitment from the entire Redlands community including, land owners, the three levels of government (Federal, State and Local), peak bodies and associations, and industry and environmental groups.

This plan calls upon these stakeholders to commit to the strategic objectives and action items contained within this document to meet Redland's pest management challenges.

## Strategic objective

1

- Raise community awareness of declared pests and their impact. Increase the community's capacity to identify and manage declared pests.

## Strategic objective

2

- manage the introduction of new declared pests and minimise the spread of existing infestations.

## Strategic objective

3

- Sustain best pest mangement practice, maintain regional collaborations and encourage stakeholder commitment.

## Strategic objective

4

- Protect Environmentally Significant Areas and Aquatic Environments from declared pests



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## Introduction

The Land Protection (Pest and Stock Route Management) Act 2002 [the Act] requires all local governments to implement a State approved Local Government Area Pest Management Plan. The Act sets out the principles for pest management that must be incorporated into each plan, which are as follows:

- Integration
- Public Awareness
- Consultation and Partnership
- Planning
- Best Practice
- Improvement

This plan has been developed to meet the requirements of the Act and to reflect the current declared pest management challenges faced by Redlands. It consists of an introduction and three sections:

- **Part A: Strategic Objectives and Actions**

- Outlines Redland's pest management strategic objectives and actions in context of Queensland's pest management framework;

- **Part B: Declared Pest Species of Redland**

- Assigns control priorities to declared pests in Redland; and

- **Part C: Operations**

- Outlines an internal operation plan to control declared pests in Redland City.

## Pest Management - A Shared Responsibility

The effective management of declared pests require a commitment from the entire Redland community including, land owners, the three levels of government (Federal, State and Local), peak bodies and associations, and industry and environmental groups. This plan calls upon these stakeholders to commit to the strategic objectives and action items contained within this document to *meet Redland's pest management challenges*

Redlands faces pest management challenges with established populations of declared pest animals (eg., wild dogs, dingoes and European foxes) and infestations of Class 1 (most serious) declared pest plants (eg. Water Mimosa & Senegal Tea).

### Other Pests of Significance

This plan focuses on the effective management of declared pests in Redland City, as defined in the Land Protection (Pest and Stock Route) Management Act 2002. It is acknowledged that other pests (e.g. invasive plants, noxious fish, introduced birds and animals) not identified in this document do pose potential threats to our environment.

This plan is not intended to negate or underestimate the adverse impact that other pest species are having on Redland City's environment, nor should it undervalue the efforts taken by the community to deal with those pests. The Act requires all local Government Areas to implement a State-approved Local Government Area Pest Management Plan for **declared pest plants and animals** in its area. This document has been developed to meet Council's obligations under *the Act*.

## Pest Management Working Group

To develop this draft plan, Council formed a Pest Management Working Group comprising the following members from Redland City Council's Internal stakeholders and external stakeholders:

Leo Newlands, Advisor Reserve Management  
 Rory House, Senior Conservation officer  
 Lance Howard, Senior Local Laws Officer  
 Joseph Cassabella, Team Lead - Health & Environmental services  
 Donna Wilson, Team Leader-Local Laws  
 Craig Doolan, Service Manager - Environmental Education  
 Michael Holland -Adviser Waterways Management  
 Gavin Hammermeister – Extension Officer Habitat Protection  
 Megan Nilon- Senior Environmental Health Officer - Pest Management  
 Melanie Harrison- Senior Extension Officer

Each work group member will possess relevant qualifications and experience to provide input into the development and implementation of the plan. Working Group members will provide expert advice on control priorities and methods, procedures, actions and timelines to meet Redland's pest management challenges. The group, through a coordinator will facilitated a number of stakeholder and public workshops, review public comments and will provide ongoing review.

## Key Stakeholders

Organisation/ group	Name	Representative
Redland City Council	Environmental Management	Leo Newlands
Other Local Governments	Brisbane City Council Logan City Council Gold Coast City Council	Andrew Meiklejohn Scott Brown John Madigan
Industry groups		
State Government	Biosecurity Queensland Queensland Rail Main Roads DERM	Lyn Willsher
Federal Government		
Environmental Groups	WPSQ, Birkdale Progress Association	
landholders	Chicken Farmers, graziers etc	

# Consultation on the Draft Pest Management Plan

The steps below outline the development and consultation process undertaken in drafting this document.

Step	Status
Internal working identified and Group formed to develop a draft Pest Management Plan for consultation	Done
Consultation Draft approved and advertised for public comment	In progress
Full working group including external stakeholders to review document and reviewed Consultation Draft and were invited to a workshop: <ul style="list-style-type: none"> <li>• Internal stakeholders Biosecurity Queensland</li> <li>• Other state and Federal government agencies</li> </ul> Landholder and environmental groups	To be done
Key stakeholder input incorporated into Consultation Draft	To be done
public comments incorporated into consultation Draft	To be done
Council authorisation sought to submit Draft pest Management Plan for State approval.	To be done


## Implementation of the Pest Management Plan

The 2010-2014 draft Redlands Pest Management Plan will be submitted to the Minister for Employment, Economic development and Innovation for approval. The Minister will then advise if he is satisfied with the content of the plan and that it complies with the requirements of the *Land Protection (pest and Stock Route management Act) 2002*. In keeping with sections 30(2) and 32 of the act, council will adopt the plan. The plan will be made available for public inspection in hard copy and a Councils customer Service centres and in electronic form on Councils website. <http://www.redland.qld.gov.au>

## Evaluation

This document has a four-year life and will be reviewed annually for the purposes of reporting to the State. Each year, the Pest Management Working Group will invite the key stakeholders to meet and review the implementation of the Redland Pest Management Plan. The annual reviews will specifically:



- 
- Assess Performance Indicators;
  - Suggest actions where the Plan is not being achieved;
  - Generally review the Plan and recommend amendments to keep it current; Assess the management of each specific declared pest;
  - Identify areas for future research;
  - Identify inadequacies in existing pest management;
  - Provide feedback to Biosecurity Queensland on potential species for declaration; and
  - Report annually to Redlands State of the Environment.

**Policy register:** This document is registered as GL-3070-002

### **Disclaimer**

The information contained within this plan is based upon best available evidence at the time of completion. Redland City Council does not accept liability to any person for the information or advice provided in this document, or incorporated into it by reference or for loss or damages incurred as a result of reliance upon the material herein.

### **Making a submission/ feedback**

Submissions may be made via written feedback to Council. Correspondence may be mailed to Submission Redlands Draft Pest Management Plan 2010, Redland City Council, PO Box 21 Cleveland. Alternatively, drop submissions at customer Service at Cleveland Administration building on the corner of Bloomfield Street and Middle Street, Cleveland.



## Part A

# Strategic Objectives & Actions 2010 - 2014



# Introduction to Part A

Part A of this document outlines Redland's strategic pest management objectives and action items in context of Queensland's pest management framework.

## Queensland's Pest Management Framework

The State Government has determined a strategic pest management framework for Queensland. It consists of a number of desired outcomes, principles and issues as outlined in the table below.

Desired outcome	Principle	Issues
Knowledge <i>"Stakeholders are informed, knowledgeable and have ownership of pest management"</i> .	Awareness - Public awareness and knowledge of pests must be raised to increase the capacity and willingness of individuals to manage pests.	<ol style="list-style-type: none"> <li>1. Awareness</li> <li>2. Education and training</li> </ol> Availability of information
Commitment, consultation and partnership <i>"All stakeholders are committed to and undertake coordinated management of pests"</i> .	<p>Commitment - Effective pest management requires a long-term commitment to pest management by the community, industry groups and government entities.</p> <p>Consultation and partnership - Consultation and partnership arrangements between local communities, industry groups, state and local government agencies must be established to achieve a collaborative approach to pest management.</p>	<ol style="list-style-type: none"> <li>1. Long-term commitment</li> <li>2. Compliance and enforcement</li> </ol>
Improvement of decision making <i>"Reliable information is available as a basis for decision making"</i> .	Improvement - Research into pests, regular monitoring, and evaluation of pest control activities, are necessary to improve pest management practices.	<ol style="list-style-type: none"> <li>1. Data collection and assessment</li> <li>2. Pest biology and pest impacts</li> <li>3. Community attitudes and the adoption of information</li> </ol>
Strategic Directions <i>"Strategic directions are established, maintained and owned by all stakeholders"</i>	<p>Planning - Pest management planning must be consistent at local, regional, state and national levels to ensure resources target priorities for pest management identified at each level.</p> <p>Integration - Pest management is an integral part of managing natural resources and agricultural systems, maintained and owned by the community.</p>	<ol style="list-style-type: none"> <li>1. Planning</li> <li>2. Strategy management and coordination</li> <li>3. Resources</li> <li>4. Holistic management</li> </ol>
Prevention <i>"Introduction, spread and establishment of pest plants and pest animals is prevented"</i> .	Prevention - Effective pest control is achieved by: i) preventing the spread of pests by human activity; and ii) early detection and intervention to control pests.	<ol style="list-style-type: none"> <li>1. Prevention</li> <li>2. Early detection and eradication</li> <li>3. Reduction and containment</li> </ol>

Integration *Integrated systems for managing the impacts of established pests are developed and widely implemented*”.

Best Practice - Pest management must be based on ecologically and socially responsible practices that protect the environment and the productive capacity of natural resources.

Improvement - Research about pests, and regular monitoring and evaluation of pest control activities, is necessary to improve pest management practices.

Commitment - Effective pest management requires a long-term commitment to pest management by the community, industry groups and government entities.

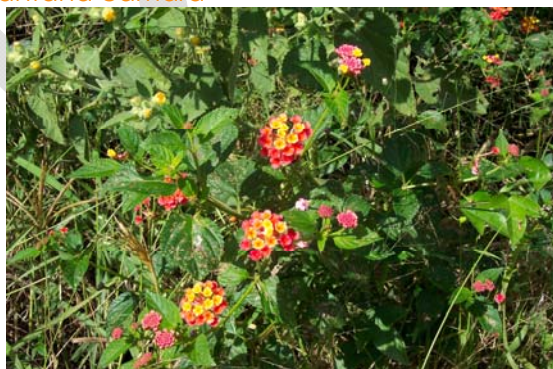
1. Adoption of best management practice techniques
2. Pest population and impact management
3. Environmentally significant areas
4. Development of management practices
5. Incentives

## Redland’s Pest Management Strategies

Redland’s four strategic pest management objectives to achieve during the life of this plan are:

<b>Strategic Objective 1</b>	<b>Raise community awareness of declared pests and their impacts. Increase the community’s capacity to identify and manage declared pests.</b>
<b>Strategic Objective 2</b>	<b>Manage the introduction of new declared pests and minimise the spread of existing infestations.</b>
<b>Strategic Objective 3</b>	<b>Sustain best pest management practice, maintain regional collaborations and encourage stakeholder commitment</b>
<b>Strategic Objective 4</b>	<b>Protect Environmentally Significant Areas and Aquatic Environments from declared pests</b>

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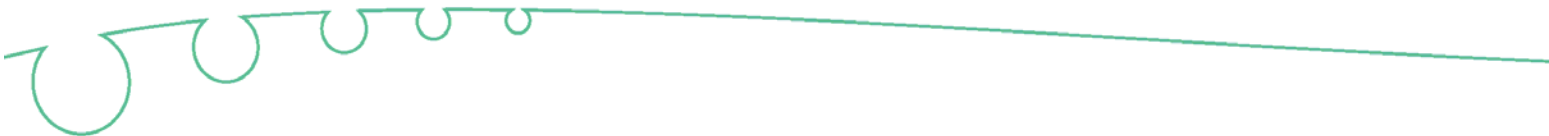


# Redland's Pest Management Action Items

The tables on the following pages contain 39 Action Items to implement and achieve Redland's pest management strategies. Council's Operations and Maintenance and Regulatory and Health Services are responsible for implementing the Action Items listed in the following tables.

<b>Strategic Objective</b> <b>1</b>	<b>Raise community awareness of declared pests and their impacts. Increase the community's capacity to identify and manage declared pests.</b>
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Strategic Action Number	Action Item	Success Indicators
1.1	Promote and organise declared pest awareness-raising activities	Number of activities provided and attendance levels at National Weed Buster Week, World Environment Day, Local Government Week, Community events & Redland City Council facilitated events  Increase in number of landholders engaged under in environmental education programs  Landowners possess the capacity to undertake effective management of their declared pests
1.2	Provide community access to information	Number of properties Pest Management Plan, urban district maps, brochures, flyers, fact sheets provided at customer services centres  Information available on Council's website with links to Biosecurity Queensland  Landowners possess the capacity to undertake effective management of their declared pests
1.3	Inform through individual customer interaction	Number of customer interactions or advice provided through Environmental Education and Compliance services  Landowners possess the capacity to undertake effective management of their declared pests
1.4	Support Environmental Education programs	Technical support and general planning advice provided to environmental education program participants  Amount of properties participating in extension programs
1.5	Keep key stakeholders informed about pest management activities	Pest Management Working Group regularly communicates with key stakeholders
1.6	Support the nursery industry in identifying potentially invasive species to be removed from	Invasive species identified & regulated by nursery industry



	sale stock	
1.7	Weed & vulnerable species identification awareness provided to Council staff and residents	Production of identification tools Awareness sessions provided

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<b>Strategic Objective</b> <b>2</b>	<b>Manage the introduction of new declared pests and minimise the spread of existing infestations.</b>
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Strategic Action Number	Action Item	Success Indicators
2.1	Undertake systematic and targeted annual Declared Pest Survey Program.	Declared Pest Survey Program advertised and progressively undertaken across the city covering all parcels of land that may harbour declared pests
2.2	Issue pest control notices to properties where Class 1 and Class 2 declared pest plants are located through complaint based investigations.	Number of pest control notices issued  Number of properties that: <ul style="list-style-type: none"> <li>• Comply with the notice</li> <li>• Are entered &amp; cleared by Council</li> </ul>
2.3	Develop property specific pest management plans or activities on those private properties with large or difficult to treat infestations including encouraging participation in Council extension programs	Number of: <ul style="list-style-type: none"> <li>• Property Pest Management Plans developed</li> <li>• Plans showing continuous treatment</li> <li>• Properties requiring Enter &amp; Clear action</li> <li>• Reduction of enter and clear actions due to reduced infestations</li> <li>• Number of landholders engaged in Councils Environmental Education/ extension programs</li> </ul>
2.4	Undertake proactive and reactive pest animal control in accordance with industry guidelines	Number of control programs implemented  Number of complainant of declared pests
2.5	Establish control and priority levels for the management of declared pests	Levels of control and priorities
2.6	Reduce the amount of High Priority Pests in the city	The number and distribution of High Priority Pests is reduced
2.7	Identify class 1 & incursions of high risk class 2 pests and implement effective	Location of Class 1 pests & incursions of high risk class 2 pests identified and effectively managed in consultation and

	management programs as required	partnership with Biosecurity Queensland
2.8	Prevent the planting of declared pest and invasive plants in public landscaping projects	No declared knowingly planted  No invasive/exotic plants used in Council owned or managed land
2.9	Reduce the sale of invasive weeds by local nurseries  Nurseries & markets targeted for environmental education programs	Nursery industry endorsement of a list of priority prohibited invasive plants  Reduction of invasive weeds sold at nurseries  Attendance at Grow Me Instead – an industry initiative for managing invasive plants
2.10	Participation in regional forums to identify and manage potential threat species such as Mexican Feather Grass, Kudzu and Senegal Tea	Number of regional forums attended  Pest management staff trained to identify emerging pests
2.11	Declare specified invasive weeds through use of Local Laws where warranted	Pests declared under Redland City Council local laws as required  Local law provisions developed in consultation with stakeholders

Green Cestrum





Strategic Objective <b>3</b>	Sustain best pest management practice, maintain regional collaborations and encourage stakeholder commitment.
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Strategic Action Number	Action Item	Success Indicators
3.1	Deliver integrated best practice management	Pest management programs take into consideration timing and costs; control methods; prevention; non-target damage; animal welfare; workplace health and safety; monitoring; new research & operational procedures
3.2	Ensure accredited training of all on-ground pest management staff	Pest management staff & contractors possess nationally accredited qualifications  Pest Management staff can identify most declared plants and animals
3.3	Commit to resourcing local pest management actions on a priority basis	Adequate resources provided to undertake effective planning, monitoring and coordination pest management
3.4	Maintain and upgrade specialty vehicles and field equipment	Successful retention, maintenance and expansion of current pest management assets
3.5	Submit local government precepts (annual payments) to Biosecurity Queensland for pest management services and research	Precepts duly submitted by Redland City Council
3.6	Collect and distribute local pest data to Queensland Biosecurity's Annual Pest Assessment (State-wide mapping of all declared species)	Data provided by Redland City Council in standard format
3.7	Map class 1 and 2 pests in Redland as part of Council's day to day business	Class 1 & 2 pests mapped using appropriate data loggers
3.8	Host and/or participate in industry events	Attendance at industry events including: <ul style="list-style-type: none"> <li>• SEQPAF meetings</li> <li>• Qld Weeds Symposium</li> <li>• LG training workshops</li> <li>• National Weeds Conferences</li> <li>• Vertebrate Pests conferences</li> </ul>
3.9	Review internal practices as needed to comply with recommendations from industry events	Information reviewed and practices amended where necessary
3.10	Liaise with surrounding local governments to integrate declared pest management activities	Pest management activities integrated where necessary, eg, wild dog control
3.11	Landholders commit to the management of declared pests in accordance with the Land Protection (Pest & Stock Route Management) Act.  Landholders include owners and trustees of freehold, leasehold, Council-controlled and State controlled land.	<ul style="list-style-type: none"> <li>• Landholders undertake proactive management of declared pests</li> <li>• Infestations detected during Annual Declared Pest Inspection Survey</li> <li>• Landholders notified of detected infestations</li> <li>• Management action occurs and</li> </ul>

		a reduction of infestations or infestation densities results
3.12	All State Government agencies including DERM, continue to work with, commit resources to enhance integrated pest management in Redland City	<ul style="list-style-type: none"> <li>• State Government continues to provide:</li> <li>• Pest Fact sheets &amp; up-to-date information regarding the management of declared pests</li> <li>• Technical and expert pest management advice</li> <li>• Public awareness &amp; education programs</li> <li>• Rapid response to extremely invasive threatening species</li> <li>• Initial &amp; ongoing risk assessments of pests</li> <li>• Research &amp; development into pest biology, ecology and impacts</li> <li>• Industry forums</li> <li>• Advice on best pest management practice</li> <li>• Resources to manage Class 1 infestations</li> <li>• Resources to manage infestations of declared pests on State controlled land and waterways</li> <li>• Research on effective biological control methods</li> <li>• The facilitation of information sharing between stakeholders</li> <li>• Resources to develop pest management plans for State controlled land</li> </ul>
3.13	Link Redland's pest management operations with other pest management activities	Redland's Pest Management operations linked to activities undertaken by: <ul style="list-style-type: none"> <li>• Council branches</li> <li>• State Government</li> <li>• Landholders</li> <li>• Adjoining local authorities</li> <li>• Other stakeholders</li> </ul>

<b>Strategic Objective 4</b>	<b>Protect Environmentally Significant Areas and Aquatic Environments from declared pests*.</b>
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Strategic Action Number	Action Item	Success Indicators
4.1	Identify and prioritise environmentally significant areas within Redlands	Areas identified and prioritised for pest management.
4.2	Define and map declared pest distribution in environmentally significant areas and the level of control required	Declared pest distribution defined & management programs designed
4.3	Involve local communities in site-based management of	Community groups involved in declared pest

	declared pests in environmentally significant areas where appropriate	management in environmentally significant areas
4.4	Control Class 3 declared pest plants that have the potential to cause an adverse economic, environmental or social impact on an Environmentally Significant Area	Advice to landholders on effective control strategies  Notices issued as appropriate  Number of control programs undertaken
4.5	Include Environmentally Significant Areas and aquatic environments in Annual Declared Pest Survey	Environmental Significant Areas inspected
4.6	Manage weeds in Environmentally Significant Areas as priority	Weed diversity and abundance is stabilised or reduced
4.7	Provide funding opportunities to control declared pests in Environmentally Significant Areas and Aquatic Environments	Funding opportunities provided
4.8	Develop and undertake treatment programs for aquatic environments	Treatment programs for Council controlled aquatic environments developed and implemented by Council  Treatment programs for State controlled aquatic environments developed and implemented by State Government  Treatment programs for privately-owned aquatic environments developed & implemented by landholders

\*Redland's Environmentally Significant Areas are listed on page 45 and Aquatic Environments are listed on pages 46 to 48.

Asparagus fern

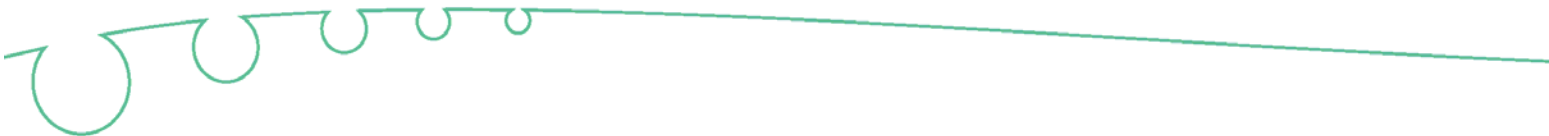


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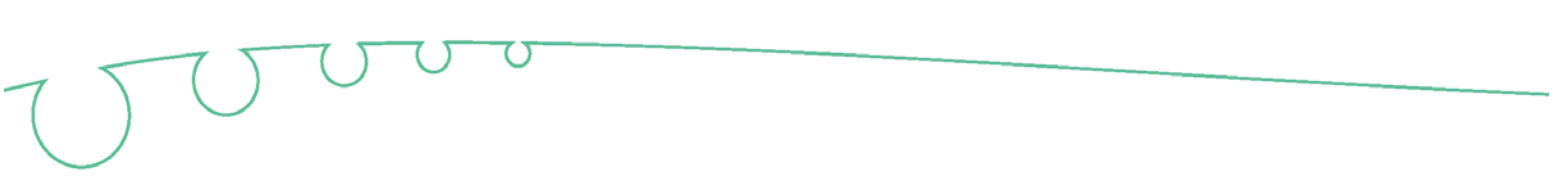
# Links with the Queensland's Pest Management Framework

The table below links Redland's four strategic objectives with Queensland's Pest Management Framework.

Queensland's Pest Management Framework		Links with Redland's strategic objective :
Desired Outcome	Principle	
<b>Knowledge</b> <i>"Stakeholders are informed, knowledgeable and have ownership of pest management".</i>	Awareness - Public awareness and knowledge of pests must be raised to increase the capacity and willingness of individuals to manage pests.	<b>Strategic Objective #1:</b> Raise community awareness of declared pests and their impact. Increase the community's capacity to identify and manage declared pests.
<b>Commitment, consultation and partnership</b> <i>"All stakeholders are committed to and undertake coordinated management of pests".</i>	Commitment - Effective pest management requires a long-term commitment to pest management by the community, industry groups and government entities. Consultation and partnership - Consultation and partnership arrangements between local communities, industry groups, state and local government agencies must be established to achieve a collaborative approach to pest management.	<b>Strategic Objective #3:</b> Sustain best pest management practice & undertake regional collaboration
<b>Improvement of decision making</b> <i>"Reliable information is available as a basis for decision making".</i>	Improvement - Research into pests, regular monitoring, and evaluation of pest control activities, are necessary to improve pest management practices.	<b>Strategic Objective #3:</b> Sustain best pest management practice & undertake regional collaboration



<p><b>Strategic Directions</b>  <i>"Strategic directions are established, maintained and owned by all stakeholders"</i></p>	<p>Planning -Pest management planning must be consistent at local, regional, state and national levels to ensure resources target priorities for pest management identified at each level. Integration - Pest management is an integral part of managing natural resources and agricultural systems, maintained and owned by the community.</p>	<p><b>Strategic Objective #1:</b> Raise community awareness of declared pests and their impact. Increase the community's capacity to identify and manage declared pests.</p> <p><b>Strategic Objective #2:</b> Manage the introduction of new declared pests and minimise the spread of existing infestations</p> <p><b>Strategic Objective #3:</b> Sustain best pest management practice &amp; undertake regional collaboration</p> <p><b>Strategic Objective #4:</b> Protect Environmentally Significant Areas &amp; Aquatic Environments from declared pests</p>
<p><b>Prevention</b>  <i>"Introduction, spread and establishment of pest plants and pest animals is prevented".</i></p>	<p>Prevention -Effective pest control is achieved by: i) preventing the spread of pests by human activity; and ii) early detection and intervention to control pests.</p>	<p><b>Strategic Objective #2:</b> Manage the introduction of new declared pests and minimise the spread of existing infestations</p> <p><b>Strategic Objective #4:</b> Protect Environmentally Significant Areas &amp; Aquatic Environments from declared pests</p>
<p><b>Integration</b>  <i>" Integrated systems for managing the impacts of established pests are developed and widely implemented".</i></p>	<p>Best Practice - Pest management must be based on ecologically and socially responsible practices that protect the environment and the productive capacity of natural resources. Improvement - Research about pests, and regular monitoring and evaluation of pest control activities, is necessary to improve pest management practices. Commitment - Effective pest management requires a long-term commitment to pest management by the community, industry groups and government entities.</p>	<p><b>Strategic Objective #1:</b> Raise community awareness of declared pests and their impact. Increase the community's capacity to identify and manage declared pests.</p> <p><b>Strategic Objective #2:</b> Manage the introduction of new declared pests and minimise the spread of existing infestations</p> <p><b>Strategic Objective #3:</b> Sustain best pest management practice &amp; undertake regional collaboration</p> <p><b>Strategic Objective #4:</b> Protect Environmentally Significant Areas &amp; Aquatic Environments from declared pests</p>



# PART B

## Pest Species of Redland 2010 - 2014

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## Introduction to Part B

Part B of Redland's Pest Management Plan explains the different declaration statuses and assigns a control priority level to all the known declared pests located in Redland. Appendix A provides a complete list of Queensland's declared pest plants and animals.

## Understanding the Declaration Status

Declared pests are those plants and animals that are declared under the Land Protection (Pest and Stock Route Management) Act and Regulations, the names of which are contained in a schedule to the Regulation.

The Act categorises pest species into the following three categories:-

- **Class 1** pests are not commonly present in Queensland, and if introduced would cause an adverse economic, environmental or social impact. Class 1 pests are subject to eradication and landowners must take reasonable steps to keep land free of Class 1 pests. Redland City Council assigns the highest control priority to class 1 pests and collaboratively works with Biosecurity Queensland to ensure appropriate control;
- **Class 2** pests are established in Queensland and have, or could have, a substantial adverse economic, environmental or social impact. Landowners must take reasonable steps to keep land free of Class 2 pests and are expected to control and prevent their further spread. It is a serious offence to introduce, keep or supply a Class 2 pest without a permit issued by Biosecurity Queensland; and
- **Class 3** pests plants are established in Queensland and have, or could have, an adverse economic, environmental or social impact. Land holders are not required to control Class 3 pests unless their land is a dedicated Environmentally Significant Area or adjacent to an Environmentally Significant Area. It is a serious offence to supply a Class 3 pest without a permit issued by Biosecurity Queensland.

Madreia Vine





# Council's Control Priority Levels

Redland City Council assigns either a high, medium or low control priority level for declared pests. The table details the control priority level assigned to specific groups of declared pests and the operational objective to be achieved for each priority level.

Control Priority Level	Assigned to	Operational objective
High	<ul style="list-style-type: none"> <li>Class 1 declared pests</li> <li>Incursions of high risk Class 2 declared pests not commonly found within the City, but have the potential to readily establish.</li> <li>Class 2 declared pests located in Environmentally Significant Areas</li> <li>Class 3 declared pests at select park reserve sites</li> </ul>	<ul style="list-style-type: none"> <li>Destroy infestations in the first instance</li> <li>Monitor for new germination of the known infestation</li> <li>Monitor for spread from the known infestation</li> <li>Provide ongoing control of known infestations</li> <li>Advise Biosecurity Queensland of 0020 control treatment taken</li> <li>Advise neighbouring local authorities</li> <li>Raise awareness among residents adjoining the infestation</li> <li>Inform landholders of their obligation to control infestations</li> <li>Provide advice on the identification and treatment</li> <li>High level of coordination between Local Laws, Environmental Education and Parks and Conservation</li> </ul>
Medium	<ul style="list-style-type: none"> <li>Most Class 2 declared pests</li> <li>Class 3 declared pests that have the potential to cause an adverse, economic, environmental or social impact on an Environmentally Significant Area</li> </ul>	<ul style="list-style-type: none"> <li>Undertake routine inspection and control programs</li> <li>Prevent the further spread from known infestations</li> <li>Inform landholders of their obligation to control infestations</li> <li>Provide advice on identification and treatment</li> <li>Raise awareness among the community</li> </ul>
Low	<ul style="list-style-type: none"> <li>Class 3 declared pests</li> </ul>	<ul style="list-style-type: none"> <li>Conduct inspection and control programs where resources allow</li> <li>Raise awareness among the community</li> <li>Inform landholders of their obligation to control infestations</li> <li>Provide advice on the identification and treatment</li> </ul>

IPL	Refers to the list of 200 most invasive plants in Southeast Queensland as assessed by G. Batianoff and D. Butler in 2002.
LL13	Local Law 13 (Control of Pests)
NAL	National Alert List
USLPMP	Unallocated State Land Pest Management Plan
WONS	Weed of National Significance

**Control objective** – The control objective is based on the most feasible level of control assessed for that species, the full objectives include,

- Prevent and existing infestations/populations Prevent from entering the city and detect & eradicate new
- Eradicate infestations/populations Detect and eradicate new and existing
- Reduce Significantly reduce the area infested/populated
- Contain Contain infestations and prevent from spreading


Broad leaved Pepper



# Control Priorities for Declared Pest Plants and animals in Redlands

The tables in this section list the control priority and control status of all known declared pest plants and animals in Redlands. The shaded species have been recorded in the city.

STATE AND LOCALLY DECLARED PLANT PESTS					
	Common name	Botanical name	Status	Control objective	Control priority
1.	Acacia's non-indigenous to Australia	<i>Acacia spp (other than Acacia nilotica and A. farnesiana)</i>	Class 1	Prevent	High
2.	African boxthorn	<i>Lycium ferocissimum</i>	Class 2	Eradicate	Medium
3.	African fountain grass	<i>Pennisetum setaceum</i>	Class 3	Eradicate	Medium
4.	African Tulip Tree	<i>Spathodea campanulate</i>	Class 3	Reduce	Low
5.	Alligator Weed	<i>Alternanthera philoxeroides</i>	Class 1, WONS,	Prevent	High
6.	American rat's tail grass	<i>Sporobolus jacquemontii</i>	Class 2	Reduce	Medium
7.	Anchored water hyacinth	<i>Eichhornia azurea</i>	Class 1	Prevent	High
8.	Annual Ragweed	<i>Ambrosia artemisiifolia</i>	Class 2	Reduce	High
9.	Asparagus fern	<i>Protasparagus africanus</i>	Class 3	Reduce	High
10.	Asparagus fern	<i>Protasparagus aethiopicus CV. springeri (syn. Densiflorus)</i>	Class 3	Contain	High
11.	Athel Pine	<i>Tamarix aphylla</i>	Class 3, WONS	Prevent	High
12.	Badhara Bush	<i>Gmelina asiatica</i>	Class 1	Prevent	High
13.	Balloon vine	<i>Cardiospermum grandiflorum</i>	Class 3	Reduce	Medium
14.	Barner Grass/Cow Cane	<i>Pennisetum purpureum x P. glaucum, Pennisetum purpureum</i>	LL13	Eradicate	Medium



15.	Bitou Bush	<i>Chrysanthemoides monilifera</i> subsp. <i>rotundata</i>	Class 1, WONS	Eradicate	High
16.	Blackberry	<i>Rubus anglocandicans</i> and <i>R. fruticosus</i> agg	Class 3	Eradicate	Medium
17.	Bolivian wattle	<i>Acacia boliviana</i>	Class 1	Prevent	High
18.	Bridal Creeper	<i>Protasparagus asparagoides</i>	Class 1, WONS	Prevent	High
19.	Cabomba	<i>Cabomba</i> Sp.	Class 2, WONS	Prevent	High
20.	Camphor laurel	<i>Cinnamomum camphora</i>	Class 3,	Contain	High
21.	Cats claw creeper	<i>Macfadyena unguis-cati</i>	Class 3,	Eradicate	High
22.	Chilean needle grass	<i>Naselle neessiana</i>	Class 1, WONS	Prevent	High
23.	Chinee apple	<i>Ziziphus mauritiana</i>	Class 2	Prevent	High
24.	Chinese celtis	<i>Celtis sinensis</i>	Class 3	Contain	Low
25.	Christ thorn	<i>Ziziphus spina-christi</i>	Class 1	Prevent	High
26.	Climbing asparagus	<i>Protasparagus plumosus</i>	Class 3	Eradicate	Medium
27.	Cotton-leaf physic nut, bellyache bush	<i>Jatropha gossypifolia</i>	Class 2	Prevent	High
28.	Creeping lantana	<i>Lantana montevidensis</i>	Class 3	Reduce	Medium
29.	Cutch Tree	<i>Acacia catechu</i>	Class 1, NAL	Prevent	High
30.	Dutchman's pipe	<i>Aristolochia</i> spp. Other than native species	Class 3	Eradicate	Medium
31.	Eurasian watermilfoil	<i>Myriophyllum spicatum</i>	Class 1	Prevent	High
32.	Fireweed	<i>Senecio madagascariensis</i>	Class 2	Reduce	High
33.	Giant Rats Tail Grass	<i>Sporobolus pyramidalis</i> and <i>S. natalensis</i>	Class 2	Reduce	Medium
34.	Giant sensitive plant, giant sensitive tree	<i>Mimosa invisa</i>	Class 2	Prevent	High
35.	Glush weed	<i>Hygrophila costata</i>	Class 1	Prevent	High
36.	Gorse	<i>Ulex europaeus</i>	Class 1, WONS	Prevent	High

37.	Green Cestrum	<i>Cestrum parqui</i>	LL13, IPL	Contain	Low
38.	Groundsel Bush	<i>Baccharis halimifolia</i>	Class 2,	Reduce	High
39.	Harrisia cactus	<i>Eriocereus spp</i>	Class 2	Prevent	High
40.	Harungana	<i>Harungana madagascariensis</i>	Class 3	Prevent	High
41.	Honey Locust (including cultivars and varieties)	<i>Gleditsia spp</i>	Class 1	Prevent	High
42.	horsetails	<i>Equisetum sp.</i>	Class 1	Prevent	High
43.	Hymenanche	<i>Hymenachne amplexicaulis</i>	Class 2, WONS	Prevent	High
44.	Karoo thorn	Acacia karoo	Class 1, NAL	Prevent	High
45.	Kochia	<i>Kochia scoparia syn Bassia scoparia</i>	Class 1	Prevent	High
46.	Koster's curse	<i>Clidemia hirta</i>	Class 1	Prevent	High
47.	Kudzu	<i>Pueraria lobata</i>	Class 2	Eradicate	High
48.	Lagarosiphon	<i>Lagarosiphon major</i>	Class 1, NAL	Prevent	High
49.	Lantana	<i>Lantana spp</i>	Class 3, WONS	Contain	High
50.	Madeira vine	<i>Anredera cordifolia</i>	Class 3,	Reduce	High
51.	Madras thorn	<i>Pithecellobium dulce (Syn mimosa dulcis)</i>	Class 1	Prevent	High
52.	Mesquites	<i>Prosopis spp and hybrids other than P. glandulosa, pallida and velutina</i>	Class 1, WONS	Prevent	High
53.	Mesquites	<i>Prosopis glandulosa, pallida and velutina</i>	Class 2, WONS	Prevent	High
54.	Mexican Feather Grass	<i>Nassella tenuissima</i>	Class 1	Eradicate	High
55.	Miconia	<i>Miconia sp</i>	Class 1	Prevent	High
56.	Mikania vine	<i>Mikania spp</i>	Class 1	Prevent	High
57.	Mimosa bush	<i>Acacia farnesiana</i>	Class 1, IPL, WONS	Prevent	High
58.	Mimosa pigra	<i>Mimosa pigra</i>	Class 1, WONS	Prevent	High

59.	Mother of millions	<i>Bryophyllum delagoense</i> and <i>B. daigremontanum</i> <i>X B. delagoense</i>	Class 2	Reduce	Medium
60.	Myrica	<i>Myrica faya</i>	Class 1	Prevent	High
61.	Parkinsonia	<i>Parkinsonia aculeata</i>	Class 2, WONS	Prevent	High
62.	Parramatta grass	<i>Sporobolus africanus</i> , <i>S. fertilis</i>	Class 2	Reduce	Medium
63.	Parthenium weed	<i>Parthenium hysterophorus</i>	Class 2, WONS	Prevent	High
64.	Pencil willow	<i>Salix chilensis</i> syn. <i>S humboldtiana</i>	Class 3	Eradicate	Medium
65.	Pepper tree	<i>Schinus terebinthifolius</i>	Class 3	Reduce	High
66.	Peruvian primrose	<i>Ludwigia peruviana</i>	Class 1	Prevent	High
67.	Piper, spiked pepper	<i>Piper aduncum</i>	Class 1	Prevent	High
68.	Pond apple	<i>Annona glabra</i>	Class 2, WONS	Prevent	High
69.	Prickly acacia	<i>Acacia nilotica</i>	Class 2, WONS	Prevent	High
70.	Prickly pears	<i>Opuntia spp (other than O. ficus-indica)</i>	Class 2	Reduce	Low
71.	Privet	<i>Ligustrum lucidum &amp; sinense</i>	Class 3	Reduce	Medium
72.	Purple Rubber vine	<i>Cryptostegia madagascariensis</i>	Class 3	Prevent	High
73.	Red sesbania	<i>Sesbania punicea</i>	Class 1	Prevent	High
74.	Rubber vine	<i>Cryptostegia grandiflora</i>	Class 2, WONS	Prevent	High
75.	Salvinia	<i>Salvinia spp other than s. molesta</i>	Class 1	Prevent	High
76.	Salvinia	<i>Salvinia molesta</i>	Class 2,	Contain	High
77.	Senegal Tea Plant	<i>Gymnocoronis spilanthoides</i>	Class 1	Eradicate	High
78.	Serrated tussock	<i>Naselle trichotoma</i>	Class 1, WONS	Prevent	High
79.	Siam weed	<i>Chromolaena odorata</i>	Class 1	Prevent	High
80.	Sicklepod	<i>Senna obtusifolia,</i> <i>tora &amp; hirsute</i>	Class 2	Reduce	Medium

81.	Singapore Daisy	<i>Sphagneticola trilobata</i>	Class 3	Reduce	High
82.	Thunbergia, blue trumpet vine	<i>Thunbergia grandiflora</i>	Class 2	Prevent	High
83.	Thunbergia, Laurel clock vine	<i>Thunbergia annua, fragrans and laurifolia</i>	Class 1	Eradicate	High
84.	Tobacco weed	<i>Elephantopus mollis</i>	Class 2	Prevent	High
85.	Water caltrops, floating water chestnuts	<i>Trapa species</i>	Class 1	Prevent	High
86.	Water Hyacinth	<i>Eichhornia crassipes</i>	Class 2	Contain	High
87.	Water lettuce	<i>Pistia stratiotes</i>	Class 2	Contain	High
88.	Water Mimosa	<i>Neptunia oleracea</i> and <i>N. plena</i>	Class 1	Prevent	High
89.	Water soldier	<i>Stratiotes aloides</i>	Class 1	Prevent	High
90.	Willows	<i>Salix spp.</i> Other than <i>S. babylonica</i> , <i>S. x calodendron</i> , <i>S. x reichardtii</i> and <i>S. chilensis</i>	Class 1, WONS	Eradicate	High
91.	Witch weeds	<i>Striga Spp.</i> Other than native spp	Class 1	Prevent	High
92.	Yellow Bells	<i>Tecoma stans</i>	Class 3	Eradicate	Medium
93.	Yellow Burr-head	<i>Limnocharis flava</i>	Class 1	Prevent	High
94.	Yellow Oleander (Captain cook tree)	<i>Thevetia peruviana</i>	Class 3	Eradicate	Medium

## STATE AND LOCALLY DECLARED ANIMAL PESTS

	Common name	Botanical name	Status	Control objective	Control priority
1.	All Class 1 animals		Class 1	Prevent	High
2.	Aust.n Plague locust	<i>Chortoicetus terminifera</i>	Class 2	Prevent	High
3.	Cat – other than domestic	<i>Felis catus</i>	Class 2	Contain	High
4.	Dingo	<i>Canis familiaris dingo</i>	Class 2	Prevent	High
5.	Dog – other than domestic	<i>Canis familiaris</i>	Class 2	Reduce	High
6.	European fox	<i>Vulpes vulpes</i>	Class 2	Contain	High
7.	European rabbit (domestic and wild)	<i>Oryctolagus cuniculus</i>	Class 2	Eradicate	Medium
8.	Feral hog deer	<i>Axis porcinus</i>	Class 1	Prevent	High
9.	Feral sambar deer	<i>Cervus unicolor</i>	Class 1	Prevent	High
10.	Feral white-tail deer	<i>Odocoileus virginianus</i>	Class 1	Prevent	High
11.	Feral rusa deer	<i>Cervus timorensis</i>	Class 2	Prevent	High
12.	Feral chital (axis) deer	<i>Axis axis</i>	Class 2	Prevent	High
13.	Feral Red deer	<i>Cervus elaphus</i>	Class 3	Prevent	High
14.	Feral fallow deer	<i>(Dama dama)</i>	Class 3	Prevent	High
15.	Ferret	<i>Mustela furo</i>	Class 1	Prevent	High
16.	Goat – Other than domestic	<i>Capra hircus</i>	Class 2,	Prevent	High
17.	Migratory Locust	<i>Locusta migratoria</i>	Class 2	Prevent	High
18.	Pig (Feral)	<i>Sus scrofa</i>	Class 2,	Eradicate	High
19.	Red ear slider turtle	<i>Trachemys scripta elegans</i>	Class 1,	Prevent	High
20.	Red Imported Fire Ant	<i>Solenopsis invicta</i>	Class 1,	Eradicate	High
21.	Spur throated locust	<i>Austracris guttulosa</i> Class 2	Class 2	Prevent	High
22.	Yellow Crazy Ant	<i>Anoplolepis gracilipes</i>	Class 1,	Prevent	High



# Control Priorities for Non-declared Pest Plants and animals in Redlands

The tables in this section list the control priority and control status of all known non-declared pest plants and animals in Redlands.

NON-DECLARED PLANT PESTS					
	Common name	Botanical name	Status	Control objective	Control priority
1.	Crab's eye creeper	<i>Abrus precatorius subsp. africanus</i>		Control	Low
2.	African love grass	<i>Eragrostis curvular</i>	IPL	Prevent	High
3.	African pigeon grass	<i>Setaria sphacelata</i>	IPL	Reduce	Low
4.	African sedge	<i>Cyperus involucratus</i>	IPL	Contain	Low
5.	Alternanthera	<i>Alternanthera dentata</i>		Contain	Low
6.	American elder	<i>Sambucus canadensis</i>	IPL	Prevent	High
7.	American sea rocket	<i>Cakile edentula</i>	IPL	Reduce	Medium
8.	Angel's trumpet	<i>Datura candida</i>		Eradicate	Medium
9.	Arrowhead Vine	<i>Syngonium podophyllum</i>		Contain	Low
10.	Arsenic bush	<i>Senna septemtrionalis (was S. floribunda)</i>	IPL	Prevent	High
11.	Arum lily	<i>Zantedeschia aethiopica</i>		Prevent	High
12.	Asthma weed or pellitory	<i>Parietaria judaica</i>		Prevent	High
13.	Asystasia	<i>Asystasia gangetica</i>	NAL	Prevent	High
14.	Austroeupatorium	<i>Austroeupatorium inulaefolium</i>		Prevent	High
15.	Balloon cotton bushes	<i>Gomphocarpus fruiticosus, G. physocarpus</i>	IPL	Reduce	Medium
16.	Balloon vine	<i>Cardiospermum halicacabum</i>		Reduce	Medium
17.	Balsams, bizzie lizzie	<i>Impatiens walleriana</i>	IPL	Reduce	Medium
18.	Barleria	<i>Barleria prioritis</i>	WONS	Prevent	High
19.	Barnyard grasses	<i>Echinochloa colona, E. crus-galli</i>	IPL	Contain	Low



20.	Bauhinia	<i>Bauhinia purpurea</i> , <i>B. variegata</i>		Contain	Low
21.	Beach evening primrose	<i>Oenothera drummondii</i> subsp. <i>drummondii</i>		Contain	Low
22.	Blackberries	<i>Rubus bellobatus</i> , <i>R. anadensi</i> , <i>R. ellipticus</i>	IPL	Eradicate	Medium
23.	Blackberry, Florida	<i>Rubus argutus</i>		Prevent	High
24.	Black-eyed susan	<i>Thunbergia alata</i>	IPL	Reduce	Medium
25.	Blue billy goat weed	<i>Ageratum houstonianum</i>	IPL	Contain	Low
26.	Blue lotus	<i>Nymphaea caerulea</i> subsp. <i>Zanzibarensis</i>	IPL	Reduce	Low
27.	Blue morning glory	<i>Ipomoea indica</i> and <i>Ipomea caria</i>		Contain	High
28.	Brazilian white bellflower, monkeys comb	<i>Pithecoctenium crucigerum</i>		Prevent	High
29.	Brazilian cherry shrub	<i>Eugenia uniflora</i>	IPL	Contain	Low
30.	Brazilian nightshade	<i>Solanum seaforthianum</i>	IPL	Reduce	Low
31.	Broad leaved carpet grass	<i>Axonopus compressus</i>		Contain	Low
32.	Buddleja	<i>Buddleja madagascariensis</i>	IPL	Eradicate	Medium
33.	Buffalo grass	<i>Stenotaphrum secundatum</i>	IPL	Contain	Low
34.	Buffel grass, Mossman river grass	<i>Cenchrus ciliaris</i> , <i>C. echinatus</i>	IPL	Eradicate	Medium
35.	Bulbil watsonia	<i>Watsonia meriana</i> var <i>bulbillifera</i>	IPL	Eradicate	Medium
36.	Cadaghi	<i>Corymbia torrelliana</i> syn <i>Eucalyptus</i>		Contain	Low
37.	Canadian goldenrod	<i>Solidago canadensis</i> var. <i>scabra</i>	IPL	Prevent	High
38.	Candle, finger tree	<i>Euphorbium candelabrum</i>		Prevent	Low
39.	Canna lilly	<i>Canna indica</i>	IPL	Reduce	Low
40.	Cape ivy	<i>Senecio tamoides</i>	IPL	Eradicate	Medium
41.	Capeweed	<i>Arctotheca calendula</i>		Prevent	High
42.	Castor oil plant	<i>Ricinus communis</i>	IPL	Eradicate	Medium

43.	Century Plant, Foxtail Plant, False sisal, Elephant's ears	<i>Agave americana, attenuata, decipiens, indica</i>	IPL,	Contain	Low
44.	Chinese burr	<i>Triumfetta rhomboidea</i>	IPL	Prevent	High
45.	Chinese empress tree	<i>Paulownia tomentosa</i>	IPL	Eradicate	Medium
46.	Cluster pine, maritime pine	<i>Pinus pinaster</i>		Prevent	High
47.	Cobblers pegs	<i>Bidens pilosa</i>	IPL	Contain	Low
48.	Cockscomb coral tree	<i>Erythrina crista-galli</i>	IPL	Contain	Low
49.	Coco's/Queen palm	<i>Syagrus romanzoffianum (Cocos nucifera)</i>	IPL	Eradicate	Medium
50.	Coffee	<i>Coffea arabica</i>	IPL	Eradicate	Medium
51.	Common Indian Hawthorn	<i>Rhaphiolepis indica</i>	IPL	Contain	Low
52.	Cootamundra wattle	<i>Acacia baileyana</i>		Eradicate	Medium
53.	Coral berries	<i>Ardisia crenata, crispa, humilis, elliptica</i>		Eradicate	Low
54.	Coral berry, baby pepper	<i>Rivinia humilis</i>	IPL	Contain	Low
55.	Coral tree	<i>Erythrina variegata</i>		Contain	Low
56.	Coral tree	<i>Erythrina skyesii</i>		Eradicate	Medium
57.	Corky passion vine	<i>Passiflora suberosa</i>	IPL	Contain	Low
58.	Cotoneaster	<i>Cotoneaster spp</i>		Contain	Low
59.	Couch, Bahama grass introduced cultivars	<i>Cyndon dactylon</i>		Contain	Medium
60.	Cow itch, velvet bean	<i>Mucuna pruriens</i>		Prevent	High
61.	Inch Plant	<i>Callisia repens</i>		Contain	Low
62.	Crofton weed	<i>Ageratina adenophorum</i>	IPL	Reduce	Medium
63.	Crownbeard	<i>Verbesina encelioides</i>	IPL	Prevent	High
64.	Crowsfoot grass	<i>Eleusine indica</i>	IPL	Contain	Low
65.	Cuban hemp	<i>Furcraea foetida</i>	IPL	Eradicate	Medium
66.	Cyperus sp	<i>Cyperus teneristolon</i>	WONS	Prevent	High
67.	Dense water weed	<i>Egeria densa</i>	IPL	Prevent	High
68.	Devil's apple	<i>Solanum aculeatissimum</i>	VES	Contain	Low
69.	Duranta	<i>Duranta erecta</i>	IPL	Eradicate	Medium
70.	Dwarf Arrowhead	<i>Sagittaria pygmaea</i>		Prevent	High

71.	Easter Cassia	<i>Senna pendula var glabrata</i>	IPL	Reduce	Medium
72.	Egyptian papyrus	<i>Cyperus papyrus</i>		Contain	Low
73.	Fire Flower Yellow Bells	<i>Tecoma capensis</i>	IPL	Contain	Low
74.	Fishbone Fern	<i>Nephrolepis cordifolia</i>		Reduce	Low
75.	Fishpole Bamboo	<i>Phyllostachys aurea</i>	IPL	Contain	Low
76.	Flame Vine	<i>Pyrostegia venusta</i>	IPL	Eradicate	Medium
77.	Flaxleaf fleabane, Canadian Fleabane, Tall fleabane	<i>Conyza bonariensis</i> , <i>C. 34anadensis</i> , <i>C. sumatrensis</i>	IPL	Eradicate	Medium
78.	Foxglove	<i>Digitalis purpurea</i>		Prevent	High
79.	Giant devils fig Devils fig, tobacco bush	<i>Solanum hispidulum</i> , <i>S. erianthum</i> & <i>torvum</i>	IPL	Eradicate	Medium
80.	Giant reed	<i>Arundo donax</i>	IPL	Reduce	Low
81.	Gloriosa lily	<i>Gloriosa superba</i> , <i>rothschildiana</i>	IPL	Contain	Low
82.	Glycine	<i>Neonotonia wightii</i>	IPL	Contain	Low
83.	Golden chain tree	<i>Laburnum anagyroides</i>	VES	Prevent	High
84.	Golden rain tree/ Chinese rain tree	<i>Koelreuteria elegans</i> & <i>paniculata</i>	IPL, NAL	Eradicate	High
85.	Grader grass	<i>Themeda quadrivalvis</i>	IPL	Contain	Low
86.	Greenleaf desmodium	<i>Desmodium intortum</i>	IPL	Reduce	Medium
87.	Guinea grass	<i>Megathyrsus maximus</i>	IPL	Contain	Low
88.	Hairy wandering jew	<i>Commelina benghalensis</i>		Reduce	Low
89.	Hawthorn	<i>Crataegus monogyna</i>		Reduce	Medium
90.	Hemlock	<i>Conium maculatum</i>		Eradicate	Medium
91.	Hemp	<i>Furcraea selloa</i>	IPL	Eradicate	Medium
92.	Himalayan ash /Evergreen ash	<i>Fraxinus griffithii</i>		Contain	Low
93.	Hiptage	<i>Hiptage benghalensis</i>	IPL	Prevent	High
94.	Indian hawthorne	<i>Rhapholepis indica</i>		Contain	Low

95.	Indian siris	<i>Albizia lebbbeck</i>		Prevent	High
96.	Inkweed	<i>Phytolacca octandra</i>	IPL	Contain	Low
97.	Jacaranda	<i>Jacaranda mimosifolia</i>	IPL	Eradicate	Medium
98.	Japanese Honey suckle	<i>Lonicera japonica</i>	IPL	Reduce	Low
99.	Japanese sunflower	<i>Tithonia diversifolia</i>	IPL	Eradicate	Medium
100	Jointed rush	<i>Juncus articulatus</i>	IPL	Contain	Low
101	Kikuyu grass	<i>Pennisetum clandestinum</i>	IPL	Contain	Low
102	Leaf cactus	<i>Pereskia aculeata</i>	NAL	Prevent	High
103	Leucaena	<i>Leucaena leucocephala</i>	IPL	Reduce	Medium
104	Lippia	<i>Phyla canescens</i>	IPL	Reduce	Low
105	Loquat	<i>Eriobotrya japonica</i>	IPL	Contain	Low
106	Lotus lily	<i>Nelumbo nucifera</i>		Contain	Medium
107	Ludwigia	<i>Ludwigia longifolia</i>		Contain	Low
108	Malabar plum, rose apple	<i>Syzygium jambos</i>		Eradicate	Medium
109	Mexican sunflower	<i>Tithonia rotundifolia</i>		Prevent	High
110	Mexican yellow lilly	<i>Nymphaea mexicana</i>	IPL	Reduce	Low
111	Mile a minute, morning glory	<i>Ipomea cairi &amp; indica</i>	IPL	Contain	High
112	Milkweed	<i>Euphorbia heterophylla</i>	IPL	Reduce	Low
113	Mistflower	<i>Ageratina riparium</i>	IPL	Contain	Low
114	Molasses grass, red natal grass	<i>Melinus minutifolia &amp; repens</i>	IPL	Reduce	Medium
115	Moon flower Morning glory, cyrpress vine,	<i>Ipomoea alba &amp; quamoclit</i>		Reduce	Low
116	Mosso Bamboo	<i>Phyllostachys heterocycla pubescens</i>		Contain	Low
117	Mother in laws tongue	<i>Sansevieria trifasciata</i>	IPL	Eradicate	Medium
118	Mud plantain	<i>Heteranthera reniformis</i>		Eradicate	Medium
119	Mullumbimby couch	<i>Cyperus brevifolius</i>	IPL	Reduce	Medium
120	Murraya, mock orange	<i>Murraya paniculata</i>	IPL	Contain	Low

121	Navua Sedge	<i>Cyperus aromaticus</i>		Contain	Low
122	Night blooming cactus	<i>Hylocereus undatus</i>		Prevent	High
123	Noogoora & Bathurst Burr	<i>Xanthium pungens</i> , <i>X. spinosum</i>		Eradicate	Medium
124	Nut grass <i>Cyperus rotundus</i>	<i>Cyperus rotundus</i>		Contain	Low
125	Ochna or Mickey mouse plant	<i>Ochna serrulata</i>	IPL	Contain	Low
126	Oleander	<i>Nerium oleander</i>		Contain	Low
127	Olive	<i>Olea europaea</i>	IPL	Contain	Low
128	Paddy's lucerne	<i>Sida rhombifolia</i>	IPL	Contain	Low
129	Painted spurge	<i>Euphorbia cyanthophora</i>	IPL	Eradicate	Medium
130	Palm leaf setaria,	<i>Setaria palmifolia</i> ,	IPL	Reduce	Low
131	Pampas grass	<i>Cortaderia selloana</i>	IPL	Contain	Low
132	Para grass	<i>Brachiaria mutica</i>	IPL	Contain	Low
133	Parrots feather	<i>Myriophyllum aquaticum</i>	IPL	Contain	Medium
134	Paspalum grass, Broad leaf paspalum	<i>Paspalum conjugatum</i> , <i>dilatatum</i> , <i>mandiocanu</i> , <i>notatum</i>	IPL	Contain	Low
135	Passionfruit	<i>Passiflora edulis</i> , <i>subpeltata</i>	IPL	Reduce	Low
136	Pennywort	<i>Hydrocotyle bonariensis</i>		Contain	Low
137	Peppercorn tree, pepperina	<i>Schinus molle</i>		Eradicate	Medium
138	Perennial horse gram	<i>Macrotyloma axillare</i>	IPL	Prevent	High
139	Perennial ragweed	<i>Ambrosia psilostachya</i>		Eradicate	Medium
140	Pine tree	<i>Pinus radiata</i>	USL PMP	Reduce	Low
141	Pine tree, Slash pine,	<i>Pinus caribbae</i> , <i>P. elliotti</i> , <i>P. patula</i>		Reduce	Medium
142	Plantains	<i>Plantago spp.</i>		Contain	Low
143	Poinsettia	<i>Euphorbia pulcherrima</i>		Contain	Low
144	Polka dot plant	<i>Hypoestes phyllostachya</i>	IPL	Contain	Low
145	Praxelis	<i>Praxelis clematidea</i>	NAL	Prevent	High
146	Purple splash	<i>Alternanthera dentata</i>	WONS	Eradicate	Low
147	Purple succulent	<i>Callisia fragrans</i>	IPL	Eradicate	Medium

148	Qld blue couch/Crab and pangola grass	<i>Digitaria didactyla, D. eriantha</i>	IPL	Control	Medium
149	Rambling dock	<i>Acetosa sagittata</i>	IPL	Prevent	High
150	Rattlepods	<i>Crotalaria sp.</i>		Contain	Low
151	Red cestrum	<i>Cestrum elegans</i>		Prevent	High
152	Red Christmas Pride	<i>Stephanophysum longifolium</i>		Contain	Low
153	Red cotton bush	<i>Asclepias curassavica</i>	IPL	Eradicate	Medium
154	Rhodes grass	<i>Chloris gayana</i>	IPL	Contain	Low
155	Rhus tree	<i>Toxicodendron succedaneum</i>		Prevent	High
156	Romerillo (toxic groundsel)	<i>Baccharis coridifolia</i>		Prevent	High
157	Round-leaf cassia	<i>Chamaecrista rotundifolia</i>	IPL	Eradicate	Medium
158	Rubber tree	<i>Ficus elastica</i>		Eradicate	Medium
159	Ruellia	<i>Ruellia malacosperma and Tweediana</i>	IPL	Contain	Low
160	Sacramento burr	<i>Triumfetta semitriloba</i>		Prevent	High
161	Saffron thistle	<i>Carthamus lanatus</i>		Eradicate	Medium
162	Sagittaria arrowhead	<i>Sagittaria graminea var. platyphylla</i>	IPL	Prevent	High
163	Salvia, red salvia	<i>Salvia coccinea</i>	IPL	Prevent	High
164	Scotch broom	<i>Cytisus scorparius</i>		Prevent	High
165	Sea tassel	<i>Ruppia maritima</i>	IPL	Prevent	High
166	Sensitive plant	<i>Mimosa pudica</i>	IPL	Eradicate	Medium
167	Shrubby stylo	<i>Stylosanthes scabra</i>	IPL	Prevent	High
168	Siratro	<i>Macroptilium atropurpureum</i>	IPL	Contain	Low
169	Signal grass	<i>Brachiaria decumbens</i>	IPL	Contain	Low
170	Silverleaf desmondium	<i>Desmodium uncinatum</i>	IPL	Reduce	Medium
171	Sisal	<i>Agave sisalana, A. vivipara</i>	IPL	Contain	Low
172	Squirreltail	<i>Justicia betonica</i>	IPL	Prevent	High
173	Stinging nettles	<i>Urtica spp.</i>		Eradicate	Medium
174	Stinking rodger	<i>Tagetes minuta</i>	IPL	Contain	Low
175	Stinky passionfruit	<i>Passiflora foetida</i>	IPL	Eradicate	Medium
176	Strawberry guava, Common guava	<i>Psidium guajava</i>	IPL	Eradicate	Medium
177	Swamp fox tail	<i>Pennisetum alopecuroides</i>	IPL	Eradicate	medium

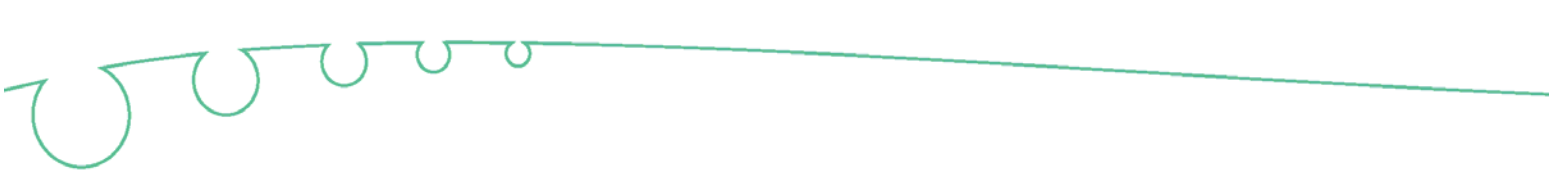
178	Swedish Ivy	<i>Plectranthus nummularius</i>		Contain	Low
179	Sword pear	<i>Acanthocereus tetragonus</i>	IPL	Prevent	High
180	Taiwan Lilly	<i>Lilium formosanum</i>	IPL	Prevent	High
181	Taro	<i>Colocasia esculentia</i>	IPL	Contain	Low
182	Taro, blue taro	<i>Quanthosma violaceum</i>		Contain	Low
183	Telegraph weed	<i>Heterotheca grandiflora</i>		Prevent	High
184	Thornapples	<i>Datura ferox, D. meteloides, D. tatula, D. stramonium</i>		Eradicate	Medium
185	Tickseed	<i>Coreopsis laceolata</i>		Prevent	High
186	Tipuana	<i>Tipuana tipu</i>	IPL	Eradicate	Medium
187	Toad flax	<i>Linaria vulgaris</i>		Prevent	High
188	Tree of heaven	<i>Ailanthus altissima</i>	IPL	Eradicate	Medium
189	Tree tobacco	<i>Nicotiana glauca</i>		Contain	Low
190	Tropical pickerelweed	<i>Pontederia rotundifolia</i>		Prevent	High
191	Umbrella sedge	<i>Cyperus eragrostus</i>		Contain	Low
192	Umbrella tree	<i>Schefflera actinophylla</i>		Reduce	Low
193	Vinca, pink periwinkle	<i>Catharanthus roseus</i>	IPL	Eradicate	Medium
194	Wait a while, thorny poinciana	<i>Caesalpinia decapetala</i>	IPL	Prevent	High
195	Wandering jew	<i>Tradescantia albiflora</i>	IPL	Reduce	Low
196	Water pennywort	<i>Hydrocotyle ranunculoides</i>		Contain	Low
197	Water plantain	<i>Alisma lanceolatum</i>		Prevent	High
198	Water poppy	<i>Hydrocleys nymphoides</i>		Contain	Low
199	Watercress	<i>Nasturtium officinale (syn. Rorippa nasturtium-aquaticum)</i>	IPL	Prevent	High
200	Whisky grass	<i>Andropogon virginicus</i>	IPL	Contain	Low
201	White bladder flower, moth vine	<i>Araujia sericifera</i>	IPL	Prevent	High
202	White Mulberry, Mulberry	<i>Morus alba, M. nigra, M. rubra</i>	IPL	Contain	Low
203	Wild ginger, Ginger lilly	<i>Hedychium coronatum, H. gardnerianum</i>	IPL	Contain	Low
204	Wild goose plum	<i>Prunus munsoniana</i>	IPL	Eradicate	Medium
205	Wild tobacco	<i>Solanum mauritianum</i>	IPL	Eradicate	Medium



206	Wild Zinnia	<i>Zinnia peruviana</i>	IPL	Prevent	High
207	Wisteria	<i>Wisteria sinensis</i> , <i>W. floribunda</i>		Contain	Low
208	Yellow oleander	<i>Cascabela thevetia</i>		Reduce	Low
209	Yorkshire fog	<i>Holcus lanatus</i>		Prevent	High
210	Zebrina	<i>Tradescantia zebrina</i>	IPL	Reduce	Low

## NON-DECLARED ANIMAL PESTS

	Common name	Botanical name	Status	Control objective	Control priority
1.	Black or ship rat	<i>Rattus rattus</i>	Public Health Regulation 2005	Contain	Low
2.	Brown or common rat	<i>Rattus norvegicus</i>	Public Health Regulation 2005	Contain	Medium
3.	Cane Toad	<i>Bufo marinus</i>	Common pest	Contain	Low
4.	Carp	<i>Cyprinus carpio</i>	Fisheries Act 1994	Reduce	Medium
5.	Deer Feral	<i>All species</i>	SROC	Prevent	High
6.	Duck	<i>Anas platyrhynchos</i>	Uncommon pest	Eradicate	Medium
7.	European bees (Feral)	<i>Apis mellifera</i>	Common pest	Contain	Low
8.	European Hare	<i>Lepus europaeus</i>	Common pest	Contain	Low
9.	House Mouse	<i>Mus musculus</i>	Public Health Regulation 2005	Contain	Medium
10.	Indian Myna bird	<i>Acridotheres tristis</i>	Common pest	Eradicate	Medium
11.	Mosquito fish	<i>Gambusia holbrooki</i>	Fisheries Act 1994	Contain	Low
12.	Peafowl (Feral)	<i>Pavo cristatus</i>	Common pest	Contain	Low
13.	Pigeons & doves (feral)	<i>All species</i>	Common pest	Contain	Medium
14.	Starling	<i>Sturnus vulgaris</i>	Common pest	Contain	Low
15.	Tilapia	<i>Tilapia mariae</i> and <i>Oreochromis mossambicus</i>	Fisheries Act 1994	Reduce	Medium



# PART C

Operations 2010 - 2014

DRAFT

# Introduction to Part C

Part C of Redland's Pest Management Plan outlines an internal operational plan to control declared pests in Redland. Specifically, Part C:

- Explains pest management responsibility within Council;
- Outlines the annual city-wide declared pest inspection program;
- Discusses the various control and enforcement methods used by Council; and
- Identifies Redland's Environmentally Significant Areas

## Pest Management Responsibility within Council

The table below shows that managing declared pests is a shared responsibility among Council's Animal and Pest Services, Parks and Environment & Sustainability branches. The table below summarises the role that each branch plays.

Council Branch	Role in Managing Declared Pests
Operations and Maintenance	Responsible for : <ul style="list-style-type: none"> <li>• Identifying infestations and populations of declared pests in Redland public land</li> <li>• Managing Class 1 &amp; Class 2 declared pests found on Council controlled land</li> <li>• Managing declared pest &amp; invasive plants at strategically selected Council controlled sites</li> <li>• Providing technical support and guidance in the management of declared pests.</li> </ul>
Environmental Education	Responsible for: <ul style="list-style-type: none"> <li>• Coordinating and delivering extension programs</li> <li>• Preparing - in conjunction with Environment &amp; Sustainability – natural area management plans</li> <li>• Coordinating reviews</li> <li>• Providing advice to landholders on best methods to control declared pests</li> <li>• Providing funding opportunities to landholders through extension programs</li> </ul>
Community Standards	<ul style="list-style-type: none"> <li>• Identifying infestations and populations of declared pests in Redland</li> <li>• Issuing Pest Control Notices to landholders of privately-owned land containing infestations of declared pests</li> </ul>
Environmental Management	Responsible for: <ul style="list-style-type: none"> <li>• Coordinating with State and Federal agencies to manage declared pests found on State &amp; Federal controlled land.</li> <li>• Maintaining Council's environmental mapping (eg. Biodiversity, waterways, conservation priority)</li> <li>• Ensuring data collection and mapping of pests is consistent and being undertaken</li> </ul>

# Declared Pest Inspection Program

A component of effectively managing pests in Redland is the surveillance of areas that may harbour declared pests. Each year, Council conducts a Declared Pest Inspection Program that monitors known existing and detects new infestations of declared pest plants. The legend below and the tables on the following page illustrate the times of year inspection and treatment programs are critical for the control of specific declared pest plants. The table also differentiates when regular and minimal control is required.

## LEGEND:

Critical Control / Intensive Inspection Period (Pre-flowering / Severe growth period)

Regular Control / Routine Inspection Conducted (Regular plant growth)

Minimal Control / No Inspection Conducted (Minimal or no plant growth)

Declared Class 1 Plant	Summer (Dec - Feb)	Autumn (Mar - May)	Winter (Jun - Aug)	Spring (Sep - Nov)
Alligator Weed	Red	Red	Green	Yellow
Hygrophila	Red	Red	Green	Yellow
Honey Locust	Red	Green	Green	Red
Water Mimosa	Yellow	Yellow	Yellow	Yellow
Mexican Bean Tree	Under Surveillance by Biosecurity Queensland			
Senegal Tea	Red	Red	Green	Red
Mexican Feather Grass	Treated by Biosecurity Queensland			
Bitou Bush	Managed in conjunction with Biosecurity Queensland			
Willow	Yellow	Yellow	Green	Yellow
Thunbergia Spp.	Yellow	Yellow	Yellow	Yellow

Declared Class 2 Plant	Summer (Dec - Feb)	Autumn (Mar - May)	Winter (Jun - Aug)	Spring (Sep - Nov)
Annual ragweed	Red	Green	Green	Yellow
Kudzu	Red	Yellow	Yellow	Red
Fireweed	Green	Green	Green	Green
Parramatta Grass spp	Red	Yellow	Green	Yellow
Giant Rat's Tail	Red	Yellow	Green	Yellow
Grass	Red	Yellow	Yellow	Yellow
Groundsel Bush	Red	Yellow	Yellow	Yellow
Mother of Millions	Green	Yellow	Yellow	Yellow
Salvinia	Red	Yellow	Yellow	Yellow
Thunbergia	Red	Yellow	Yellow	Yellow
Water hyacinth	Red	Yellow	Yellow	Yellow
Water lettuce	Red	Yellow	Yellow	Yellow
Hymenachne	Red	Yellow	Green	Yellow
Parthenium	Red	Yellow	Yellow	Yellow

Declared Class 3 Plant	Summer (Dec - Feb)	Autumn (Mar - May)	Winter (Jun - Aug)	Spring (Sep - Nov)
African Fountain Grass	Red	Green	Green	Yellow
African Tulip Trees	Red	Green	Green	Red
Asparagus Fern spp	Yellow	Yellow	Yellow	Red
Balloon Vine	Red	Yellow	Yellow	Red
Broadleaf Pepper	Red	Yellow	Green	Green
Camphor Laurel	Red	Yellow	Yellow	Red
Cats Claw Creeper	Red	Yellow	Yellow	Yellow
Chinese Celtis	Red	Green	Green	Yellow
Dutchman's Pipe	Red	Red	Green	Green
Lantana spp	Yellow	Yellow	Yellow	Yellow
Madeira Vine	Yellow	Yellow	Yellow	Yellow
Privet spp	Red	Yellow	Yellow	Yellow
Singapore Daisy	Yellow	Yellow	Yellow	Red
Tecoma	Yellow	Yellow	Green	Red

\*This table should be read in conjunction with Appendix B, which details the lifecycle, flowering period and treatment methods (including herbicide application rates) for each declared pest plant located in Redland.

## Control & Enforcement Methods

Council takes an integrated pest management approach to control declared pests. An integrated pest management approach considers herbicide, biological and physical control measures to achieve long term control. Operations and Maintenance should liaise with the State and use the most up to date methods of managing flora and fauna pests. This information should be used in conjunction with the most updated data and mapping on pest populations.

### Enforcement

A Pest Control Notice may be issued where Class 1, Class 2 and Class 3 declared pest plants are located on privately-owned property.<sup>2</sup> The notice stipulates:

- The address of the subject property;
- The type of declared pest found;
- The location of the declared pest on the subject property;
- The period of time the landowner has to comply with the notice; and
- A quote for Council to treat the infestation.

Council may at the request of the landowner, treat the declared pest plants and recover costs from the land owner. Alternatively the landowner may contract a private contractor or carry out the work themselves.

In the event of non-compliance, Council may issue an Entry Notice and perform the necessary work to comply with the pest control notice. All costs incurred will be recovered from the landowner.

When pest plants are found on Council-controlled land, Council's Animal & Pest Services will treat the infestation. When pest plants are found on Federal and State-controlled land, Council will advise the relevant government agency.

*2- A pest control notice for a Class 3 Declared Pest would only be issued if the privately-owned property was adjacent to and threatened an Environmentally Significant Area.*



## Environmentally Significant Areas

A key component of the pest management process is the declaration of Environmentally Significant Areas. The *Land Protection (Pest and Stockroute Management) Act 2002* defines an Environmentally Significant Area as:

- A. *a protected area;*
- B. *land dedicated as a reserve for environmental purposes under section 31 of the Land Act;*
- C. *a world heritage area listed under the World Heritage Convention;*
- D. *an area supporting a critically endangered or endangered ecological community in the list established under the Environment Protection and Biodiversity Conservation Act 1999 (Cwlth), section 181;*
- E. *a declared Ramsar wetland under the Environment Protection and Biodiversity Conservation Act 1999 (Cwlth);*
- F. *an area of high conservation value under the Vegetation Management Act 1999, and*
- G. *an area, other than State-controlled land, identified in a local government's pest management plan as an area that has special environmental significance for native wildlife*
- H. *a wild river area.*

Please note: The definition above does not include State controlled land.

The tables on pages 45 to 48 list Redland's Environmentally Significant Areas and have been selected on the basis of one or more of the above criteria. The areas' environmental significance is detailed in the tables on the following pages. Landowners have an obligation to take reasonable steps to keep their land free of Class 1 and 2 declared pests. Owners of Environmentally Significant Areas and owners of land adjoining an Environmentally Significant Area have the additional obligation to control Class 3 declared pests that have the potential to cause an adverse economic, environmental or social impact on the Environmentally Significant Area. Class 3 declared pest plants are well established in Queensland. Their complete removal from Redland is cost prohibitive and a practical impossibility.

To reduce the environmental and economic impact, the control of Class 3 declared pests in and adjoining Environmentally Significant Areas must be done carefully and under consultation of Council's Parks and Conservation. Council has an obligation to take all necessary measures to control weeds on Council land prior to management/ education/compliance activities of are requested of surrounding landholders.

On this basis management of weeds for environmentally significant areas will occur via the following:

- Weed populations in Councils environmentally significant areas will be managed to a point that there is minimal capacity for spread to neighbouring properties
- Neighbouring landholders will be targeted through Environmental Education to manage declared weeds
- If after 6 months the landholder has not managed the weed populations or is not actively engaged in management of the population then compliance measures will be undertaken.

## Environmentally Significant Areas

Location	Environmental Significance	Known Threatened/ Vulnerable Species
Don and Christine Burnett Reserve	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor, wetlands and waterways.	Yes
Eastern Escarpment Conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor, wetlands and waterways.	Yes
Emu St Bushland refuge	Remnant Vegetation; habitat for endangered, vulnerable and rare species and ecological corridor.	Yes
Ford Rd conservation area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Bayview Conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Greater Glider conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Sandy Creek Conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Scribbly Gums Conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Squirrel glider Conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Summit Street reserve	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Weppin St Conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes
Kidd St conservation Area	Remnant Vegetation; habitat for endangered, vulnerable and rare species, ecological corridor and waterways.	Yes

## Aquatic Environments


The table below and on the next page lists 24 aquatic environments that comprise of Council's Aquatic Weed Monitoring and Treatment Program. All aquatic environments listed are inspected at least once a year with treatments conducted as required. Aquatic environments infested with high priority Class 1 pest plants (eg Alligator Weed, Senegal Tea and Hygrophila) are monitored and treated three times a year. Medium to heavy infestations are monitored and treated twice a year.

Council collaborates with State Government agencies in the treatment of major infestations of declared aquatic pest plants in State controlled aquatic environments such as upper Tingalpa Creek.

Aquatic Environment	Pest animal	Aquatic Pest Plant	Status	Inspections / Treatments	Comments
Aranarawai Creek	Pest fish free	Aquatic Pest Plant Free	-	Annual	Based on DNR Ecological Assessment 2007
Buhot Creek	Assessment required	Aquatic Pest Plant Free	-	Annual	Tingalpa Creek WMP mentions weeds present but not type.
California Creek	Assessment required	Assessment required			
Capembah Creek	Pest fish free	Aquatic Pest Plant Free	-	Annual	Based on DNR Ecological Assessment 2007
Cleveland Creek	Assessment required	Salvinia water lettuce	Class 2	Tri-annual	
Coolnwynpin Creek	Mosquito fish (Gambusia holbrooki), Tilapia (Oreochromis mossambicus), Swordtail (Xiphophorus helleri)	Salvinia, water lettuce, Para grass (Brachiaria mutica), knot weed, paspalum	Class 2	Tri-annual	Based on Tingalpa Waterway Health assessment/WMP
Eprapah creek	Mosquito fish (Gambusia holbrooki), Swordtail (Xiphophorus helleri)	Senegal Tea , salvinia, water lettuce.	Class 1	Tri-annual	Based on Eprapah Creek WMP
Freshwater Creek	Mosquito fish (Gambusia holbrooki)	Salvinia	Class 2	Tri-annual	Based on DNR Ecological Assessment



					2007
Hilliards Creek	Mosquito fish (Gambusia holbrooki), Tilapia (Oreochromis mossambicus), Swordtail (Xiphophorus helleri), Platy (Xiphophorus maculatus)	Water Hyacinth (Eichhornia crassipes), Salvinia (Salvinia molesta), Water Lettuce (Pistia stratiotes)	Class 2	Tri-annual	
Little Eprapah	Mosquito fish (Gambusia holbrooki)	Senegal Tea	Class 1	Tri-annual	
Moogurrapum Creek	Mosquito fish (Gambusia holbrooki), Swordtail (Xiphophorus helleri)	Parrot's Feather (Myriophyllum aquaticum) Salvinia (Salvinia Molesta)	Class 2		Based on Moogurrapum Waterway Health assessment
Native Dog Creek	Mosquito fish (Gambusia holbrooki), Swordtail (Xiphophorus helleri), Common carp (Cyprinus carpio).	Aquatic Pest Plant Free			Based on Integrated Waterway Plan 2010
Priest gully	Assessment required	Salvinia	Class 2		Based on Tingalpa Waterway Health assessment/ WMP
Sandy Creek	Assessment required	Aquatic Pest Plant Free	-	Annual	
Serpentine Creek	Mosquito fish (Gambusia holbrooki), Tilapia (Oreochromis mossambicus),	Assessment required	declared noxious		
SMBI and Coochiemudlo Island Creeks	Assessment required	Assessment required			
Stockyard Creek	Assessment required	Salvinia	Class 2		Based on Tingalpa Waterway Health assessment/ WMP
Tarradarrapin Creek	Mosquito fish (Gambusia holbrooki), Swordtail (Xiphophorus	Assessment required	declared noxious		



	helleri), Platy (Xiphophorus maculatus)				
The Keyholes	Mosquito fish (Gambusia holbrooki)	Aquatic Pest Plant Free	declared noxious		Based on DNR Ecological Assessment 2007
Thornlands Creek	Assessment required	Assessment required			
Tingalpa Creek	Assessment required	Assessment required			Based on Tingalpa Waterway Health assessment/W MP
Torquay Creek	Assessment required	Aquatic Pest Plant Free			Based on Integrated Waterway Plan 2010
Unnamed Creek (Flinders Beach)	Mosquito fish (Gambusia holbrooki)	Aquatic Pest Plant Free	declared noxious	Annual	Based on DNR Ecological Assessment 2007
Upper Tingalpa Creek	Mosquito fish (Gambusia holbrooki), Swordtail (Xiphophorus helleri), Tilapia (Oreochromis mossambicus)	Aquatic Pest Plant Free	declared noxious		Based on Tingalpa Waterway Health assessment/W MP
Wallaby Creek	Assessment required	Aquatic Pest Plant Free			Based on Tingalpa Waterway Health assessment/W MP
Weinam creek	Assessment required	Assessment required			
Yerrol Creek	Pest fish free	Aquatic Pest Plant Free			Based on DNR Ecological Assessment 2007



## Declared Pest Animal Management

Pest Animal management is undertaken by Council's Animal & Pest Services Branch in response to landholder complaints and on a proactive population management basis. Council undertakes an integrated pest management approach to controlling declared pest animals, which includes surveillance, education, baiting, trapping and shooting. Council charges no fee for these services; however services may be refused where the landholder has previously failed to carry out their responsibilities in accordance with the Land Protection (Pest & Stock Route Management) Act 2002.

Managing populations of pest animals is difficult, resource intensive and usually only offers a short term outcome. However, Council's Pest Animal Program aims to manage populations of dingoes, wild dogs, European foxes, wild pigs, wild goats, feral chital & rusa deer, and feral cats<sup>4</sup>

The specific activities undertaken are as follows:

- a) Surveillance - Council undertakes an Annual Pest Survey Program and relies on resident notification to monitor populations or incursion of transient pest animals.
- b) Education - Council provides advice to residents on how to protect stock and remove attractants.
- c) Trapping - Council uses soft jaw and cage traps at targeted locations.
- d) Baiting - Council uses baits impregnated with poisons (eg 1080 & Strychnine) in accordance with Queensland Health directives and Guidelines - Baiting Procedures. The use of alternative control methods are recommended to occupiers prior to use of poisoned baits.
- e) Shooting - Council undertakes shooting programs to reduce population numbers of pest animals.


# APPENDIX A

## Weeds of National Significance & Species on the National Environmental Alert List in Queensland

### Weeds of National Significance

**Weeds of National Significance** - The Weeds of National Significance (WONS) program is a proactive approach to strategic management of priority weeds that pose present and future threats to primary industries, land management, human or animal welfare, biodiversity and conservation values.

Common name	Species name	Distribution	Potential Distribution
*Alligator weed	<i>Alternanthera philoxeroides</i>	WA, NT, QLD, NSW, VIC, SA, TAS	Could further expand in current locations
Athel Pine	<i>Tamarix aphylla</i>	WA, NT, QLD, NSW, VIC, SA	Could further expand in current locations
Bitou bush	<i>Chrysanthemoides monilifera</i>	WA, QLD, NSW, VIC, SA, TAS	Could further expand in current locations
Blackberry	<i>Rubus fruticosus</i> agg.	WA, QLD, NSW, VIC, SA, TAS, ACT	Could further expand in current locations
Bridal creeper	<i>Asparagus asparagoides</i>	WA, NSW, VIC, SA, TAS	Could further expand in current locations; plus QLD, ACT
*Cabomba	<i>Cabomba caroliniana</i>	NT, QLD, NSW, VIC	Could further expand in current locations; plus WA, SA, TAS, ACT
Chilean needle grass	<i>Nassella neesiana</i>	NSW, VIC, SA, ACT	Could further expand in current locations; plus WA, QLD, TAS
Gorse	<i>Ulex europaeus</i>	WA, QLD, NSW, VIC, SA, TAS, ACT	Could further expand in current locations
*Hymenachne	<i>Hymenachne amplexicaulis</i>	NT, QLD, SA	Could further expand in current locations; plus WA, NSW
*Lantana	<i>Lantana camara</i>	WA, NT, QLD, NSW	Could further expand in current locations; plus VIC, SA, TAS
Mesquite	<i>Prosopis spp.</i>	WA, NT, QLD, NSW, VIC, SA	Could further expand in current locations
Mimosa	<i>Mimosa pigra</i>	NT	Could further expand in current locations; plus WA, QLD
Parkinsonia	<i>Parkinsonia aculeate</i>	WA, NT, QLD	Could further expand in current locations; plus NSW, VIC, SA
*Parthenium	<i>Parthenium hysterophorus</i>	QLD, NSW, VIC	Could further expand in current locations; plus WA, NT, SA
Pond Apple	<i>Annona glabra</i>	NT, QLD, NSW	Could further expand in current locations



Prickly acacia	<i>Acacia nilotica s.sp .indica</i>	QLD, NSW	Could further expand in current locations; plus WA, NT, SA
Rubber vine	<i>Cryptostegia</i>	WA, QLD	Could further expand in current locations
*Salvinia	<i>Salvinia molesta</i>	WA, NT, QLD, NSW, SA	Could further expand in current locations; plus VIC, TAS, ACT
Serrated Tussock	<i>Nassella trichotoma</i>	NSW, VIC, TAS, ACT	Could further expand in current locations; plus WA, QLD, SA
Willows (except weeping willows, Pussy willow and sterile pussy)	<i>Salix</i> spp. except <i>S. babylonica</i> , <i>S. x calodendron</i> and <i>S. x reichardtiji</i>	NSW, VIC, ACT	Could further expand in current locations; plus SA, TAS

*Indicates that the plant is found in Redland*

# Species on the National Environmental Alert List in Queensland (as at February 2005)

**National Environmental Alert List** - The National Environmental Alert List identifies those species that are in the early stages of establishment and have the potential to become a significant threat to biodiversity if they are not managed. *New declarations of and/or changes in the list can occur at any time.*

Common name	Species name	Distribution
*Barleria	<i>Barleria prionitis</i>	QLD, NT WA
Blue hound's tongue	<i>Cynoglossum creticum</i>	NSW, VIC
Cane needle grass	<i>Nassella hyalina</i>	NSW, VIC
*Chinese rain tree	<i>Koelreuteria elegans</i> <i>ssp. Formosana</i>	QLD
Cutch tree	<i>Acacia catechu</i> <i>var. sundra</i>	NT QLD, WA
Cyperus	<i>Cyperus teneristolon</i>	NSW
False yellowhead	<i>Dittrichia viscosa</i>	WA
Garden geranium	<i>Pelargonium alchemilloides</i>	WA
Heather	<i>Calluna vulgaris</i>	WA
Holly leaved senecio	<i>Senecio glastifolius</i>	NSW, WA
Horsetails	<i>Equisetum species</i>	QLD
Karoo thorn	<i>Acacia karroo</i>	QLD, NSW, SA, WA
Kochia	<i>Bassia scoparia</i>	WA
Lagaarosiphon	<i>Lagarosiphon major</i>	QLD
Laurel clock vine	<i>Thunbergia laurifolia</i>	QLD, NT
Leaf cactus	<i>Pereskia aculeata</i>	QLD, NSW WA
Lobed needle grass	<i>Nassella charruana</i>	VIC
Orange hawkweed	<i>Hieracium aurantiacum</i>	NSW, VIC, TAS
Praxelis	<i>Praxelis clematidea</i>	QLD
*Rosewood or Tipuana	<i>Tipuana tipu</i>	QLD NT, WA
*Senegal tea plant	<i>Gymnocroronis spilanthoides</i>	QLD, NSW
Siam weed	<i>Chromolaena odorata</i> (weedy form)	QLD
Subterranean Cape sedge	<i>Trianoptiles solitaria</i>	VIC
Uruguayan rice grass	<i>Piptochaetium montevidense</i>	VIC
White Spanish broom	<i>Cystisus multiflorus</i>	VIC
White weeping broom	<i>Retama raetam</i>	SA, WA
Yellow soldier	<i>Lachenalia reflexa</i>	WA

\* Indicates that the plant is found in Redland



# APPENDIX B

## Pest Plant Characteristics & Methods of Control

DRAFT

## Queensland Declared Pest Plants Class 1

P = Perennial B = Biennial A = Annual

FS = Foliar Spray; CS = Cut Stump; BB = Basal Bark; SI = Stem Injection; HR = Hand Removal; BC = Biological Control; MC = Mechanical Control; WI = Water Injection; F=Fire; C= Crowning

**Note:** Always refer to the herbicide's current label before treatment.

### Species List

Species	Growth type	Flowering Time	Life Cycle	Reproduction and dispersal	Control
Alligator Weed (Alternanthera philoxeroides)	Aquatic Herb	spring - summer	P	vegetative, water	FS
Bitou bush	Shrub	autumn - Winter	P	Flowers/seed	FS,F,CS,BC,C
Honey Locust (Gleditsia spp.)	tree	Spring	P	flowers/seed, stock/water	FS,CS,BB
Hygrophila (Hygrophila costata)	Aquatic herb	summer -autumn	P	vegetative, seed, water	FS,HR
Mexican Feather Grass (Nassella tenuissima)	grass	Summer	P	flowers/seed, stock/machine	FS,HR
Senegal Tea (Gymnocoronis spilanthoides)	Aquatic herb	spring - summer	P	vegetative, seed	HR,FS
Willow	Tree	Spring -summer	P	seed	FS,CS,B B
Water Mimosa (Neptunia oleracea, & N.plena)	Aquatic herb	summer	P	cuttings, seed, water	HR,MC

## Queensland Declared Pest Plants Class 2

P = Perennial B = Biennial A = Annual

FS = Foliar Spray; CS = Cut Stump; BB = Basal Bark; SI = Stem Injection; HR = Hand Removal; BC = Biological Control; MC = Mechanical Control; WI = Water Injection

### Species List

Species	Growth type	Flowering Time	Life Cycle	Reproduction and dispersal	Control
American rat's tail grass (Sporobolus jacquemontii)	grass	spring - autumn	P	seed	FS,H R
Annual ragweed (Ambrosia artemisiifolia)	herb	March	A	flower/seed, water/ fauna	FS, MC
Cabomba (Cabomba spp.)	Aquatic herb	summer	P	vegetative, water	WI



Fireweed (Senecio madagascariensis)	Herb	winter	A	seed, wind/water/ fauna	FS,H R
Giant Parramatta grass (Sporobolus fertilis)	grass	spring - summer	P	seed	FS,H R
Giant rat's tail grass (Sporobolus pyramidalis & S. natalensis)	grass	all year	P	seed,stock/ machinery/water	FS,H R
Groundsel bush (Baccharis halimifolia)	shrub	autumn	P	seed, wind/water	CS,F S
Harrisia cactus (Eriocereus spp.)	succulent	spring – autumn	P	vegetative/seed, fauna	F S
Hymenachne (Hymenachne amplexicaulis)	grass	autumn	P	vegetative/seed, water/fauna	MC,FS
Mother of Millions (Bryophyllum delagoense & B.daigremontianum x B.de lagoense)	herb	winter - spring	P	vegetative, water/ garden waste	HR,F S
Parramatta grass (Sporobolus africanus)	grass	autumn	P	Seed	
Parthenium (Parthenium hysterophorus)	herb	summer – all year	A	seed, water/ machinery, fauna	BC,F S
Prickly acacia (Acacia nilotica)	shrub	autumn	P	seed, water/fauna/ stock	BB,FS,CS ,BC
Prickly pear (Opuntia spp. Other than O. ficus-indica)	succulent	summer	P	vegetative/ seed, fauna	FS
Rubber vine (Cryptostegia)	climber	all year	P	seed, wind/water	BB,FS ,MC

grandiflora)					
Salvinia (Salvinia molesta)	Aquatic fern		P	vegetative, fauna/ water/ vegetative/seed water/human human	BC,MC ,FS
Thunbergia (Thunbergia grandiflora)	vine	spring	P		CS,F S
Water hyacinth (Eichhornia crassipes)	Aquatic herb	spring - summer	P	vegetative/seed, water/human	BC,MC ,FS
Water lettuce (Pistia stratiotes)	Aquatic herb	summer	P	vegetative/seed, water/human	BC,MC ,FS

### Queensland Declared Pest Plants Class 3

P = Perennial B = Biennial A = Annual FS = Foliar Spray; CS = Cut Stump; BB = Basal Bark; SI = Stem Injection; HR = Hand Removal; BC = Biological Control; MC = Mechanical Control

Species	Growth type	Flowering Time	Life Cycle	Reproduction and dispersal	Control
African fountain grass (Pennisetum setaceum)	grass	summer	P	seed/vegetative	
African tulip tree (Spathodea campanulata)	tree	spring - summer	P	seed, fauna	CS,SI
Balloon vine (Cardiospermum grandiflorum)	vine	summer	P	seed, wind/water	CS,OS,BB
Basket Asparagus fern (Asparagus aethiopicus 'Sprengerii')	creeper	spring	P	seed/vegetative, fauna/human	FS, HR
Blackberry (Rubus anglocandicans, R. fruticosus agg)	shrub	autumn	P	seed, fauna	MC,FS,HR
Broad leaf pepper tree (Schinus terebinthifolius)	shrub/sm tree	spring	P	seed, fauna/water	BB,FS,CS
Camphor laurel (Cinnamomum camphora)	tree	spring - summer	P	seed, fauna, water	SI,CS,BB
Captain cook tree (Thevetia)	shrub	summer	P	seed, water/human	CS,BB

peruviana)					
Cat's claw vine (Macfadyena unguisati)	vine	summer	P	seed/ vegetative, wind/ water	CS,BB,FS
Chinese celtis (Celtis sinensis)	tree	spring	P	seed, fauna/water	CS,BB,SI
Climbing Asparagus vine (A.africanus & A.plumosa)	vine	spring	P	seed/water	
Dutchman's pipe (Aristolochia campanulata)	vine	summer	P	seed, garden waste	HR,FS,BB
Lantana (all species (Lantana spp.)	shrub/ creeper	all year	p	seed, fauna/water/ human	BC,CS,MC,FS
Madeira vine (Anredera cordifolia)	vine	spring - autumn	P	seed/ vegetative, water/ human	BB,FS,CS,H R
Privets (Ligustrum lucidum & L. sinense)	tree/shrub	summer	P	seed, water, fauna	BB,CS,SI
Purple rubber vine (Cryptostegia madagascariensis)	vine	spring - autumn	P	seed, water	
Singapore daisy (Sphagneticola trilobata)	creeper	spring - autumn	p	seed/vegetative, water/human	HR,FS,
Yellow bells (Tecoma stans)	shrub	spring	p	seed, wind/water	CS,BB

## Making a submission/ feedback

Submissions may be made via written feedback to Council. Correspondence may be mailed to Submission: Redlands Draft Pest Management Plan 2010, Redland City Council, PO Box 21 Cleveland. Alternatively, drop submissions at customer Service at Cleveland Administration building on the corner of Bloomfield Street and Middle Street, Cleveland.

### 12.3 COMMITTEE CLOSED SESSION

The Committee meeting was closed to the public under section 72(1) of the *Local Government (Operations) Regulation 2010* to discuss the following items:

11.3.1 Properties for Acquisition Using Environment Levy (August 2010)

11.3.2 Request for Land Exchange

Following deliberation on these matters, the Committee meeting was again opened to the public.

#### 12.3.1 PROPERTIES FOR ACQUISITION USING ENVIRONMENT LEVY (AUGUST 2010)

**Datworks Filename:** EM Environmental Management Charge  
Acquisitions 10/11

**Responsible Officer Name:** Gary Photinos  
Manager, Environmental Management

**Author Name:** Richard Collins, Advisor, Biodiversity Planning  
Daniel Carter, Principal Advisor, Natural  
Environment

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### EXECUTIVE SUMMARY

Council has been pursuing a proactive strategy of assessing properties for potential purchase using the Environment Separate Charge Acquisition funds.

This report recommends a number of properties that have been assessed using the Guidelines GL-3077-001 and GL-3077-002 for purchase over the next ten years.

A confidential attachment details the properties to be acquired and ranks their priority for purchase. Once negotiations have been completed with property owners the details of the acquisition will be made public.

### PURPOSE

That Council resolve to approve the commencement of negotiations with landowners for the future purchase of properties in accordance with the Environmental Charge Acquisition and Management Policy (POL-3057). These properties are identified in the confidential attachment "Environmental Separate Charge: Acquisitions List August 2010"

### BACKGROUND

- August 2004 - In house assessment of 561 properties commenced.
-

- November 2005 - An update on progress with purchases was presented in a confidential attachment to the Planning and Policy Committee.
- July 2008 - Council approved to repeal Land Acquisition Policy POL-3057 and replace it with POL-3077 to include urban properties for increased protection of koala habitat. New urban koala properties now assessed using guidelines GL-3077-002.
- December 2008 - a report was presented to Committee with a revised Acquisition List. This was approved on 17 December 2008.
- General Business minute '11.3.1 Urban Koala Linkage' requested that officers provide a report on the purchase of "at least one block of land in Thorne Road, Birkdale to form a koala corridor between Thorne Road and Roger Street to support the urban koalas in Mary Street."
- Since 2003 Council has purchased 959 hectares of land for environmental purposes for a total of \$25,939,126 throughout the City including North Stradbroke Island, and the Southern Moreton Bay Islands
- It is anticipated that Council will purchase a further 500 hectares over the next ten years.

## ISSUES

### THE ACQUISITION LIST

This report includes the confidential attachment "Environment Separate Charge: Acquisitions List August 2010" which lists the properties that Council expects to acquire in the next ten years. It provides the details of each of the properties, their estimated cost and the year in which it is intended to make the purchase. The list also provides information on the way Council intends to protect and enhance the biodiversity values of the properties.

Each property has been assessed using the guidelines GL-3077-001 and GL-3077-002 to ensure that it conforms to the Land Acquisition Policy POL-3057 in the purchasing of land for the conservation of biodiversity and koalas.

A number of these properties are recommended for approval by Council to purchase this financial year. These include the vegetated parts of properties that Council has previously committed to purchase at General Meeting date 30th June 2010 for the purpose of creating a local recreation park in Southeast Thornlands. These are:

- Part of Lot 5 RP14813 (332-342 Redland Bay Road); and
- Part of Lot 6 RP14813 (344-354 Redland Bay Road)

### ACQUISITION AS THE LAST OPTION – USING OTHER TOOLS

Both Guideline GL-3077-001 and GL-3077-002 clearly state that acquisition should be considered as the last option to protect environmentally significant land and that, "in the first instance, full consideration will be made to the role of the Redlands

Planning Scheme (RPS) and the development approval process as well as the programs for habitat protection on private property. These include:

- The Voluntary Conservation Agreement program;
- The Rural Support program;
- The Land for Wildlife program; and
- Your Backyard Garden program.

In addition to these programs some other initiatives may be applicable to the properties that have been identified in the selection process. These may include:

- the Koala Conservation Agreement program;
- street tree planting;
- acquisition by, or in partnership with, the State Government;
- provision of an offsets receiving site.

#### THORNE ROAD – AN EXAMPLE OF USING TOOLS OTHER THAN ACQUISITION

Council resolved at its General Meeting 30 June 2010 in the general business section as following:

*“That Council officers investigate and bring back a report to Council, for the purchase of at least one block of land in Thorne Road, Birkdale to form a koala linkage between Thorne Road and Roger Street, to support the urban koalas in Mary Street.”*

This resolution makes reference to the State initiative to construct a medium density development of ‘affordable’ dwellings on a property on the corner of Mary Street and Thorne Road. This property included trees regularly used by koalas and the re-design of the development has enabled a number to be retained.

To the north of the Mary Street development there is a 10117m<sup>2</sup> property in Roger Street which is largely zoned ‘Low Density Residential’ but with the southern portion zoned ‘Urban Residential’. The property contains a number of significant koala habitat and fodder trees. It is understood that the intent of the Councillor’s request is to purchase land that would connect the ‘Mary Street property’ with the ‘Roger Street property’.

Two lots (22 & 24 Thorne Road Lots 31 & 30 respectively on SP216758) directly north of the Mary Street property are presently vacant and cleared of vegetation. All other lots in the vicinity are occupied with dwellings. It would appear the intent of the resolution refers to one or both of these properties as suitable for consideration to be purchased. A number of factors need to be considered before purchase can be recommended.

Firstly, the two lots proposed for consideration to purchase do not complete a link between the Mary Street property and the Roger Street property and therefore, there

would be a need to purchase at least one other lot. As noted above, all of the other lots in the vicinity are occupied by dwellings.

Secondly, it is plausible, that numbers 22 and 24 Thorne Road could be purchased by Council and revegetated only to see them become an isolated patch with little or no relationship with other areas of koala habitat.

Given the costs and uncertainty of purchase, it makes sense (and is consistent with the policy position) to consider other options. None of the owners of the properties in the vicinity of the direct alignment between the Mary Street property and the Roger Street property are presently participating in any of the extension programs for conservation on private property. All would be eligible for inclusion in the 'Your Backyard Garden program' and, because of its size, the Roger Street property could be included in the 'Koala Conservation Agreement program'. These programs provide education, advice and assistance in the retention of habitat, fauna friendly fencing and pet management. A program of street tree planting would contribute to the number of koala fodder trees in the vicinity.

In conclusion, the prioritising of extension programs, street tree planting and a review of the future land use of the vicinity is more likely to achieve on-ground outcomes that will benefit the conservation of koalas than the expensive purchase, planting and ongoing maintenance option. No properties in Thorne Road Birkdale are recommended for acquisition.

#### ACQUISITION, REMOVAL OF DEVELOPMENT RIGHTS AND DISPOSAL

Policy Statement 1 c. of RCC Corporate Policy POL-3077 'Environment Charge Acquisition and Management Policy' outlines Council's commitment to maximising the use of available funding by:

- 1(c) Taking opportunities to purchase properties and then remove its development rights, and then on-sell the property (or parts of the property) if the property does not need to be managed in public ownership.

The Acquisition List August 2010 identifies which properties are considered suitable for on-selling after the removal of all or part of development rights or the application of a covenant. The return from the sale is re-factored into the budget estimates for each year effectively creating a 'rolling fund'.

#### STATE GOVERNMENT'S KOALA HABITAT ACQUISITION PROGRAM

The State government's Koala Habitat Acquisition Program is seeking to purchase properties identified by the Koala Response Strategy as high to medium value for the rehabilitation of koala habitat. Often, properties of this kind are not always identified as a high priority for acquisition by Council. This means that the State may purchase properties that would be in addition to those purchased by Council and so expanding the conservation estate within the City. The GIS based selection process can identify properties that comply with the State's selection criteria and align with Council's strategic approach. A list of these properties can be provided to the State to assist

and encourage them to purchase properties in the Redlands in addition to properties that Council would normally acquire.

#### LIQUIDITY OF ENVIRONMENT SEPARATE CHARGE FUNDS

##### REFUND OF STAMP DUTY

Continued lobbying through the SEQ Council of Mayors for the removal of the requirements to pay Stamp Duty and other transaction costs has the potential to increase the liquidity of Environment Separate Charge funds.

##### OFFSET OPPORTUNITIES

Offsets are increasingly considered as a growing opportunity for ensuring a return on an initial investment. Council is in the process of agreeing to \$40,000.00 worth of restoration and regeneration of a recently acquired property at Redland Bay through an offset generated outside of the City. Returns of this kind will also be re-factored into budget considerations to ensure the maximising of available funds.

##### 10 YEAR CASH FLOW FORECASTS

Each of these methods of returning funds to the acquisition budget have been factored in to a ten year cash flow projection. This has been used to model the purchasing of all of the properties on the list to ensure the long-term sustainable management of the budget.

#### SPATIAL ANALYSIS TO DEVELOP ACQUISITION LIST

The improved access to Geographical Information Systems (GIS) and spatial analysis has enabled the acquisition list to be efficiently updated annually while integrating the most recent and critical data layers available including State koala mapping and, on its completion, Council's Environmental Inventory Version 5. This will ensure robust and reliable decision making for one of Council's highest profile capital programs

Five Council documents are explicit about the acquisition of land for conservation purposes:

- Land Acquisition Policy POL-3057;
- Guideline GL-3077-001;
- Guideline GL-3077-002;
- RCC Biodiversity Strategy 2008-2012; and the
- RCC Koala Policy and Implementation Strategy 2008.

Each document describes the criteria for selecting land for purchase to achieve its specified outcome.

The GIS modelling process has considered land with high quality remnant vegetation and cleared land suitable for re-vegetation under the categories:

- Biodiversity protection;
- Biodiversity enhancement;



- Koala protection rural;
- Koala protection urban;
- Koala enhancement rural;
- Koala enhancement urban; and
- Fauna infrastructure

The highest ranking properties from each category are included in the Acquisition List. Those properties that appear in more than one category are considered to be of a high priority.

#### OPTIONS FOR SELECTED PROPERTIES

Once selected, there are a number of options for a property that must be considered before it is included in the final list for acquisition and incorporated in the budget modelling process. These options are:

- Has the property been, or in the process of being developed?
- Will the Redlands Planning Scheme conserve the important conservation values? – in these two instances the properties are removed from the list.
- Would a private property extension program achieve the same environmental outcomes at a reduced cost to Council? – in this instance, these properties are put in to the watch-list section because inclusion in an extension program does not remove the option to purchase in the future.
- Could the property be on-sold after additional protection is achieved through the application of a Statutory Conservation Covenant, removal of development rights or reducing the development yield to conserve biodiversity values? – in this instance, the property is included in the budget modelling process but with a credit figure to reflect the return from on-selling.
- Should the property be retained in public ownership as part of the conservation estate? – in this case the property is included in the budget modelling process but with a debit figure to reflect the set-up and on-going maintenance costs.

The Environment Separate Charge: Acquisition List August 2010 reflects the selection process described above. Those properties that have been included in the ten year budget modelling are considered at this point in time and with the present data available to Council to be the most important properties for Council to purchase and, either, on-sell or retain in public ownership.

In this way, the Acquisition List can be considered as comprehensive, objective and scientifically sound. Consequently, any properties that are offered to Council or, in the case of the Thorne Road properties described above, suggested by Councillors to be investigated can be rapidly assessed.

#### **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's 'Healthy Natural Environment' outcome - A diverse and healthy natural environment, with an abundance of native

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flora and fauna and rich ecosystems will thrive through our awareness, commitment and action in caring for the environment.

- 1.1 Increase biodiversity by taking informed action to protect, enhance and manage our local ecosystems; and
- 1.2 Stop the decline in population of the koala and other species at risk through advocacy, protecting and restoring vital habitat and increasing community engagement and action.

## **FINANCIAL IMPLICATIONS**

In the developing the "Environment Separate Charge: Acquisitions List August 2010" Environmental Management Group officers have utilised a ten year cash flow model that was presented to Council in budget deliberation in the last financial year.

The model identifies;

- The reserve revenue and reserve expenditure forecast for the next ten years;
- The properties that Council can afford to purchase in each financial year;
- The return from on-selling, offsets, partnerships and transaction costs refunds; and
- The financial year in which Council expects acquire the properties

Council has made available \$3.5 million for this financial year for the acquisition of land. Site establishment costs ranging from 5% to 20% of the purchase price, depending on the level of establishment costs, are also funded from this budget.

## **PLANNING SCHEME IMPLICATIONS**

The Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will result in possible amendments to the Redlands Planning Scheme. However, these amendments will form part of the normal planning scheme amendment process. These amendments may include changes to zones to ensure long term protection and conservation.

## **CONSULTATION**

The following Council officers have been consulted in the development of this report and its attachment. The property Services Manager provided valuable advice on the methodology and timing of the acquisition strategy.

- General Manager of Planning and Policy;
- Property Services Manager;
- Manager of Environmental Management;
- Manager of Land Use Planning; and

- Natural Area Management Officers.

In addition, Logan City Council and Brisbane City Council will be advised of our general purchasing intentions to coordinate cross boundary acquisition and reserve management through the koala Coast Conservation Agreement MOU.

## **OPTIONS**

### **PREFERRED**

That Council resolve the following:

1. To acquire (including obtaining trusteeships over State Lands) the properties identified in the confidential attachment "Environment Separate Charge: Acquisitions List August 2010" to be retained in the public conservation estate, and
2. To acquire the properties identified in the confidential attachment "Environment Separate Charge: Acquisitions List August 2010", and undertake limited development to protect the environmental values, apply the appropriate covenants and dispose of the property; and
3. To delegate its powers under section 262 -3(b) of the Local Government Act 2009 to the Chief Executive Officer to acquire, hold, deal and dispose these properties subject to properties being acquired at "fair market value" and sufficient funds available in the budget at the time of the acquisition, and where appropriate dispose of property by means of tender or public auction.
4. Using the Environment Separate Charge, to fund the securing of the these properties including due diligence assessments, fencing, signage, and undertake initial management such as pest management, remediation, clean up and track works up and where appropriate works required to prepare property for development to 5% to 20% of purchase costs depending on the size of the property being acquired and the scope of works,
5. That the Environment Separate Charge: Acquisitions List August 2010 remains confidential until such time as Council has successfully negotiated the acquisition; and
6. That the Chief Executive Officer be authorised to sign all documentation associated with acquisition, trusteeships, development or disposal of these properties.

### **ALTERNATIVE**

That Council resolves to defer the acquisition of properties pending further information being provided as directed by Council.

**OFFICER'S RECOMMENDATION**

That Council resolve as follows:

1. To acquire (including obtaining trusteeships over State Lands) the properties identified in the confidential attachment "Environment Separate Charge: Acquisitions List August 2010" to be retained in the public conservation estate
2. To acquire the properties identified in the confidential attachment "Environment Separate Charge: Acquisitions List August 2010", and undertake limited development to protect the environmental values, apply the appropriate covenants and dispose of the property
3. To delegate its powers under section 262 -3(b) of the Local Government Act 2009 to the Chief Executive Officer to acquire, hold, deal and dispose these properties subject to properties being acquired at "fair market value" and sufficient funds available in the budget at the time of the acquisition, and where appropriate dispose of property by means of tender or public auction;
4. Using the Environment Separate Charge, to fund the securing of the these properties including due diligence assessments, fencing, signage, and undertake initial management such as pest management, remediation, clean up and track works up and where appropriate works required to prepare property for development to 5% to 20% of purchase costs depending on the size of the property being acquired and the scope of works;
5. That the Environment Separate Charge: Acquisitions List August 2010 remains confidential until such time as Council has successfully negotiated the acquisition; and
6. That the Chief Executive Officer be authorised to sign all documentation associated with acquisition, trusteeships, development and disposal of these properties.

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Elliott

That Council resolve as follows:

1. **To attempt to reinstate the Central Koala Corridor linkages between Birkdale State School and Thorneside north by negotiation and discussion with residents in that area**
2. **To enter into a confidential information sharing agreement with the State Government regarding environmental land acquisitions**

3. To acquire (including obtaining trusteeships over State Lands) the properties identified in the confidential attachment “Environment Separate Charge: Acquisitions List August 2010 as amended” to be retained in the public conservation estate
4. To acquire the properties identified in the confidential attachment “Environment Separate Charge: Acquisitions List August 2010 as amended”, and undertake limited development to protect the environmental values, apply the appropriate covenants and dispose of the property
5. To delegate its powers under section 262 -3(b) of the Local Government Act 2009 to the Chief Executive Officer to acquire, hold, deal and dispose these properties subject to properties being acquired at “fair market value” and sufficient funds available in the budget at the time of the acquisition, and where appropriate dispose of property by means of tender or public auction;
6. Using the Environment Separate Charge, to fund the securing of the these properties including due diligence assessments, fencing, signage, and undertake initial management such as pest management, remediation, clean up and track works up and where appropriate works required to prepare property for development to 5% to 20% of purchase costs depending on the size of the property being acquired and the scope of works;
7. That the Environment Separate Charge: Acquisitions List August 2010 as amended remains confidential until such time as Council has successfully negotiated the acquisition; and
8. That the Chief Executive Officer be authorised to sign all documentation associated with acquisition, trusteeships, development and disposal of these properties.

**CARRIED**

**12.3.2 REQUEST FOR LAND EXCHANGE**

**Datworks Filename:** LUP SMBI Land Exchange – CEO Approved  
**Responsible Officer Name:** Wayne Dawson  
Manager Land use Planning  
**Author Name:** Brett Hookway  
Strategic Planning Officer

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**EXECUTIVE SUMMARY**

A confidential report from Manager Land Use Planning dated 19 July 2010 was discussed in closed session.

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Bowler  
Seconded by: Cr Elliott

1. That Council resolve to adopt the Officer's Recommendation contained in the confidential report from Manager Land Use Planning dated 19 July 2010;
2. That this report remain confidential to ensure that details pertaining to individuals are kept private; and
3. That a report be brought back to Council to allow review of the delegation to the Chief Executive Officer as adopted at the General Meeting of 27 September 2006 pertaining to entering into land exchanges on the Southern Moreton Bay Islands.

**CARRIED**

## **12.4 GENERAL BUSINESS**

### **12.4.1 FOX ERADICATION PROGRAM**

#### **COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Bowler

Seconded by: Cr Henry

**That a briefing note be prepared for all Councillors outlining options for expanding the current fox eradication program for future consideration in the adoption of the Pest Management Plan.**

**CARRIED**

**13 CUSTOMER SERVICES COMMITTEE 18/8/2010 – RECEIPT AND ADOPTION OF MINUTES**

Moved by: Cr Boglary  
Seconded by: Cr Henry

That the Customer Services Committee Minutes of 18 August 2010 be received.

CARRIED

**13.1 CUSTOMER SERVICES****13.1.1 MONTHLY REPORT FOR CUSTOMER AND COMMUNITY SERVICES GROUP JUNE 2010**

**Dataworks Filename:** GOV Reports to Committee - Customer & Community Services (CCS)

**Attachment:** [Customer & Community Service Performance Reporting – June 2010](#)

**Responsible Officer Name:** Greg Jensen  
Manager Customer & Community Services

**Author Name:** Jodi Marchant  
Group Business Services Coordinator

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**EXECUTIVE SUMMARY**

This report outlines the key monthly activities for the Customer & Community Services Group including:

- Human Services Unit;
- Cultural Services Unit;
- Leisure and Recreation Unit;
- Customer Service Unit;
- Redland Performing Arts Centre

**PURPOSE**

To provide information to the Council on current performance levels and significant issues affecting service delivery.

**BACKGROUND**

The Customer & Community Services (C&CS) Group delivers a wide range of services at multiple locations throughout the City. The Group comprises five Units;

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these being Human Services, Cultural Services, Leisure and Recreation Services, Customer Service and Redland Performing Arts Centre.

While the group has its predominant focus on community services delivery a number of the services are operational under the Code of Competitive Conduct (Type 3 Businesses) under the Local Government Act. These include the Redland Performing Arts Centre, Straddie Holiday Parks and School Aged Care Services.

Each of the teams in the Group reports monthly against a set of performance indicators. Variations from performance expectations are highlighted in the attached annexure. Achievements are also reported on as well as significant future events. Program deliverables and key projects are reported in tables. Each Service Manager summarises the most significant of these each month within the report to the Customer Services Committee. The annexure is provided for Councillors for reference to more detailed reporting if required.

## ISSUES

### Human Services Unit:

*Refer attachment 1*

- School Age Care;
- Respite;
- Home Assist Secure;
- Grants;
- Community Development.

### Summary of Activities

- Work has commenced on developing a 3 year Business Plan for the Community Development Team in consultation with Community & Social Planning Specifiers and Customer and Community Services Management. The Business Plan will provide direction to enable the Community Development Team to deliver on identified strategic priorities over the next 3 years.
- 28 activities were delivered in the month of June by the Community Development team with some 2090 people participating in events such as; Community Safety Expo, the Cage Youth Space launch and Youth Mini Day Out held at Redlands Youth Plaza, Russell Island Seniors "Assisting you to connect to services and resources" expo and launch for the Creative Alliance postcards.
- The review of the Community Grant Program Guideline has been completed and changes made. Further detail included in the attachment.
- During the next 12 month period Home Assist Secure program will focus on Service Provider Education within the local networks. Presentations will be held with Spiritus Care Services Bayside and Centre Based Day Respite Centre Stradbroke Island.

**Cultural Services Unit:**

*Refer attachment 2*

- Libraries
- Redland Art Gallery
- Museums

**Summary of Activities**

*Redland Art Gallery:*

- The Project Delivery Group and the Director, Redland Art Gallery completed a project to design and install a new weather proof awning for the Middle Street entrance to the Art Gallery. This has been designed to be functional as well as enhance the appearance of the entrance.
- 32 Redland Art Gallery volunteers were taken on a day out as a learning opportunity and in recognition of their hard work. They visited the Logan Art Gallery and the Ipswich Art Gallery.
- Libraries:
- Libraries, in partnership with Angus & Robertson, were successful in their bid to have Jessica Watson visit Victoria Point Library to launch her book "True Spirit". Jessica will be visiting the Library on Thursday, 19th August at 1.30pm. The Mayor will officially welcome Jessica to the Redlands at Victoria Point Lakeside and then Jessica will be interviewed by a Vice Captain from Victoria Point High School. She will then be available for book sales and book signing.

**Leisure & Recreation Unit:**

*Refer attachment 3*

- Major Venues (Showgrounds, Aquatic Centre and Russell Island Pool);
- Community Halls;
- Recreation (Lifeguard Services);
- Cemeteries;
- Camping Grounds (Straddie Holiday Parks).

**Summary of Activities**

- Burials at the 3 cemeteries were consistent with previous years for this period. The Heritage Master Plan for the Redland Bay Cemetery progressed during June and will be reported in July. Some items of the plan will need to be implemented early in 10/11 to compensate for the imminent loss of new monumental sites at the Cleveland Cemetery which has only 25 sites left to reserve.
- Revenue across all holiday parks and foreshore was up by 14% (\$22K) on the same period last year. All parks except for Thankful Rest had an increase in occupancy rates.
- The Fun in the Parks program was held at 6 locations during the school holiday period. Over 1030 children attended. The turn-up was reflective of the park location, i.e. big numbers in the areas of Wellington Point (225),

Thorneside (255), Victoria Point (190) and a lower turnout at Redland Bay (95). Some varied entertainment was included in this format with an emphasis on dance and fitness.

**Customer Services Unit:**

*Refer attachment 4*

**Summary of Activities**

- In June Councils fees and charges across the organisation were updated in readiness for the new financial year. All Councils forms and fact sheets were updated to reflect new fees & charges and this information was uploaded onto Councils web pages for the public. The Information Privacy Act 2009 now forms part of all forms and legislative documentation for RCC.
- A strong focus was placed on Allconnex during this period to ensure all processes would be in place in readiness for the separation of the business on 1st July 2010.

**Redland Performing Arts Centre:**

*Refer attachment 5*

**Summary of Activities**

- During June RPAC completed the development of two new education program courses, titled "Introduction to Stage Management" and "Introduction to Stage Lighting" as part of the RPAC education program. A trial run of both courses was conducted in June. Local community arts groups and council staff were offered the opportunity to participate in the trial courses, provided they were prepared to participate in a survey about the courses, to enable final modifications based on feedback. Both courses have now been fully developed and include theory and practical components. RPAC has designed these courses to assist local performing arts groups to develop and build on their existing technical production skills, and intends to offer the courses at a reasonable fee each year from 2011.
- The Community Art Display Space showcased students' artworks from Wellington Point State High School. The display focused on the concept of "collections", which students have linked to themes and issues such as the environment and identity. The students' works were inspired by artists such as Fiona Hall and John Dahlsen.

**RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's following outcomes:

Outcome 7 - '**Strong and connected communities**' – Our health, wellbeing and strong community spirit will be supported by a full range of services, programs, organisations and facilities, and our values of caring and respect will extend to people of all ages, cultures, abilities and needs. Strategies: 7.1, to 7.9.

Outcome 8 - **'Inclusive and ethical governance'** – Deep engagement, quality leadership at all levels, transparent and accountable democratic processes and a spirit of partnership between the community and Council will enrich residents' participation in local decision making to achieve the community's Redlands 2030 vision and goals:

8.5 Be transparent and consistent in the way we manage the organisation, its risks and obligations and ensure we are delivering against our priorities.

Outcome 9 - **'An efficient and effective organisation'** – Council is well respected and seen as an excellent organisation which manages resources in an efficient and effective way.

9.1 Deliver excellent leadership throughout the organisation for the benefit of the community.

### **FINANCIAL IMPLICATIONS**

The Customer & Community Services Group is within budget expectations.

### **CONSULTATION**

Consultation has occurred with all Customer & Community Service Managers and the General Manager Customer Services.

### **OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

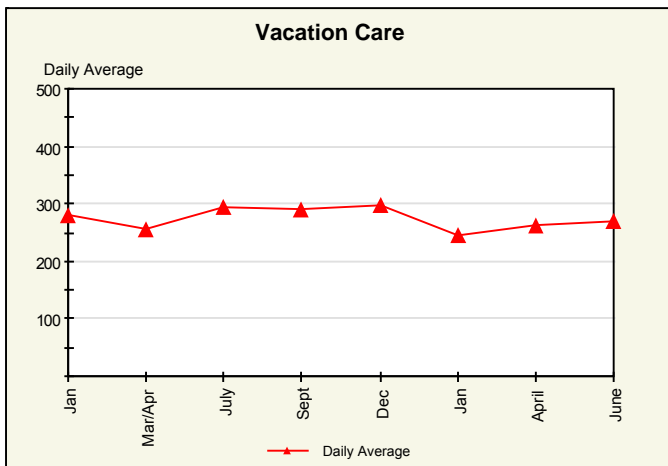
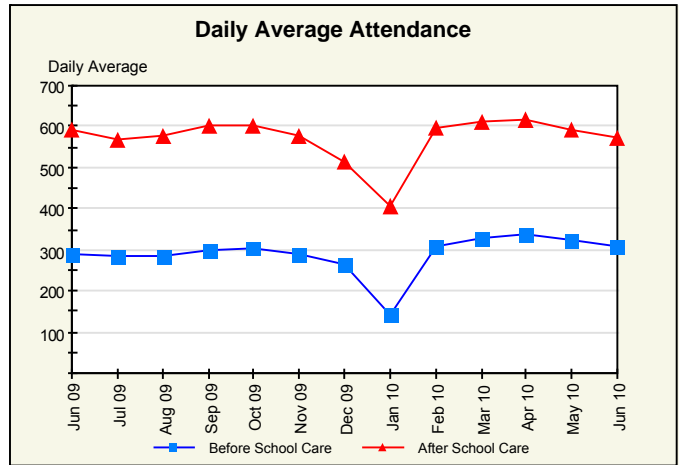
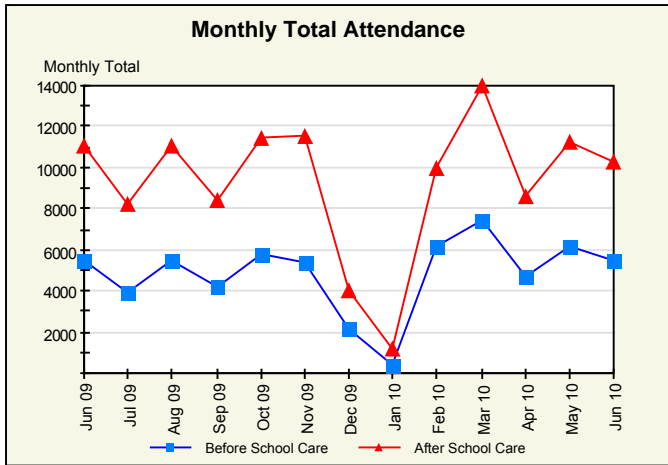
Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolve to note the report and annexure.**

**CARRIED**

**Customer & Community Service**  
**Human Services**  
**Attachment 1**

**School Age Care**



**Summary of Activities**

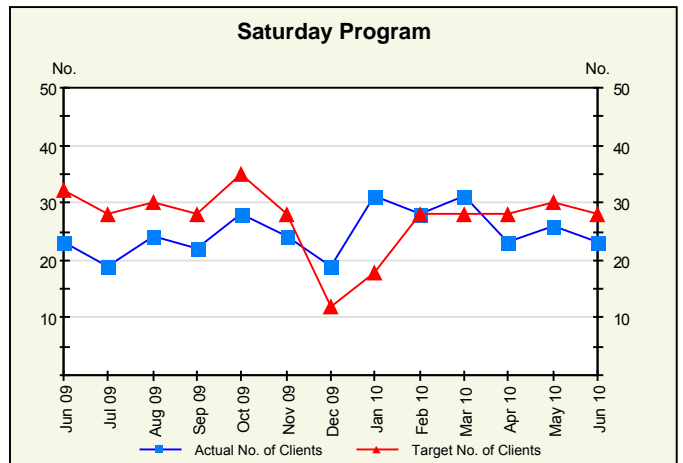
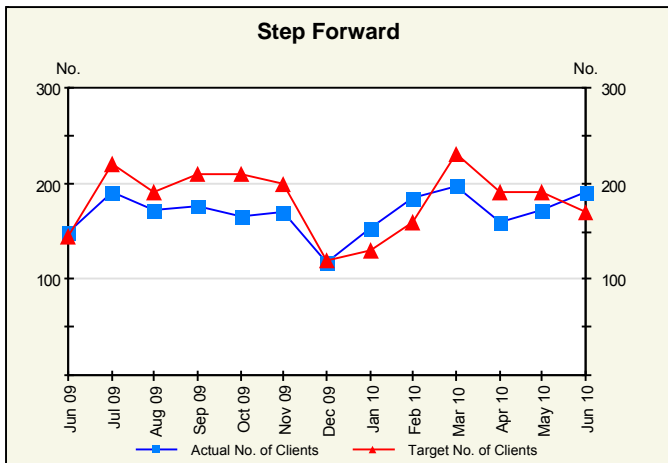
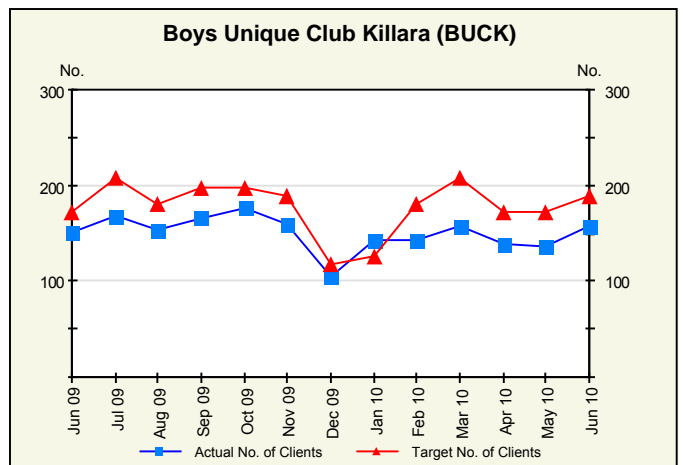
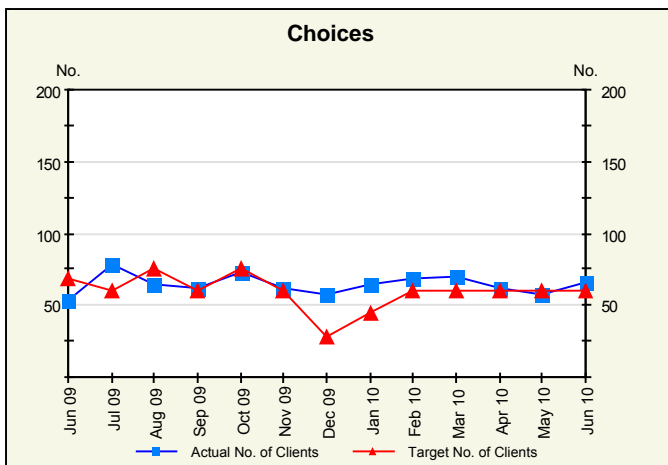
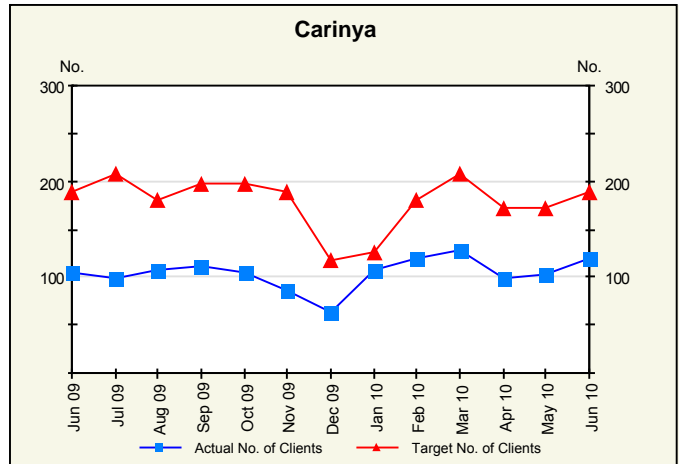
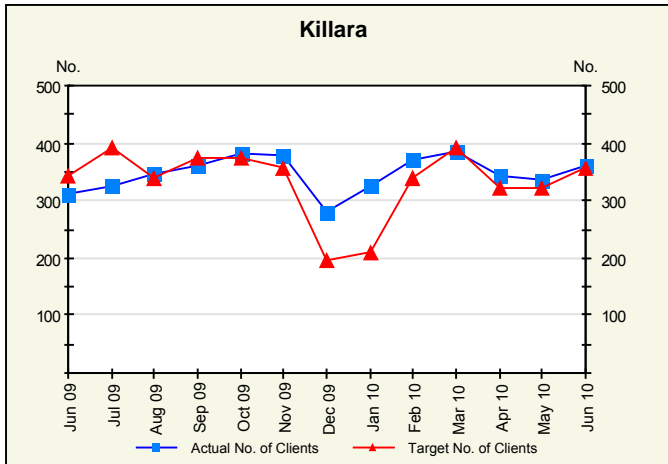
Thornlands service was faced with closure due to the school not being able to provide an alternative space for the service to operate from during their construction phase. Parents were notified of the closure and a letter was prepared and sent out to families to inform them and included alternative care suggestions. Staff spent the week packing the room. On Friday 25th June, our last day of operation the school contacted Sue Collins with an alternative space for us to use during construction. Families were informed of the services ability to continue to operate. Management had to reinstate cancelled registrations such as NCAC and CCB approval. Mostly positive feedback from families, some had already found alternate care.

Vacation Care commenced at the Ormiston College service on Monday 21st June and at the other 7 services on Monday 28th June. Vacation Care incursion for June/July were Drama Dragons and Hip Hop Dance. The children at Ormiston College visited Tomato Brothers for lunch and learnt about the cultural history of the Tomato Brothers.

Construction continues at most schools. The Wellington Point VAC service had to operate from the prep classroom due to construction around our building which resulted in no access. Risk Assessments have been completed on services with construction sites near our licensed spaces. On some occasions we have sought the assistance of WH&S to assist and speak with the building companies to erect taller fencing to ensure safety of our children.

Human Services

Respite



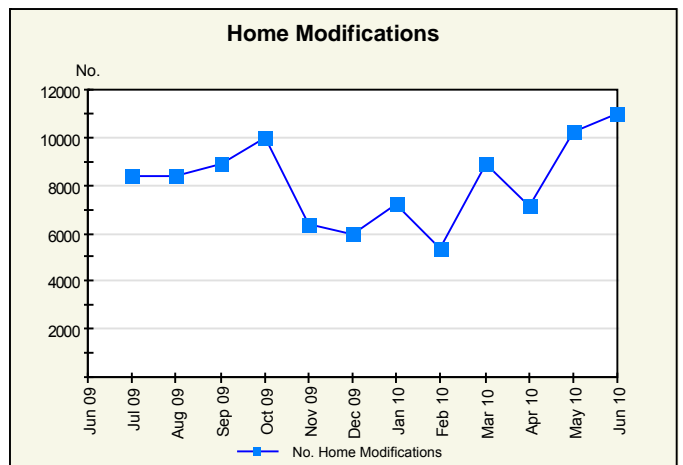
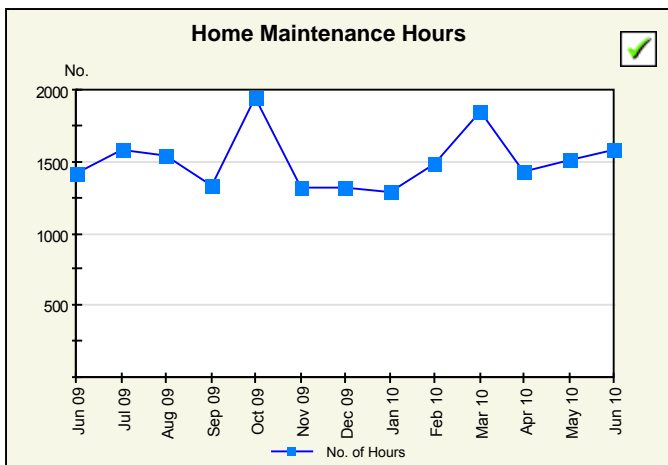
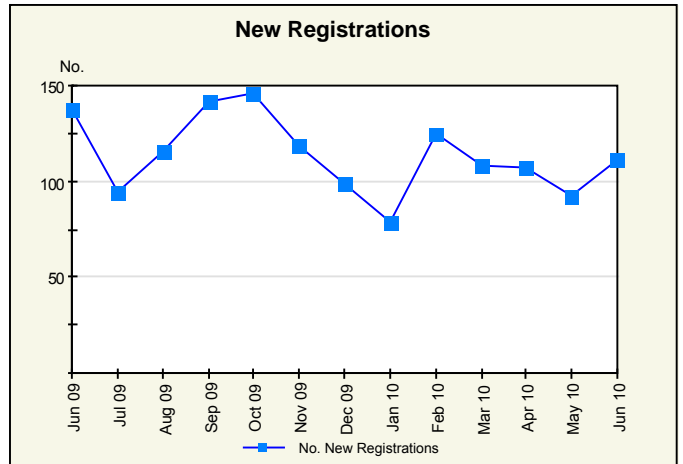
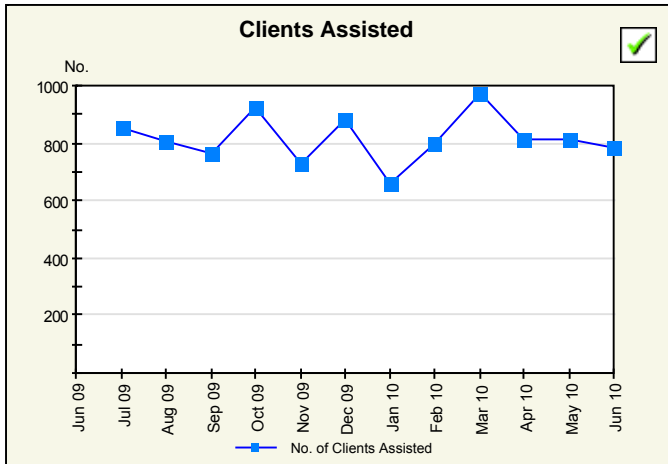
## **Summary of Activities**

To celebrate Seniors Week, Killara Place Day Respite Centre will hold an Open Day on Monday 16th August 2010. Morning tea, guided tours, entertainment and vintage cars will all be on display. Mayor Melva Hobson will be in attendance to welcome those people who attend.

The Redland Carers Support Group meetings are held twice a month at Killara Place. These meetings are designed to allow carer's to share concerns and ask questions, providing support for eachother and family members.

## Human Services

### Home Assist Secure



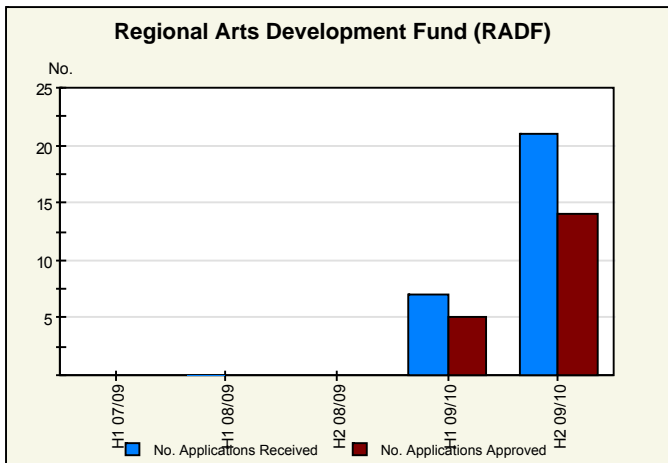
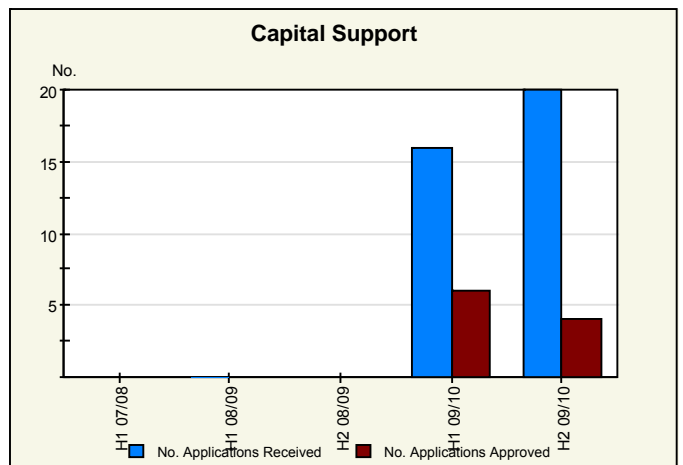
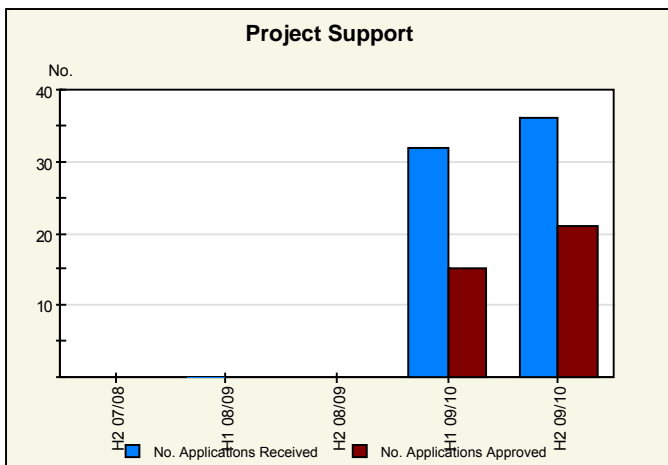
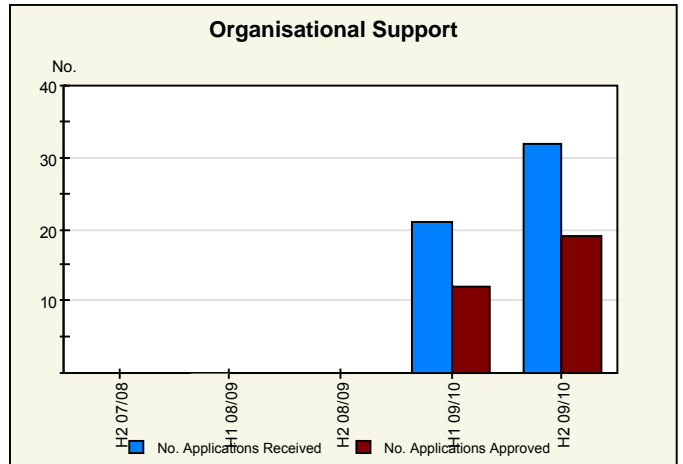
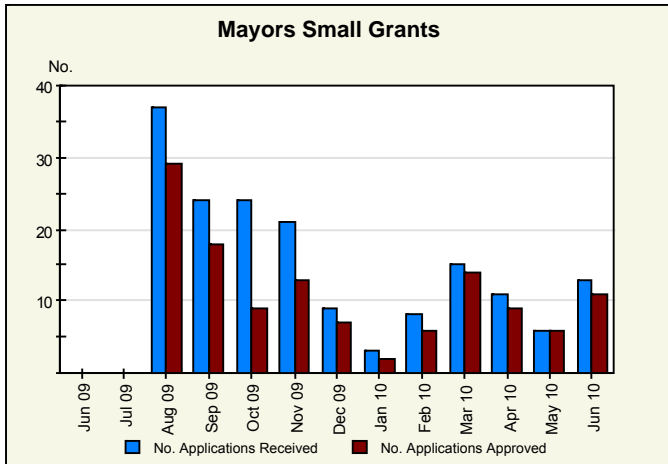
### Summary of Activities

Community presentations for June included Probus Victoria Point, Russell Island and Safety Expo's, Bayside Tenancy Group, Vision Impaired Support Group.



Human Services

Grants



## Summary of Activities

The changes from the review of the Community Grant Program Guideline will provide stronger financial contribution from applicants for the Small Capital and Major Capital Grants. Organisations that hold a license for more than 20 gaming machines will be ineligible. Grants workshops will commence on 26<sup>th</sup> July for Round 1 funding which closes on 3 September.

## Human Services

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### Community Development

#### Summary of Activities

Young Citizens program - 19 activities delivered to 934 children.

Eat Well Be Active final report has been submitted to the State government and all acquittal requirements have been met.

18 young people attended a team building activity event as part of YTALK, at Kindilan Outdoor Education Centre on 29 June 2010.

The launch of The Cage Capalaba Youth Space held on 28 June; over 120 stakeholders attended. Skate deck design workshops completed with aerosol artist Oliver Walker.

Partnered with The Cage Youth Foundation in the delivery of Cage Mini Day Out held at Redlands Youth Plaza on June 19th; approximately 500 young people attended.

Report received from QUT providing analysis of the Redlands young people and public space survey.

Mobility scooter education - stay safe booklets have been printed and distributed.

120 people attended the Russell Island Seniors "Assisting you to connect to services and resources" expo held on 7 June, 2010.

Facilitated a partnership between the Donald Simpson Centre and the Wellington Point State School to enable seniors to work with children in the kitchen/Garden project.

Artwork has been installed on 5 traffic signal boxes to reduce graffiti. 350 people attended the Community Safety Expo on the 5th June at Victoria Point.

Investigation and appropriate responses were developed regarding a small shack located at Ormiston as a number of reports had been received of people congregating and consuming alcohol.

Graffiti database system has been completed. Grants Presentation was held on 21 June 2010 at the Redlands Performing Arts Complex.

The launch for the Creative Alliance postcard booklet was held 22 June 2010 at 6pm at Redland Art Gallery with over 50 attendees.

15 young people have participated in the first workshop of the Common Threads, a cultural program to assist young people deal with the grief and loss.

# MONTHLY ATTACHMENT FOR COMMITTEE REPORT FOR CUSTOMER AND COMMUNITY SERVICE GROUP

## HUMAN SERVICES UNIT

**Responsible Officer Name:** Sue Collins  
**Service Manager Human Services**

**Author Name:** Leanne Tu'ipulotu  
**Coordinator Community Development**

Legend	
Activity Completed	COMPLETE
In Progress	✓
Watch List - Possible Concern	⚠
Major Concern	✗

Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
<b>Community Development / Community Program</b>			
Management of all Networks & the provision of information to the Networks (RIN, RYN & RDN)	A Redlands Disability Network meeting was held on 1 June, with approximately 20 members in attendance. A number of working groups were established to progress issues such as communication access, afterschool activities for young people with a disability, and Disability Action Week. The Redlands Interagency Network met on 18 June with approximately 30 members present. Regular emails were sent out to all networks, and a newsletter was distributed to the Redlands Youth Network and Redlands Interagency Network.	Upcoming Network meetings are: Redlands Youth Network on 20 September; the Redlands Disability Network on 5 October, Redlands Interagency Network on 20 August. Disability Action Week is 5-11 September.	✓
Strategy and Policy Development	Work has commenced on developing a 3 year Business Plan for Community Development. Consultants have been contracted and stakeholder consultations are to be completed by the end of July.		✓
	Continue to participate in the development of the Physical Activities Strategy		✓
Neighbourhood Day			COMPLETE
Community Education Program - Young Citizens Program	There were 19 activities delivered through the Young Citizens Program with a total of 934 children participating. This included 16 primary schools, 1 high school and 1 after school care program. Successfully delivered the new local government program to four classes of Grade 7's at Ormiston College.		✓
Eat Well Be Active	Final Report submitted to the Queensland Government. Internal memos written and distributed with copies of final report. Official notification has been received from the State government confirming the project is now acquitted.		COMPLETE
SMBI Initiatives	An initial meeting was held with 10 community members to begin planning for a community gardens group on Kennedy's farm. 8 community and government sector workers attended the Southern Moreton Bay Islands Community Initiative meeting held on the 22nd of June.		✓

Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
<b>Youth Development</b>			
Redlands Youth Forum	Successfully coordinated a team building activity event at Kindilan Outdoor Education Centre on the 29th June 2010. 18 young people attended representing Alexandra Hills SHS, Cleveland SHS, Ormiston College, Faith Lutheran High School, Victoria Point SHS and Dunwich State School senior campus.	Next YTALK evaluation meeting to be held in July.	✓
Redlands Youth Plaza Activation / Capalaba Youth Space	Successful delivery of The Cage Youth Space launch event on 28th June; over 120 stakeholders in attendance. Skate deck design workshops completed with aerosol artist Oliver Walker. Completed skate decks were exhibited at the Cage Youth Space launch. Partnered with The Cage Youth Foundation in the delivery of Cage Mini Day Out held at Redlands Youth Plaza on June 19th; approximately 500 young people attended this event. Youth worker training commenced and is being delivered to Cage youth workers and also Russell Island's The Hut youth workers to build their capacity to deliver services to young people.	Youth worker training to be delivered in August for The Hut and The Cage youth workers. Youth engagement activity is being planned to be held at the Redlands Youth Plaza in October.	✓
Young People and Public Space	Final report received from QUT providing analysis of the young people and public space survey.	Finalisation of young people and public space report and printing and release to be completed by August.	✓
Youth Week			COMPLETE
<b>Seniors</b>			
RAGOSI	RAGOSI meeting was held 21st June 2010. Mobility scooter education - stay safe booklets were distributed to RAGOSI members. The Stay Safe booklets will be utilised in the 1st Mobility Scooter education day at the Donald Simpson Centre in October 2010.	Next RAGOSI meeting is on 16th August 2010	✓
Ageing Well in the Redlands strategy implementation	Attended the Redland Aged Care Providers Group and sub committee meeting about emergency preparedness and the Redland Seniors Network meeting this month. The Russell Island Seniors "Assisting you to connect to services and resources" expo was held on 7th June, 2010. 120 people attended the expo, 20 service providers displays and information tables and three information talks by Lifetec Qld, Telstra Seniors Connect and Home Assist Secure. The expo was very well received by SMBI residents.		✓
Seniors Week	Working with RDCOTA, Donald Simpson Centre and U3A on the Upcoming Seniors Walk which will take place in seniors week in August 2010.		✓

Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
Initiatives for Seniors	Mobility Scooter Experts meeting was held 11th June to finalise who will be presenting which components of the upcoming Mobility Scooter Education day in October. Supported Faith Lutheran with information, networks and introductions for the opening of a new men's shed in Victoria Point which supports the reduction of social isolation of men.	Mobility Scooter Education day will be held at Donald Simpson Centre on 6th October 2010.	✓
Community Partnerships including Star Transport & Donald Simpson Centre	At the Donald Simpson new members morning tea on 16/6/10 a talk was given about councils role in supporting seniors and the mobility scooter education project. Facilitated a partnership between the Donald Simpson Centre and the Wellington Point State School to enable seniors to work with children in the kitchen/Garden project. This assists seniors who are socially isolated to have valued roles in their community and supports children who may not have contact with grand parents to come together in the kitchen/garden project.		✓
<b>Safety</b>			
Graffiti Solutions Projects	Artwork has been installed on 5 traffic signal boxes through out the Redlands. These included two traffic signal boxes that have had vinyl wrap installed on them with the designs from the artists. This is a trial to produce high quality artwork and reduce graffiti at these sites.		✓
Community Safety Forums	Delivered the Community Safety Expo on the 5th June at Victoria Point in partnership with emergency services and safety service providers . Approximately 350 people attended. Included in the Community Safety Expo were presentations from guest speakers on Cyber safety & identity theft, young people presented their research findings into the misuse of alcohol by young people in the Redland and the launch of the One Punch Did Kill Campaign from the Mathew Stanley Foundation.		COMPLETE
Crime Prevention Through Environment Design (CPTED)	Investigation was undertaken of a small shack located at Ormiston as a number of reports had been received of people congregating and consuming alcohol. It was assessed to be in an extremely unsafe condition as the floor had been burnt out and it was constructed over water. Report was made to works operations & workplace health & safety for urgent action. The area has been secured by fencing and a follow up meeting with stakeholders was held at this location.		✓
Graffiti Management Plan Implementation	Graffiti database system has been completed by Information Management June. Graffiti flyers & mini graffiti wipes were distributed to attendees of the Community Safety Expo.	Training for staff & personnel to use the Graffiti Database program will be offered July.	✓
<b>Community Cultural Development</b>			
Regional Arts Development Fund (RADF) Grants	Grants Presentation was held on the evening of 21 June 2010 at the Redlands Performing Arts Complex where cheques were presented to all successful applicants.	Guidelines and applicant information revision from Arts Queensland due in July. RADF round 1 2010/2011 open 26 July 2010, and close 3 September 2010. Grants Arts writing workshop will be held 21 July 2010 with grants expert Miriam Martin. Assessment evening planned for 5 October 2010. RADF Annual General Meeting planned for October/November 2010.	✓

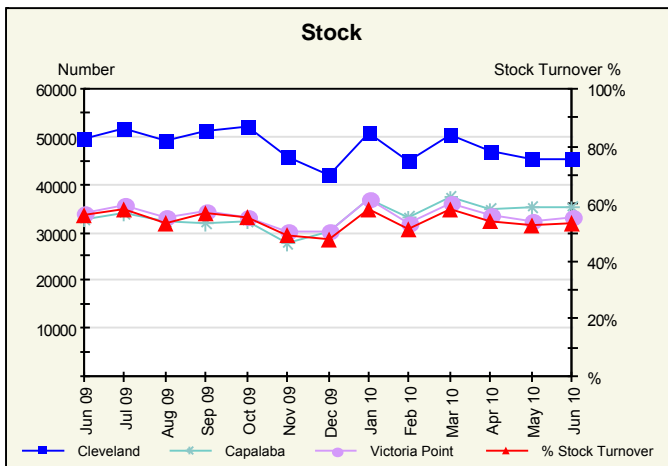
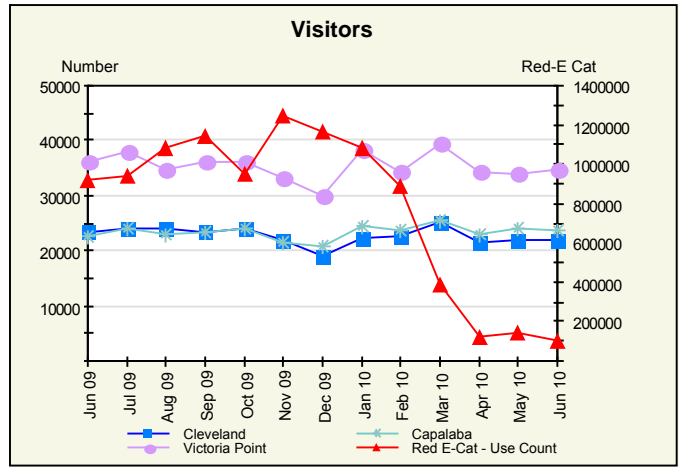
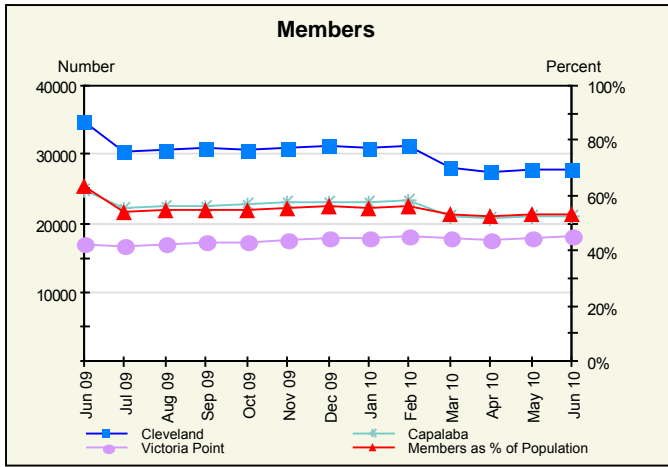
Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
SMBI Welcome Signage Project	No further information at this stage.	Report back to community due in 2010.	✓
Community Cultural Development Initiatives	<p>The launch for the Creative Alliance postcard booklet was held 22 June 2010 at 6pm at Redland Art Gallery with over 50 attendees. Postcards will be distributed through the Redland Creative Alliance and through various Redlands cultural groups. 15 young people have participated in the first workshop of the Common Threads, a cultural program to assist young people deal with the grief and loss of their peers through tragic deaths over the past 2 years. June Artmail, the monthly cultural e-newsletter was distributed to over 130 Redland City members.</p>	<p>The Common Threads Project will conclude in August. Redland City Council to host the next SEQ Cultural Workers Alliance meeting 4 August.</p>	✓

Customer & Community Services

Cultural Services

Attachment 2

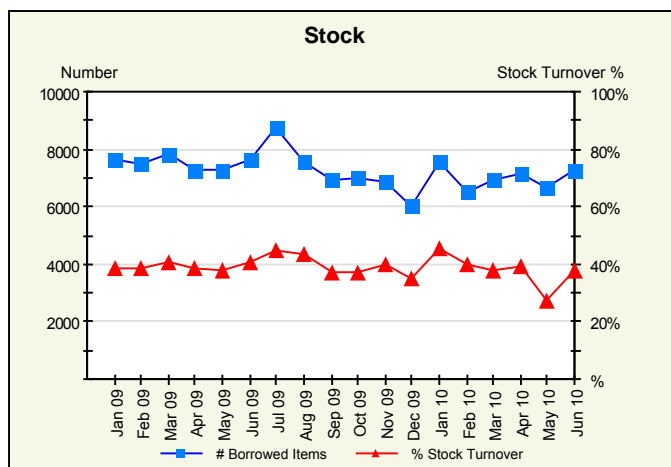
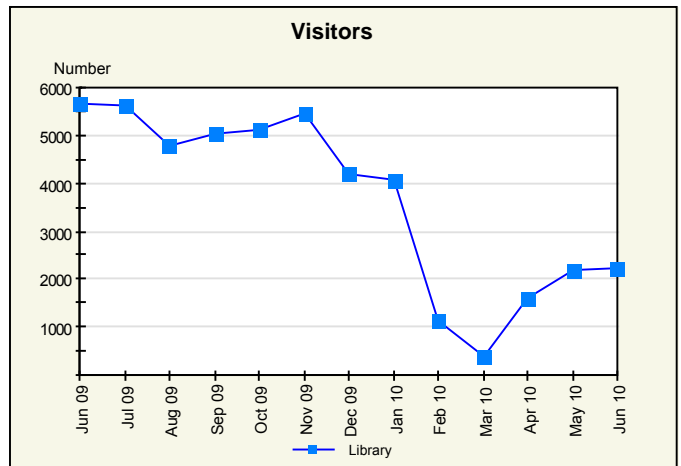
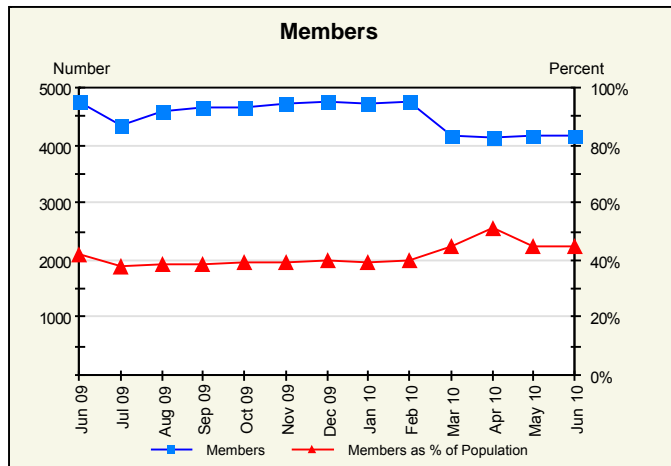
Libraries - Mainland





Cultural Services

Libraries - Island & Mobile



Summary of Activities

Capalaba Library:

A Taste of Tuesday - This community cooking club meets at the Art Space on the first Tuesday of every month.

Seniors Refresh Space - Free coffee, tea and biscuits and the opportunity to meet other seniors at the Art Space every aged pension week on Thursday.

Cleveland Library:

Movie Night: Bridget Jones's Diary - Thursday, 10th June

Francis Bevan Library Talk: Psychometry - Wednesday, 30th June

This talk was very well received with a turnout totaling 55 people.

Victoria Point Library:

LOUD @ the Library - Friday, 18th June:

All new - 'So You Think You're a SingStar?' competition, plus video games, music and dance, chill out zone, pizza and soft drink. Teenagers only and no pass-outs.

Read On @ Your Library - These events are a great way to meet and listen to inspiring authors, illustrators and storytellers.

Visitor Numbers - Hits on Red-e-Cat would appear to have been artificially inflated perhaps by web robots or web crawlers. The Information Management Group is investigating this for Redland Libraries. This measure may no longer be viable due to this type of web activity. Patron Logins for the Red-E-Cat will be used from July 2011 to more accurately reflect usage of the site.

## Cultural Services

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### Museum (Redland & NSI)

#### Summary of Activities

Redland Museum:

Building Extension:

- \* The Museum President and the Architect, Neale Windress, met with the planning department at Council to discuss the requirements for the development approval for the new building
- \* A quantity surveyor was engaged to do a preliminary estimate of the cost of construction.
- \* A Town Planning consultant has been engaged to prepare and submit the Development Approval application.
- \* The President met with Council representatives and Council's electrical engineering contractor to review and plan the electricity supply through the showgrounds and to the Museum.
- \* Car parking is also being discussed.

The Redland Museum is planning a Heritage Festival on to be held on Sunday 1st May 2011. They are currently seeking schools, clubs, community organisations, businesses or family that have a heritage collection, display, craft, activity or product to join in the community event.

The Redland Museum was involved in the Fun in the Parks program with sandpit dig for children.

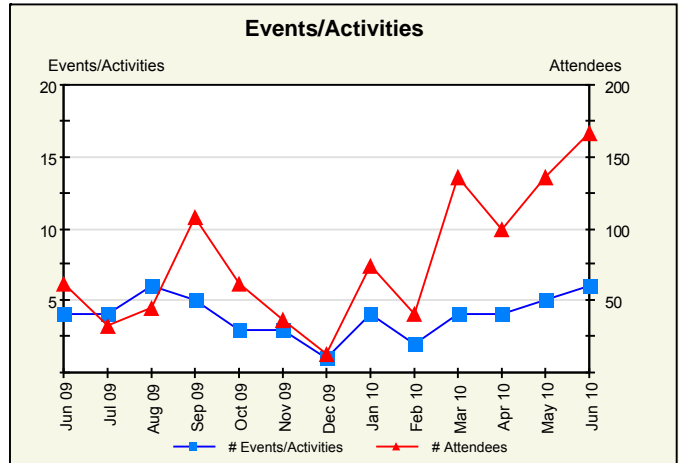
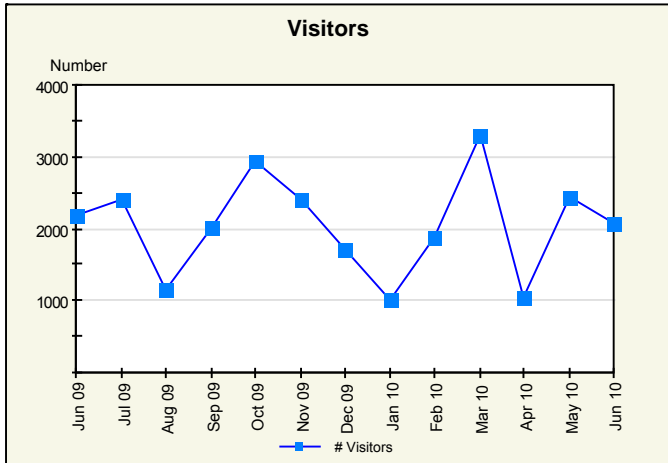
Tracy Ryan from Redland City Council gave a lecture about the workings of the History Room at the Cleveland Library.

North Stradbroke Island Historical Museum:

Centaur Talk 16th June - Hosted by Queensland Museum's Historic Shipwrecks Officer, Ed Slaughter.

Cultural Services

Art Gallery



Summary of Activities

Volunteer Day Out to Logan Art Gallery and Ipswich Art Gallery - Friday, 18th June

Opening of Cleveland Exhibition: Experimenta Utopia Now - 6th June

Chit Chat and Floor Talk about Experimenta - 9th June

Children's Workshops for Experimenta were held on 30th June (First week of school holidays)

Awning has been installed out front of Cleveland Art Gallery.

**MONTHLY ATTACHMENT FOR COMMITTEE REPORT FOR CUSTOMER AND COMMUNITY SERVICE GROUP**

**CULTURAL SERVICES UNIT**

**Responsible Officer Name:** **Glenys Ismail**  
**Service Manager Cultural Services**  
**Author Name:** **Karen Callow**  
**Business Support Officer**

Legend	
Activity Completed	COMPLETE
In Progress	✓
Watch List - Possible Concern	!
Major Concern	✗

Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
<b>Libraries</b>			
			✓
Corporate Library	Allconnex has developed an SLA with the Corporate Library to continue to provide collections and a library and information service on a fee for service basis  Corporate Library coordinated the Benjamin Andrew Footpath Library Book Appeal for "libraries" for homeless people - contribution of 14 cartons of books donated by Redland City Council staff.		
Collections	3 yearly Stocktake of Redland Libraries collections completed and report provided. This process enables staff to keep the library catalogue up to date.	"OverDrive" which is the Redland Libraries first subscription to a service for downloadable e-books and audio books, will be formally launched on 4th August. The program is expected to go live in July.	✓
Young People's Programs	Authors in Action events at Redland Libraries: Dave Hacket author event 17 June at Capalaba Library, and also at Capalaba State College as part of a membership drive. Deborah Abela, Cleveland Library, July. Leonie Norrington, Cleveland Library, Children's Book Week (August) Andy Griffiths, RPAC 6 Sept. Membership drive at Mount Cotton Primary School (July). LOUD@the Library - Friday, 18th June for Teenagers only.	The Library Service has registered to promote the State Library's Looking@Web2.0 online course for the public.	✓
Adult Programs	Cleveland Library Movie Night on Thursday, 10th June showing Bridget Jones's Diary Francis Bevan Library Talk: Psychometry - Wednesday, 30th June at Cleveland Library.		✓

Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
Special Programs	<p>NAIDOC Week Celebrations 4th to 11th July. This event was celebrated at Cleveland Library with the local indigenous community</p> <p>Author Talk at Victoria Point Library on 15th July - An evening with Jack Sim who is Brisbane's dark historian, specialising in true crime and ghost stories.</p> <p>Cleveland Library - "The Law of Attraction" on 22nd July - Marie Vassallo will be discussing "The Law of Attraction" which has been used for centuries by successful people.</p> <p>Building Websites Classes at Cleveland (13th July), Capalaba (23rd July) and Victoria Point (29th July)</p>		<p>✓</p>
<b>REDLAND ART GALLERY</b>			
Exhibitions - Cleveland	<p>6th June to 11th July - Experimenta Utopia Now - International Biennial of Media Art showcases innovative and interactive art works from around the world that poke fun at social and physical boundaries and question the human race's ability to preserve itself.</p> <p>18th July - Exhibition opening for Plant - Life: An exhibition by Nicola Moss, Revisiting the Australian Landscape: Interpreting the landscape on an intimate scale - this is an exhibition of jewellery and small objects by a variety of Queensland jewellers and metalsmiths.</p>	<p>The Redland Art Awards Exhibition will be held at the Redland Art Gallery in November 2010. Entries from artists wishing to exhibit will close on 16 August 2010. All details are on the web site.</p> <p>This year's "Compositions of Sound" concert series, in partnership with the Redland Art Gallery, the Redland Museum and the Redland Arts Council, will commence on 10 September.</p>	<p>✓</p>
Exhibitions - Capalaba	<p>27 May to 07 July - NightLadder: An exhibition by Angela Gardner, Lisa Pullen &amp; Gwenn Tasker. This exhibition unites poetry and printmaking with familiar fairy tales.</p> <p>20th July - Exhibition opening of Seasons in the Sun: An exhibition by the Donald Simpson Centre Art Groups and Wood Carvers</p>		<p>✓</p>
Chit Chat & Floor Talks	<p>9th June - Floor Talk &amp; Chit Chat - Clare Needham, member of the Experimenta Utopia Now exhibition curatorium, discussed this exhibition of innovative and interactive artworks from around the world.</p> <p>21st July - Floor Talk &amp; Chit Chat by Nicola Moss (Plant - Life: An Exhibition by Nicola Moss) &amp; Elizabeth Shaw (Convenor of Jewellery and Small Objects - Revisiting the Australian Landscape)</p>		<p>✓</p>

Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
Children's Workshops	30th June - Create your own animal mask - 3 sessions - children will watch and play Isobel Knowles and Van Sowerwine's choose-your-own-animation "You Were In My Dream" where interacting with fairytale creatures takes place in an enchanted forest, then they will create their own animal masks inspired by characters from the animation.		✓

**MONTHLY ATTACHMENT FOR COMMITTEE REPORT FOR CUSTOMER AND COMMUNITY SERVICE GROUP**

**CULTURAL SERVICES UNIT**

**Responsible Officer Name:** Glenys Ismail  
**Service Manager Cultural Services**  
**Author Name:** Karen Callow  
**Business Support Officer**

**Legend**

Project Complete	COMPLETE
In Progress	✓
Watch List - Possible Concern	!
Major Concern	✗

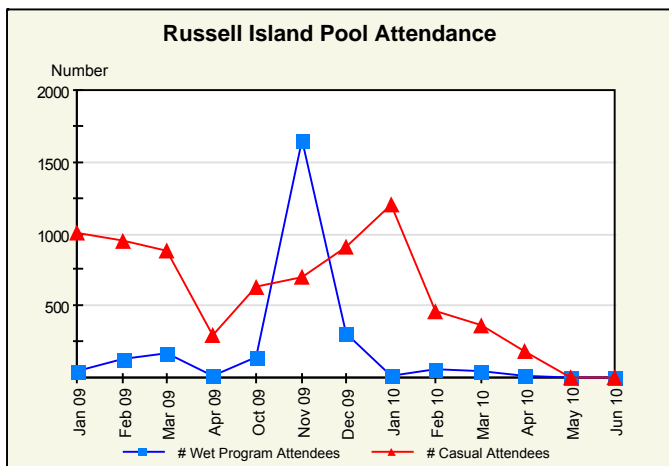
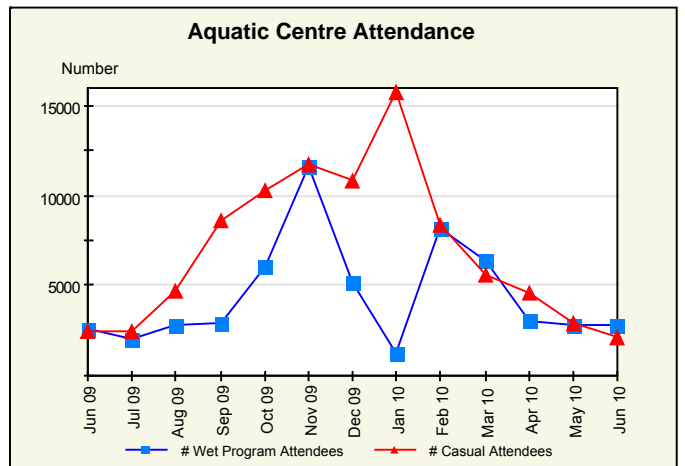
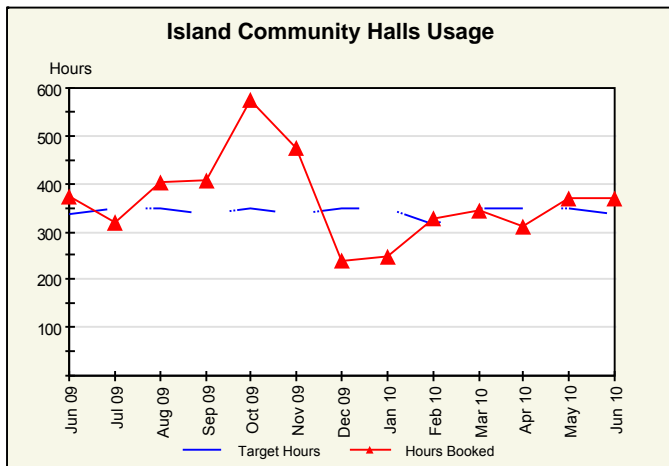
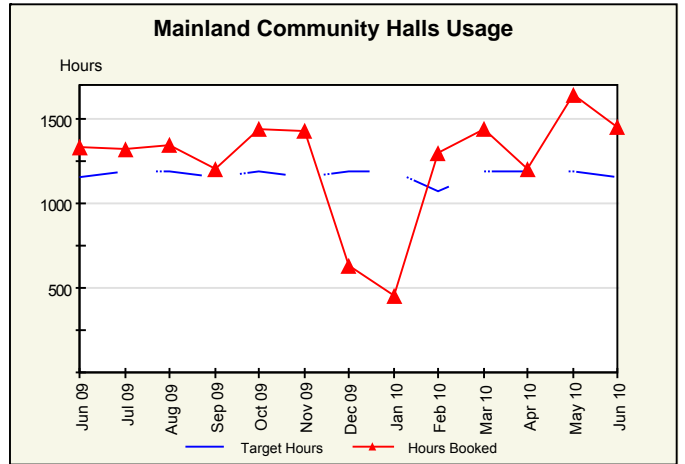
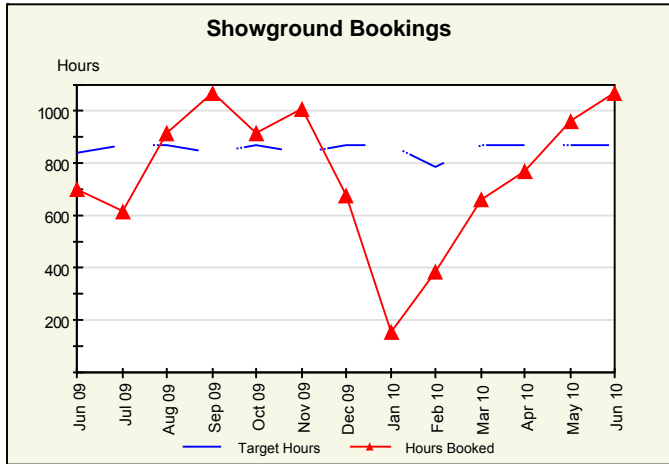
Project Name	Current Comments	Budget	Target Start Quarter	Target Finish Quarter	Status Rating
<b>Libraries</b>					
Three Yearly Library Stocktake	The stocktake is complete and the missing items for deletion from the catalogue will be finalised when all processes are complete.	\$17,000	3rd Qtr	4th Qtr	COMPLETE
Museum Review Consultancy	The SEQ Museum Development Officer has completed her report and the contract will now be drawn up.	\$5,000	3rd Qtr	4th Qtr	COMPLETE
Self check in / check out system (Victoria Pt)	This budget given up in the BR2 and will be included in the Cultural Services capital budget for 2010-2011.	\$48,000	2011/2012	2011/2012	✓
Customer Services Capital IT Purchases	All required items purchased. Budget expended, with only a very small remainder.	\$24,900	1st Qtr	4th Qtr	COMPLETE
Cleveland Library Renovations	This budget given up in BR2. Re-budgeted for 2011-12 and 2012-13	\$313,370	2011/2012	2011/2012	✓
<b>Art Galleries</b>					
Public Art Audit	Audit completed; maintenance work being completed this month.	\$10,260	1st Qtr	3rd Qtr	COMPLETE
Art Gallery Collection Archive	Complete	\$6,668	1st Qtr	3rd Qtr	COMPLETE
Art Collection De-accessioning	Complete	\$6,000	1st Qtr	4th Qtr	COMPLETE
Customer Services Capital IT Purchases	Being used for the KE EMU project and journalled to that job.	\$9,000	2nd Qtr	4th Qtr	COMPLETE
Art Collection Database Software (C/F 08/09)	Software has been purchased.	\$34,000	2008/2009	4th Qtr	COMPLETE
Gallery Track Lighting Replacement	Budget being given up at BR2 and an amount of \$40K being budgeted next financial year 2010-11 for the most energy efficient system that can be purchased for gallery purposes	\$40,000	2010/2011	2010/2011	✓
Redland Art Gallery Awning (C/F 08/09)	PDG have completed the design and the plans have been signed off. Awning has been erected.	\$19,000	2008/2009	4th Qtr	COMPLETE

**Customer & Community Services**

**Leisure and Recreation**

**Attachment 3**

**Recreation, Showgrounds, Aquatic Centre & Community Halls**





## Summary of Activities

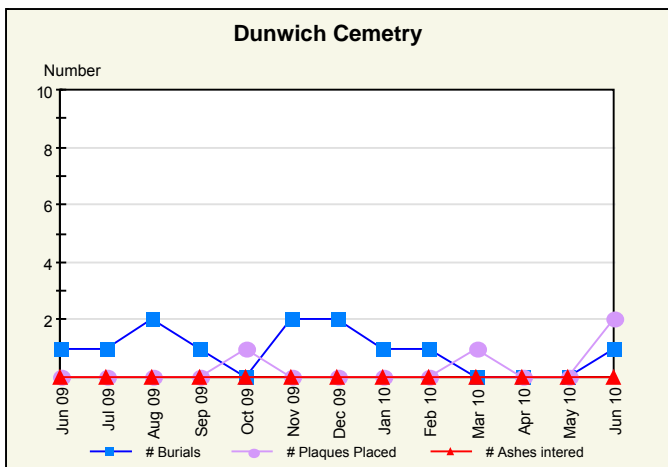
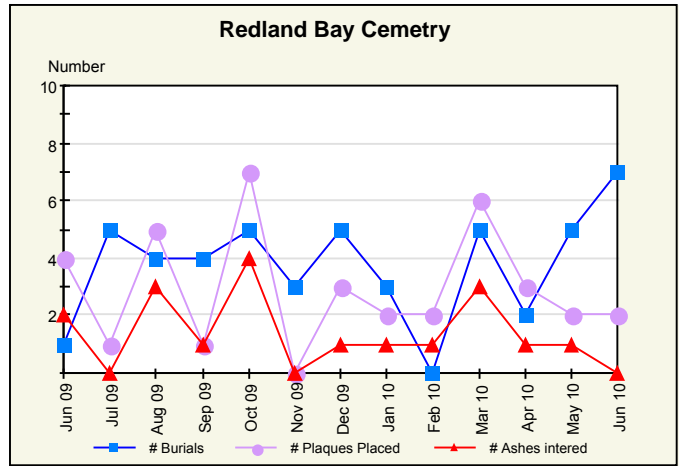
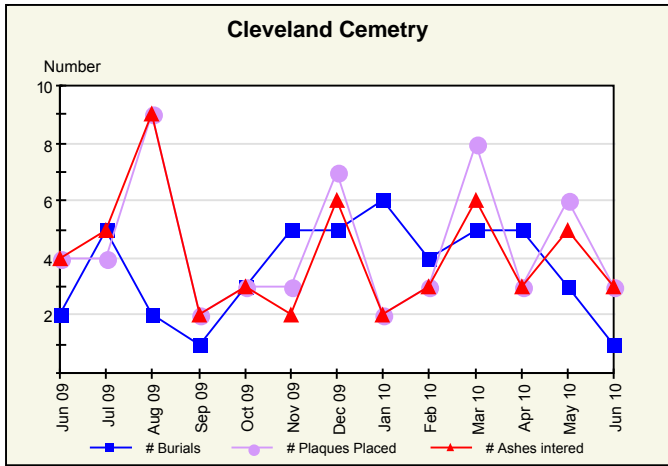
Regular Users of both the Mainland and Island Community Halls have continued to be higher than previous years with 130 being unvoiced for June. There was an increase in revenue for 09/10 of \$1,300.

Casual attendance at the Cleveland Aquatic Centre were slightly less than last year, however attendance to the Wet Programs were slightly higher. The Russell Island Pool remains closed for the winter period and will reopen on Saturday 18 September.

Usage figures for the Cleveland Showgrounds were good, however there were no Major events during this period.

## Leisure and Recreation

### Cemeteries



### Summary of Activities

Burials at the 3 cemeteries was consistant with previous years for this period.

The Heritage Master Plan for the Redland Bay Cemetery progressed during June.

## Leisure and Recreation

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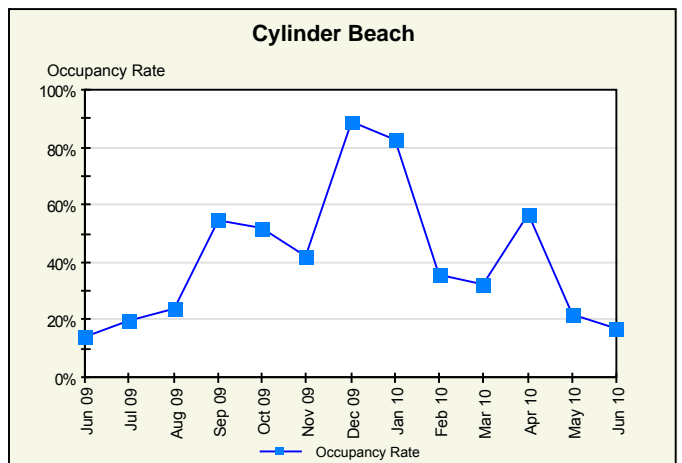
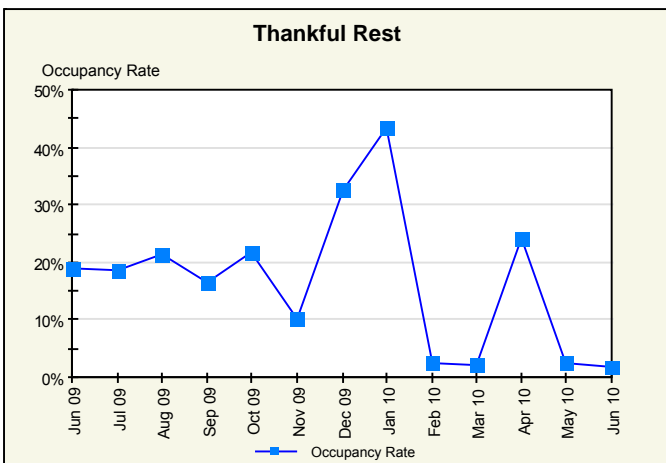
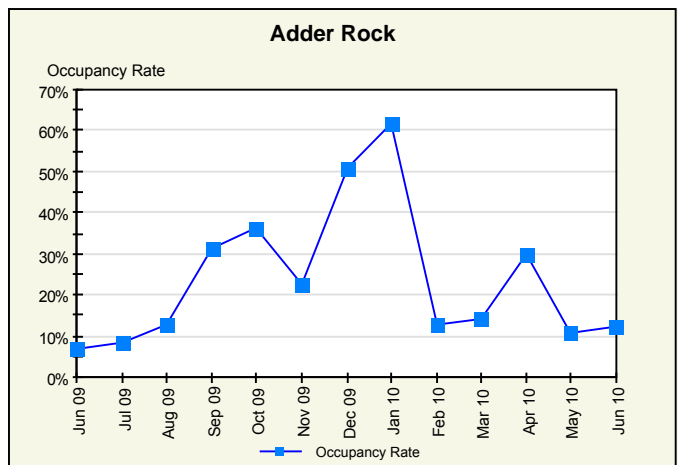
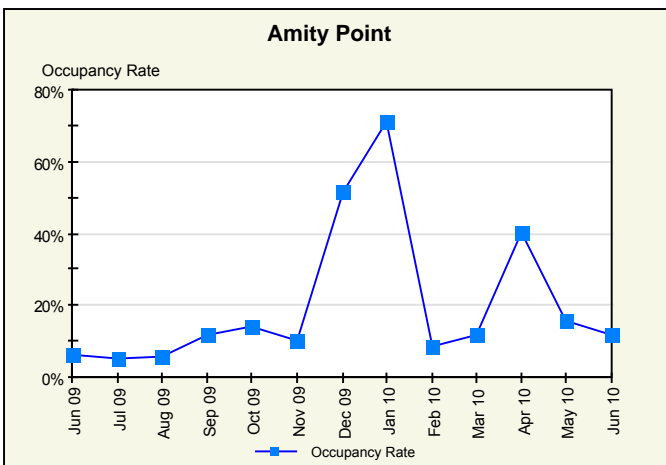
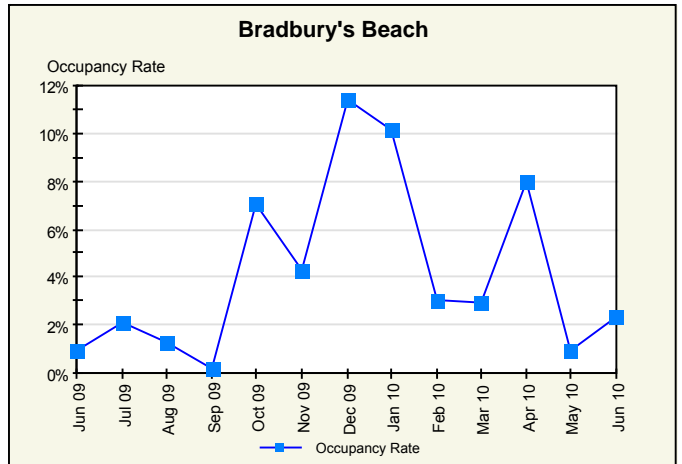
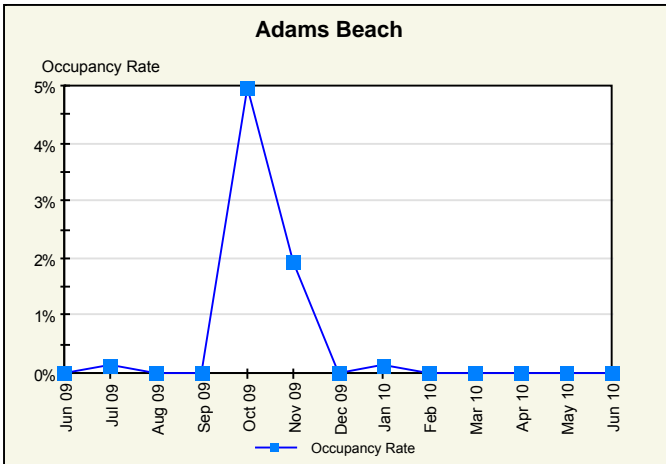
### Surf Life Saving QLD

#### Summary of Activities

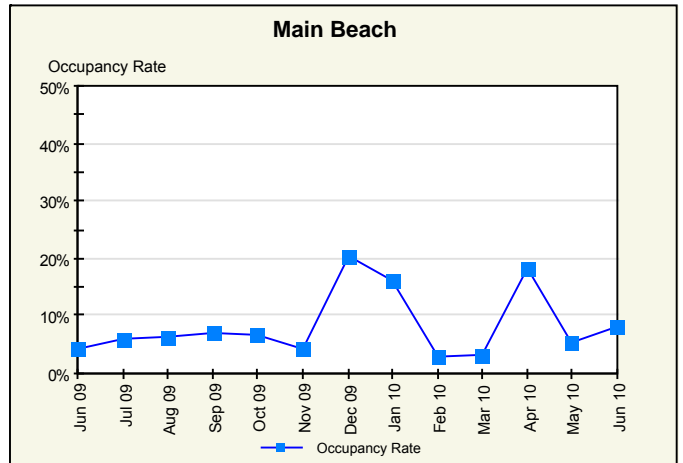
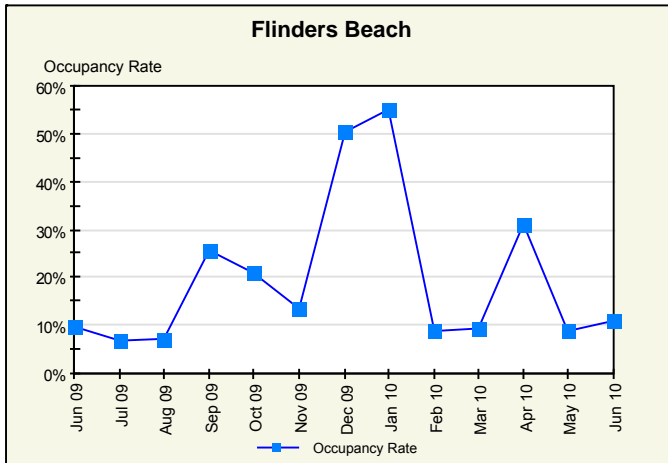
No monthly meeting was held Surf Life Saving QLD in June.

Leisure and Recreation

Straddie Holiday Parks



### Straddie Holiday Parks (cont'd)



### Summary of Activities

Revenue across all parks and foreshore was up on the same period last year. Usage of the parks at this time of year is very weather dependant however all parks except for Thankful Rest had an increase in occupancy rates.

The revenue for the 09/10 period was only \$27K down on the expected \$2,985,000. This was mainly due to fewer 4WD permits being issued.

**MONTHLY ATTACHMENT FOR COMMITTEE REPORT FOR CUSTOMER AND COMMUNITY SERVICE GROUP**

**LEISURE & RECREATION SERVICES UNIT**

**Responsible Officer Name:** Russell Cook  
**Service Manager Leisure & Recreation**  
**Author Name:** Michelle Maguire  
**Administration Officer**

Legend	
Activity Completed	COMPLETE
In Progress	✓
Watch List - Possible Concern	!
Major Concern	✗

Activities	Achievements / Issues Over Last Month	Significant Events in the Upcoming Months	Status Rating
<b>Recreation</b>			
Fun in the Parks	There were good numbers for the most part with over 1030 participants over the 6 days. The turn up was usually reflective of the park location, i.e. big numbers in the areas of Wellington Point, Thorneside, Victoria Point and a lower turnout at Redland Bay. Feedback was very good as indicated by evaluation sheets and verbal comments from patrons on site. The format was different this program trying some varied entertainment with an emphasis on dance and fitness (Zumba dancing, Bollywood dance) which was well received.	The next program will be in late January 2011	✓
Holiday Programs		The next program will be run in the September School holiday period	✓
Club Liaison & Admin Programs	No additional Agreements were signed in this period	Council officers will continue to work with the remaining 11 Clubs who have yet to sign the Permit to Occupy agreements	✓
Sports Development Programs	As no decision had been made on how this program would be delivered for 09/10. The majority of these funds were transferred to the Physical Activity Strategy project.		✓

**MONTHLY ATTACHMENT FOR COMMITTEE REPORT FOR CUSTOMER AND COMMUNITY SERVICE GROUP**

**LEISURE & RECREATION SERVICES UNIT**

**Responsible Officer Name:** Russell Cook  
**Service Manager Leisure & Recreation**  
**Author Name:** Michelle Maguire  
**Administration Officer**

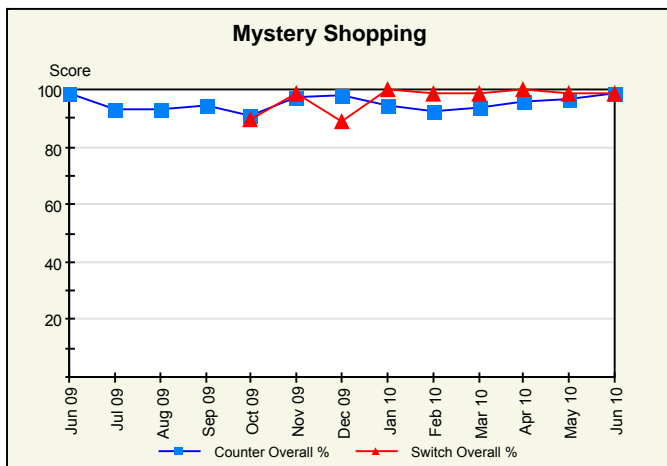
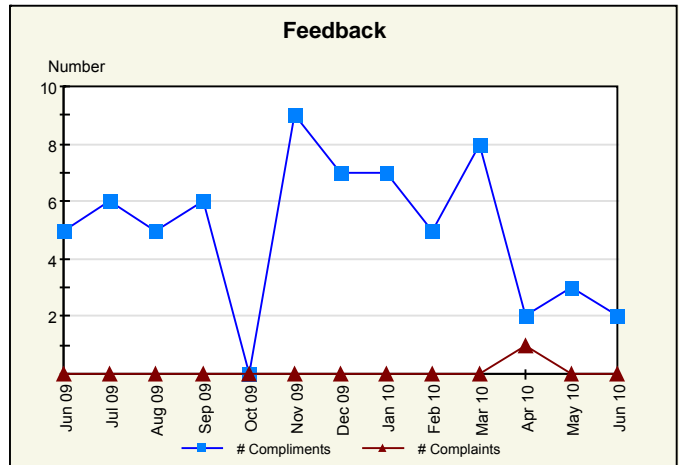
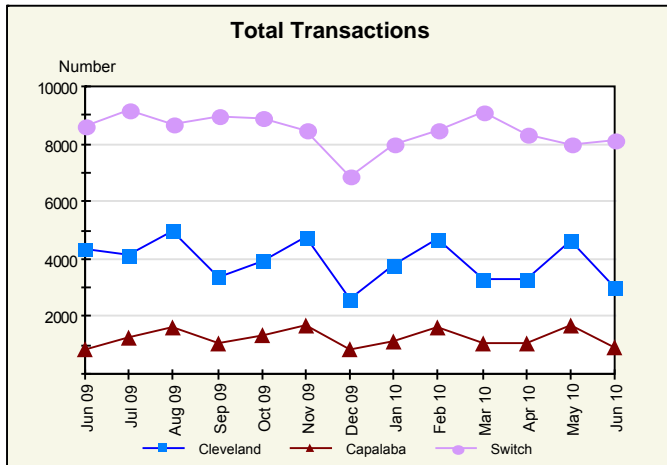
Legend	
Project Complete	Complete
In Progress	✓
Watch List - Possible Concern	!
Major Concern	✗

Project Name	Current Comments	Budget	Target Start Quarter	Target Finish Quarter	Status Rating
<b>Recreation, Showgrounds &amp; Aquatic Centre</b>					
Showground Power Boards	This project has been put on hold until an electrical audit of the Showgrounds has been completed as part of the Showgrounds Master Plan review. The remaining \$40K of this project was transferred to the Repainting of the Memorial Hall project to allow it to proceed in 09/10	\$50,000		4th Qtr	✓
Caravan Asset Maintenance Plan	This will be now be undertaken in the 10/11 period				✓
Maintenance of Facilities at Cleveland Showgrounds	Ongoing project	\$20,520			✓
Replace Concourse for 50m Pool at Cleveland Aquatic Centre	The concourse has been completed	\$40,000			COMPLETE
<b>Community Halls</b>					
Repaint Cleveland Memorial Hall	Work commenced in late May and was completed in early July	\$45,000	4th QTR	4th QTR	COMPLETE
Repaint Thornlands Dance Palais	Completed Feb 2010	\$50,000			COMPLETE
Removal of Asbestos from Community Halls	The asbestos was removed from Thornlands Dance Palais in Jan Feb 10. This now only leaves the Point Lookout Hall which will be included in the hall redevelopment which is expected to start November 2010	\$120,000		3rd QTR 10/11	✓
Renew/Replace Equipment in Community Halls	Ongoing replacement of tables , chairs and white goods throughout the 15 halls	\$26,650			✓
<b>Cemeteries</b>					
Cleveland Cemetery Internal Road System	A Cemetery Maintenance plan has been developed and the project will be designed by PDG in 10/11. The \$200,000 budget for this has been shifted to 11/12	\$0			✓
Expansion of Redland Bay Cemetery	A Cemetery Maintenance plan is currently being developed and it is expected to be completed by July 2010 and only minor works commencing this financial year	\$100,000			✓

## Customer & Community Services

### Customer Service

#### Attachment 4



### Summary of Activities

June was extremely busy updating Councils fees and charges across the organisation in readiness for new financial year. All Councils forms and fact sheets were updated to reflect new fees & charges and this information was uploaded onto Councils web pages for the public. The information Privacy Act 2009 now forms part of all forms and legislative documentation for RCC.

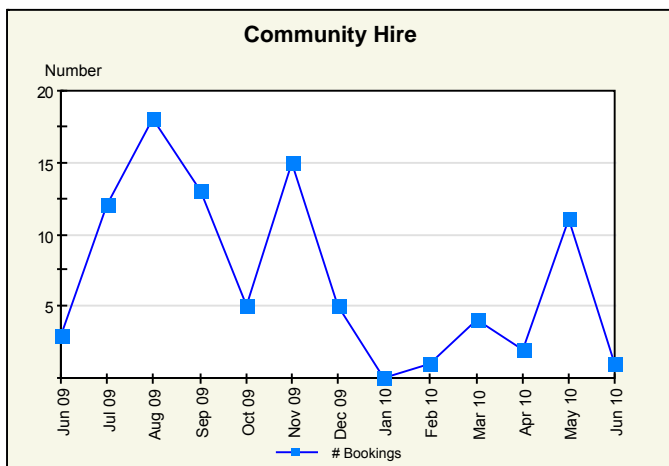
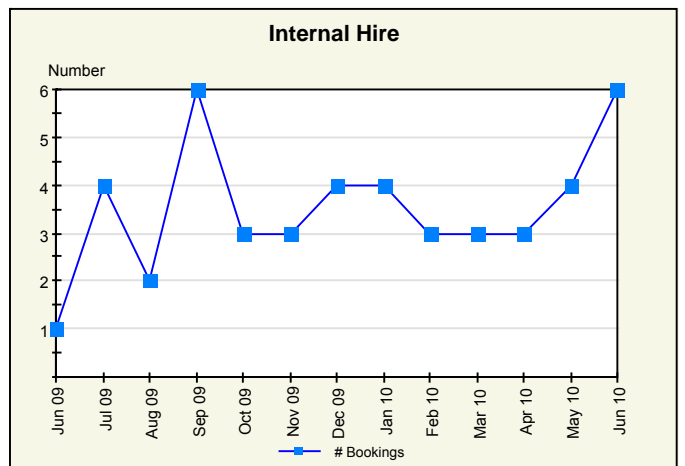
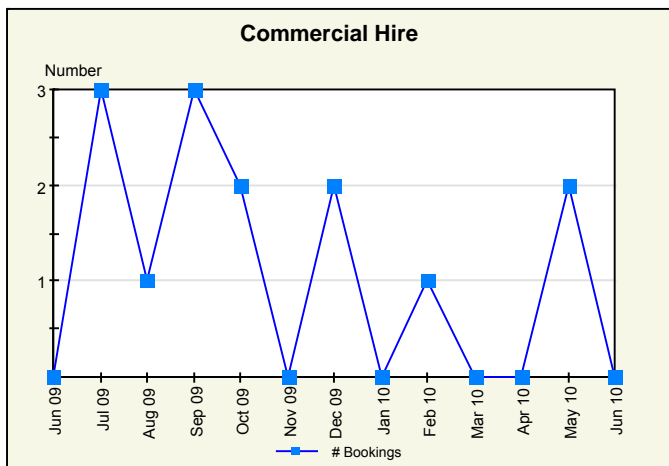
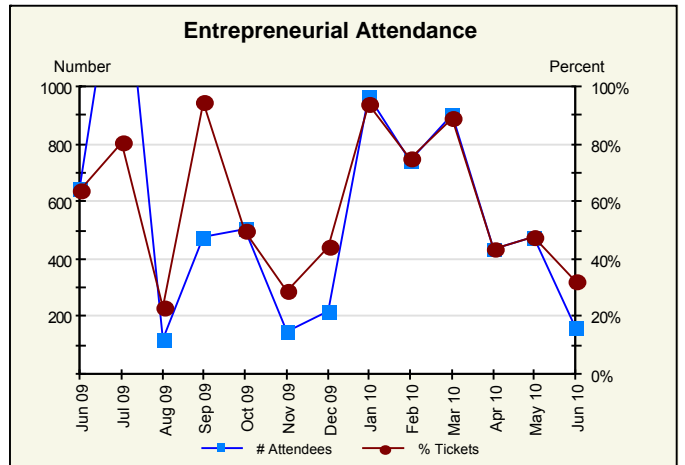
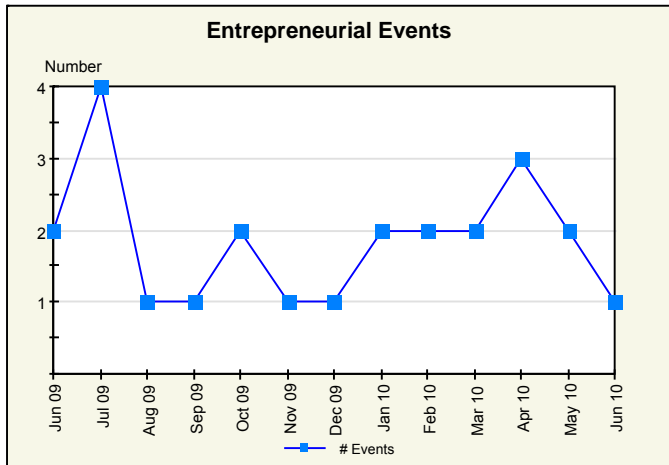
A strong focus was placed on Allconnex during this period to ensure all processes would be in place in readiness for the separation of the business on 1st July 2010.

A significant rise for development applications lodgement over counters at both centres and via mailed in applications. In particular, Smarte-DA development applications also increased significantly as EOFY approached.

A significant rise in banking due to EOFY.



**Customer & Community Services**  
**Redland Performing Arts Centre (RPAC)**  
**Attachment 5**



## Summary of Activities

### **June at Redland Performing Arts Centre**

#### **2010 Entrepreneurial Program**

Thursday, 10 June - "I Don't Wanna Play House" in the Concert Hall - 72 patrons

#### **Commercial Hires**

Saturday, 26 June - Redlands Rhapsody in the Concert Hall - 463 patrons

#### **Internal Council Department Hires**

Monday, 7 June - Cleveland Business Forum

Tuesday, 8 June - Allconnex Water Muster

Monday, 21 June - Community Grants presentation

Thursday, 24 June - Immunisation Clinic

Tuesday, 29 June - Citizenship Ceremony

#### **RPAC Education Programs**

Development of two new education program courses, titled "Introduction to Stage Management" and "Introduction to Stage Lighting" completed. Trial run of both courses was conducted on 19 and 20 June.

#### **Community Art Display Space**

Showcased students' artworks from Wellington Point State High School

**MONTHLY ATTACHMENT FOR COMMITTEE REPORT FOR CUSTOMER AND COMMUNITY SERVICES GROUP**

**REDLAND PERFORMING ARTS CENTRE**

**Responsible Officer Name:** Lisa Trellick  
**Service Manager RPAC**  
**Author Name:** Melanie Jonker  
**RPAC Business Administrator**

<b>Legend</b>	
Project Complete	Complete
In Progress	✓
Watch List - Possible Concern	!
Major Concern	✗

Project Name	Current Comments	Budget	Target Start Quarter	Target Finish Quarter	Status Rating
<b>RPAC</b>					
RCCC Kitchen Enhancement	Kitchen completed - final inspection by Wendy Donaldson from Health and Environmental Services arranged for Thursday, 8 July 2010	\$20,780	Q3	Q3	✓

**13.1.2 MONTHLY REPORT FOR PROJECT DELIVERY GROUP**

**Dataworks Filename:** GOV Reports to Committee - Project Delivery Group

**Attachment:** [Attachment 1 for PDG Report – June 2010](#)  
[Attachment 2 \(a\) for PDG Report – June 2010](#)  
[Attachment 2 \(b\) for PDG Report – June 2010](#)

**Responsible Officer Name:** Bradley Salton  
Acting Group Manager, Project Delivery Group

**Author Name:** Delia Dowthwaite  
Project Delivery Group

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**EXECUTIVE SUMMARY**

The Project Delivery Group Monthly Report is presented to Council for noting.

The report provides a project status as at 31<sup>st</sup> July and an overall financial summary as at 30 June for projects undertaken by the Project Delivery Group.

**PURPOSE**

To provide Council with a summary report of projects currently being managed by the project Delivery Group.

**BACKGROUND**

The Project Delivery Group (PDG) is responsible for the delivery of capital and major operational projects. This involves developing detailed designs and costing for each project, coordinating the quotation or tendering process and the project delivery and/or construction of the works program.

**ISSUES**

Projects that reached practical completion between 1<sup>st</sup> July & 31<sup>st</sup> July 2010.

- 42175 – Donald Simpson Centre Improvement, Cleveland
- 42094 – Piermont Place, Cleveland – Raby Bay Revetment Wall
- 45397 – O’Connell Parade, Wellington Point
- 40133 – South St, Thornlands South Path link
- 30111-4 – Pontoon Maintenance Dredging at Weinam Creek

## Financial Summary

The Group's financial performance as at 30 June 2010 is summarised with supporting graphs (Refer Attachment 2a & 2b)

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's strategic priority:

Outcome 8 – **“Inclusive and ethical governance”** – Deep engagement, quality leadership at all levels, transparent and accountable democratic processes and a spirit of partnership between the community and Council will enrich residents' participation in local decision making to achieve the community's Redlands 2030 vision and goals

8.5 Be transparent and consistent in the way we manage the organisation, its risks and obligations and ensure we are delivering against our priorities.

## FINANCIAL IMPLICATIONS

No direct financial implications arise from this report.

## PLANNING SCHEME IMPLICATIONS

There are no implications for the Planning Scheme arising from this report.

## CONSULTATION

The Survey Services Manager; Design Services Manager; Project Management Services Manager and Construction Projects Services Manager have been consulted in the preparation of this report and are supportive of the recommendation.

## OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolve to note the report.**

**CARRIED**

**MONTHLY ATTACHMENT (1) FOR COMMITTEE REPORT FOR PROJECT DELIVERY GROUP as at 31st July 2010**

**Responsible Officer Name:** Bradley Salton  
**Manager Project Delivery Group**  
**Author Name:** Delia Dowthwaite  
**Project Administrator Project Delivery Group**

Legend	
Project Completed	Complete
In Progress	✓
Watch List - Possible Concern	!
Major Issue	✗
Outside PDG Control	Blank

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
<b>Current Projects</b>								
<b>Upgrade Caravan Parks</b>								
45744-3	C	Waste Water Disposal - Amity Pt Caravan Pk NSI	Supervising Consultant for disposal of grey water from the amenities blocks at Amity Point Tourist Park	Construction phase	2	1st Qtr 1011	2nd Qtr 1011	✓
45744-4	C	Waste Water Disposal - Amity Pt Caravan Pk NSI	Construction & Design of KWET system at Amity Point Tourist Park	Pre procurement phase	2	1st Qtr 1011	2nd Qtr 1011	✓
<b>Conservation Areas</b>								
45857	C	Indigiscapes Investigation Area - Planning	Due Diligence, structural inspection, environmental & asbestos audit	Pre design phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Community Development</b>								
42175	C	Donald Simpson Centre Improvement, Cleveland	Stage 3 Facility Improvement	Construction complete	2	4th Qtr 0910	1st Qtr 1011	✓
<b>Community Halls</b>								
20383	C	Pt Lookout Hall Refurbishment	Design and construct additions and alterations to Community Hall	Pre construction	2	1st Qtr 1011	4th Qtr 1011	✓
<b>Cultural</b>								
10272	C	RCCC Stage 1 SDP Works (RPAC)	Urgent repairs to RCCC roof, guttering and glazing to address serious water damage/leakage issues	Pre construction	2	2nd Qtr 1011	2nd Qtr 1011	✓
42186	C	Redlands Performing Arts Complex, Cleveland	Completion of RPAC - After PC Costs	Construction phase	2	1st Qtr 0910	1st Qtr 1011	✓
42315	C	Fire Detection Emergency Lighting System RPAC	Emergency lighting and fire detection systems replacement.	Pre construction	2	1st Qtr 1011	1st Qtr 1011	✓
<b>Cycleway Trunk Infrastructure</b>								
45212	C	Intrepid Dr/Ondine Court Vic Point	Design & Construct bridges at Creek Side Circuit East	Construction phase	6	1st Qtr 1011	1st Qtr 1011	✓
45212-1	C	Intrepid Dr/Ondine Court Vic Point	Construct concrete track over top of sewage line from bridge at Creek Side Circuit East	Procurement phase	6	2nd Qtr 1011	2nd Qtr 1011	✓
45741	C	Queens Esplanade Cycleway	Construct 3m wide concrete path as part of Moreton Bay Cycleway through Thorneside	Design phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Dog off Leash Areas</b>								
40144	C	Manning Esplanade, Thornlands (Dog Off Leash Area)	Construct fully fenced dog off leash area with seating, signage, bin & bag dispenser & water bubbler.	Construction phase	3	4th Qtr 0910	1st Qtr 1011	✓
<b>Drainage Program</b>								
80914	C	Drainage Renewal	Parent Job Number - Funds to be dispersed into individual jobs.	Pre construction	Citywide	N/A	N/A	✓
40145	C	Olympus Dve Sediment Pond	Install new field inlet	Construction phase	3	1st Qtr 1011	1st Qtr 1011	✓
<b>Foreshore Protection</b>								

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
45481	C	Foreshore Access Stairs - Kalara Street, Macleay Island	Provide safe access to beach and foreshore by providing concrete stairs complete with handrails	On hold by Client	5	TBA	TBA	
45482	C	Wilson Esplanade Cnr Wilson St Foreshore Access Stairs Vict Pt	Provide safe access to beach and foreshore by providing concrete stairs complete with handrails	On hold by Client	4	TBA	TBA	
<b>Intersections</b>								
42264	C	Wellington & Bainbridge Sts Intersection Ormiston	Minor intersection upgrade, including pedestrian pathway on sw side of Bainbridge St.	Design phase	1	2nd Qtr 1011	3rd Qtr 1011	✓
<b>LATM'S</b>								
40148	C	Conley Ave, Thornlands	Proposed chicane traffic islands at the intersection of Lidgard St.	Pre design phase	3	4th Qtr 1011	4th Qtr 1011	✓
40149	C	South Street Thornlands	Construct threshold treatments, install blister islands & warning signs.	Pre design phase	3	3rd Qtr 1011	3rd Qtr 1011	✓
45394	C	Willard Rd, Capalaba	Installation of 'pinch point' side and central splitter precast concrete traffic islands in Willard Rd at the Elwyn St intersection, and painting of associated pavement.	Design phase	8&9	4th Qtr 1011	4th Qtr 1011	✓
<b>Marine SMBI</b>								
41138	C	Upgrade Macleay Island Berthing Piles	Upgrade 2 western berthing piles at barge ramp on Macleay Island as indicated in the image attached to scope. Remove 1 pile.	Pre procurement phase	5	2nd Qtr 1011	2nd Qtr 1011	✓
42140	C	Lamb Island - Boat Ramp Toe Planks	Installation of Keying Beam and toe planks as ramp maintenance.	On hold by Client	5	TBA	TBA	
<b>Marine Mainland &amp; NSI</b>								
40030	C	Amity Pt Upgrade Landside Facilities NSI (Also refer JN 42131 & 45655-2)	Build pavement & surfacing in asphalt. Accommodation for car parks, CTUs and de-rigging area.	Pre Design phase	2	3rd Qtr 1011	4th Qtr 1011	✓
42299	C	Weinam Creek Carpark upgrade	Design & construct for Weinam Creek Car Parking facility. Description and scope completed by KBR consultants.	Pre design phase	5	2nd Qtr 1011	4th Qtr 1011	✓
42320	C	Wellington Point Queuing Beach	Construct Sand Queuing beach on the northern end of the main 4 lane ramp on the South Side of the jetty.	Design phase	1	TBA	TBA	✓
<b>Marine Transport</b>								
10911	C	Dredging Emmett Drive Boat Ramp Toondah Harbour	Use long arm excavator to remove silt from toe of boat ramp. Place spoil in spoil pond.	Pre procurement phase	2	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Open Space Trunk Infrastructure</b>								
40102	C	Dundas St, Bushland Refuge, Ormiston Upgrade	Construction of concrete pathways, landscaping and nature based play elements.	Pre design phase	1	4th Qtr 1011	4th Qtr 1011	✓
40108	C	Bailey Rd Park, Birkdale upgrade	Construction of concrete pathways, landscaping and nature based play elements.	Design phase	8	4th Qtr 1011	4th Qtr 1011	✓
40109	C	Chantelle Park Capalaba Upgrade (Revised scope received)	Construction of concrete pathways, landscaping and nature based play elements.	Design phase	9	4th Qtr 1011	4th Qtr 1011	✓
40112-1	C	Dog of Leash areas-Point Talburpin, Redland Bay	Trial only of Dog Off Leash Area	Pre procurement phase	5	1st Qtr 1011	2nd Qtr 1011	✓
40112-2	C	Dog of Leash areas-Point Talburpin, Redland Bay	Construct fully fenced dog off leash area with seating, signage, bin & bag dispenser & water bubbler	Design complete	5	3rd Qtr 1011	3rd Qtr 1011	✓
40174	C	Water bubblers/taps Upgrade Sandy Bay Dr Park Victoria Pt	Installation of new water bubbler adjacent to Fit for Life Station	Pre design phase	4	TBA	TBA	✓
40175	C	Water bubblers/taps Upgrade Capalaba Regional Park	Installation of new water bubbler adjacent to Fit for Life Station	Pre design phase	9	TBA	TBA	✓
40176	C	Water bubblers/taps Upgrade Raby Bay Espl Park Ormiston	Installation of new water bubbler adjacent to Fit for Life Station	Pre design phase	1	TBA	TBA	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
41769	C	Well Pt Reserve Stage 2 - Park Upgrade	Upgrade Wellington Point Reserve to Regional Park Standards including car park upgrades, seawalls, pathways, shelters, trees, play equipment, landscaping	Construction phase	1	2nd Qtr 0910	1st Qtr 1011	✓
42114	C	Henry Ziegenfusz Reserve, Fitzroy Street Cleveland Carpark NSI	Upgrade existing gravel car park to a concrete car park. This includes the construction of pathway, landscaping bays within car parks and upgrades to drainage.	Pre construction	3	1st Qtr 1011	2nd Qtr 1011	✓
42260	C	Raby Bay Foreshore Park Playground	Upgrade existing playground with new proprietary play equip and provide new shade sails.	Design phase	2	3rd Qtr 1011	3rd Qtr 1011	✓
80539	C	Cleveland Point Reserve	Maintain ring road but increase foreshore space for pedestrians. Improve play area and recreation facilities.	Design Phase	2	3rd Qtr 1011	4th Qtr 1011	✓
80539-1	C	Cleveland Point Reserve	Amenities Block and Shelters	Design Phase	2	2nd Qtr 1011	2nd Qtr 1011	✓
41773-4	C	Capalaba Regional Park Upgrade Stg 3b Playground, Regional Recreational Park	Extension of all abilities playground and installation of a retaining wall along the gazebo seating area	Construction phase	9	4th Qtr 0910	1st Qtr 1011	✓
41774-2	C	Victoria Point Reserve Stage 1	Upgrade Stage 1 of Vic Pt Reserve to Regional Park Standards in accordance with approved Land Mgt Plan. Includes playground, footpath and picnic facilities such as shelters, water fountains, bins and BBQs- Playground upgrade.	Construction phase	4	4th Qtr 0910	1st Qtr 1011	✓
41774-4	C	Victoria Point Reserve Stage 1	Upgrade Stage 1 of Vic Pt Reserve to Regional Park Standards in accordance with approved Land Mgt Plan. Includes carpark & landscape upgrade works	Construction phase	4	1st Qtr 1011	2nd Qtr 1011	✓
<b>Parks &amp; Conservation</b>								
20020	C	Indigiscapes Shed	Construction of a concrete slab and 6mx9m shed adjacent to nursery	Design phase	7	TBA	TBA	✓
40167	C	Shade Shelter Extension Windemere Rd, Alex Hills	Shade shelter extension	Design phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Parks Maintenance</b>								
40124	C	Shade Structure William Stewart Park Thornlands	Supply & install 1 freestanding framed shade structure	Design phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
40139	C	Shade Structure Ern & Alma Dowling Memorial Park Vic Point	Supply & install 1 freestanding framed shade structure	Design phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Paths &amp; Trails</b>								
40088	C	Detailed Design of Point Lookout Gorge Boardwalk	To develop a detailed design of Pt Lookout Boardwalk for entire length of trail looking at upgrading existing lengths of track in line with current Australian Standards & Cultural heritage requirements.	Design phase	2	3rd Qtr 1011	4th Qtr 1011	✓
40134	C	Ziegenfusz Rd, Thornlands - Footpath	Construction of 2.0m wide path, 170m long, on the southern side of Ziegenfusz Rd in-between Trundle Rd and Conley Ave.	Pre design phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
42290	C	Brosnan Dr Stage 2 Barber to Nth Parkland	Concrete pathway	Design Complete	9	3rd Qtr 1011	3rd Qtr 1011	✓
42296	C	Valley Road Wellington Point Footpath Solar Lighting	Installation of 2 x solar lights along the pathway from Valley Rd through to Galena St. Locations of the solar lights as indicated on scope.	Procurement phase	1	1st Qtr 1011	1st Qtr 1011	✓
45863	C	Footpath - Larbonya Cres, Capalaba	1.5m concrete pathway approx 170m in length from existing path outside no 5 Larbonya Cres through to no. 28 Larbonya Cres Capalaba	Design complete	9	2nd Qtr 1011	2nd Qtr 1011	✓



Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
45864	C	Footpath - Saul St, Thorneside	Construction of a 1.5m concrete footpath approx 360m in length, along the eastern side of Saul St Birkdale from Queens Esplanade to Mooroondu Rd	Design complete	10	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Public Amenities</b>								
45905	C	Public Amenities - Les Moore Park Victoria Point	Construct an amenities block as per Les Moore Park Revised Landscape Master Plan.	Design complete	4	3rd Qtr 1011	3rd Qtr 1011	✓
<b>Raby Bay Revetment Wall</b>								
42094	C	Piermont Pl Cleveland (Raby Bay)	Raby Bay Revetment Wall at lot 50	Construction complete	2	2nd Qtr 0910	1st Qtr 1011	✓
40072	C	Raby Bay Revetment Walls - Wall repairs Masthead Drive 95-105	Wall repairs Masthead Drive 95-105 (Was JN 45365 - Raby Bay Revetment Walls, also funds coming from 30125 the 10YR Opex planning Job)	Design phase	2	1st Qtr 1011	2nd Qtr 1011	✓
<b>Regional Parks</b>								
40142	C	Raby Bay Foreshore Park Pathway	To continue the pedestrian circulation pathway system as per the approved master plan 2008. Construct a reinforced 2.0 wide concrete footpath.	Design complete	2	2nd Qtr 1011	2nd Qtr 1011	✓
40168	C	Windemere Road Park, Alexandra Hills	Construct physical activity station & seating	Design phase	7	3rd Qtr 1011	3rd Qtr 1011	✓
40169	C	Aquatic Paradise Park West, Birkdale	Construct physical activity station & seating	Design phase	10	3rd Qtr 1011	3rd Qtr 1011	✓
40170	C	Bailey Road Park, Birkdale	Construct physical activity station & seating	Design phase	8	3rd Qtr 1011	3rd Qtr 1011	✓
40171	C	Capalaba Regional Park, Capalaba	Construct physical activity station & seating	Design phase	9	3rd Qtr 1011	3rd Qtr 1011	✓
40172	C	Raby Esplanade Park, Ormiston	Construct physical activity station & seating	Design phase	1	3rd Qtr 1011	3rd Qtr 1011	✓
40173	C	Sandy Drive Park, Victoria Point	Construct physical activity station & seating	Design phase	6	3rd Qtr 1011	3rd Qtr 1011	✓
45799	C	Physical Activity Station In Sel Outridge Park Red Bay	Installation of physical activity stations	Design complete	5	2nd Qtr 1011	2nd Qtr 1011	✓
45800	C	Physical Activity Station Yeo Park, Vic Pt	Installation of physical activity stations	Design complete	4	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Reseals &amp; Resurfacing</b>								
46100	C	AO - Heffernan Road Alexandra Hills	School carpark	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46101	C	AO - Koorong Court Alex Hills	Palana St - Cul-de-sac	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46102	C	AO - Lapford Court Alex Hills	Vienna Rd - Cul-de-sac	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46103	C	AO - Palana Street Alex Hills	Hanover Drive - Hanover Drive	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46104	C	AO - Pangela Court Alex Hills	Palana St - Cul-de-sac	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46105	C	AO - Wandana court Alex Hills	Palana St - Cul-de-sac	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46107	C	AO - Burbank Road Birkdale	Randall Rd - Spoonbill St	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46108	C	AO - Haig Road Birkdale	Wollingwood Rd - Pandanus St	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46109	C	AO - Pandanus St Birkdale	MacFarlan St - Cul-de-sac	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46110	C	AO - Spoonbill Street Birkdale	Sunnybay Dr - House no.42	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
46111	C	AO - Banbury Street Capalaba	Wardley St - Ney Rd	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46112	C	AO - Brosnan Drive Capalaba	Callaghan way - Callaghan way	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46113	C	AO - Bute Street Capalaba	Handsworth St - Wentworth Dr	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46114	C	AO - Cunningham Street Capalaba	Wentworth Dr - Kennedy Dr	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46115	C	AO - Diana Street Capalaba	Rhoades St - Dead end	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46116	C	AO - Dublin Street Capalaba	Killarney Cres - Blarney Rd	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46117	C	AO - Galaxy Court Capalaba	Gundagai Dr - Cul-de-sac	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46118	C	AO - Gibson Street Capalaba	Logan St - MacQuarie St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46119	C	AO - Gregory Street Capalaba	Handsworth St - Wentworth Dr	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46120	C	AO - Handsworth Street Capalaba	Ney Rd - Parkway St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46121	C	AO - Jameson Street Capalaba	Killarney Cres - Blarney Rd	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46122	C	AO - Jefferey Street Capalaba	Ney Rd - Jon St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46123	C	AO - Jon Street Capalaba	Jefferey St - Silvara Cct	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46124	C	AO - Kevin Street Capalaba	Diana St - Handsworth St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46125	C	AO - Logan Street Capalaba	Wentworth Dr - Mitchell St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46126	C	AO - Mitchell Street Capalaba	Cunningham St - MacQuarie St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46127	C	AO - Nova Court Capalaba	Gundagai Dr - Cul-de-sac	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46128	C	AO - Parkway Street Capalaba	Handsworth St - Rhoades St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46129	C	AO - Randwick Street Capalaba	Crotona Rd - Cul-de-sac	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46130	C	AO - Rhoades Street Capalaba	Diana St - House no.32	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46131	C	AO - Simpson Street Capalaba	Logan St - MacQuarie St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46132	C	AO - Spirit Drive Capalaba	Frost St - House no.30	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46133	C	AO - Stuart Street Capalaba	Cunningham St - Cul-de-sac	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46134	C	AO - Toni Street Capalaba	School Rd - Diana St	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
46135	C	AO - United Court Capalaba	Gundagai Dr - Cul-de-sac	Pre procurement phase	7	2nd Qtr 1011	2nd Qtr 1011	✓
46136	C	AO - Wardley Street Capalaba	Handsworth St - End	Pre procurement phase	9	2nd Qtr 1011	2nd Qtr 1011	✓
46138	C	AO - Channel Street Cleveland	Middle St - RSL turn around	Pre procurement phase	2	2nd Qtr 1011	2nd Qtr 1011	✓
46139	C	AO - Fitzroy Street Cleveland	Princess St - Coburg St East	Pre procurement phase	2	2nd Qtr 1011	2nd Qtr 1011	✓
46140	C	AO - Cassandra Street Cleveland	Island St - Fitzroy St	Pre procurement phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
46143	C	AO - Longland Street Cleveland	Passage St - Cul-de-sac	Pre procurement phase	2	2nd Qtr 1011	2nd Qtr 1011	✓
46144	C	AO - Masthead Drive Cleveland	Compass Ct - Plymouth Ct	Pre procurement phase	2	2nd Qtr 1011	2nd Qtr 1011	✓
46148	C	AO - Weippin Street Cleveland	Wellington St - Bus Stop	Pre procurement phase	2	2nd Qtr 1011	2nd Qtr 1011	✓
46149	C	AO - Hibiscus Drive Mt Cotton	Orchid Dr - Pavement Change	Pre procurement phase	6	2nd Qtr 1011	2nd Qtr 1011	✓
46150	C	AO - Hibiscus Drive Mt Cotton	Hibiscus Dr - Pavement Change	Pre procurement phase	6	2nd Qtr 1011	2nd Qtr 1011	✓
46151	C	AO - Marigold Place Mt Cotton	Hibiscus Dr - Cul-de-sac	Pre procurement phase	6	2nd Qtr 1011	2nd Qtr 1011	✓
46152	C	AO - Orchid Drive Mt Cotton	Papaya St - Hibiscus Dr	Pre procurement phase	6	2nd Qtr 1011	2nd Qtr 1011	✓
46153	C	AO - Papaya Street Mt Cotton	Valley Way - Hardwood Dr	Pre procurement phase	6	2nd Qtr 1011	2nd Qtr 1011	✓
46154	C	AO - Blackthorne Street Ormiston	Armagh St - End	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46155	C	AO - Hilliard Street Ormiston	Wellington St - Cul-de-sac	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46156	C	AO - McCartney Street Ormiston	Wellington St - Rose St	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46158	C	AO - Shamrock Street Ormiston	Hilliard St - Oak St	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46159	C	AO - Thistle Street Ormiston	Hilliard St - Oak St	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46160	C	AO - Thorne Street Ormiston	Hilliard St - Oak St	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46161	C	AO - Wellington Street Ormiston	McCartney St - Pryor St	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46162	C	AO - Winship Street Ormiston	Bainbridge St West - End	Pre procurement phase	1	2nd Qtr 1011	2nd Qtr 1011	✓
46169	C	AO - School of Arts Road Redland Bay	Collins St - Donald Rd	Pre procurement phase	5	2nd Qtr 1011	2nd Qtr 1011	✓
46170	C	AO - Serpentine Creek Road Redland Bay	Torquay Rd - Oakland Dr	Pre procurement phase	5	2nd Qtr 1011	2nd Qtr 1011	✓
46174	C	AO - Henry Street Thorneside	Railway Pde - Thorne Rd	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
46175	C	AO - Hull Street Thorneside	Roy St - End	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46176	C	AO - Leon Street Thorneside	Fisher Rd - Thorneside Rd	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46177	C	AO - Mark Street Thorneside	Mooroondu Rd - Queens Esp	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46178	C	AO - Railway Parade Thorneside	Mond St - Charles St	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46179	C	AO - Roy Street Thorneside	Alma St - Hull St	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46180	C	AO - Thorneside Road Thorneside	John St - Fisher Rd	Pre procurement phase	10	2nd Qtr 1011	2nd Qtr 1011	✓
46181	C	AO - Albicore Street Thornlands	Ziegenfusz Rd - Cul-de-sac	Pre procurement phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
46182	C	AO - Claret Court Thornlands	Hermitage Cr - Cul-de-sac	Pre procurement phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
46183	C	AO - Dalwood Court Thornlands	Yalumba St - Cul-de-sac	Pre procurement phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
46184	C	AO - Hawk Street Thornlands	Kite St - house no.3	Pre procurement phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
46186	C	AO - Moyston Court Thornlands	Yalumba St - Cul-de-sac	Pre procurement phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
46187	C	AO - Shirley Street Thornlands	Manhattan Ave - Lake View Dr	Pre procurement phase	3	2nd Qtr 1011	2nd Qtr 1011	✓
46189	C	AO - Butterfield Close Victoria Point	Jeanne Dr - Cul-de-sac	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46191	C	AO - Jasmine Court Victoria Point	Peppercorn Cr - Cul-de-sac	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46192	C	AO - Jeanne Drive Victoria Point	Link Rd - House no.23	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46193	C	AO - Jeanne Drive Victoria Point	Fryar St - Gannet St	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46194	C	AO - Lexington Court Victoria Point	Trafalgar Dr - Cul-de-sac	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46195	C	AO - Lindabel Court Victoria Point	Seagull St - Cul-de-sac	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46197	C	AO - Magnolia Parade Victoria Point	Redland Bay Rd - Waratah Ave	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46198	C	AO - Nottingham Drive Victoria Point	Regency St - Traffic Island (Seaholly)	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46199	C	AO - Nottingham Drive Victoria Point	Regency St - Cul-de-sac	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46200	C	AO - Paddington Place Victoria Point	Trafalgar Dr - Cul-de-sac	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46201	C	AO - Parklane Road Victoria Point	Nottingham Dr - Pavement change	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46202	C	AO - Peppercorn Crescent Victoria Point	Poinciana Ave - Poinciana Ave	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
46204	C	AO - Point O'Halloran Road Victoria Point	Colburn Ave - Seagull St	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46205	C	AO - Point O'Halloran Road Victoria Point	Minetta St - Cheshire St	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46206	C	AO - Point O'Halloran Road Victoria Point	Cheshire St - Kintyre St	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46207	C	AO - Point O'Halloran Road Victoria Point	Kintyre St - Orana St	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46208	C	AO - Point O'Halloran Road Victoria Point	Orana St - Lakefield Dr	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46209	C	AO - Point O'Halloran Road Victoria Point	Lakefield Dr - Orana Esp	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46211	C	AO - Regency Street Victoria Point	School Rd - Nottingham Dr	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46214	C	AO - Sycamore Parade Victoria Point	Link Rd - Magnolia Pde	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46215	C	AO - Trafalgar Drive Victoria Point	House no.6 - Cul-de-sac	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46216	C	AO - Waratah Avenue Victoria Point	Sycamore Pde - Sycamore Pde	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46217	C	AO - Wilson Esplanade Victoria Point	Wilson St - House no.41	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
46218	C	AO - Wilson Street (West) Victoria Point	Colburn Ave - Wilson Esp	Pre procurement phase	4	2nd Qtr 1011	2nd Qtr 1011	✓
<b>Residential Street Upgrade Program</b>								
40041	C	Intersection Improvements	Parent Job Number - Funds to be dispersed into individual jobs.	Pre construction	Citywide	N/A	N/A	✓
40047	C	Wellington St Ormiston	K&C Road widening front of carpark Ormiston Station	Design phase	1	2nd Qtr 1011	3rd Qtr 1011	✓
42297	C	Curlew Creek Rehabilitation	Install 375mm pipe to Elizabeth St, Coochiemudlo Is through to the 2x1050 pipes at intersection of Victoria Pde.	Design Phase	4	4th Qtr 1011	4th Qtr 1011	✓
65049	C	Days Rd upgrade link to Resources & Waste Facility	Days Rd Upgrade Link to Resources & Waste Facility	On hold by Client	6	TBA	TBA	
<b>Road Reconstruction Program</b>								
40080	C	Mako Avenue, Birkdale	The paved section in Mako Ave is failing. The removal of existing pavers is required and reseal with bitumen.	Pre construction	10	2nd Qtr 1011	2nd Qtr 1011	✓
45397	C	O'Connell Parade, Wellington Point	To construct K&C Bitumen widening both sides, Main Road to Waterloo	Construction complete	1	3rd Qtr 0910	1st Qtr 1011	✓
<b>School Safe</b>								
40133	C	South St, Thornlands South Path link	Construction of a 2.0m wide path, 210m long, adjacent to angle parking on northern side of South St, linking to pedestrian crossing.	Construction complete	3	4th Qtr 0910	1st Qtr 1011	✓
45762	C	Anson Road Car Park Wellington Pt	Bitumen carpark, line marking and Islands 70-100 car parks Redlands College.	Design complete	1	2nd Qtr 1011	3rd Qtr 1011	✓
<b>Seal Gravel Road</b>								
40042	C	Judith St Russell Island	To upgrade and bitumen seal the existing surface of the road 5.5m wide road from Kings Road to Beryl Street	Pre construction	5	2nd Qtr 1011	2nd Qtr 1011	✓
40045	C	Scarborough Tce Macleay Island	To upgrade and bitumen seal the existing surface of the road 5.5m wide from the existing concrete road to house 30	Pre construction	5	3rd Qtr 1011	3rd Qtr 1011	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
40049	C	Alkira St, Macleay Island	Upgrade and bitumen seal existing surface of the road.	Pre construction	5	3rd Qtr 1011	3rd Qtr 1011	✓
40051	C	Eastbourne Tce Macleay Island	To upgrade and bitumen seal the existing surface of the road 5.5m wide road from Brighton Terrace to Cowes Street.	Pre construction	5	4th Qtr 1011	4th Qtr 1011	✓
45652	C	Scalping Program	Parent Job Number - Funds to be dispersed into individual jobs.	Pre construction	Citywide	N/A	N/A	✓
45631	C	Orange Grove Road, Coochiemudlo Island.	Erobin Street to Mooroondu - 230m	Design complete	4	1st Qtr 1011	2nd Qtr 1011	✓
45632-2	C	Vista / Short St Russell Island	Seal gravel rd from High Street to Short Street to Highland Street - Stage 2	Construction phase	5	1st Qtr 1011	2nd Qtr 1011	✓
45635	C	Tina Ave Lamb Is - Leonie to Paula	3.5m wide concrete road on Tina Avenue from Leonie to Paula	Design complete	5	1st Qtr 1011	2nd Qtr 1011	✓
<b>SMBI Reserve</b>								
40040	C	High/ Minjerriba Streets Intersection Upgrade Russell Island	High/Minjerriba - intersection upgrade Minjerriba/Centre St Intersection upgrade	Design phase	5	2nd Qtr 1011	2nd Qtr 1011	✓
40043	C	McBean/Nina St Karragarra Is	To upgrade the existing surface of the road 5.5m wide road construction required. Road design to take into consideration all drainage issues.	Pre design phase	5	2nd Qtr 1011	2nd Qtr 1011	✓
40046	C	Stg 3 Melaleuca Dr Lamb Island	Sealing of the gravel road from Lucas Drive to where it meets the existing sealed road along Melaleuca Drive, including Basil Court.	Construction phase	5	1st Qtr 1011	1st Qtr 1011	✓
40050	C	East Rd Karragarra Island	To upgrade and bitumen seal the existing surface of the road 5.5m wide road.	Pre construction	5	1st Qtr 1011	2nd Qtr 1011	✓
40059	C	The Shack - Southsea Tce, Macleay Is	A 2.5m covered walkway is to be constructed between the veranda of the Macleay Island Community Centre and the Veranda of 'The Shack'.	Pre design phase	5	3rd Qtr 1011	3rd Qtr 1011	✓
40136	C	Canaipa Road Path Russell Island	Construction of a 2.5m path from High St to Oasis Dve. Stage 1 High St to Akebia St	Pre design phase	5	2nd Qtr 1011	2nd Qtr 1011	✓
40146	C	Crescent Dve Russell Island	Provide access through 83 Crescent Dve and 37 Victoria Pde	Pre construction	5	1st Qtr 1011	2nd Qtr 1011	✓
45780	C	Noyes Parade, Karragarra Is (Causeway)	Construct concrete causeway along Noyes Parade from house 96 to the intersection of Treasure Island Avenue.	Pre construction	5	1st Qtr 1011	1st Qtr 1011	✓
45798	C	Attunga Street Recreational Bridge Macleay Island	Attunga Street Recreational Bridge and Pathway	On hold by Client	5	TBA	TBA	
45787	C	Pats Park Stage 1, Beelong St, Macleay Island	Upgrade Park facilities and provide new CPTED compliant toilets.	Pre construction	5	1st Qtr 1011	2nd Qtr 1011	✓
45881	C	Kennedy Farm Site Remediation, Russell Island	Remove two buildings as indicated on map provided and remove asbestos and the site to be made good on completion.	Pre procurement phase	5	2nd Qtr 1011	2nd Qtr 1011	✓
<b>SMBI Road Sealing</b>								
45772	C	Beth St, Russell Island	SMBI Road Sealing Beth St from Jackson St to end	Design phase	5	4th Qtr 1011	4th Qtr 1011	✓
<b>Special Maintenance</b>								
40318	C	Cleveland Lighthouse Conservation Works - Stage 2	Restoration Works to existing lighthouse	Construction phase	2	1st Qtr 1011	1st Qtr 1011	✓
<b>Sporting Facilities</b>								
20586	C	Replace Aquatic Centre Filter 50M Pool	Replace existing filtration system to 50m at Aquatic Centre	Pre design phase	2	4th Qtr 1011	4th Qtr 1011	✓
<b>Sport &amp; Recreation</b>								
41099-1	C	Pt Lookout Hall - Path & Viewing Platform	Design & Project Mgmt of concrete footpath & viewing platform. Stage 1	Pre design phase	2	4th Qtr 1011	4th Qtr 1011	✓
<b>Stormwater Trunk Infrastructure</b>								
81163	C	Beckwith Street Ormiston	Rehabilitation of water course. Possible use of rock lining.	Pre construction	1	3rd Qtr 1011	3rd Qtr 1011	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
81164	C	Sturgeon St Ormiston	Rehabilitation of water course. Possible use of rock lining.	Pre construction	1	3rd Qtr 1011	3rd Qtr 1011	✓
<b>Transport Trunk Infrastructure</b>								
41870	C	Queen Street & Government Road Redland Bay	Installation of kerb and channel, footpath, drainage and median island - Stage 1	Design complete	5	3rd Qtr 1011	4th Qtr 1011	✓
45467-1	C	Quarry/Rickertt Road, Thorneside/Birkdale	Design & Contract Mgt of JN 45467-3	External Project Management	10	1st Qtr 0809	2nd Qtr 1011	✓
45467-3	C	Quarry/Rickertt Road, Thorneside/Birkdale	Construction - Upgrade all road infrastructure incl widening 2-4 lanes.	Construction phase	10	1st Qtr 0910	1st Qtr 1011	✓
<b>Waste Management Facility</b>								
65014-2	C	Sustainable Resource & Waste Facility Redland Bay - DevApp	Development application for the construction of the SRWF	Procurement phase	6	TBA	TBA	
65014-3	C	Sustainable Resource & Waste Facility Redland Bay - D&C	Design and Construct the SRWF	Procurement phase	6	TBA	TBA	
65014-4	C	Sustainable Resource & Waste Facility Redland Bay - ContMgt	Contract Management of the SRWF	Procurement phase	6	TBA	TBA	
65019-2	C	Macleay Island Waste Transfer Station	Remediation of the old landfill site and upgrading the existing transfer station.	Permit phase	5	2nd Qtr 1011	3rd Qtr 1011	✓
<b>Operational Jobs</b>								
10005	C	Apex Park BMX Track, Ormiston	Construction of a compacted earth BMX jump area	Construction phase	1	4th Qtr 0910	1st Qtr 1011	✓
10188	C	Coochiemudlo Public Hall	Replace/Repair as needed the handrail to the hall balcony and disabled ramp of the Coochiemudlo Hall.	Pre construction	4	2nd Qtr 1011	3rd Qtr 1011	✓
10267	C	Aquatic Centre Repairs 25M Pool Concourse	Repair work to foundations and replace concrete topping to concourse	Pre construction	2	4th Qtr 1011	4th Qtr 1011	✓
30004	C	Coochiemudlo Island Jetty Repairs	Repair cracks in Jetty deck & soffit, wrap piles in Marine Tape.	Pre construction	4	2nd Qtr 1011	2nd Qtr 1011	✓
30071	C	Demolition 2 Outridge Street, Redland Bay	Preliminary security works to property, house demolition, re-establish yard & fence off property.	Pre construction	5	3rd Qtr 1011	3rd Qtr 1011	✓
70006	C	Remediation Works, Judy Holt Park, Eastern Batter Birkdale	Major capping and reprofiling works, stormwater mgt, leachate mgt system and walking track re-establishment (Judy Holt Park Birkdale). (Changed from 71039 15/03/10)	Pre design phase	8	4th Qtr 1011	4th Qtr 1011	✓
70019	C	Baythorn Restoration	Establishment of council conservation area	Construction phase	4	1st Qtr 1011	2nd Qtr 1011	✓
70905	C	John Fredericks Park Risk Reduction Works	Closed Landfill risk reduction remediation design, car parking and access design and construction	Pre design phase	9	3rd Qtr 1011	4th Qtr 1011	✓
30111-4	C	Pontoon Maint Dredging at Weinam Ck	Dredge Marina & entrance channel to restore to design depths and maintain navigability of the area.	Construction complete	5	3rd Qtr 0910	1st Qtr 1011	✓
70002-2	C	Dredging Emmett Dve. Boat Ramp Toondah Harbour	Removal of spoil from dredge pond area - phase 2	Construction phase	2	4th Qtr 0910	1st Qtr 1011	✓
<b>Not Lead Agent</b>								
30382	C	Mainland Conservation Asset Services	Orana Street Victoria Point - Boardwalk Rehabilitation	Pre construction	4	1st Qtr 1011	2nd Qtr 1011	✓
30394	C	Raby Bay Canal Maintenance	40 Raby Bay Blvd - Repair paving around pool fence & repair concrete block Fence.	Pre procurement phase	2	1st Qtr 1011	1st Qtr 1011	✓
45183	C	Conser Fauna Land Bridge Design Only	It requires a 5 m wide bridge to cross over Avalon Rd to allow fauna movement between Don and Christine Burnett and Ford Rd Conservation Area. (Land in LC, owned by RCC)	Pre design phase	6	N/A	N/A	✓
45718	C	Victoria Point North Ramp, Foreshore Access Stairs	Provide safe access to beach and foreshore by providing concrete stairs complete with handrails	Returned to Client	4	N/A	N/A	

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
<b>Received, Not Yet Accepted</b>								
11397	C	Birkdale Hall	Repaint internal & External	Received Yet to be Accepted	10	TBA	TBA	
42326	C	Verandah Cover Redland Bay Hall	Replace existing shade cover verandah with weather proof cover	Received Yet to be Accepted	5	TBA	TBA	
42132	C	Victoria Point Boat Ramp Floating Pontoon	Remove old plastic floating pontoon. Install new concrete floating pontoon system	Received Yet to be Accepted	4	TBA	TBA	

## Future Projects

<b>Carparks Parks &amp; Reserves</b>								
41724	F	Amity Point Flinders Beach Access NSI	Carpark upgrade with track pads to Flinders Beach	On hold by Client	2		Future Job	
<b>Cycleway Trunk Infrastructure</b>								
40009	F	MBC Raby Bay Esplanade Masthead to Wharf St	D&C cycleway on road two-way contra flow and shared use path and bridge.	Pre design phase	2		Future Job	✓
40012	F	MBC Thorneside Rickertt to John St	D&C 3m wide cycleway through Thorneside in foreshore land	Pre design phase	10		Future Job	✓
40160	F	MBC Thorneside to Ormiston BAZ	Install Bicycle Awareness Zone & Bicycle Lane line marking	Pre design phase	10		Future Job	✓
41710	F	Moreton Bay Cycleway - Hilliards Creek Crossing, Ormiston	Construction of part of the Moreton Bay Cycleway including 3m floating boardwalk/cycle way linking Station St, Wellington Point to Hilliard Street Ormiston.	Design phase	1		Future Job	✓
<b>Drainage Program</b>								
45809	F	Fern Terrace, Russell Island	Drainage improvements	Design complete	5		Future Job	✓
<b>Foreshore Protection</b>								
40062	F	Pelican Street Seawall	Demolish wall and foreshore access stairs, construct new rip rap type wall to extents indicated on FS. Install foreshore access stairs in location indicated in FS.	On hold by Client	4		Future Job	
40258	F	Queens Esplanade Seawall	Concept design	Pre design phase	10		Future Job	✓
41891	F	Cleveland Point Seawall & Foreshore	Foreshore protection. GHD report on Structural Integrity, 10/11 refurb works according to findings of GHD report.	Pre design phase	2		Future Job	✓
45225	F	Vic Pt Seawall - West of Nth Boat Ramp	Obtain approval and permits and construct and install 125m of 0.5m high seawall (Near Air Sea Rescue)	Design complete	4		Future Job	✓
45229	F	North Street Redland Bay Revetment Wall	Demolish and reconstruct a rip rap revetment wall for the length of wall indicated in FS. Full extent of works to be determined on initial site visit.	Pre design phase	5		Future Job	✓
45719	F	Wilson Esp Opp Barron St Foreshore Access Stairs Vic Pt	Provide safe access to beach and foreshore by providing concrete stairs complete with handrails	On hold by Client	4		Future Job	
<b>LATM'S</b>								
40159	F	Orana St Intersection Improvements	Install 2 precast traffic islands with pavement markings and signs	Design phase	4		Future Job	✓
45892	F	Daveson/ Old C'land Rd East - Path Extension	Extend footpath and install/re-align new pram ramps at the intersection	Design Complete	9		Future Job	✓
<b>Marine SMBI</b>								
40063	F	Macleay Island Bowls Club Seawall	Construct seawall along western boundary of club. Job scheduled to coincide with J/N 45481 - Foreshore Access Stairs - Kalara St.	Pre design phase	5		Future Job	✓



Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
45233	F	Upgrade Russell Island Berthing Piles	Upgrade 2 eastern and inner western berthing piles at barge ramp on Russell Island as indicated on the FS.	Pre procurement phase	5		Future Job	✓
<b>Marine Mainland &amp; NSI</b>								
40033	F	Dunwich Barge Traffic Management - Junner St	Negotiation with stakeholders regarding lease areas and trades offs. Agreement on layout redesign.	On hold by Client	2		Future Job	
40035	F	Moores Road Boat Ramp Resurfacing	Resurfacing of the Moores Rd Boat Ramp using standard toe planks as per the Queensland Transport Standard Design Drawings Supplied.	Design Phase	5		Future Job	✓
40137	F	William Street Boat Ramp Extra CTU Parking	Design CTU Parking as extension to existing parking at William St boat ramp. Design to work with new boat ramp (Job 42318) Channelised traffic should be able to flow between ramps and parking areas. CTU Parking concept attached to FS.	Pre design phase	2		Future Job	✓
42318	F	William Street Southern Ramp	Construct a 2 lane boat ramp on the southern side of the VMR facility at William St boat Haven as per Qld Transport Standard Specs.	Pre design phase	2		Future Job	✓
45252	F	Weinam Creek Walkway & Pontoon Redland Bay	removal of current pontoon & walkway, install alternative pontoon & walkway	Design complete	5		Future Job	✓
<b>Open Space Trunk Infrastructure</b>								
40103	F	Water bubblers/taps Upgrade Bellini Court Park, Alexandra Hills	Install a new water bubbler	Design complete	7		Future Job	✓
40104	F	Water bubblers/taps Upgrade Chantelle Court Park, Capalaba	Upgrade existing tap with a new water bubbler	Design complete	9		Future Job	✓
40105	F	Water bubblers/taps Upgrade Jasper St Park, Alexandra Hills	Upgrade existing tap with a new water bubbler	Design complete	8		Future Job	✓
40106	F	Water bubblers/taps Upgrade Macfarlan St Park, Birkdale	Upgrade existing tap with a new water bubbler	Design complete	10		Future Job	✓
40107	F	Water bubblers/taps Upgrade Sylvania St Park, Wellington Point	Upgrade existing tap to water bubbler	Design complete	8		Future Job	✓
40111	F	John Fredericks Park Shade	Detailed design for shade through out the park (natural and structured)Env Mgmt consult on location and type of trees for remediation Plans.	Pre design phase	9		Future Job	✓
40151	F	W/Bubbler Skinner Ave, Wellington Pt	Installation of Water bubbler and Anti Vandal Tap	Design phase	8		Future Job	✓
40152	F	W/Bubbler Babiana St Park, Alex Hills	Upgrade existing tap to water bubbler	Design phase	8		Future Job	✓
40153	F	W/Bubbler Crotona Rd East Park, Alex Hills	Installation of Water Bubbler, tap and Dog Bowl	Design phase	9		Future Job	✓
40154	F	W/Bubbler Goodge Crt Park, Birkdale	Installation of Water Bubbler, tap and Dog Bowl	Design phase	8		Future Job	✓
40155	F	W/Bubbler Lobelia St Park, Birkdale	Installation of Water bubbler and Dog Bowl	Design phase	10		Future Job	✓
40156	F	W/Bubbler O'Gorman St Park, Alex Hills	Upgrade 2 taps to water bubblers	Design phase	7		Future Job	✓
40163	F	Crystal Waters Wetlands Thornlands	New concrete pathway, seating and upgrade existing playground equipment	Pre design phase	3		Future Job	✓
41793	F	Valentine Park Stage 1	To remove old play equipment, supply and install as per design brief. As per Valentine Park Master Plan District Park Standards.	Pre design phase	8		Future Job	✓
42109	F	Upgrade Cleveland Ramp Park	Technical Feasibility & Construction doc & major upgrade of an established ramp (skate) park	Pre design phase	2		Future Job	✓
42116	F	Pinklands Sporting Complex Carpark	Stage 1 - Concept Design of parking layout. Stage 2 - Community Engagement. Stage 3 - Detailed design.	Design phase	4		Future Job	✓
<b>Parks &amp; Conservation</b>								

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
45867	F	Water Bubblers/taps Upgrade- Winter Memorial - 53 Mount Cotton Rd	Install water bubblers where required or upgrade existing with anti vandalism fitting.	On hold by Client	9		Future Job	
45871	F	Water Bubblers/taps Upgrade - Bellini Court, Alex Hills	Install water bubblers where required or upgrade existing with anti vandalism fitting.	On hold by Client	7		Future Job	
45875	F	Water Bubblers/taps Upgrade - Macfarlan St - Upgrade	Install water bubblers where required or upgrade existing with anti vandalism fitting.	On hold by Client	10		Future Job	
<b>Paths &amp; Trails</b>								
40161	F	Wellington St Cleveland Pathway	Construct 240m long pathway along western side of road, cnr Russell St (in front of the Fire Station) past the SES building and the Ambulance station and joining into the existing concrete path in front of the retirement village.	Design Phase	2		Future Job	✓
40162	F	Beveridge Road Rachow to Eprapah	Design & Construct 2.5m cycleway to link to new Moreton Bay Cycleway Bridge	Pre design phase	4		Future Job	✓
40164	F	Osprey Dve Thornlands Pedestrian Path	Construct 880m path over 2 stages.	Pre design phase	3		Future Job	✓
40165	F	Burnett St Wellington Pt - Pedestrian Path	Construct 205m long path between Edith and Station Sts	Pre design phase	1		Future Job	✓
41920	F	Ferry Road New Boat Ramp	Conceptual Design at this time. As per specifications supplied.	Design phase	10		Future Job	✓
45557	F	Pt Halloran Rd, Victoria Point	Orana Esp. to Lakefield Dr - east side (inc. road edge)	Design complete	4		Future Job	✓
45558	F	Esplanade, Redland Bay	Banana St to Esplanade existing path (sth of Peel St)	Design complete	5		Future Job	✓
45559	F	Main Rd Path, Wellington Pt	On road bikeway	Design complete	1		Future Job	✓
45563	F	Wellington St, Cleveland	Russell to Queen St (west side)	Design complete	2		Future Job	✓
45850	F	Illidge Road, Victoria Point - Pathway	Construct 2.5 m shared pathway Western side Illidge Rd, Vic Pt. 170m along Nottingham Dr and Regency St through to School Rd.	Design complete	4		Future Job	✓
45851	F	Cavell Street, Birkdale - Pathway	Construct 1.5 m pathway south of Cavell St, Birkdale extending 700m from Birkdale Rd to Bath St.	Design Complete	10		Future Job	✓
45862	F	Pathway - Wellington Point School	2.5m concrete pathway approx 250m in length, connecting the existing shared pathway at the southern end of 347-371 Birkdale Rd, Wellington Point with a bridge crossing over drainage, and extending to Wharton Street.1	Design complete	1		Future Job	✓
46099	F	Anita Street, Redland Bay	Install correct standard handrails on pedestrian footbridge	Pre design phase	5		Future Job	✓
42258-2	F	Brosnan Drive Capalaba Pathway - Stage 2	To construct 1.8 wide path along southern side Brosnan Dr from Barber Dr to Northern Parkland.	Design complete	9		Future Job	✓
<b>Raby Bay Revetment Wall</b>								
42092	F	Mainroyal Crt Cleveland (Raby Bay)	Raby Bay Revetment Wall	Design complete	2		Future Job	✓
46045	F	Seacrest Crt Cleveland (Raby Bay) (24,25&26) Revetment Wall Repairs	Revetment Wall remedial works at Lots 24, 25 & 26.To RCC Standard. Design must stabilise revetment wall slip circle. Concrete revetment reinstated to design height and alignment.	Design phase	2		Future Job	✓
<b>Reseals &amp; Resurfacing</b>								
46106	F	AO - Wimborne Road Alex Hills	Vienna Rd - Redruth Road	Pre procurement phase	7		Future Job	✓
46137	F	AO - Bay Street Cleveland	Arlington St - Brief St	Pre procurement phase	2		Future Job	✓
46141	F	AO - Langdon Street Cleveland	Beach St - South St	Pre procurement phase	3		Future Job	✓
46142	F	AO - Long Street Cleveland	Bloomfield St - Smith St	Pre procurement phase	2		Future Job	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
46145	F	AO - McLeod Street Cleveland	Beach St - South St	Pre procurement phase	3		Future Job	✓
46146	F	AO - Ocean Street Cleveland	Bloomfield St - Fitzroy St	Pre procurement phase	3		Future Job	✓
46147	F	AO - Shore St North Cleveland	Paxton St - William St	Pre procurement phase	2		Future Job	✓
46157	F	AO - Northern Arterial Road Ormiston	Wellington St - Sturgeon St	Pre procurement phase	1		Future Job	✓
46163	F	AO - Christopher Street Redland Bay	Serpentine Creek Rd - End	Pre procurement phase	5		Future Job	✓
46164	F	AO - Janita Street Redland Bay	Torquay Rd - Cul-de-sac	Pre procurement phase	5		Future Job	✓
46165	F	AO - Junee Street Redland Bay	Shanahan St - End	Pre procurement phase	5		Future Job	✓
46166	F	AO - Lisa Street Redland Bay	Torquay Rd - Cul-de-sac	Pre procurement phase	5		Future Job	✓
46167	F	AO - McWilliam Street Redland Bay	Torquay Rd - Phillip St	Pre procurement phase	5		Future Job	✓
46168	F	AO - Sandra Court Redland Bay	Torquay Rd - Cul-de-sac	Pre procurement phase	5		Future Job	✓
46171	F	AO - Tina Street Redland Bay	Torquay Rd - Phillip St	Pre procurement phase	5		Future Job	✓
46172	F	AO - Torquay Road Redland Bay	McWilliam St - End	Pre procurement phase	5		Future Job	✓
46173	F	AO - Wilkie Street Redland Bay	Torquay Rd - Cul-de-sac	Pre procurement phase	5		Future Job	✓
46185	F	AO - Island Lookout Avenue Thornlands	Cleveland/Redland Bay Rd- Vintage Dr	Pre procurement phase	3		Future Job	✓
46188	F	AO - Alison Street Victoria Point	Sutton St - Cul-de-sac	Pre procurement phase	4		Future Job	✓
46190	F	AO - Chestnut Crescent Victoria Point	Sycamore Pde - Sycamore Pde	Pre procurement phase	4		Future Job	✓
46196	F	AO - Link Road Victoria Point	Benfer Rd - Colburn Ave	Pre procurement phase	4		Future Job	✓
46203	F	AO - Poinciana Avenue Victoria Point	Benfer Rd - Magnolia Pde	Pre procurement phase	4		Future Job	✓
46210	F	AO - Regal Court Victoria Point	Sunshine St - End	Pre procurement phase	4		Future Job	✓
46212	F	AO - Sunshine Street Victoria Point	East - West	Pre procurement phase	4		Future Job	✓
46213	F	AO - Sutton Street Victoria Point	Link Rd - Sunshine St	Pre procurement phase	4		Future Job	✓
46219	F	AO - Bagden Road Wellington Point	Birkdale Rd - Hardy Rd (Bridge)	Pre procurement phase	1		Future Job	✓
46220	F	AO - Chermside Street Wellington Point	Roberts St - Jacob St	Pre procurement phase	1		Future Job	✓
46221	F	AO - Chermside Street Wellington Point	Roberts St - Valley Rd	Pre procurement phase	1		Future Job	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
46222	F	AO - Collingwood Road Wellington Point	Hardy Rd - Pitt Rd	Pre procurement phase	8		Future Job	✓
46223	F	AO - Hardy Road Wellington Point	Bagden Rd (Bridge) - Marlborough Rd	Pre procurement phase	1		Future Job	✓
46224	F	AO - Hardy Road Wellington Point	Marlborough Rd - Collingwood Rd	Pre procurement phase	1		Future Job	✓
46225	F	AO - Harris Street Wellington Point	Herbert St - Cul-de-sac	Pre procurement phase	1		Future Job	✓
46226	F	AO - Harris Street Wellington Point	Herbert St - Fernbourne Rd	Pre procurement phase	1		Future Job	✓
46227	F	AO - Harris Street Wellington Point	Cul-de-sac - End	Pre procurement phase	1		Future Job	✓
46228	F	AO - Pitt Road Wellington Point	Collingwood Rd - Nelson Rd	Pre procurement phase	1		Future Job	✓
40132	F	AO - Sand Street - Ormiston	Raby Esplanade to End	Pre procurement phase	1		Future Job	✓
42039	F	AO - Sea View Road, Mt Cotton	Mt Cotton Road to End	On hold by Client	6		Future Job	
42221	F	MLA - Karingal Road, Mt Cotton	Micro lift Asphalt Karingal Road Mt Cotton from Mt Cotton Rd to dead end	Pre procurement phase	6		Future Job	✓
45974	F	AO - Thorneside Road - Thorneside	John Street to Leon Street	Pre procurement phase	10		Future Job	✓
46000	F	AO - Avalon Road - Sheldon	Mount Cotton Road to House number 30	Pre procurement phase	6		Future Job	✓
46057	F	AO - Marlborough Road, Wellington Point	Main Rd to Birdwood Rd	Pre procurement phase	1		Future Job	✓
46058	F	AO - Cowley Street, Ormiston	Gordon St to Raby Esp	Pre procurement phase	1		Future Job	✓
<b>Residential Street Upgrade Program</b>								
40094	F	Frederick St Wellington Pt	Install K&C Frederick and Edith Sts, catchpits & drainage works	Pre design phase	1		Future Job	✓
41210	F	Beach Street, Cleveland	McLeod to Koala Reserve	Design complete	3		Future Job	✓
45764	F	Starkey Street Widening	Starkey Street Carpark Upgrade	Design complete	1		Future Job	✓
<b>SMBI Reserve</b>								
40999	F	High Central Park, Macleay Island	1. Temporary Fence 2. Structural Report on existing building 3. Environmental Site Assessment	Pre construction	5		Future Job	✓
45447	F	Sports Park Development Russell Island	Designs for soccer field, multipurpose courts, carparking, pathways, stormwater & upgrade Union St	Pre design phase	5		Future Job	✓
45827	F	Panorama Street, Russell Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45829	F	Vine Street, Macleay Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45830	F	Bluewater Crescent, Macleay Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45831	F	Borrow St (part) & Bunnings St, RI	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45832	F	Coast Road, Macleay Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45833	F	Hawthornden Drive, RI	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45834	F	Lau Street, Russell Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45835	F	Lemontree Drive, Macleay Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45836	F	Leonie Crescent, Lamb Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45837	F	Lovell Parade, Lamb Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓

Job #	Current Future	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
45838	F	Melaleuca Drive, Lamb Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
45839	F	Noon-Muckle Street, Macleay Island	SMBI Road Sealing	Pre design phase	5		Future Job	✓
<b>Sport &amp; Recreation</b>								
41099-2	F	Pt Lookout Hall - Path & Viewing Platform	Design & Project Mgmt of boardwalk & viewing platform. Stage 2	Design phase	2		Future Job	✓
42113	F	EGW Woods Sportsfield Carpark Anson Rd Wellington Point	Revised Functional Scope. A sealed car park behind Tennis Courts.	Design phase	1		Future Job	✓
45213	F	Cleveland Aquatic Ctr Carpark Reseal - Delancey St Cleveland	Reseal to the Aquatic Centre Car park	Design complete	2		Future Job	✓
45841	F	Sportsfield Lighting (Redlands Soccer) Cleveland	Provide lighting to Soccer field 3 at Cleveland Showgrounds	Pre design phase	2		Future Job	✓
45856	F	Security Improvements - pathway lighting EGW Wood Wellington Point	Safety lighting along the newly constructed netball courts from the carpark.	Design complete	1		Future Job	✓
81135	F	Duncan Road Baseball Carpark Sheldon	Duncan Road Car Park (baseball club) next to existing carpark	On hold by Client	7		Future Job	
<b>Transport Trunk Infrastructure</b>								
45442	F	Panorama Drive, Thornlands (Design Only)	Four laning between Boundary Road and South of Goddard Road Intersection	Design complete	3		Future Job	✓
45554	F	Panorama/Wellington St Intersection (Design Only) Thornlands	Upgrade of road from 2 to 4 lanes between South St & Goddard Rd (excluding upgrade of Goddard Rd Intersection)	On hold by Client	3		Future Job	
45607	F	Collins Street, Redland Bay (Design Only)	Construct a section of Collins Road - Widening from 2-4 lanes.	Design phase	5		Future Job	✓
45755	F	Pinklands Sporting Complex Entrance Thornlands	Upgrade entrance into Sporting complex	Design phase	4		Future Job	✓
<b>Operational Jobs</b>								
30002	F	Black Swamp Pond Construction	Construction of a permanent pool of water at weir and drainage channels through swamp to improve drainage of wetland.	Design Phase	2		Future Job	✓
30006	F	Balance Survey Plan of Lot 130 on SL13002	Preparation of a balance survey plan for Lot 130 on SL13002 as requested by DERM	Survey phase	2		Future Job	✓
30464	F	Adder Rock to Home Beach, Pt Lookout	Trail construction and sleeper steps - 2 locations	Design complete	2		Future Job	✓
70628	F	DCDB - Non Urban areas of NSI	Update the DCDB for the Non Urban areas of NSI	Survey phase	2		Future Job	✓
<b>Not Lead Agent</b>								
40023	F	Showgrounds - Electrical Upgrade	Electrical Upgrade as per the recommendations of the Ashburner Francis Report. (Supplied).	Returned to Client	2	N/A	N/A	
40025	F	Cleveland Showgrounds Refurbish Public Amenities	To refurbish the amenities block to the north of the Touch Football Club at Cleveland Showground. Detailed requirements for fittings etc to be provided in due course.	Returned to Client	2	N/A	N/A	
40081	F	Wellington Pt Village Green	Waiting on scope of works based on the Wellington Point Village Green Landscape Master Plan.	Returned to Client	1	N/A	N/A	
40099	F	Dog off leash areas - Raby Esplanade Park, Ormiston	To construct a fully fenced dog off leash area with seating, signage, bin and bag dispenser and water bubbler.	Returned to Client	1	N/A	N/A	
40100	F	Dog off leash beach - Karragarra Island	To construct a dog off leash beach with signage, bin and bag dispenser as well as a water bubbler if possible.	Returned to Client	5	N/A	N/A	
40101	F	Dog off leash beach - Macleay Island	To construct a dog off leash beach with signage, bin and bag dispenser as well as a water bubbler if possible.	Returned to Client	5	N/A	N/A	
45789	F	South Sea Tce Park	Technical Feasibility Check and construction documentation package prepared based upon OSPU landscape design	On hold by Client	5		Future Job	

Job #	<u>C</u> urrent <u>F</u> uture	Project Name	Brief Description	Current Status	Div #	Target Start Quarter	Target Finish Quarter	Status Rating
45790	F	Jock Kennedy Park Russell Island	Technical Feasibility check an deconstruction documentation package prepared based upon OSPU landscape design	On hold by Client	5		Future Job	
42171	F	Cleveland Showground Improvements (was Job 81129)	Detailed Designs & Cost Estimate for realignment of existing road in showgrounds adjacent to Museum to allow for Museum expansion.	Returned to Client	2	N/A	N/A	
<b>Received, Not Yet Accepted</b>								
10268	F	Cleveland Cemetery Master Plan	Landscaping and garden edging at Cleveland Cemetery	Received Yet to be Accepted	2		Future Job	

**Acronym descriptions**

RLCIP1 - Regional & Local Community Infrastructure Program - Round 1

AO - Asphalt Overlay

MLA - MicroLift Asphalt

LATM - Local Area Traffic Management

SP - Scalping Program

CPTED - Crime Prevention Through Environmental Design

SRWF - Sustainable Resource & Waste Facility

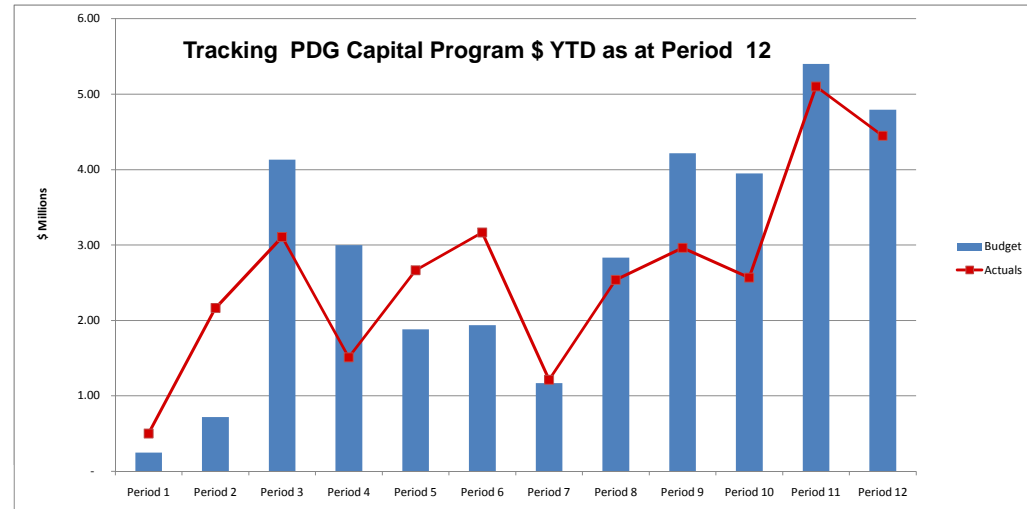
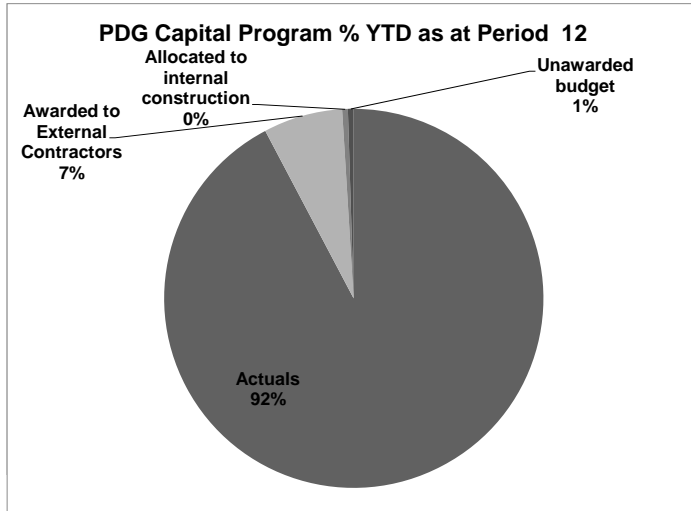
MBC - Moreton Bay Cycleway

D&C - Design & Construct

**Definitions**

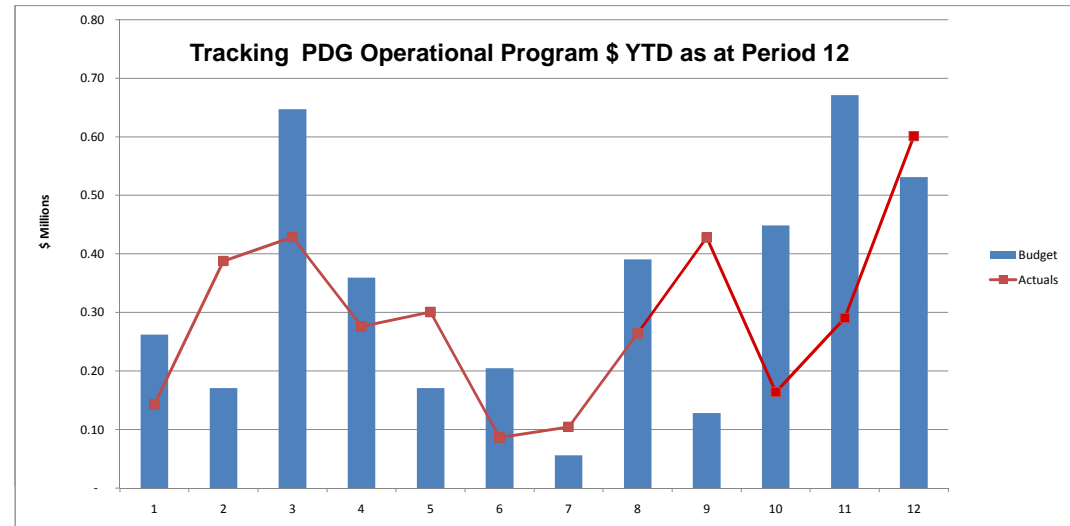
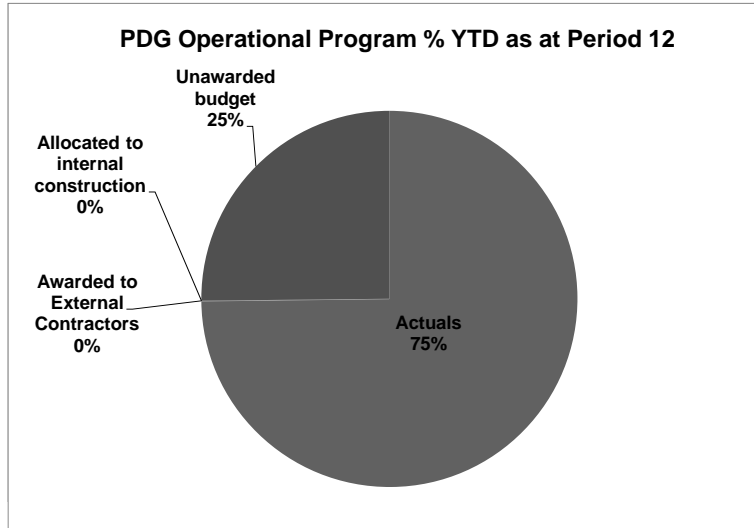
Project complete - practical & financial completion

Construction complete - practical completion only



DEFINITIONS	
Actuals	Actual dollars Spent Year to date.
Awarded to external contractors	YTD Budget assigned for projects undertaken by External Contractors
Allocated to Internal Construction	YTD Budget assigned to cover the costs for projects undertaken by Council's Construction Project Unit (CPU)
Unawarded Budget	Balance of Annual Budget yet to be awarded - includes administrative budgets

ANALYSIS OF GRAPH'S
PDG Revised annual budget is <b>\$34.3M</b>
PDG Actuals as of Period 12 (June 2010) <b>\$32M</b>
Awarded to external contractors and assigned to internal construction Year to date <b>\$2.2M</b>
Unawarded Budget Year to date <b>\$170K</b>



DEFINITIONS	
Actuals	Actual dollars Spent Year to date.
Awarded to external contractors	YTD Budget assigned for projects undertaken by External Contractors
Allocated to Internal Construction	YTD Budget assigned to cover the costs for projects undertaken by Council's Construction Project Unit (CPU)
Unawarded Budget	Balance of Annual Budget yet to be awarded - includes administrative budgets

ANALYSIS OF GRAPH'S
PDG Revised annual budget is <b>\$4M</b>
PDG Actuals as of Period 12 (June 2010) <b>\$3.4M</b>
Awarded to external contractors and assigned to internal construction Year to date <b>\$Nil</b>
Unawarded Budget Year to date <b>\$566K</b>



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**13.1.3 2010/11 PROJECTS OVER \$500,000 INCLUDING GST - DELEGATED AUTHORITY**

**Dataworks Filename:** 40088; 46044  
**Responsible Officer Name:** Bradley Salton  
Acting Group Manager, Project Delivery Group  
**Author Name:** Greg Finlay  
Service Manager, Project Management Services Unit

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**EXECUTIVE SUMMARY**

The 2010/2011 approved Capital & Operational Works Programs consists of a number of projects with an estimated tender component value over \$500,000 including GST. These projects will be tendered as a whole project.

To assist with expediting the contract award process and delivery of projects, the Project Delivery Group has been presenting reports to Council over the last few financial years requesting that authority be delegated to the Chief Executive Officer to make, vary and discharge contracts for various tenders with a value over \$500,000 including GST.

In the 2009/2010 financial year a report advising of 4 projects requiring tenders with an estimated value over \$500,000 including GST was presented to Council seeking the CEO be delegated authority to accept the tenders and make, vary and discharge all contracts over \$500,000 including GST. The report was approved by Council and the delegated authority was granted.

In the 2010/2011 financial year the Project Delivery Group has identified 2 projects that will require tenders to be sought with an estimated value over \$500,000 including GST.

This report recommends that the Chief Executive Officer be delegated authority to accept the tenders and make, vary and discharge all contracts over \$500,000 including GST for the following listed projects within the 2010/2011 financial year approved budget.

<b>Project Number</b>	<b>Project Name</b>
40088	Point Lookout Gorge Boardwalk Stage 2
46044	95 -105 Masthead Drive

This delegation will assist Council by reducing the timeframe for the tender process so that the awarding of the contract is not dependent on Council meeting dates which will expedite the process.

## PURPOSE

The purpose of this report is to seek resolution from Council to delegate authority to the Chief Executive Officer to accept the tenders and make, vary and discharge all contracts over \$500,000 including GST for the following listed projects within the 2010/2011 financial year approved budget.

<b>Project Number</b>	<b>Project Name</b>
40088	Point Lookout Gorge Boardwalk Stage 2
46044	95 -105 Masthead Drive

## BACKGROUND

The 2010/2011 approved Capital & Operational Works Programs consists of a number of projects with an estimated tender component value over \$500,000 including GST. These projects will be tendered as a whole project.

At the General Meeting held 30 October 2002 Council delegated authority to the Chief Executive Officer (CEO) to make, vary and discharge contracts that do not exceed \$500,000 including GST where:

- i) the spending of funds to be incurred by making, varying or discharging the contract has been provided for in an approved budget for the financial year when the making, varying or discharging happens, or
- ii) the spending of funds to be incurred have been provided for in a budget pending the adoption by Council (section 522 of the Local Government Act).

Over the last few financial years the Project Delivery Group has been presenting reports to Council requesting that authority be delegated to the Chief Executive Officer to make, vary and discharge contracts for various tenders with a value over \$500,000 including GST. This process has been used to assist with expediting the contract award process and delivery of the project.

In the 2009/2010 financial year a report advising of 4 projects requiring tenders with an estimated value over \$500,000 including GST was presented to Council seeking the CEO be delegated authority to accept the tenders and make, vary and discharge all contracts over \$500,000 including GST. The report was approved by Council and the delegated authority was granted.

In the 2010/2011 financial year the Project Delivery Group has identified 2 projects that will require that tenders to be sought with an estimated value over \$500,000 including GST.

## ISSUES

It is anticipated that in the 2010/2011 financial year, under the current process of seeking delegated authority for individual projects, that 2 individual reports on projects with tenders with an estimated value over \$500,000 including GST would be presented to Council by the Project Delivery Group seeking Council resolution to delegate authority to the CEO to make, vary and discharge the individual contracts.

Council resolution is being sought to delegate authority to the CEO to make, vary and discharge the contracts associated with the 2 projects listed in the table below. This one resolution will cover all of the contracts over \$500,000 including GST that are awarded for the projects listed.

Project Number	Project Name and Description	Estimated Value of Tender 2010/2011
40088	<b>Point Lookout Gorge Boardwalk (Stage 2)</b> Boardwalk Construction at Point Lookout, North Stradbroke Island	\$800,000
46044	<b>95 - 105 Masthead Drive</b> Revetment wall repairs to properties located at 95 to 105 Masthead Drive, Cleveland (Raby Bay)	\$1,885,860

This delegation will assist Council by reducing the timing for the tender process so that the awarding of the contract is not dependent on Council meeting dates which will expedite the process.

All of the projects listed are to be managed by the Project Delivery Group in the 2010/2011 financial year and have been approved as part of the 2010/2011 budget approval process. The projects listed include both capital works and major operational works.

Should Council decide not to delegate authority to the Chief Executive Officer it may result in delays with the awarding of contracts and the construction of the projects which could lead to additional costs to Council.

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's Strategic priority:

Outcome 9 **“An efficient and effective organisation”** - Council is well respected and seen as an excellent organisation which manages resource in an efficient and effective way.

9.7 Develop our procurement practices to increase value for money within an effective governance framework

## FINANCIAL IMPLICATIONS

All the listed projects in this report are approved projects for the 2010/2011 financial year and have been approved as part of the budget approval process.

## PLANNING SCHEME IMPLICATIONS

It is considered that the outcome of recommendations in this report will not require any amendments to the Redlands Planning Scheme.

## CONSULTATION

The Senior Tenders and Contracts Officer, the Acting Group Manager, Project Delivery Group and the General Manager, Customer Services have been consulted in the preparation of this report and are supportive of the recommendation.

## OPTIONS

### PREFERRED

That Council resolve to:

1. Delegate authority to the Chief Executive Officer to accept the tenders and make, vary and discharge all contracts over \$500,000 including GST for the following listed projects within the 2010/2011 financial year approved budget.

Project Number	Project Name
40088	Point Lookout Gorge Boardwalk Stage 2
46044	95 -105 Masthead Drive

2. Delegate authority to the Chief Executive Officer to sign and amend all relevant documentation.
3. Appoint the Chief Executive Officer as Principal's Representative for these contracts.
4. Authorise the Chief Executive Officer to delegate further the Principal's Representative role to an appropriate senior officer within Council.

### ALTERNATIVE

That Council resolve to not delegate this authority to the Chief Executive Officer which may result in delays with the awarding of contracts and the construction of the projects which could lead to additional costs to Council.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolve as follows:**

1. To delegate authority to the Chief Executive Officer to accept the tenders and make, vary and discharge all contracts over \$500,000 including GST for the following listed projects within the 2010/2011 financial year approved budget.

Project Number	Project Name
40088	Point Lookout Gorge Boardwalk Stage 2
46044	95 -105 Masthead Drive

2. To delegate authority to the Chief Executive Officer to sign and amend all relevant documentation.
3. To appoint the Chief Executive Officer as Principal's Representative for these contracts.
4. To authorise the Chief Executive Officer to delegate further the Principal's Representative role to an appropriate senior officer within Council.

**CARRIED**

**13.1.4 MONTHLY REPORT FOR OPERATIONS AND MAINTENANCE GROUP**

**Dataworks Filename:** Gov Reports to Committee - Operations and Maintenance (OPM)

**Attachment:** [Operations and Maintenance – June 2010](#)

**Responsible Officer Name:** Lex Smith  
Manager Operations and Maintenance

**Author Name:** Tracy Carrick  
Group Administration Co-ordinator

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**EXECUTIVE SUMMARY**

The core activities of the Operations and Maintenance Group are contained within this report and cover the period 1 June to 30 June 2010.

- The Roads and Drainage Maintenance Unit;
- Parks and Conservation Unit;
- Environmental Education Unit; and
- Waste Unit

have all contributed to this report.

The Waste Management Unit is a type 2 business unit and this report will provide Council with a monthly update and on a quarterly basis the unit will report its performance against the Key Performance Indicators in the business performance plan.

**PURPOSE**

To provide information to Council on the activities undertaken by the Operations and Maintenance Group and on a quarterly basis report on the performance of the Waste Business Unit against key performance indicators.

**BACKGROUND**

The Operations and Maintenance Group undertakes the day to day operational activities of environmental education and environmental extension programs, the maintenance and operation of Council's waste collection and disposal facilities, the maintenance of roads, drains, marine and quarry facilities and the maintenance of Council's parks reserves and assets. This range of activities is undertaken by Council's day labour and contractor workforce.

The group generally operates between the hours of 7am to 4.45 pm weekdays with an on call service for after hours, however the environmental education operates 6 days per week and many evenings, with the waste facilities operating 7 days per week.

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**ISSUES****ROADS AND DRAINAGE UNIT – Unscheduled Activities and Significant Events****Graffiti**

83 Instances, including 15 Street Signs

**Vandalism**

188 Instances, including 120 Street Signs

**Illegally Dumped Refuse**

12 Instances recorded – totalling 15m<sup>3</sup> at a cost to dispose of approx \$2024.82

**Activities Status**

Nil comments – All Activities on target.

**PARKS AND CONSERVATION UNIT– Unscheduled Activities and Significant Events****Graffiti**

96 Instances of graffiti rectified.

**Vandalism**

0 instances of vandalism rectified.

**Illegally Dumped Refuse**

3 incidences – total 1.5m<sup>3</sup> – cost to dispose - \$236.00.

**Activities Status****ENVIRONMENTAL EDUCATION UNIT– Unscheduled Activities and Significant****Events**

- Indigi Day Out held with great success – 5500 people attending over the weekend.
- Fish N Creeks community fun day.

**IndigiScapes**

- New entrance signage and directional signage on walking tracks installed.

- New 'weed' garden planted and interpretive signage installed.
- New interpretive display on native plants constructed inside atrium on wall.

#### **Wildlife Issues**

- Still issues with dispersing Flying Fox camps - new camps at Coochie, Birkdale, Thorneside.
- Pan Da the koala died.
- Procession Caterpillars active - associated with early abortion in horses and providing more incentive for tree removal from horse properties.
- Issues with people cutting leaf from community and roadside plantings - letter written and will be sent to all our registered wildlife carers.

#### **Activities Status**

Nil comments – All Activities on target.

#### **WASTE UNIT**

##### ***Complaints***

No odour dust or noise complaints.

##### **Site Reports**

###### ***Birkdale Landfill and Transfer Station***

Odour control systems that were implemented during May including the installation of odour suppression equipment on the contractor's excavator that uncovers the waste each morning, appears to have reduced odour impacts. The odour 'fence' installation has also been completed and tested and also appears to be effective at reducing odours. During a test run odour suppressant system, the suppressant could be detected approximately 300m from the landfill, in the residential area to the north of the site.

An aerial survey of the site was undertaken on 15 June 2010. The quarterly survey confirmed that there is approximately 180,300m<sup>3</sup> of void space (capacity) left in the landfill. Considering that volume discounts to large commercial operators is not being offered in the 2010/11 financial year, the quarterly void space used is estimated to drop from around 22,240m<sup>3</sup> per quarter to 17,600m<sup>3</sup> per quarter, therefore extending the estimated closure date of the landfill to mid to late October 2012.

###### ***Redland Bay Waste Transfer Station***

Council has applied for a Development Approval (licence) for the Redland Bay Waste Transfer Station, as under the Environmental Protection Regulation 2008, the transfer station triggers the threshold for a waste transfer station requiring a licence.

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Council has applied for a Development Approval (licence) for the Redland Bay Waste Transfer Station, as under the Environmental Protection Regulation 2008, the transfer station triggers the threshold for a waste transfer station requiring a licence.

All operations have been continuing as normal.

#### ***Giles Rd Hardfill site***

A survey of the site was undertaken on 18 June 2010. The survey confirmed that there is approximately 23,000m<sup>3</sup> of void space (capacity) left in the landfill. This equates to approximately 2 years of filling at current filling rates and therefore the landfill is expected to close in mid to late July 2012.

All operations have been continuing as normal.

#### ***North Stradbroke Island Waste Transfer Stations***

All operations have been continuing as normal.

#### ***SMBIs and Coochiemudlo Island Waste Transfer Stations***

All operations have been continuing as normal.

### **Waste Education Activities**

#### **June 2010**

##### Highlights of the month

- 29 Education Visits were conducted on behalf of Redland City Council this month. These visits reached over 1,200 students, teachers and members of the community with key messages about waste minimisation.
- A new excursion package was developed and delivered that allowed 75 grade one students from Faith Lutheran Collage to investigate waste minimisation and waste disposal first hand. This new program included both pre and post-visit lessons to ensure students' understanding of such a complex issue was reinforced.
- The excursion included a stop at the closed landfill at Judy Holt Park as well as to the working landfill and Waste Transfer Station at Birkdale. Feedback from the school has been overwhelmingly positive. The lessons continued with the collaboration of IndigiScapes Education Officer, Ruth Vickery, who ran afternoon sessions on flora and fauna with the year ones on site at IndigiScapes.
- A new program was developed and delivered with the collaboration of the Young Citizens Program (YCP) Community Program Officer, Suzanne Marshall, called 'Hot Potato'.

- This lesson was structured to educate students on local government, whilst also covering the issue of litter in the Redlands. Positive feedback from these four lessons that were trialled at Ormiston College included:
  - “The role playing was a great activity to step students through the process of local government.”
  - “The presenters spoke at an appropriate level for the students and kept the lesson moving, maintaining interest.”
  - New information was brought to light for the students during the lesson. The extra session on waste minimisation was interesting and well presented.”
  - “Overall, the lesson was well received by the students and fit in nicely with the year 7 curriculum. Well done.”
  
- Two worm farms were set up at schools as part of a lesson on organic waste minimisation. The classes can now make use of and maintain the worm farm, successfully diverting waste from landfill.
  
- Council’s ‘Fun in the Parks’ Winter extravaganza went ahead over the school holidays once again. Waste Education Officer Claire Boyce ran nature walks (investigating litter and wildlife) as well as recycling craft activities, a recycling relay race and a waste minimisation display. Despite the cold, numbers were good and some of the positive feedback from some of the children included:
  - “Recycling craft with Claire (enjoyed the most).”
  - “The recycle relay (was my favourite)”

#### Locations of visits

- Capalaba State School (2) – Outside School Hours Care
- Victoria Point Seniors – Community Group
- Dunwich State School (2) – Year 7 Environmental Club and Teachers
- Faith Lutheran College (5) – Year 1
  
- IndigiScapes (4) – Community Event
- Redland City Council Fun in the Park (10) – at various Council locations
- Ormiston College (5) – Year 7

#### **Activities Status**

##### ***Landfill Gas Engine and Electricity Generator***

The Landfill Gas / Renewable Energy Facility has been commissioned and is now generating electricity. Some minor landscaping works are yet to be completed,

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however, are expected to be completed over the next month to allow for an official opening in August or September 2010.

## RELATIONSHIP TO CORPORATE PLAN

The activities undertaken within this report primarily support Council's following outcomes:

Outcome 1: “**Healthy natural environment**” - A diverse and healthy natural environment, with an abundance of native flora and fauna and rich ecosystems will thrive through our awareness, commitment and action in caring for the environment.

Outcome 2: “**Green Living**” – Our green living choices will improve our quality of life and our children’s lives, through our sustainable and energy efficient use of resources, transport and infrastructure, and our well informed responses to risks such as climate change.

Outcome 3 “**Embracing the Bay**” – The benefits of the unique ecosystems, visual beauty, spiritual nourishment and coastal lifestyle provided by the islands, beaches, foreshores and water catchments of Moreton Bay will be valued, protected and celebrated.

## FINANCIAL IMPLICATIONS

The Operation and Maintenance Group is within budget.

## CONSULTATION

This report was prepared in consultation with Unit Service Mangers and numerous staff within the Operations and Maintenance group.

## OFFICER’S RECOMMENDATION

That Council resolve to note the report.

## COMMITTEE DISCUSSION

For clarity, Committee agreed to make the following amendments to the report:

1. To amend dot point 3 under ‘**Wildlife Issues**’ to read as follows:
  - *Procession Caterpillars active – associated with early abortion in horses and providing more information to horse properties.*
2. To amend the second paragraph under ‘**Redland Bay Waste Transfer Station**’ to read as follows:

*Council has applied for a Development Approval (licence) for the existing Redland Bay Waste Transfer Station, as under the Environmental Protection Regulation 2008, the transfer station triggers the threshold for waste transfer station requiring*

*a licence. (The licence application for Redland Bay Waste Transfer Station is for the existing operation on the Northern end of the site.)*

3. It was also agreed to extend the bin downsize incentive to 31st October 2010

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolve to:**

**1. Note the report with the following amendments**

- **Wildlife Issues** (dot point 3)  
*Procession Caterpillars active – associated with early abortion in horses and providing more information to horse properties;*
- **Redland Bay Waste Transfer Station** (second paragraph)  
*Council has applied for a Development Approval (licence) for the existing Redland Bay Waste Transfer Station, as under the Environmental Protection Regulation 2008, the transfer station triggers the threshold for waste transfer station requiring a licence. (The licence application for Redland Bay Waste Transfer Station is for the existing operation on the Northern end of the site); and*

2. That the bin downsize incentive full reduction in utility charge be extended until 31<sup>st</sup> October 2010.

**CARRIED**

**MONTHLY ATTACHMENT FOR REPORT FOR OPERATIONS AND MAINTENANCE GROUP FOR THE PERIOD 1st JUNE TO 30th JUNE 2010**

**Responsible Officer:** Lex Smith  
**Manager Operations and Maintenance**  
**Author:** Tracy Carrick  
**Business Support Officer**

In Progress	✓
Watch List - Possible concern	!
Major Issue	✗

**Roads and Drainage Unit**

Programmed Activities	Activities over June	Scheduled activities over July	Achievements over this financial year	Status
<b>Marine</b>				
Projects	Amity Point rock groyne maintenance programme completed. Installation of fishing line recovery bins has been completed to all of the following jetties: Russell Island, Macleay Island, Wellington Point, Redland Bay, Victoria Point, Masthead Dve, Amity Point and Howard Walker jetty at Dunwich.	Routine marine maintenance will continue. 2010-11 projects to be identified to meet priorities then scheduled to be completed with time frames.	All projects successfully completed for the year ending 30 June.	✓
<b>Unsealed Roads - Mainland</b>				
Roads programmed	Fernbourne road was maintained. The grader crew spent most of the month on North Stradbroke Island.	Heinemann Rd and Coochiemudlo Island are programmed for maintenance. Also, several gravel carparks.	Resources for gravel road maintenance are gradually being transferred to the Islands in line with workload distribution.	✓
<b>Unsealed Roads – Bay Islands</b>				
Roads programmed	The Grader crew spent 3 weeks carrying out maintenance work on North Stradbroke Island . All gravel roads that required work were maintained.	Grader crew working on mainland and Coochiemudlo during July.	Island Maintenance is continuing to show the benefits of increased resources being assigned to it.	✓
<b>Sealed Roads</b>				
Overlays - <25mm thick asphalt layer - usually over a large area - carried out to correct surface roughness	1096m2 of overlays carried out in June incorporating a total of 69Tonne of asphalt	No overlays programmed at this stage for July.	A total of 16,281m2 of overlays at 190 locations	✓
Potholes	205 potholes repairs for June	Potholes repaired on reactive basis	2188 potholes repared to end of June	✓
Road Failure Repairs - Usually involves removing a section of road to a depth of 100mm and replacing with hot asphalt	A total of 1896m2 of failure repairs utilising 470 tonne of asphalt. The bulk of this work was carried out at the Cleveland Waste Water treatment plant and in Long St, Cleveland.	July will be a very full month for failure repairs with work programmed throughout the city including North Stradbroke Island and Macleay Island.	Year to date totals are 9871m2 and 2499 tonne asphalt at 179 locations.	✓
<b>Footpaths</b>				
Kilometres Inspected	Limited Km's inspected this month due to operational issues. Programe being compiled to complete 30 faults above intervention levels.	Inspections will be carried out in Birkdale south, works progrmmed. We will be undertaking brick paver repairs in Cleveland's C.B.D , Expected to take two weeks to complete.	Inspection program is being revised at the present time with the intention of inspecting the entire city over the course of 3 months. Currently inspection frequency is set at 1 year.	✓
Number of hazards repaired and estimated costs	20 repairs completed for June in Ormiston, estimated costs of \$8000. Contractor availability was poor this month due to end of year rush.	30 repairs programmed for Cleveland C.B.D , estimated costs of 6k. Councils internal Mctce crew will be undertaking works. External contractor will be starting new program as soon as availability improves.	Substantial increase in budget has been included in the ten year operational plan to try and eliminate the backlog and enable the network to be maintained at or below the current intervention level.	✓

Roads and Drainage Unit con't

Programmed Activities	Activities over June	Scheduled activities over July	Achievements over this financial year	Status
<b>Street Sweeping</b>				
Area activities	Northern Truck: Mainland suburbs swept this month: southern areas of Alexandra Hills, Wellington Point north, Ormiston. Southern Truck: Southern / Western areas of Capalaba, Thornlands. Dollery & Smith Streets Capalaba, Moreton Bay Rd, Old Cleveland Rd, all swept this month.	Northern Truck: Cyclic sweeping program to sweep Capalaba, Thornside, West Birkdale, Wellington Point & Ormiston. Southern Truck: Drollery & Smith Streets Capalaba, Moreton Bay Rd, Old Cleveland Rd, Victoria Point & Redland Bay.	On going planning and future implementation of GPS to sweeping trucks is being discussed with contractor, to improve efficiency in sweeping.	✓
<b>Street signage</b>				
Maintenance	202 signs repaired or replaced in June. Only 4% of these were due to age. Vandalism continues to be the largest contributor to workload with 60% of the total.	Signage repair is largely reactive due to the overwhelming portion of workload being driven by vandalism, graffiti and vehicle damage,	Council has recently recorded all road signs in a database. Once software is developed to take advantage of this information, a more targeted and proactive approach to sign maintenance will be formulated.	✓
<b>Stormwater catchpits</b>	1603 catchpits were inspected of which 299 required some degree of cleaning.	Hot spots and systematic inspection programme will continue in July	There are upwards of 19,000 catchpits in the City. A project has been lodged with Council's IT department to develop computer base inspection and maintenance software that will enable us to tailor inspection frequencies to local conditions and better manage inspection cycles. To date there is no timeframe for this implementation.	✓
<b>Relocatable building movements</b>	8 Applications for house removals received during June. 6 house removals leaving the City. 2 House removals entering the City to Macleay and Russell Islands	Applications processed as received	31 applications were processed in the 2009/2010 Financial year	✓
<b>Traffic Control Permits - approval of plan for the control of traffic when work being carried out on roads will impact on the flow of traffic</b>	50 Traffic Control permits raised through the Customer request system were processed during June. 61 additional permits were raised for Internal Crews to cover the next 12 month period. These permits allow Crews to perform works within our own area.	Permit applications are processed as they are received.	300 Traffic Control permits were processed during the 2009/2010 Financial Year.	✓
<b>Lighting Requests</b>	22 Lighting requests were received during June. New installations - 6 , Streetlight glare - 1 , Bollard lighting - 7, Park lighting (including solar lights) - 4 , Streetscape lighting - 3, Marine lighting - 1.	Lighting requests are processed as they are received.	186 lighting requests were received during the 2009/2010 Financial year. These included maintenance to bollard lighting, park lighting, jetty lighting, also new Streetlight installation and glare shield requests. Glare shield installations tend to be self regulating as the 50% cost sharing guideline for shields on existing lights causes many applications to be withdrawn.	✓

## Environmental Education Unit

Programmed Activities	Activities over June	Scheduled activities over July	Achievements over this financial year	Status
Visitor numbers	5725	NA	55477	✓
Projects and Events	Indigi Day Out, Fish N Creeks Fun Day	No significant community event currently planned for July		✓
Training & workshops	Native Bees Workshop - 33 participants	No workshops scheduled for July	Main community workshops held: Nature Photography, Redland Reptiles, Eucalypt ID, Raptors, Horse Management for Properties, Spring Wildflowers walks (3), Local Lizards, Sustainable Energy Solutions in the Home (2), Native Bonsai, Nature Photography	✓
Community talks and tours	Thorneside State School teachers (10), Straddie tours (3 x 3), Seniors group (44), other group tour (20)	Talks and tours are usually booked at short notice and definite numbers will be reported on after they have occurred		✓
Hall Occupation	48%	NA	55.70%	
<b>Bushcare</b>				
Plants in ground (Total of plants place in ground across Bushcare and Community Plantings)	580	Plantings are dependant on weather conditions. Accurate data will be reported on after they have occurred	18112 between Bushcare and Community Plantings	✓
Community Plantings (Breakdown of where the plants went for the Community plantings. These figures are included in the Plants in ground total)	No community plantings in June	No community plantings in July (National Tree Day is at the start of August)	National Tree Day, Riverton Dve, Well Pt (4000 plants, 200 vols), Dogs Day Out, South St Animal Shelter (400 plants, 7 vols), Glossy Black-cockatoo Planting, Jackson Rd, Russell Is (1000 plants, 15 vols), Anson Rd (300 plants, 25 vols), Runnymede Rd (250 plants, 20 vols), Redlands by Starlight, Donald Rd, Redland Bay (2500 plants, 29 vols), AKF student exchange (50 plants, 25 vols), Coochiemudlo Island (600 plants, 26 vols), Crystal Waters (22 May, 250 plants, 55 vols *Dunwich Koala planting, (8 May, 12 vols, 90 plants)	✓
New/Closed groups	New group application received from Russell Island - currently being assessed. Application received from Alan Day Dve area, Wellington Point - currently being assessed.	NA	New - Mary Street (Division 10), Montgomery Dve (Division 8). Closed - Andamooka (Division 7), Beckwith Street (Division 1)	✓
<b>Habitat Protection</b>				
Land for Wildlife	5 return visits, no new properties	NA	8 new properties (83.16 ha)	✓
Rural Support	1 return visit	NA	6 new properties (18.38ha)	✓
Koala Conservation Agreement Programs	1 return visit	NA	30 new properties	✓
Your Backyard Garden	5 new properties, 5 return visist	NA	55 properties	✓
Voluntary Conservation Agreements	2 pending	NA		✓
Projects	Bioweed, Pasture regeneration, Dam investigations, Faecal tracer. Fact sheet series; Manure compounds; Septic inspections; Supplied edu materials for Fish, Creeks and Us Community Day; Fasture Pasture results; Koala survey; Habitat Protection newsletter; Your Back Yard Garden mailouts.	Eucalypt identification booklet, Points to Peaks Festival Implementation of Fasture Pasture Recommendations Dam Management Workshop 2 more factsheets (aquatic weeds and fish)		✓

**Environmental Education Unit con't**



Programmed Activities	Activities over June	Scheduled activities over July	Achievements over this financial year	Status
<b>Wildlife</b>				
Number of Calls to the wildlife care network (hours of operation 8am to 5pm - manned by volunteers. Advice given or co-ordination of site visits - Funded by Council)	Calls - 175, No of animals 141, picked up for care - 8, picked up for vet - 11, picked up for release - 6, caller took to vet - 29, DOA/euth - 9, advice to caller - 86, call referred to another organisation - 47, calls from vets or wildlife orgs - 12, calls from outside the Redlands - 12	NA	3311 total calls	✓
Number of calls to the ambulance (hours of operation 5pm to 8am - On call Volunteers for wildlife issues - Funded by Council)	Koala calls - 38, koala calls attended - 21, no of koalas - 30, koalas rescued - 10, koalas left alone - 2, koalas not captured - 4, koalas not found - 4, koalas DOA - 3, koala calls referred to another org - 11, koala advice only - 5. Other calls received - 92, other calls attended - 39, no of other animals - 71, other animals rescued, other animals left alone - 2, other animals not captured - 1, other animals not found - 10, other animals DOA/euth - 14, other calls referred to another organisation - 12, other animals advice only - 11.	NA	2389 total calls	✓
Projects	Training on Possum care and rehabilitation and sustainable leaf cutting for community wildlife volunteers.	Spotlight Evening for holiday activities and wildlife rescue talk. Presentation for Flying Fox Roost Restoration forum.		✓
<b>Schools</b>				
Visits to schools	5 school visits, 343 participants	NA	55 visits (3070 students)	✓
Visits from schools	5 visits, 307 participants	NA	23 visits (838 students)	✓
Holiday Program Activities	1 activity (Wonderful Waterbugs), 10 participants	NA	322 participants	✓



**Parks and Conservation Unit**

Programmed Activities	Activities over June	Scheduled activities over July	Achievements over this financial year	Status
<b>Turf Management</b>				
Mowing	All mowing completed for 09/10 within budget. Bay Islands crews now have computer access. Interviews completed for 4 vacant positions in the mainland crew.	Despite the cooler weather, grass continues to grow but at a slower rate. Crew numbers are reduced due to departure of labour hire staff and annual leave for permanent staff.	All mowing has remained on schedule this financial year with the exception of February 2010.	✓
Sports field Renovations	Levelling of Duncan Road Baseball No.1 field was completed, infield on field 2 was rebuilt as a result of sinkage. Surface levelling works at Henry Ziegenfusz No. 1 commenced.	Surface levelling works at Henry Ziegenfusz No. 1 will continue. Panel of providers to be finalised for provision of sportsfield and park renovation over the next 5 years.	Approximately 65 sports fields have been renovated this financial year. Field rebuilds have also been completed on Redlands soccer No. 4/ Touch No. 5&6/ Mooroondu soccer No. 1/ Judy Holt Major repair works were also completed on the playing surfaces of Duncan Road Baseball No. 2, Capalaba Soccer No. 2, Cricket/Capalaba Rugby League No. 1.	✓
Park Renovations	Spray programs for Bindii and Clover in parks focusing on high use areas.	Spraying to continue. Planning for new parks weed control program to commence.	Trial work being undertaken at Raby Esplanade using water retention crystals to promote turf health with some very positive results. Trial work of organics applied to Commodore Drive with positive results on plant health.	✓
<b>Tree Management</b>				
Street/Parkland Trees	Received and attended to 219 tree related requests. Planted 112 street/parkland trees in the month of June.		Have received and attended to 3341 tree related requests and have also planted 1389 trees in road reserves and parks so far this financial year.	✓
Koala Tree Plantings	Koala street tree planting done in Vintage Dr, Masthead Dr, Ironbark St, Island St, Fitzroy St, Janlaw St, Julista Crt, Natalin St, Oakwood St, , Firtree St, Mahogany St, Neller St, Crotona Rd (West), WatsoniaSt & Kalmia Dr.	Infill planting with koala trees at Pitt Rd, Sandy Drive, Barcrest Drive. Reduced street tree planting is due to unavailability of suitable trees from nurseries due to winter's slow growing conditions.	Total number of koala trees planted by end of June is 6698 (street trees & bushland plantings). NOTE: this number includes only Parks & Conservation Koala tree numbers.	✓
<b>Conservation/Waterways Management</b>				
Bushland Regeneration	188 conservation sites are being rehabilitated/ maintained across all Divisions - 32061 plants were planted in June.  26 aquatic weed sites were maintained throughout the City by contractors and conservation crews.	Ongoing rehabilitation/maintenance of all sites worked in 09/10. Planning for works across all catchment areas for 10/11 - including Hilliards, Coolwypin, Eprahah, Tadarrappin, NSI and SMI	67391 plants have been planted by Conservation until the end of June.	✓
Waterway Rubbish Collection	12 cubic metres of rubbish was collected from 79 sites within June.	Rubbish collection will continue from 79 sites, dependant on rain events.	90 m3 of rubbish has been removed from waterways this financial year. Rubbish clean ups will continue to be undertaken throughout 10/11. Further sites will be added to the schedule and extra runs will be undertaken after large rain events.	✓

**Parks and Conservation Unit con't**

Programmed Activities	Activities over June	Scheduled activities over July	Achievements over this financial year	Status
Fire Management/Fuel Reduction Burns	<p>Continue preparation of planned burn sites including stakeholder notification, resident consultations, clearing around habitat trees. Attending Community Education Day 5 June. Prescribed burns undertaken at Leslie Harrison CA (Div 9) 10 ha, Coolwynpin Bushland (Div9) burnt off Ney Road- 1 ha &amp; Frost St - 0.5ha, IndigiScapes (Div 7) -1ha behind Montana Drive. Utilised QF&amp;RS Urban Stations to assist with burns.</p> <p>401 Redland Bay Road - Assisting RCC Land Development Service with the marking up of firebreak around bushland area (30ha) for development works prior to land being handed over to Council.</p>	<p>Continue preparation of planned burn sites including stakeholder notification, resident consultations, clearing around habitat trees. North Stradbroke Island - will be assisting in multiagency planned burn of the Tripod track area and the 5-ways track area (DERM) Continue with planned burn schedule on the Mainland site and NSI. Depending on weather conditions. Will undertake liaison with QF&amp;RS Recruit training wing to undertake education and training in bushfire management.</p> <p>Commenent of Mainland Fire break schedule cut for July.</p>	<p>Development of Bushfire Management Operational Guidelines.</p> <p>13 reserve based Bushfire Action Plans were also developed. 6 training burns undertaken with Queensland Fire and Rescue and 3 interagency burns undertaken with several authorities on North Stradbroke Island.</p> <p>So far this financial year fuel reduction burns have been undertaken at Harrogate Bushland Refuge(Div 10), Leslie Harrison CA, Coolwynpin Bushland (Div 9), Windermere Road State Land (Div 7), Dawson Road Urban Habitat, IndigiScapes (Div 7), Days Road (Div 6), Russell Island, Fern Terrace Bushland (Div 5), Whistling Kite (Div 5), State Government land north of Davidson Road (Div 5), Coochiemudlo Island (Div 4), East Coast Road (Div 2), northern side of Tramican Street (Div 2).</p> <p>A total area of 68.7 ha has been burnt in the City so far this financial year.</p>	
Trail Upgrades	<p>Track upgrades at Teviot Rd (Native Dog/Days Raod Complex) completed - 6 km of track rebuild to provide access. Eastern escarpment works cancelled due to continual rain. Routine track maintenance ocurred throughout the City.</p>	<p>Routine track maintenance will also occur throughout the City.</p>	<p>Trail upgrades to degraded tracks including the Tripod track on North Stradbroke Island, Native Dog Conservation Area, and Eastern Escarpment.</p> <p>Have undertaken 18 kms of significant trail upgrades so far this financial year.</p> <p>Don and Christine Burnett Reserve (4km), Days Road Conservation area(2km) Native Dog Conservation Area (4km) Judy Holt Bushland (2km). Native Dog Conservation Area through to Teviot Road and Days Rd (6km)</p>	

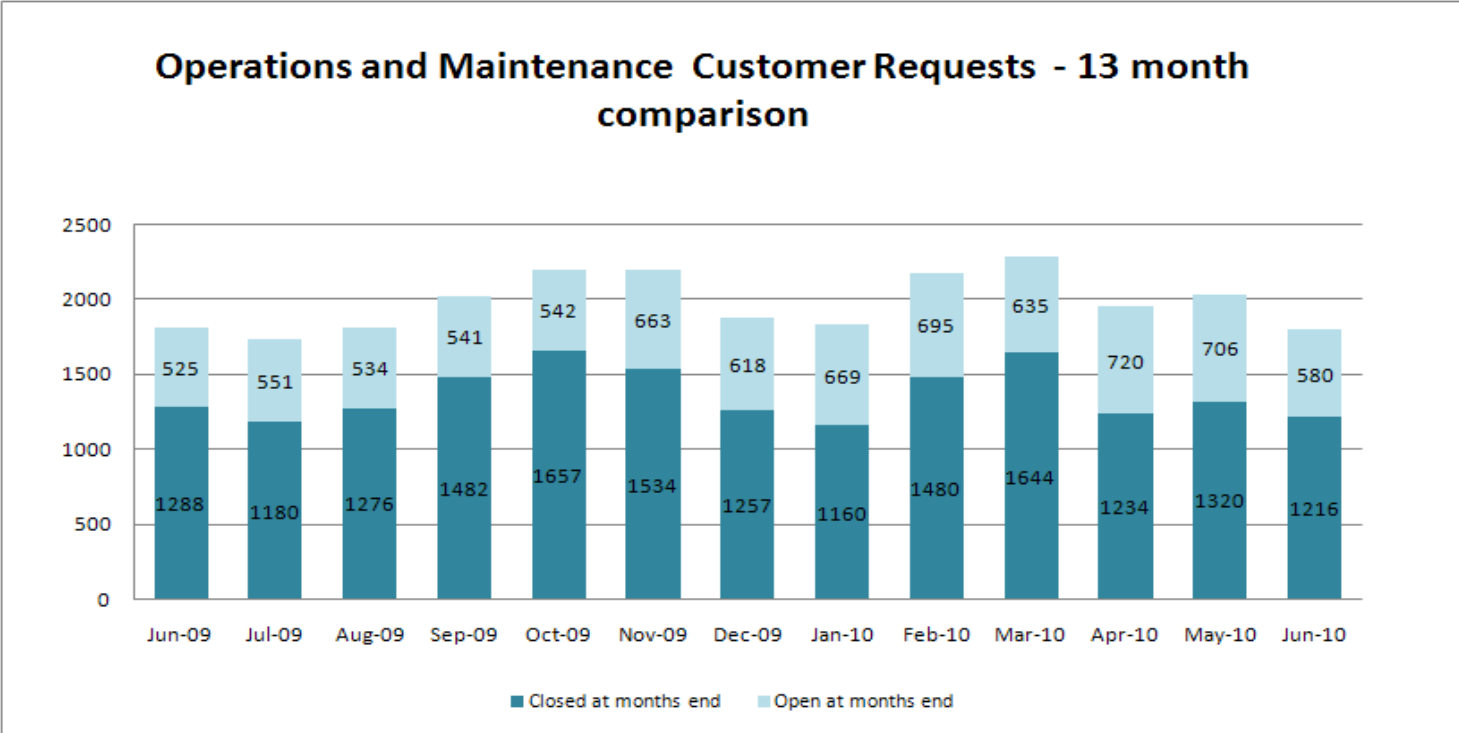
Parks and Conservation Unit con't

Programmed Activities	Activities over June	Scheduled activities over July	Achievements over this financial year	Status
<b>Asset Maintenance</b>	Wellington Pt Reserve playground attended to 2 times a week. 11 high profile playgrounds attended to once a week. 42 medium profile playgrounds attended to fortnightly. 187 low profile playgrounds attended to monthly. 16 off leash dog areas attended to weekly. 10 BMX tracks attended to monthly. 9 skate parks visited 3 times a week.	Ongoing asset inspections and maintenance	Ongoing asset inspections and maintenance Light Pole inspection and maintenance program completed for the financial year.	✓
<b>Significant Asset Installation/Repairs</b>	Minor facelift of play equipment and facilities at Beth Boyd Park is ongoing – Div 10. Old light pole was removed from Capalaba Soccer ground - Division 9 Community benefit fund (CBF) play equipment – installation has been completed for 2009-2010. Bollard installation was completed on foreshore embankment - Redland Bay Esplanade Bollard installation was completed on foreshore embankment - Wellington Point Esplanade	Completion of minor facelift of play equipment and facilities at Beth Boyd Park– Div 10. Treat timber boardwalk/steps North Stradbroke Island Consultation with Councillors to commence for 2010-2011 Bollard renewal planned various locations Coochiemudlo Island		

**Waste Operations Unit**

<b>Programmed Activities</b>	<b>Activities over June</b>	<b>Scheduled activities over July</b>	<b>Achievements over this financial year</b>	<b>Status</b>
<i>Waste Education</i>	29	30	115	✓
<i>Landfill site Gate Numbers</i>				
<b>Birkdale</b>	<b>8369</b>		<b>119896</b>	✓
Recycling	1674		25143	✓
Green waste	4301		63885	✓
Mixed	2394		30868	✓
<b>Redland Bay</b>	<b>5046</b>		<b>73564</b>	✓
Recycling	1278		16037	✓
Green waste	2556		38655	✓
Mixed	1212		18872	✓
<i>Home Assist Secure Bulky item Collection trial</i>	9			✓
<i>Landfill Gas Generation plant</i>	Commissioning completed and electricity being generated	Landscaping to be completed prior to undertaking an official opening		✓

# Operations and Maintenance Requests 13 Month Comparisons



Statistics reflect Customer requests recorded in the Proclaim Customer request management system and primarily relate to Park Maintenance, Tree Management, Road Maintenance, Drainage and Waste

**13.1.5 2009-2010 YEAR END TRANSFER OF FUNDS FOR NATIVE DOG CREEK PROJECT**

**Dataworks Filename:** P&R Reporting - General Reports  
**Responsible Officer Name:** Lex Smith  
Manager Operations & Maintenance  
**Author Name:** Neil Kesur  
Parks and Conservation Service Manager

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**EXECUTIVE SUMMARY**

Parks and Conservation are seeking to have \$173,215 of funds, transferred from the Environmental Reserve and allocated to the 2009/10 financial year budget. The purpose of this transfer is to offset costs incurred by Parks and Conservation during the establishment of a newly acquired reserve known as Native Dog Creek. Works undertaken to this 294 hectare estate included signage, fencing, gates, weed control and extensive track work.

**PURPOSE**

The purpose of this report is to seek Council approval to have \$173,215 of funds, transferred from the Environmental Reserve and allocated to the 2009/10 financial year Parks and Conservation budget. This transfer is to offset costs incurred by the unit when undertaking establishing works to Native Dog Creek reserve.

**BACKGROUND**

At its General Meeting in December 2008, Council approved the acquisition of large 294 hectare area of land known as Native Dog Creek for conservation purposes. 5% of the lands purchase price (300K) was set aside for Parks and Conservation to undertake establishment works to this particular reserve..

Towards the end of last financial year, the land came under the ownership of Council and Parks and Conservation were given approval from Environmental Management to commence the necessary establishment works. These works included signage, fencing, installation of gates, weed control and extensive track work. A total of \$173,215 was spent by Parks and Conservation during the financial year.

Given that works occurred late in financial year, Parks and Conservation were not able to organise the transfer of \$173,215 from the Environmental Reserve during the third quarter budget review to offset costs incurred by the unit. Therefore approval is now being sought to have \$173,215 transferred from the reserve and be apportioned back to the 2009/10 conservation budget to cover these establishment costs..

**ISSUES**

None apparent.

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## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's strategic priority:

Outcome 1 - **“Healthy Natural Environment”** - A diverse and healthy natural environment with an abundance of native flora, fauna and rich ecosystems will thrive through our awareness, commitment and action in caring for the environment.

## FINANCIAL IMPLICATIONS

Environmental Management have confirmed that 300K has been set aside in the Environmental Reserve for the establishment of the Native Dog Creek area. Therefore there are sufficient funds in the reserve to cover the \$173,215 establishment works undertaken by Parks and Conservation in the 2009/10 financial year. A further \$127,000 is expected to be allocated this financial year to complete the establishment works in the Native Dog Creek area.

## PLANNING SCHEME IMPLICATIONS

None apparent

## CONSULTATION

Environmental Management have been consulted in relation to this report

## OPTIONS

### PREFERRED

To approve the transfer of \$173,215 of funds from the Environmental Reserve and allocate this to the 2009/10 financial year Parks and Conservation budget.

### ALTERNATIVE

To not approve the transfer of \$173,215 of funds from the Environmental Reserve to the 2009/10 financial year Parks and Conservation budget.

## OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolve to approve the transfer of \$173,215 of funds from the Environmental Reserve and allocate this to the 2009/10 financial year Parks and Conservation budget.**

## CARRIED

### 13.1.6 ROADS AND DRAINAGE - 2010-2011 - FEES & CHARGES ADJUSTMENT TO GST RATE

**Dataworks Filename:** GOV – Fees & Charges Documentation  
**Attachment:** [Proposed fee changes Operations and Maintenance](#)  
**Responsible Officer Name:** John Frew  
Roads & Drainage Services Manager  
**Author Name:** Wayne Matthews  
Technical Officer - Maintenance

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#### EXECUTIVE SUMMARY

This report outlines necessary adjustments in the 2010-2011 fees and charges document within the following activities:

- Advertising on Council Bus Shelters;
- Services concerning Street Light complaints (Energex charges);
- Pipe and Invert Crossings;
- Bitumen Invert Crossings.

#### PURPOSE

To provide Council with a summary report and to seek approval for necessary adjustments in the fees and charges currently being managed by the Operations and Maintenance Unit for the 2010-2011 financial year.

#### BACKGROUND

The Operations and Maintenance Unit is responsible for the delivery of fees and charges for a wide range of services at multiple locations throughout the City.

#### ISSUES

Charges listed in the report for the 2010-2011 fees and chargers are adopted at Councils special meeting dated 25 June 2010 for the full financial year, any amendments to these charges must be approved by Council as and when required. During the budget process for the calculation of selected Operations & Maintenance activities, the GST was miscalculated and therefore needs to be corrected.

#### RELATIONSHIP TO CORPORATE PLAN

Outcome 2: “**Green Living**” – Our green living choices will improve our quality of life and our children’s lives, through our sustainable and energy efficient use of



resources, transport and infrastructure, and our well informed responses to risks such as climate change.

- 2.1 Achieve sustainability through strong leadership and innovation, and by effective planning and managing our services, assets and resources.

## **FINANCIAL IMPLICATIONS**

There are no direct financial implications resulting from this report, however an adjustment is necessary to correct GST on selected Operations and Maintenance activities. Financial implications may result where operational change increases in service performance.

## **CONSULTATION**

Consultation has occurred with:

- Group Manager Operations and Maintenance;
- Service Manager Operations and Maintenance;

## **OPTIONS**

### **PREFERRED**

That Council resolves to accept the Operations and Maintenance Unit adjustments in the 2010-2011 fees and chargers, as presented in the attachment.

### **ALTERNATIVE**

That Council accepts the report and requests additional information or a review of performance.

## **OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolves to accept the Operations and Maintenance Unit adjustments in the 2010-2011 fees and chargers, as presented in the attachment.**

## **CARRIED**

**Current Fees & Charges Document as adopted by Council at the Special Meeting 25/6/2010.**

Description	Unit	Base Charge \$	GST \$	Final Charge \$	Type
<b>OPERATIONS &amp; MAINTENANCE</b>					
<b>ADVERTISING ON BUS SHELTERS</b>					
<b>Mainland</b>					C
Lead panel on major arterial roads	monthly per m <sup>2</sup>	119.66	10.88	130.54	
Trail panel on major arterial roads	monthly per m <sup>2</sup>	89.75	8.16	97.91	
Lead panel on trunk collector roads	monthly per m <sup>2</sup>	77.82	7.07	84.90	
Trail panel on trunk collector roads	monthly per m <sup>2</sup>	59.77	5.43	65.20	
Lead panel on local collector roads & residential streets	monthly per m <sup>2</sup>	65.86	6.00	71.85	
Trail panel on local collector roads & residential streets	monthly per m <sup>2</sup>	52.70	4.80	57.50	
Seat - two side panels and one back panel	monthly per m <sup>2</sup>	143.55	13.05	156.60	
<b>SMBI</b>					
Per Bus Shelter Panel (no seats on SMBI)	monthly per m <sup>2</sup>	35.87	3.26	39.13	

**Proposed Changes to GST for Operations & Maintenance Charges**

Description	Unit	Base Charge \$	GST \$	Final Charge \$	Type
<b>OPERATIONS AND MAINTENANCE</b>					
<b>ADVERTISING ON BUS SHELTERS</b>					
<b>Mainland</b>					C
Lead panel on major arterial rods	monthly per m <sup>2</sup>	118.67	11.87	130.54	
Trail panel on major arterial roads	monthly per m <sup>2</sup>	89.01	8.90	97.91	
Lead panel on trunk collector roads	monthly per m <sup>2</sup>	77.18	7.72	84.90	
Trail panel on trunk collector roads	monthly per m <sup>2</sup>	59.27	5.93	65.20	
Lean panels on local collector roads and residential streets	monthly per m <sup>2</sup>	65.32	6.53	71.85	
Trail panel on local collector roads and residential streets	monthly per m <sup>2</sup>	52.27	5.23	57.50	
Seat - Two side panels and one back panel	monthly per m <sup>2</sup>	142.26	14.24	156.60	
<b>SMBI</b>					
Per bus shelter panel (no seats on SMBI)	monthly per m <sup>2</sup>	35.57	3.56	39.13	

**Current Fees & Charges Document as adopted by Council at the Special Meeting 25/6/2010.**

Description	Unit	Base Charge \$	GST \$	Final Charge \$	Type
<b>ROADS &amp; DRAINAGE</b>					
<b>ROADS &amp; DRAINAGE</b>					
<b>Glare Complaints</b>					
Investigation Fee for Glare Complaint	per investigation	50% of EnergeX Cost	GST	50% of EnergeX Cost	C
<b>Options as per EnergeX recommendation</b>					
Supply and fit standard internal baffle to Sylvania B2223 and B2224 series	per installation	50% of Current EnergeX Cost plus \$48.90 Council admin costs	GST	50% of Current EnergeX Cost plus \$48.90 Council admin costs	C
Install Internal Shield (Glare Foil)	per installation	50% of Current EnergeX Cost plus \$48.90 Council admin costs	GST	50% of Current EnergeX Cost plus \$48.90 Council admin costs	
Supply and fit adhesive shield to Sylvania Minor (Urban) or Major (Roadster) luminaire	per installation	50% of Current EnergeX Cost plus \$48.90 Council admin costs	GST	50% of Current EnergeX Cost plus \$48.90 Council admin costs	
Supply and fit a unique shield to a standard or aeroscreen unit	per installation	50% of Current EnergeX Cost plus \$48.90 Council admin costs	GST	50% of Current EnergeX Cost plus \$48.90 Council admin costs	
Change Light Fitting - Major Road	per installation	50% of Current EnergeX Cost plus \$48.90 Council admin costs	GST	50% of Current EnergeX Cost plus \$48.90 Council admin costs	
Change Light Fitting - Minor Road	per installation	50% of Current EnergeX Cost plus \$48.90 Council admin costs	GST	50% of Current EnergeX Cost plus \$48.90 Council admin costs	

**Proposed Changes to GST for Operations & Maintenance Charges**

Description	Unit	Base Charge \$	GST \$	Final Charge \$	Type
<b>ROADS AND DRAINAGE</b>					
<b>Glare Complaints</b>					
Investigation fee for glare complaint	Per investigation	50% of EnergeX Cost	GST	50% of EnergeX Cost	C
<b>Options as per EnergeX recommendation</b>					
Supply and for standard internal baffle to Sylvania B2223 and B2224 series	Per installation	50% of Current energex Cost plus \$44.45 Council admin costs	GST	50% of Current energex Cost plus \$48.90 Council admin costs	C
Install Internal Shield (Glare Foil)	Per installation	50% of Current energex Cost plus \$44.45 Council admin costs	GST	50% of Current energex Cost plus \$48.90 Council admin costs	
Supply and fit adhesive shield to Sylvania Minor (Urban) or Major (Roadster) luminaire	Per installation	50% of Current energex Cost plus \$44.45 Council admin costs	GST	50% of Current energex Cost plus \$48.90 Council admin costs	
Supply and fit a unique shield to a standard or aeroscreen unit	Per installation	50% of Current energex Cost plus \$44.45 Council admin costs	GST	50% of Current energex Cost plus \$48.90 Council admin costs	
Change light fitting -Major Road	Per installation	50% of Current energex Cost plus \$44.45 Council admin costs	GST	50% of Current energex Cost plus \$48.90 Council admin costs	
Change Light fitting - Minor Road	Per installation	50% of Current energex Cost plus \$44.45 Council admin costs	GST	50% of Current energex Cost plus \$48.90 Council admin costs	

**Current Fees & Charges Document as adopted by Council at the Special Meeting 25/6/2010.**

<b>Pipe and Invert Crossings</b>					
Standard pipe crossing (375mm-450mm diameter):					
3.6m long	per crossing	1,447.10	131.55	1,578.65	
4.8m long	per crossing	1,674.31	152.21	1,826.52	
6.0m long	per crossing	1,827.33	166.12	1,993.45	
3.6m Kerb and channel invert crossing	per crossing	1,226.00	111.54	1,337.54	
Extension to maximum of 6.0m per 0.5m length (Manager Operations & Maintenance approval required for crossings in excess of 6.0m length).	per 0.5m length extension	111.28	10.12	121.40	
Inspection fee where owner constructs the crossing	per inspection	137.60	12.51	150.11	
<b>Bitumen invert crossing</b>					
Extension to maximum of 6.0m per 0.5m length (Manager Operations & Maintenance)	per 0.5m length extension	69.44	6.31	75.75	
Inspection fee where owner constructs the crossing	per inspection	137.60	12.51	150.11	

**Proposed Changes to GST for Operations & Maintenance Charges**

<b>Pipe and Invert Crossing</b>					
Standard pipe crossing (375mm - 450mm diameter):					
3.6m long	per crossing	1435.14	113.51	1578.65	
4.8m long	per crossing	1660.47	166.05	1826.52	
6.0m long	per crossing	1812.23	181.22	1993.45	
3.6m Kerb and channel invert crossing	per crossing	1215.45	121.59	1337.54	
Extension to maximum of 6.0m per 0.5m length (Manager Operations and Maintenance approval required for crossings in excess of 6.0m length)	per 0.5m length extension	110.36	11.04	121.4	
Inspection fee where owner constructs the crossing	per inspection	136.46	13.65	150.11	
<b>Bitumen Invert Crossing</b>					
Extension to maximum of 6.0m per 0.5m length (Manager Operations and Maintenance)	per 0.5m length extension	68.86	6.89	75.75	
Inspection fee where owner constructs the crossing	per inspection	136.46	13.65	150.11	

**13.1.7 WASTE MANAGEMENT SERVICES BUSINESS UNIT - JUNE 2010**

**Datworks Filename:** WM Waste Management - WM Reporting  
**Attachments:** [Waste Management Services Business Unit - June 2010](#)  
**Responsible Officer Name:** Lex Smith  
Manager Operations & Maintenance  
**Author Name:** Patrick Navin  
Service Manager - Waste Operations

---

**EXECUTIVE SUMMARY**

The Waste Management Services Business Unit report is presented to Council on a quarterly basis for noting. The report provides details relating to the business unit's performance for the quarter from 1 April 2010 to 30 June 2010 and covers financial and non-financial indicators for waste, as outlined in the Annual Performance Plan 2009/10.

It is expected that, most of the time the report findings will be "business as usual". Where exceptions occur, these will be highlighted.

The report provides a regular opportunity for Council to consider the performance of Waste Management and to respond to any exceptional reporting.

Council is provided with the option to accept the report or, accept it and request additional information or a review of performance.

**PURPOSE**

To report on the performance of the business unit against key performance indicators (KPIs) outlined in the Business Units Annual Performance Plan for 2009/10 for the quarter from 1 April 2010 to 30 June 2010.

**BACKGROUND**

The Waste Management Service Business Unit Annual Performance Plan identifies KPIs for which performance targets have been agreed with Council. Reporting is prepared each quarter through Council's Customer Services Committee.

**ISSUES**

The report is provided to Council as a means of monitoring the performance of Waste Management for its waste activity.

The first part of the report comprises a "snapshot" of the business unit's achievement in meeting KPIs (year-to-date) and financial report card.

The report then provides specific financial report and commentary, capital expenditure (graphically) and a detailed customer overview.

The main body of the report focuses on actual levels of achievement against the KPIs for the month. Where exceptions have occurred and targets not met, an explanation is given as well as action taken to improve performance.

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's Strategic priority:

Outcome 2 – “**Green Living**” – Our green living choices will improve our quality of life and our children’s lives, through our sustainable and energy efficient use of resources, transport and infrastructure and our well informed responses to risks such as climate change.

2.2 Promote, support and encourage commitment to green living in our community by improving resident’s understanding of climate change and achieving greater water, energy and waste conservation and efficiency

2.8 Implement Council’s waste management strategy by applying best practice principles in pricing, public awareness, resource management, recycling and recovery.

Outcome 9 - “**An efficient and effective organisation**’ – Council is well respected and seen as an excellent organisation which manages resources in an efficient and effective way, through the implementation of the following strategies:

9.1 Deliver excellent leadership throughout the organisation for the benefit of the community

9.5 Ensure robust long term financial planning is in place to protect the financial sustainability of Council

## **FINANCIAL IMPLICATIONS**

There are no direct financial implications resulting from this report. Financial implications may result where Council requests a performance review or requests an increase in performance standards.

## **CONSULTATION**

Consultation has occurred with:

- Group Manager Operations & Maintenance
- Service Manager – Waste Operations
- Senior Advisor – Waste Planning

**OPTIONS****PREFERRED**

That Council resolve to note the Waste Management Services Business Unit Report for the quarter ending 30 June 2010, as presented in the attachment.

**ALTERNATIVE**

That Council notes the report and requests additional information or a review of performance.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolve to note the Waste Management Services Business Unit Report for the quarter ending June 2010, as presented in the attachment.**

**CARRIED**



**Redland**  
CITY COUNCIL

**CUSTOMER SERVICES**

**OPERATIONS & MAINTENANCE**

**WASTE MANAGEMENT SERVICES  
BUSINESS UNIT REPORT**

Quarterly Report ending June 2010



## Waste Management Services Business Unit Report Contents

KPI targets achieved – year-to-date overview .....	2
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Financial comments .....	3
Graphical summary of financial report key issues .....	4
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2. Recyclable material diverted from kerbside collection (recycling bin only) .....	5
3. Waste education - number of activities (events, tours, visits) & Summary Listing	5
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6. Earnings before interest, tax & depreciation (EBITD) .....	7
7. % compliance with EPA licence Waste Management .....	7
8. Number of missed wheelie bin services each year (refuse & recycling) .....	8
9. % of capital works program practical completion - % of planned project milestones achieved for the month .....	8
10. LTIFR (Lost time injury frequency) .....	8

## KPI TARGETS ACHIEVED – OVERVIEW

KRA	No	Key performance indicator	Frequency	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	Full Year
COMMUNITY & CUSTOMERS	1	Total kilos of domestic waste landfilled per capita/year	Monthly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	2	Recyclable material diverted from kerbside collection (recycling bin only)	Monthly	✓	x	✓	x	✓	✓	x	x	x	x	x	✓	x
	3	Waste education – number of activities (events, tours, visits)	Monthly	x	x	✓	x	✓	x	✓	✓	✓	✓	✓	✓	✓
FINANCIAL	4	Cost per tonne of waste (waste)	Monthly	x	x	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓
	5	Operating performance (actual to budget operating expenditure)	Monthly	✓	✓	x	✓	x	x	x	x	x	x	x	x	✓
	6	Earnings before interest, tax & depreciation (EBITD)	Monthly	x	✓	x	x	✓	x	x	x	x	x	x	x	x
INTERNAL PROCESSES	7	% compliance with EPA licence - waste management	Qtrly	-	-	✓	-	-	✓	-	-	✓	-	-	✓	✓
	8	Number of missed wheelie bin services each year (refuse & recycling)	Monthly	✓	✓	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓
	9	% of capital works program practical completion - % of planned project milestones achieved monthly	Monthly	-	-	-	-	-	-	-	-	-	-	-	-	-
PEOPLE & LEARNING	10	LTIFR (lost time injury frequency)	Monthly	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

**FINANCIAL REPORT FOR PERIOD ENDING 30<sup>TH</sup> JUNE 2010**

Waste Financial Report for the period ended 30 <sup>th</sup> June 2010	\$'000 YTD Revised Budget	\$'000 YTD Actuals	\$'000 YTD Variance
<b>Operating Statement</b>			
<b>Operating Revenue</b>			
Rates and Utility Charges	12,717	12,925	208
Less: Discounts & Pensioner Remissions	0	0	0
Fees and Charges	2,039	1,763	(276)
Operating Grants and Subsidies	0	0	0
Operating Contributions and Donations	0	0	0
Interest External	19	30	12
Other Revenue	276	472	196
Internal Revenue (Refuse/ Tipping / Litter Bins)	1,342	1,352	9
Community Service Obligations	1,204	1,104	(100)
<b>Total Operating Revenue</b>	<b>17,597</b>	<b>17,646</b>	<b>50</b>
<b>Operating Expenditure</b>			
Employee Costs	846	848	1
Goods and Services	10,992	10,720	(272)
Finance Costs Other	0	0	0
Other Expenditure	0	0	0
Internal Expenditure	888	553	(335)
<b>Total Operating Expenditure</b>	<b>12,726</b>	<b>12,121</b>	<b>(606)</b>
<b>Earnings before Interest, tax and depreciation (EBITD)</b>			
	<b>4,807</b>	<b>5,526</b>	<b>655</b>
Interest expense	54	58	4
Depreciation	1,116	1,418	301
<b>Operating Surplus/(Deficit)</b>	<b>3,636</b>	<b>4,050</b>	<b>414</b>
Total capital revenue	60	30	(30)
Total capital expenditure	377	284	(93)
<b>Return to Council</b>			
Tax and Dividends	1,913	3,102	-1188
Internal Capital Structure Financing	96	96	0

**FINANCIAL COMMENTS – RESULTS WERE:**

**SPECIAL NOTE** – The financial data prepared in this report for the quarter ending 30<sup>th</sup> June 2010, and do not include end of year adjustments or related accruals for period 13. Full financial reporting and commentary for 2009-2010 are compiled and reported as part of Council's Annual Report processes.

**Earnings before interest, tax and depreciation** is 13.45% and outside the target range. YTD Revenue is above budget 0.28% with Goods & Services also being down to budget (2.47%) which in turn has had a compounding effect on EBITD.

**Operating revenue:** \$50K above budget 0.28% - Revenue entries input up to 30<sup>th</sup> June.

**Operating expenses:** \$606K below budget (4.76%).

Employee Costs – Two Vacancies currently – Closed Landfill Operations Coordinator and Waste Project Officer (since Feb2010) (Vacancies throughout the year Senior Contracts Manager & Waste Education Officer) Allowances were also underbudgeted \$26k and offset by vacancies throughout the year

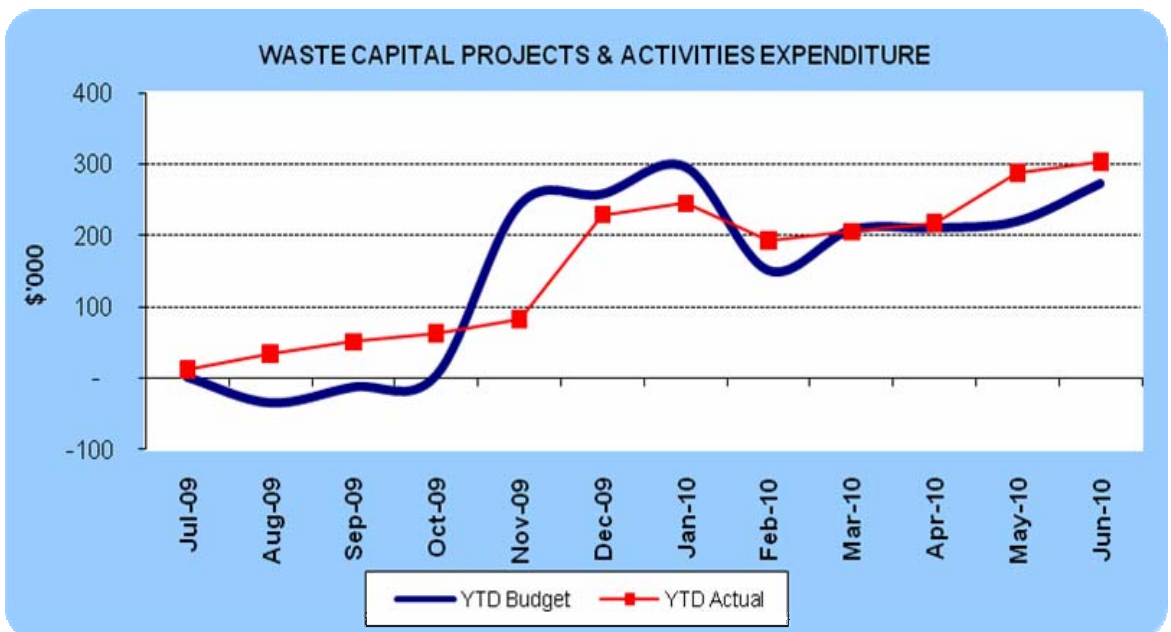
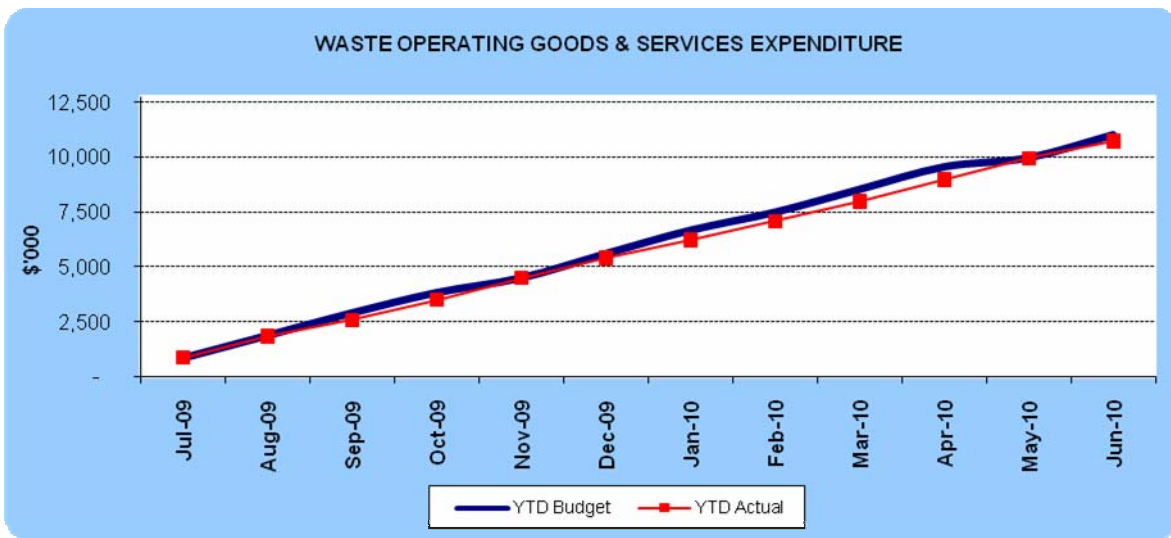
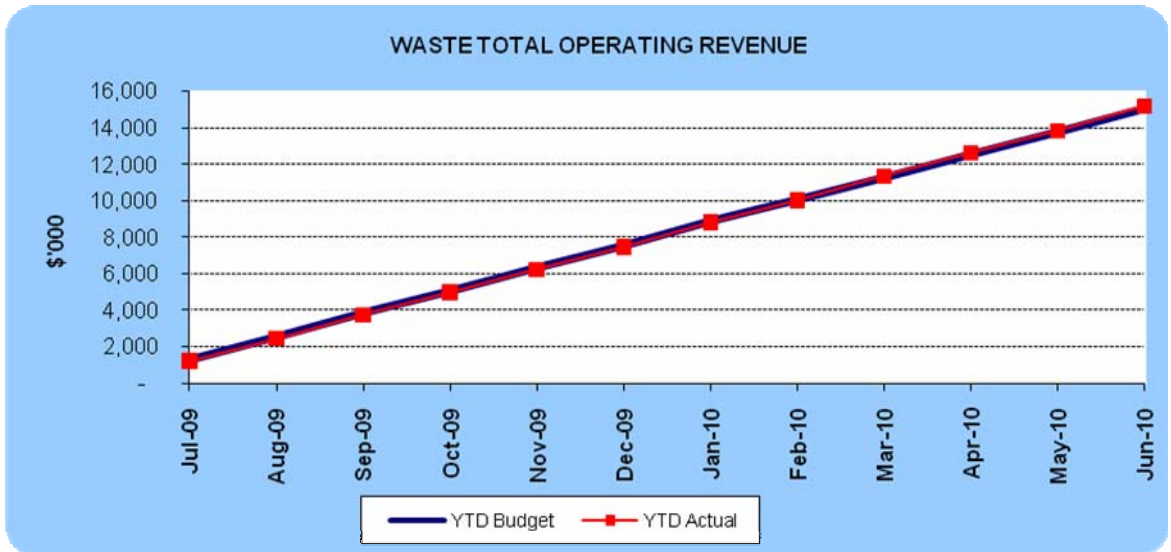
Goods & Services – Actual YTD expenditure for June is under budget \$272k

Internal Expenditure – Under budget \$335k – SLA Financial Services under budget

**Interest expense:** Over budget by \$4k

**Depreciation:** Significant variance to budget by \$301k (relates to an error in bin charges through the Maximo system which will be corrected as part of the year end accounts in Period 13)

**GRAPHICAL SUMMARY OF FINANCIAL REPORT - KEY ISSUES**



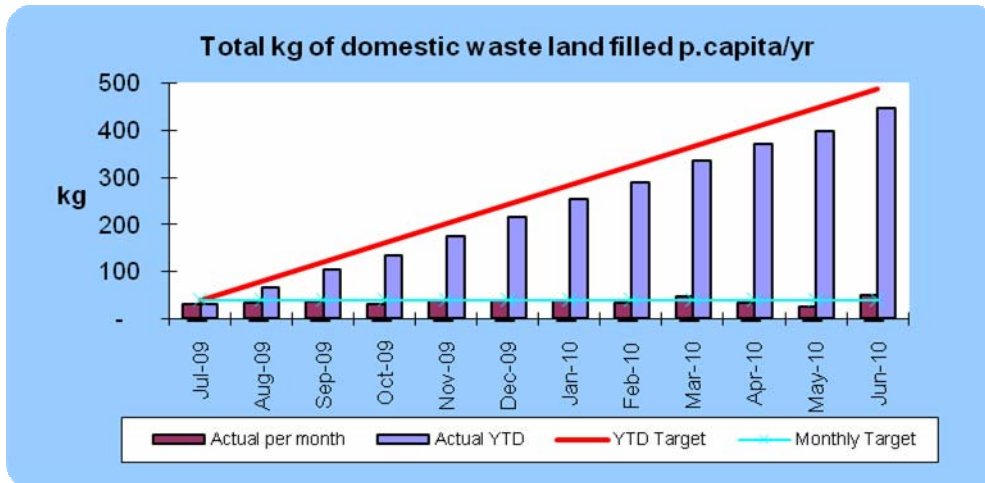
**Key Performance Indicators – Community & Customers**

**1) Total kilos of domestic waste landfilled per capita/year**

Total kgs of domestic waste (kerbside) landfilled per capita per month

Target ≤ 480 kg/cap/year

Target achieved?



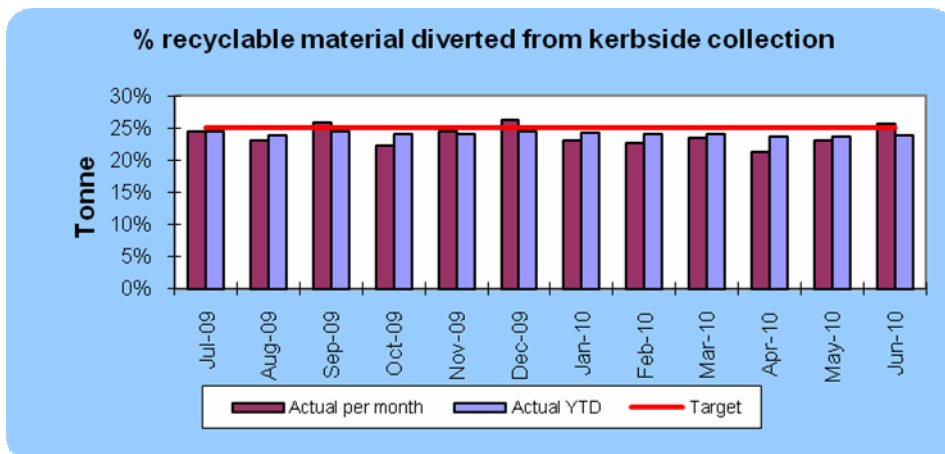
Comments: Result for the month of June is 50.09kg of domestic waste to landfill. Full Year results are 447.49 and below the Full Year Target of 480. The population base for this KPI is the number of rateable properties by 2.75 occupancy rate.

**2) Recyclable material diverted from kerbside collection (recycling bin only)**

Percentage of recyclable material from total domestic waste collected.

Target ≥ 24% per month

Target achieved?

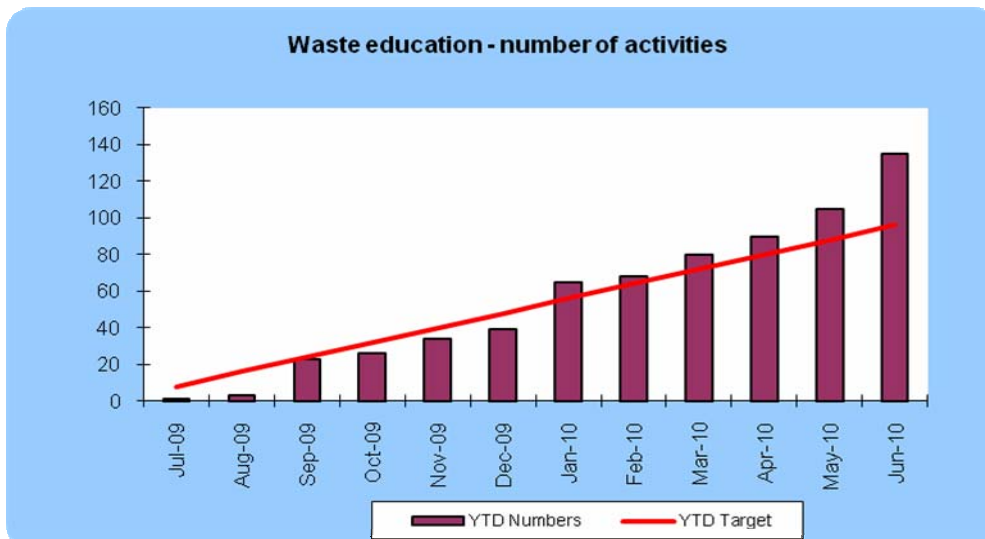


Comments: Result for the month is 25.73% (target 25%) Full Year result is 23.85% (target 25%).

**3) Waste education – number of activities (events, tours, visits)**

Target 8 per month/96 per annum

Target achieved?



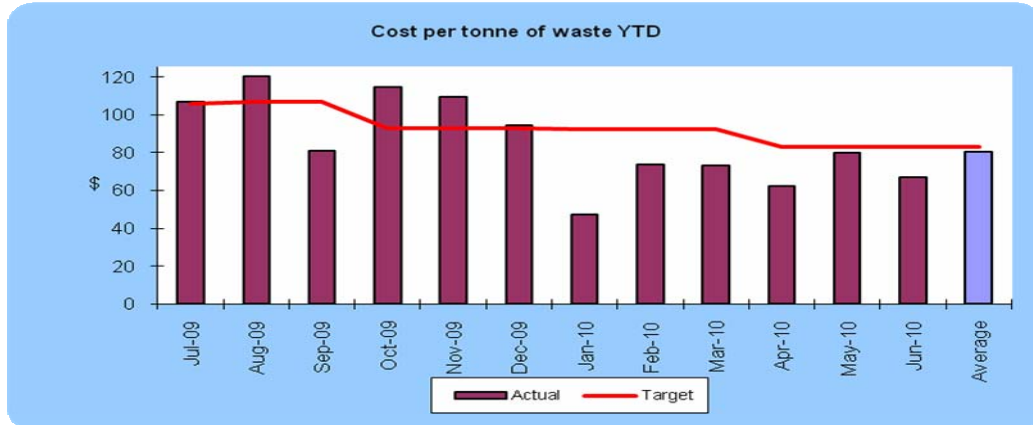
**KEY PERFORMANCE INDICATORS – FINANCIAL**

**4) Cost per tonne of waste**

Operating Costs (employee costs, good & services and internal charges) divided by the total tonnage handled

Target ≤ \$105.76 tonne

Target achieved?



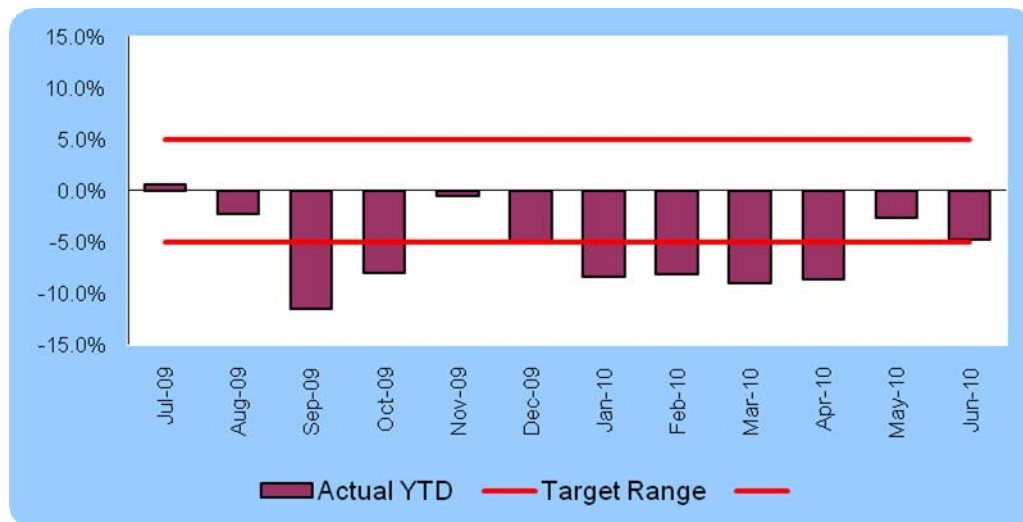
Comments: Result for the month is \$67 per tonne of waste handled and YTD result is \$81 which is below the target of \$105. (The target rate is calculated quarterly following quarterly review adjustments to the Waste Management Services Business Unit Budget).

**5) Operating performance (actual v budget expenditure)**

The sum of Year to date Operating Costs (employee costs, good & services and internal expenditure) Compared to the YTD Budget for these costs

Target < +/-5% year to date

Target achieved?



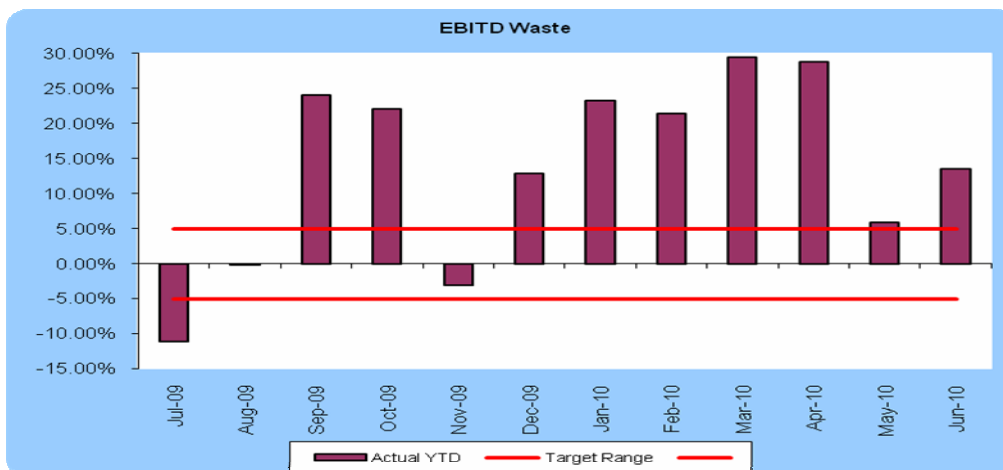
Comments: Result for quarter to 30<sup>th</sup> June is 4.76%. It is anticipated that the full year financial reports will return a better result for this KPI.

Jun-10	YTD Budget	YTD Actuals	Actual vs Budget
Employee costs	846,463	847,659	1,196
Goods & Services	10,992,362	10,720,137	(272,225)
Internal Exps	887,682	552,595	(335,087)
	<b>12,726,507</b>	<b>12,120,391</b>	<b>(606,116)</b>
<b>Percentage Variance</b>			<b>-4.76%</b>

6) **Earnings before interest, tax & depreciation (EBITD)**

Target < +/-5% year to date

Target achieved?



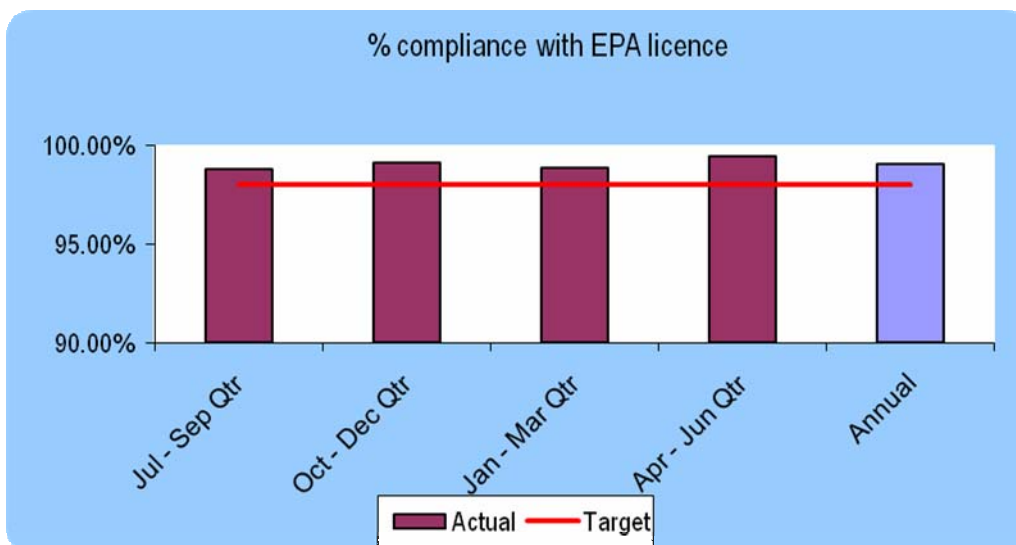
Comments: Result for the quarter ending 30<sup>th</sup> June is 13.47% above budget.

**KEY PERFORMANCE INDICATORS – INTERNAL PROCESSES**

7) **% compliance with EPA licence Waste Management**

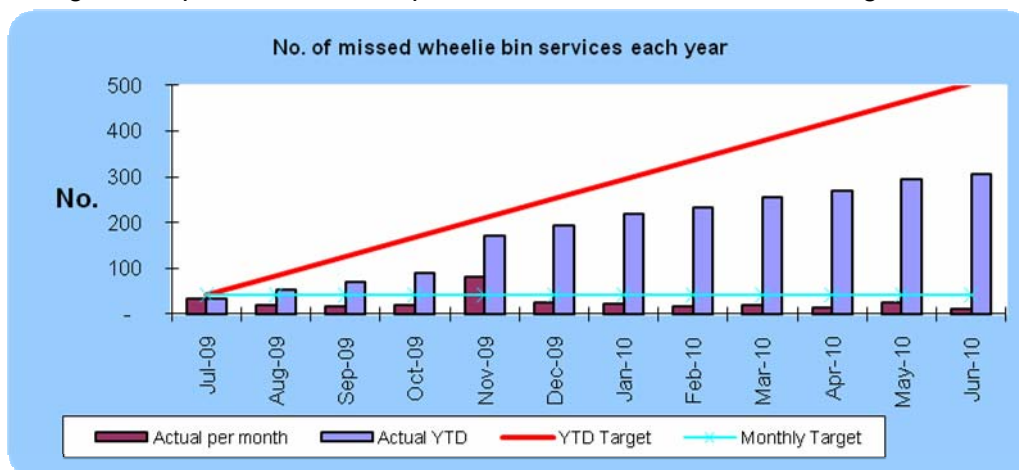
Target ≥ 98% per quarter

Target achieved?



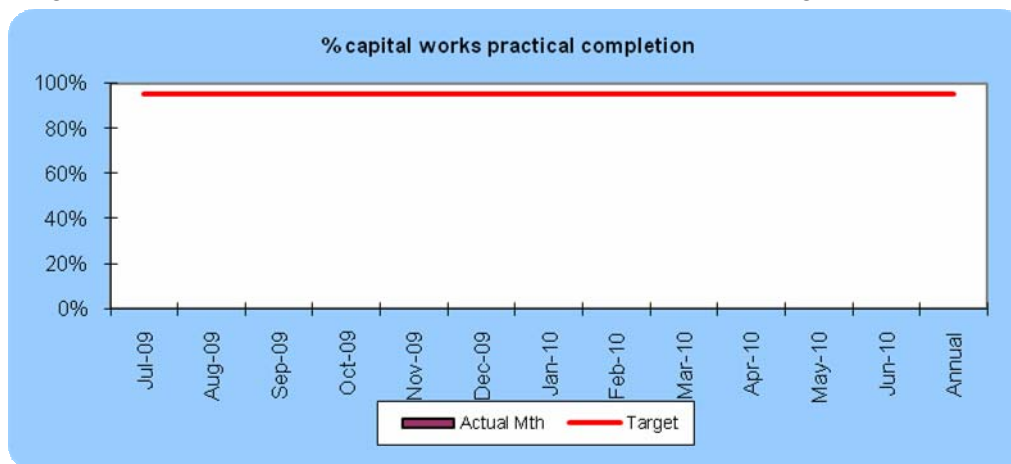
Comments: KPI reported quarterly June 99.05%  
Reduction in odour complaints due to the installation of odour suppression equipment, which has increased achieved compliance in the quarter ending 30<sup>th</sup> June.

- 8) **Number of missed wheelie bin services each year (refuse & recycling)**  
 Target  $\leq 42$  per month/  $\leq 504$  p.a. Target achieved?



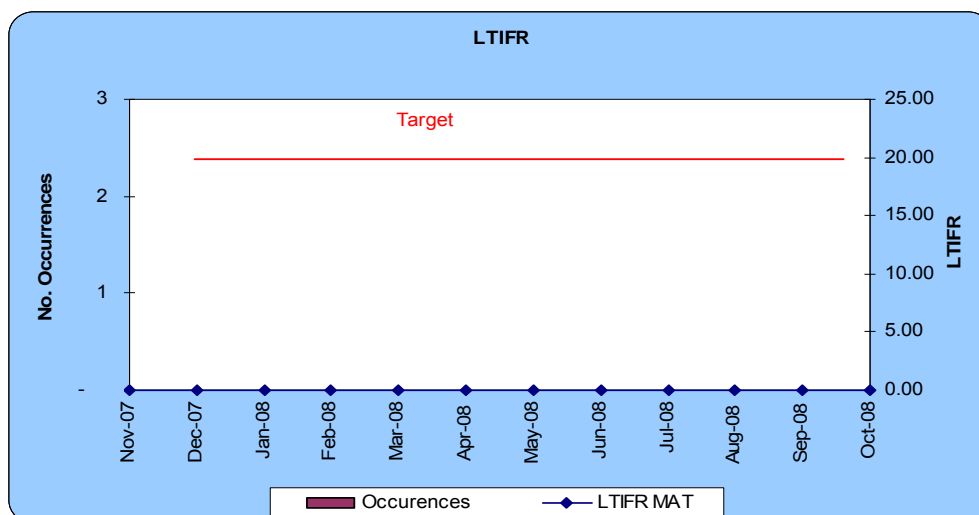
Comments: The monthly result is 10 missed services determined to be contractor fault. Full Year results are 305 missed bins in total (average of 25 per month).

- 9) **% of capital works program practical completion – % of planned project milestones achieved per month**  
 Target  $\geq 95\%$  per annum Target achieved? NR



Comments: No capital milestones achieved to date, due to the continued debate following the presentation of the waste disposal strategy.

- 10) **LTIFR (Lost time injury frequency)**  
 Target  $\leq 20$  injuries per hours in period Target achieved?



Comments: There was 0 LTI in waste this month. Rolling average from 08-09 is 0



### 13.1.8 APPOINTMENT OF CHAIRPERSON AND DEPUTY CHAIRPERSON OF LOCAL DISASTER MANAGEMENT GROUP

**Dataworks Filename:** CS Disaster Management  
**Responsible Officer Name:** Michael Morrison  
Senior Consultant Emergency Management  
**Author Name:** Michael Morrison  
Senior Consultant Emergency Management

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#### EXECUTIVE SUMMARY

Following a number of major disaster events across Queensland in recent years, a review of the State's disaster management system and the relevant legislation was conducted in order to deliver better outcomes in efficiency and effectiveness of responses to communities impacted by disaster events. One of the key stakeholders in these arrangements is local government and as a consequence of this review, some key changes relate to Redland City Council disaster management arrangements, including the roles of Chairperson and Deputy Chairperson.

#### PURPOSE

The matter is referred to Council for consideration and appointment of the Mayor to the position of Chairperson of the Local Disaster Management Group (LDMG) as well as the appointment of a Councillor as Deputy Chairperson.

#### BACKGROUND

The *Disaster Management Act 2003* details the appointments of persons as Chairperson or Deputy Chairperson of the LDMG.

Section 33 [Membership] states:-

1. A local group consists of the persons appointed as members of the group by the relevant local government of the group.
2. At least 1 person appointed under subsection (1) must be a Councillor of a local government.
3. The relevant local government for a local group may appoint a person as a member only if satisfied the person has the necessary expertise or experience to be a member.

Section 34 states [Chairperson and Deputy Chairperson]:-

4. The relevant local government for a local group is to appoint:-
    - a. A member of the group as the chairperson of the group; and
-

- b. A member of the group as the deputy chairperson of the group.
5. The member appointed as the chairperson must be a councillor of a local government.

## ISSUES

- Section 34 of the *Disaster Management Act 2003* (aforementioned) clearly articulates the appointment of a Councillor as Chairperson of the LDMG.
- Whilst the amended legislation (to take effect from 1 November 2010) remains unchanged in this regard, it is understood that the Mayor by virtue of that position has a pivotal leadership role to play during and following a disaster event.
- There is also a community expectation that the Mayor should be at the forefront of any response to and recovery from any disaster event.
- The media will look to the Mayor to provide the requisite Council response and recovery strategies and direction.
- The overwhelming majority of Mayors in South East Queensland, as well as across the State are currently Chairpersons of their Council's LDMG, including Brisbane City, Gold Coast City and Moreton Bay Regional Council.
- The new legislation will also re-state the appointment of a Deputy Chairperson of the LDMG. Whilst the current legislation does not do so, the new legislation will formalise the appointment of a Councillor as Deputy Chairperson of the LDMG.
- The new legislation will now provide for the Deputy Chairperson to have the same responsibilities as Chairperson, when acting as Chairperson of the LDMG.

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's strategic priority:-

*Outcome 7 “**Strong and Connected Communities**” Our health, wellbeing and strong community spirit will be supported by a full range of services, programs, organisations and facilities, and our values of caring and respect will extend to people of ages, cultures, abilities and needs.*

## FINANCIAL IMPLICATIONS

There are no financial implications associated with this appointment.

## CONSULTATION

Extensive discussion has occurred between the Mayor, Deputy Mayor, General Manager Customer Services and Senior Consultant Emergency Management.

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**OPTIONS****PREFERRED**

That Council resolve as follows:

1. To appoint Cr Melva Hobson, Mayor, to the position of Chairperson, Local Disaster Management Group in accordance with Section 34 of the *Disaster Management Act 2003*; and
2. To appoint Cr Murray Elliott, Deputy Mayor, to the position of Deputy Chairperson, Local Disaster Management Group.

**ALTERNATIVE**

The current appointments remain.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Boglary  
Seconded by: Cr Townsend

That Council resolve as follows:

1. **To appoint Cr Melva Hobson, Mayor, to the position of Chairperson, Local Disaster Management Group in accordance with Section 34 of the *Disaster Management Act 2003*; and**
2. **To appoint Cr Murray Elliott, Deputy Mayor, to the position of Deputy Chairperson, Local Disaster Management Group.**

**CARRIED**

**13.2 GENERAL BUSINESS**

Permission was granted for the following item of General Business to be raised:

**13.2.1 QUEENSLAND'S SUSTAINABLE CITY FOR 2010****COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That a briefing note be prepared and distributed to Councillors on the financial implications and possible locations for advertising bill boards promoting the Redlands as Queensland's most Sustainable City.**

**CARRIED**

### 13.3 COMMITTEE CLOSED SESSION - TENDER FOR CONSIDERATION

The Committee meeting was closed to the public under section 72(1) of the *Local Government (Operations) Regulation 2010* to discuss the following item:

#### 13.3.1 Grass Cutting Services for Schedule 23

Following deliberation on this matter, the Committee meeting was again opened to the public.

#### 13.3.1 GRASS CUTTING SERVICES FOR SCHEDULE 23

**Dataworks Filename:** FM Tendering – Supply Services  
**Responsible Officer Name:** Lex Smith  
Manager Operations & Maintenance  
**Author Name:** Peter Mosley  
Supply Contracts Support Officer

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#### EXECUTIVE SUMMARY

A procurement process to establish a contract for the provision of Grass Cutting Services for various sites (in line with Schedule 23 of the tender documents) across Redland City Council was undertaken to assist the Operations and Maintenance Group in carrying out specific project work associated with this service.

In line with Section 484 (1) of the *Local Government Act 1993*, Council invited tenders for the provision of Grass Cutting Services for Schedule 23 across Redland City Council.

The tender documentation was developed with the objective of obtaining submissions from suitable individuals or entities who could demonstrate the ability to provide value for money and adequate capacity and capability to provide mowing services to parklands, walkways and other land in Schedule 23 of Redland City. These services are required only on the mainland.

The current arrangement with CS & JM Magill for the grass cutting services has been in place for a five (5) year period and was due to expire on 31 July 2010. The current service provider has agreed to extend the arrangement to 31 August 2010 under the terms and conditions of contract 1040-2005-PCO-02 and has signed all relevant documentation.

The tender was advertised in the public tenders section of:

- The Redland Times on 4 June 2010

- The Courier Mail on 5 June 2010
- The Bayside Bulletin on 8 June 2010

Tender documents were forwarded to thirty six (36) suppliers who responded to the advertisements expressing an interest in tendering for this type of goods/services/work.

Tender documents closed in the tender box located in the administration building, on the corner of Middle and Bloomfield Streets, Cleveland Qld 4163 on 28 June 2010 at 2 00 pm.

- At the close of tender, sixteen (16) submissions were received.

The evaluation panel was established and consisted of the following officers:

- Turf Services Officer
- Parks and Conservation Contracts Officer
- Supply Contracts Support Officer

Conforming submissions were evaluated on 6 July 2010 in line with pre-determined evaluation criteria.

The submission from CS & JM Magill Pty Ltd scored the highest in line with the pre-determined evaluation criteria and was considered to offer Council best value for money.

It is recommended that Council accept the submission from CS & JM Magill Pty Ltd and enter into a contract for goods/services/works to be carried out at various sites throughout Redland City mainland commencing 1 September 2010 for a period of two (2) years with the option to extend for a further three (3) one (1) year additional periods not exceeding a maximum term of five (5) years under the terms and conditions provided during the tender process. The anticipated value of this contract is approximately \$799,851.60 over the five (5) year period.

## **PURPOSE**

To request Council to approve and award a contract to CS & JM Magill Pty Ltd for grass cutting services for Schedule 23 for a period of two (2) years with the option to extend for a further three (3) one (1) year additional periods not exceeding a maximum term of five (5) years.

## Delegated Authority Requirements

Under section 472 of the *Local Government Act 1993*, Council delegated its powers under sections 18, 19 and 20 of the *Local Government Finance Standard 2005* to the Chief Executive Officer, subject to the following conditions:

1. To exercise delegated authority only if:
  - a. The requirements of sections 18 and 19 of the *Finance Standards* have been met; and
  - b. That the preferred maximum period of these arrangements be for two (2) years, unless better value can be achieved by entering into a longer agreement, and then for a period no longer than five (5) years;
2. To not sub-delegate this authority to any officer below General Manager level; and
3. To not exercise any delegated power in relation to establishing a purchasing arrangement, which has already been the subject of a resolution or other decision of the Council (including a policy decision relating to the matter); and
4. To not exercise any delegated power to establish purchasing arrangements which, to the delegate's knowledge, adversely affects, or is likely to adversely affect, the Council's relations with the public at large; and
5. To not exercise any delegated power in a manner or which has the foreseeable effect of being contrary to an adopted council policy.

Under section 1132 of the *Local Government Act*, the CEO has sub-delegated these powers to General Managers only, subject to the conditions listed above.

## BACKGROUND

The current arrangement for grass cutting services has been in place for a five (5) year period and is due to expire on 31 July 2010.

To ensure that this service provides value for money to Council, the tender was developed in accordance with the following evaluation criteria. Appropriate weightings were applied against each criterion. The allocated weightings for the respective criteria are summarised in the table below.

TENDER EVALUATION CRITERIA		
Mandatory Criteria	Reference to Tender Deliverable Attachment in Section B	Weighting
Form of Tender	Tender Deliverable Attachment – A	-
Insurances	Tender Deliverable Attachment – D	-
Other Criteria	Reference to Tender Deliverable Attachment in Section B	

Statement of Non Compliance	Tender Attachment – B	Deliverable	-
Tendered Sum [Value For Money]	Tender Attachment – C	Deliverable	20%
Referee Reports	Tender Attachment – E	Deliverable	10%
General Operational Capability and Experience	Tender Attachment – F	Deliverable	25%
Safety Management Plan	Tender Attachment – G	Deliverable	25%
Environmental Management Plan	Tender Attachment – H	Deliverable	20%

## Tender Process

### Summary of Evaluation

All conforming submissions received were assessed by the Evaluation Panel in line with financial and non-financial weighted evaluation criteria as specified in the table above.

1. Financial criteria represented twenty (20) % of the overall weighting
2. Non-financial criteria represented eighty (80) % of the overall weighting
3. Value for money index was determined by adding/combining the weighted financial score and the weighted non-financial score.

The non-financial criteria was assessed on a scale of 0–5

- 0 – No response provided
- 1 – Response provided is not relevant to the questions
- 2 – Response provided partially meets some but not all requirements
- 3 – Response provided meets standard requirements
- 4 – Response provided fully complies with and exceeds some requirements
- 5 – Response excellent and adds considerable value to the project/services

## FINANCIAL IMPLICATIONS

The annual expenditure is approximately \$159,970 and Operations & Maintenance Group, Customer Services Division has sufficient funds allocated in the 2010/2011 budget for this service. Funds for future financial years will be budgeted for accordingly.

## DETAILS OF RECOMMENDED SUPPLIER

The submission received from CS & JM Magill Pty Ltd met the relevant criteria and their submission was considered best value for money as they scored highest, in line



with the evaluation criteria. It is therefore recommended that Council accept the submission from CS & JM Magill Pty Ltd.

## **CONSULTATION**

Consultation and evaluation of this tender process included the following officers:

- Procurement Coordinator
- Principal Adviser, WH&S
- Supply Chain Manager

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's Outcome 1 "**Healthy Natural Environment**" – A diverse and healthy natural environment, with an abundance of native flora and fauna and rich ecosystems will thrive through our awareness, commitment and action in caring for the environment.

- 1.5 Co-ordinate effective management of the conservation estate on all (private and public) lands in Redlands, through a combination of incentives and various tenure and management arrangements to restore, maintain and plant new habitat.

## **COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Boglary  
Seconded by: Cr Townsend

**That Council resolve as follows:**

1. **That Council accept the tender to establish a contract with CS & JM Magill Pty Ltd for grass cutting services for Schedule 23 of Redland City for a period of two (2) years with the option to extend for a further three (3) one (1) year additional periods not exceeding a maximum term of five (5) years;**
2. **That the Chief Executive Officer be delegated authority to:**
  - a. **make, vary and discharge the contract in accordance with the agreed contract terms for any changes; and**
  - b. **Sign all relevant documentation.**

**CARRIED**

## **14 CORPORATE SERVICES & GOVERNANCE COMMITTEE 18/8/2010 RECEIPT AND ADOPTION OF MINUTES**

Moved by: Cr Ogilvie  
Seconded by: Cr Henry

That the Corporate Services & Governance Committee Minutes of 18 August 2010 be received.

CARRIED

### **14.1 OFFICE OF CEO**

#### **14.1.1 NOMINATION FOR LGMA QLD PRESIDENT**

**Dataworks Filename:** HRM – Professional Associations  
**Responsible Officer Name:** Gary Stevenson  
Chief Executive Officer  
**Author Name:** Gary Stevenson  
Chief Executive Officer

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#### **EXECUTIVE SUMMARY**

Nick Clarke, General Manager Governance, has indicated a wish to stand for the role President of Local Government Managers Australia (Queensland) during elections to be held in September 2010. In order to do so, he is seeking consideration by Council of its support for this nomination. Should his nomination be successful, he would assume the role of President for a period of one year, commencing in October 2010. There are benefits and other implications of a successful nomination, which are discussed in this report. The Chief Executive Officer is supportive of the proposal.

#### **PURPOSE**

The purpose of this report is to seek Council's support for a request by Nick Clarke, General Manager Governance, to nominate for election to the position of President, Local Government Managers Australia (Queensland).

#### **BACKGROUND**

Local Government Managers Australia (LGMA) is an umbrella body representing the interests of its members and is dedicated to the advancement of the local government profession within each state and nationally. Its members include local governments and local government professionals from all sectors of the industry. Its role includes the provision of a range of training and professional development opportunities; lobbying on policy and legislation; and generally working in association with national and state local government associations to improve the position of local government.

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LGMA is structured similarly to local government associations, with state boards and a national board. The LGMA's importance as a stakeholder in government is illustrated at national level through the National LGMA having a representative on the Australian Council of Local Governments and regular access to the Federal Minister; and at state level in Queensland through the regular meetings held with the Minister for Local Government.

The Board of LGMA (Qld) comprises eight members drawn from across the state, elected by the membership. The State Division Board then nominates two of its Board members as representatives to the National Board.

Nick Clarke has been a director of LGMA (Qld) since 2005 and a director of LGMA at a national level since 2007. He is currently Vice President of LGMA (Qld), a role which he has held for two of the last three years. This position does not provide automatic elevation to the role of President.

Each year, nominations are called to fill Board positions that fall vacant. The President's position, unlike other director roles, is called every year. It is permissible for a member to remain in the role of President for more than one year, if elected to do so. The role of President does not attract any remuneration. Reimbursement of legitimate expenses incurred in the role is provided by the LGMA (Qld).

It is Mr Clarke's intention, subject to the support of the CEO and Council, to nominate for election to the role of State President this year. Nominations are expected to be called for in late August, with an election to be held in September. The successful nominee will take up the role of President at the Annual General Meeting held during the LGMA (Qld) State Conference in October this year.

## **ISSUES**

If successful in obtaining this role, it will require extra work for Mr Clarke and some additional time away from the office.

With regard to workload, much of the extra administrative work relating to the President's role can be undertaken outside of normal office hours, without any adverse impact on his responsibilities to Council. Mr Clarke's current State Board responsibilities require him to attend six Board meetings per year, most of which are held in Brisbane, usually each requiring no more than four hours absence from the office. He also attends regular meetings (usually quarterly) with the Minister for Local Government and senior departmental officers. National Board meetings are usually held interstate and on weekends, with additional administrative workload between the quarterly Board meetings.

If his nomination for the State President is successful, it is his intention to resign his position on the National Board. This would assist him in offsetting the increased state-focussed workload to allow him to concentrate on the additional responsibilities that come with the State President's role.

As a member of LGMA and director, Mr Clarke usually attends a small number of LGMA events each year, with his travel, accommodation and registration costs met by Council. These include the National and Queensland State conferences, the SEQ Branch conference and occasional networking/training sessions.

As State President, he would be expected to attend these and a number of other events. The additional costs for attending these other events should be met by the LGMA (Qld). The additional events are expected to be: three branch conferences (two days each including travel); occasional meetings with the LGMA (Qld) CEO; senior staff from the Department of Infrastructure and Planning and the Local Government Minister's Office; and the LGAQ (all in Brisbane and requiring absences from the office of two to three hours on average). He may also attend the opening of other, mostly Brisbane-based events for short periods to support the membership.

There is no expectation of the need for overseas travel as a result of acceptance into this role.

During his time out of the office, Mr Clarke will be contactable through Council's phone and computer technology. He will check and respond to emails and messages several times per day when away from the Redlands. He will plan his work commitments around absences from the office to avoid any adverse impacts on his responsibilities to Council, which will take precedence.

### **Risk Implications and Four-way Test**

It is acknowledged the State President's role is an additional commitment and would take him away from the office on occasion. It is also acknowledged that his current Council role requires him to work outside normal office hours and substantially in excess of a 'standard' working week. The risks associated with taking on this extra responsibility will be mitigated through relinquishing his role on the National Board; by careful planning and prioritisation of his workload; and putting in a few extra hours when required.

As with his current Board role and membership of the LGMA, Mr Clarke would continue to manage any conflict of interest by removing himself from all discussion and decisions regarding financial support requested of the Council by the LGMA, e.g. sponsorship applications.

The *sustainability* of this proposal is evident from the defined tenure of the role and the strategies to mitigate its impacts. If successful, feedback would be sought from the CEO on a regular basis to ensure that there is no perceived negative impact on performance in his executive role with Council. The test of reasonableness (*caring*) includes regular feedback from his direct reports to ensure that they are not adversely impacted by his availability or delegation of work. In terms of *effectiveness* and *cleverness*, he would report on efforts to ensure that the potential benefits available to Council and its employees are being realised.

The CEO's previous experience in the LGMA State President's role will be of great assistance with respect to the above.

### **Benefits to Council**

There could be significant advantages to Redland City Council if the nomination is successful. These include:

- Lobbying access to State Ministers and advisors
- Networking with leading CEOs across the state to discuss contemporary issues affecting or of interest to Redland
- Closer working relationship with the LGAQ
- Access to learning opportunities on best practice or contemporary projects, policies and systems
- Involvement with development and influence of policy to enhance opportunities for local government in areas such as local government skill shortage; advancement of women in local government; regional development funding; population growth strategies; legislative reform; and cost shifting
- Advancement of Redland's profile at state level
- Recognition of Redland as a city supportive of the advancement of local government

Redland City Council is a strong supporter of LGMA and currently has seventeen staff who are members. Council is also a corporate member, attracting additional benefits. Our staff (members and non-members) regularly participates in LGMA leadership development programmes, such as: "The Future Leaders Forum"; the "The Propeller Programme"; "The Management Challenge"; and "The Year of Women in Local Government 2010 Mentoring Programme".

Our involvement with LGMA promotes local government as a career to our staff and seeing a member of Council's Executive Leadership Group in a significant state leadership role in local government sets a positive example.

### **RELATIONSHIP TO CORPORATE PLAN**

The recommendation supports outcome 8 – 'inclusive and ethical governance' by contributing to strategy 8.3 – 'establish and maintain effective partnerships with local, regional and national organisations and governments to deliver the visions and goals of the community. It also supports outcome 9 – 'an efficient and effective organisation' by contributing to strategies 9.1 – 'deliver excellent leadership throughout the organisation for the benefit of the community' and 9.2 – 'recruit and retain high quality staff and promote the organisation as an employer of choice'.

**FINANCIAL IMPLICATIONS**

There are unlikely to be any additional direct financial costs to Council if the nomination is successful, as costs associated with the extra duties of the President should be met by LGMA (Qld).

**PLANNING SCHEME IMPLICATIONS**

There are no planning scheme implications.

**CONSULTATION**

Mayor Melva Hobson

**OPTIONS****PREFERRED**

Council supports a nomination by Nick Clarke, General Manager Governance, for election to the role of President of the Local Government Managers Australia (Queensland) for the year commencing October 2010.

**ALTERNATIVE**

Council does not support the nomination.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve to support a nomination by Nick Clarke, General Manager Governance, for election to the role of President of the Local Government Managers Australia (Queensland) for the year commencing October 2010.**

**CARRIED**

## 14.2 GOVERNANCE

### 14.2.1 AUDIT COMMITTEE - CHARTER, MEMBERSHIP, CHAIRPERSON AND QUORUM

**Datworks Filename:** GOV Audit Committee  
**Attachment:** [Audit Committee Charter](#)  
**Responsible Officer Name:** Nick Clarke  
General Manager  
**Author Name:** Kylie Fernon  
Manager Internal

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#### EXECUTIVE SUMMARY

This report seeks Council's consideration of the membership of the Audit Committee as required by the new *Local Government Act 2009* (the Act) and the *Local Government (Finance, Plans and Reporting) Regulation 2010* (the Regulation).

#### PURPOSE

The purpose of this report is for Council to:

1. Appoint two (2) councillors to be members of the Audit Committee.
2. Re-affirm its appointment of Mr Len Scanlan and Mr Virendra Dua as external members of the Audit Committee for this term of Council.
3. Appoint a councillor as an alternate member of the Audit Committee.
4. Re-affirm its appointment of Mr Len Scanlan as chairperson of the Audit Committee for this term of Council.
5. Agree to a quorum of two (2) for the Audit Committee.
6. Approve the amended Audit Committee Charter.

#### BACKGROUND

The composition of Council's Audit Committee was established under the provisions of Sections 452, 453 and 454 of the *Local Government Act 1993* at the General Meeting of Council held on 29 April 2009 and reads as follows:

"The Audit Committee shall comprise the following with full voting rights:

- a) 2-3 independent external appointees, one of whom shall Chair the Audit Committee;
- b) The Mayor;
- c) Deputy Mayor; and
- d) Chair, Finance and Corporate Management Committee."

Section 159 of the Regulation provides for the membership of the Audit Committee as follows:

- “(1) The audit committee of a local government must –
- (a) consist of at least 3 and no more than 6 members; and
  - (b) include –
    - (i) 2, but no more than 2, councillors appointed by the local government; and
    - (ii) at least 1 member who has significant experience and skills in financial matters.
- (2) The chief executive officer can not be a member of the audit committee but can attend meetings of the committee.
- (3) The local government must appoint 1 of the members of the Audit Committee as chairperson.”

Section 63 of the Regulation provides for the appointment of alternate members of committees as follows:

- “(1) A local government that appoints a committee may appoint 1 person as an alternate member of the committee.
- (2) An **alternate member** of a committee is a person who attends meetings of the committee and acts as a member of the committee only if another member of the committee is absent from the meeting of the committee.”

A further significant change that has been made under Section 160 of the Regulation, which prescribes the details of Audit Committee Meetings, reads as follows:

- “(1) The Audit Committee of a local government must –
- (a) meet at least twice each financial year, and
  - (b) review each of the following matters –
    - (i) the internal audit plan for the internal audit for the current financial year;



- (ii) the internal audit progress report for the internal audit for the preceding financial year including the recommendations in the report and the actions to which the recommendations relate;
- (iii) a draft of the local government's general purpose financial statement for the preceding financial year before the statement is certified under section 161(2) and given to the auditor-general for auditing;
- (iv) the auditor-general's report about the local government's general purpose financial statement for the preceding financial year."

Amendments have been made to Council's Audit Committee Charter Corporate Policy-3008 (refer to attachment) to incorporate the new provisions of the Local Government Act 2009, the Local Government (Finance, Plans and Reporting) Regulation 2010 and the Local Government (Operations) Regulation 2010, as well as some minor administrative changes.

## ISSUES

Council is now required to reappoint the membership of the Audit Committee in line with the new legislative provisions, as well as confirm the appointment of the chairperson and the quorum.

It should be noted that as provided in the Regulation, no more than two Councillors are to be appointed by the local government and at least one member of the Audit Committee is to have significant experience and skills in financial matters.

This will result in a reduction of councillor participation from three to two members.

Section 160(2)(a) of the Regulation requires the quorum to be at least half the number of the members of the Committee.

In appointing the chairperson, section 159(3) of the Regulation provides that the chairperson may be any member of the Audit Committee.

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's Outcome 8 – Deep engagement, quality leadership at all levels, transparent and accountable democratic processes and a spirit of partnership between the community and Council will enrich residents' participation in local decision making to achieve the community's Redlands 2030 vision and goals.

- 8.5 Be transparent and consistent in the way we manage the organisation, its risks and obligations and ensure we are delivering against our priorities.

## **FINANCIAL IMPLICATIONS**

There are no additional financial implications as a result of the new Act and Regulation requirements.

## **CONSULTATION**

Consultation was undertaken with the Mayor, Councillors Ogilvie and Elliott, the CEO, and the two current external audit committee members, Mr Scanlan and Mr Dua.

## **OFFICER'S RECOMMENDATION/**

That Council resolve as follows:

1. To appoint two (2) councillors to be members of the Audit Committee;
2. To re-affirm the appointment of Mr Len Scanlan and Mr Virendra Dua as external members of the Audit Committee for this term of Council;
3. To appoint a councillor as an alternate member of the Audit Committee;
4. To re-affirm the appointment of Mr Len Scanlan as chairperson of the Audit Committee for this term of Council;
5. To agree to a quorum of two (2) for the Audit Committee; and
6. To approve the amended Audit Committee Charter.

## **COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

That Council resolve as follows:

1. **To appoint Cr Melva Hobson and Cr Craig Ogilvie as members of the Audit Committee;**
2. **To re-affirm the appointment of Mr Len Scanlan and Mr Virendra Dua as external members of the Audit Committee for this term of Council;**
3. **To appoint Cr Murray Elliott as an alternate member of the Audit Committee;**
4. **To re-affirm the appointment of Mr Len Scanlan as chairperson of the Audit Committee for this term of Council;**
5. **To agree to a quorum of two (2) for the Audit Committee; and**
6. **To approve the amended Audit Committee Charter.**

**CARRIED**

### Audit Committee Charter

#### Head of Power

The Audit Committee is established in accordance with Subdivision 2, Sections 157 – 160 of the Local Government (Finance, Plans and Reporting) Regulation 2010 (the Regulation). It has no line authority in itself and does not replace the management responsibilities of Executive Management, but rather acts as a source of independent advice to the Chief Executive Officer (CEO) and to Council. It in no way diminishes management's responsibility to maintain an adequate governance and internal control system and manage risks.

#### 1.1 Establishment

It is the policy of Redland City Council to maintain an Audit Committee in accordance with the Regulation.

This Charter establishes the responsibilities and explains the role of the Audit Committee within the Council.

The internal control system is the plan of the organisation and all the policies and methods adopted by and required of management, to assist in achieving the Council's Corporate Plan and legislative responsibilities.

It is management's responsibility to maintain an adequate internal control system. An effective internal control system provides assurance to management and Council that:

- The conduct of business is orderly and efficient;
- irregularities are prevented as far as possible, and are detected and reported should they occur;
- Assets are safeguarded from unauthorised use or disposition;
- Financial records and other information systems completely and accurately reflect the entire operational activities of Council and permit the timely preparation of financial information;
- Strategic and operational risks are being managed;
- Statutory responsibilities are being met; and
- Governance systems are effective.

The control environment closely reflects corporate attitudes towards control and can influence the internal control system, both in terms of design and the way the system works from day to day.

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**Department:** Governance  
**Group:** Internal Audit  
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**Effective date:**  
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The control environment consists of the following:

- Management's philosophy and operating style;
- The organisational structure and operating policies;
- The assignment of authority and responsibilities;
- The Internal Audit function;
- Policies about the use of information technology;
- Policies about human resources; and
- The Audit Committee.

### 1.2 Objectives

The primary objective of the Audit Committee is to assist Council in fulfilling its corporate governance role and oversight of financial management and reporting responsibilities imposed under the *Local Government Act 2009* and other relevant legislation. More specifically the Committee will:

- Enhance the ability of Councillors to discharge their legal responsibility to exercise due care, diligence and skill in relation to compliance with applicable laws and policy.
- Add to the credibility and objectivity of financial reports.
- Ensure the independence and effectiveness of Council's Internal Audit function.
- Monitor the application of appropriate accounting and disclosure policies.
- Monitor existing corporate policies and recommend new corporate policies to prohibit unethical, questionable or illegal activities.
- Advise Council regarding its management of its strategic risks.
- Provide a communication link between management, internal and external audit and Council.
- Promote the need for public accountability of managers to Council, the ratepayers and other interested parties.
- Support measures to improve managerial performance and internal controls and the minimisation of risks and fraud.
- Encourage and support a culture of proper governance and control at all levels within Council.

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**Department:** Governance  
**Group:** Internal Audit  
**Approved:**

**Effective date:**  
**Version:**  
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### 1.3 Composition

Section 159 of the Regulation specifies that the Audit Committee of a local government must consist of at least 3 and no more than 6 members.

Section 63 of the Regulation provides for the appointment of an alternate member who “attends meetings of the committee and acts as a member of the committee only if another member of the committee is absent from the meeting of the committee”.

The Audit Committee shall comprise the following with full voting rights:

- 2 councillors (at least one must have significant experience and skills in financial matters);
- 2 independent external appointees;
- An alternate member in the event that one of the above members is unable to attend; and
- Council will appoint one of the four committee members as chairperson.

The Manager Internal Audit will act as Secretary of the Audit Committee but has no voting rights.

The Chief Executive Officer and all General Managers will attend each meeting where appropriate, but are not members of the Audit Committee and do not have voting rights. Similarly, Councillors who are not members of the Committee may attend each meeting but do not have voting rights.

The Queensland Audit Office and its representatives have an open invitation to attend each meeting.

Other Council officers will be invited by the Audit Committee to attend committee meetings as and when required to assist the Committee.

To improve the level of independence and objectivity, two suitably qualified independent external members will be appointed to the Committee under terms and conditions resolved by Council from time to time.

Section 160(2) of the Regulation requires a quorum of 3.

### 1.4 Independence and Access

The Audit Committee will liaise closely with management and internal and external audit to carry out its responsibilities. However, the Audit Committee has no executive authority, nor responsibility in implementing any of its recommendations.

Whilst the primary responsibility for financial and other reporting, internal control, risk, ethics and compliance with laws and policies within Council rests with management, the Audit Committee will exercise a monitoring and review role.

The Audit Committee shall have the authority to seek information it requires from any person employed by Council, or employees of business units controlled by Council in order to fulfill its oversight responsibilities.

The Audit Committee is authorised to consult independent experts for advice, as it considers necessary, to execute its duties and responsibilities.

Requests for Council officers, employees of business units and independent experts to attend an Audit Committee meeting or provide information will be undertaken through the Chief Executive Officer and be in accordance with Council policies.

### **1.5 Role and Responsibilities of the Audit Committee**

#### **1.5.1 Control and Policies**

- Evaluate and monitor the integrity, adequacy and effectiveness of finance, administrative and operating systems, policies and procedures through communication with, and reports from management, external and internal audit.
- Monitor the standard of corporate governance and ethical considerations.
- Monitor compliance with statutory, regulatory and policy obligations.
- Review the effective operation of an accounting and financial control and risk environment.
- Review the Internal Audit Plan for the current financial year.
- Review the progress of the Internal Audit Plan and the implementation of recommendations. With respect to audit recommendations, Internal Audit will follow up each recommendation when the implementation date falls due. It is expected that management will set realistic implementation dates. In the event of unforeseen circumstances an initial extension can be approved by either the General Manager or the CEO. Requests for second and subsequent extensions are to be considered by the Audit Committee.

#### **1.5.2 Financial Reporting**

- Review financial information, particularly end of year financial information, with a view to being satisfied as to its accuracy and timeliness and the inclusion of all appropriate disclosures.
- Review any changes in accounting practices or policies or material change in accounting treatment.
- Review and make recommendations as to issues in relation to end of year financial statements, context of monthly reports and internal and external reports.
- Review the Council's financial status and performance.

#### **1.5.3 Internal and External Audit**

- Oversee Council's external audit and consider audit findings and management's response to the external auditor's management letter.

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**CMR Team use only**

**Department:** Governance  
**Group:** Internal Audit  
**Approved:**

**Effective date:**  
**Version:**  
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- Endorse internal audit plans.
- Review the audit plans of the internal and external auditors and the extent to which planned audit scope can be relied upon to detect weaknesses in internal control, risk, fraud or other illegal acts.
- Review internal audit reports and findings; and
- Review the status of the follow-up and the implementation of recommendations made by internal and external auditors.

### 1.5.4 Other

- Monitor Council's risk management strategies, policies and procedures.
- Advise on the management of Council's strategic risks. The Audit Committee may identify specific risks for more detailed review and discussion.
- Seek assurance from those in attendance at meetings and from information presented at meetings that the implementation of the Operational Plan continues to focus on the adequacy and effectiveness of internal controls and the minimisation of risk.

### 1.6 Meetings and Reporting

The Audit Committee shall meet as often as it determines, desirably quarterly, but in no case less than twice per year. One meeting will be scheduled to enable consideration of the annual audited financial statements. Other meetings will be scheduled as determined by the Audit Committee.

The Manager Internal Audit will pre-circulate agendas to Audit Committee members and appropriate attendees, after consultation with the CEO and General Manager Governance. The Corporate Meetings and Registers Team will be responsible for the production of Minutes for each Audit Committee meeting.

The Audit Committee will report to the next scheduled Corporate Services and Governance Committee Meeting of Council, following each Audit Committee meeting.

The CEO will oversee the Report of the Audit Committee to the Corporate Services and Governance Committee and will be responsible for providing an appropriate briefing to the Audit Committee Chair.

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## 14.2.2 LEGISLATIVE AND ADMINISTRATIVE AMENDMENTS TO THE INTERNAL AUDIT CHARTER

**Dataworks Filename:** GOV Internal Audit Charter  
**Attachment:** [Internal Audit Charter POL-3009](#)  
**Responsible Officer Name:** Nick Clarke  
General Manager  
**Author Name:** Kylie Fernon  
Manager Internal Audit

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### EXECUTIVE SUMMARY

This report provides a summary of the legislative and administrative amendments to the Internal Audit Charter and recommends that Council note these amendments.

### PURPOSE

The purpose of this report is for Council to note the legislative changes to the Internal Audit Charter, which was amended to incorporate the provisions of the *Local Government (Finance, Plans and Reporting) Regulation 2010*, as well as some minor administrative changes.

### BACKGROUND

Summary of the Local Government (Finance, Plans and Reporting) Regulation 2010 Requirements for the Internal Audit Function

#### 1. Requirement to Establish an Internal Audit Function

Section 155(1) requires Council to carry out an internal audit function each financial year.

#### 2. Definition of Internal Audit

Section 155(2) states:

***“Internal Audit*** is the assessment and evaluation of the control measures that the local government has adopted, or is to adopt, to manage the risks (***operational risks***) to which the local government’s operations are exposed.”



### 3. Internal Audit Plans

Section 155(3) states:

“The local government must –

- (a) prepare an internal audit plan for the internal audit for each financial year; and
- (b) monitor the implementation of the plan.”

Section 155(4) states:

“In preparing the internal audit plan the local government must –

- (a) evaluate the operational risks; and
- (b) have regard to the relevant accounting documents.”

Section 155(5) states:

“The local government’s *internal audit plan* is a document stating –

- (a) the way in which the operational risks have been evaluated; and
- (b) the most significant operational risks identified from the evaluation; and
- (c) the control measures that the local government has adopted, or is to adopt, to manage the most significant operational risks; and
- (d) the way in which the local government has had regard to the relevant accounting documents in preparing the plan.”

#### 4. Internal Audit Reporting

Section 156 states:

- “(1) A local government must prepare an internal audit progress report for the internal audit for each financial year.
- (2) The local government’s *internal audit progress report* is a document stating –
- (a) the control measures that the local government has adopted that were assessed by the internal audit; and
  - (b) the way in which the internal audit was carried out; and
  - (c) the observations of the person carrying out the internal audit.....; and
  - (d) any recommendations of the person who conducted the audit.....; and
  - (e) a summary of the chief executive officer’s response.....; and
  - (f) a summary of the actions taken by the local government in response to the recommendations.....”

#### 5. Internal Audit Reporting to the Audit Committee

Section 156(3) states:

“The local government must give its audit committee, if it has one, or its chief executive officer –

- (a) the internal audit progress report; and
- (b) at least twice during the year after the internal audit is carried out, each of the following documents –
  - (i) a summary of the recommendations stated in the report;
  - (ii) a summary of the actions that have been taken by the local government in response to the recommendations;
  - (iii) a summary of any actions that have not been taken by the local government in response to the recommendations.”

## ISSUES

Council is required to approve the legislative changes to the Internal Audit Charter, which was amended to incorporate the provisions of the *Local Government (Finance, Plans and Reporting) Regulation 2010*, as well as some minor administrative changes.

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's Outcome 8 – Deep engagement, quality leadership at all levels, transparent and accountable democratic processes and a spirit of partnership between the community and Council will enrich residents' participation in local decision making to achieve the community's Redlands 2030 vision and goals.

8.5 Be transparent and consistent in the way we manage the organisation, its risks and obligations and ensure we are delivering against our priorities.

## FINANCIAL IMPLICATIONS

There are no financial implications as a result of the new legislative requirements.

## CONSULTATION

Consultation was undertaken with the CEO and the Audit Committee members.

## OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve to approve the amended Internal Audit Charter.**

**CARRIED**

### Internal Audit Charter

#### Head of Power

Section 155(1) of the Local Government (Finance, Plans and Reporting) Regulation 2010 (the Regulation), requires Council to carry out an internal audit each financial year. The Internal Audit function must include the elements contained in sections 155 (Internal Audit) and 156 (Internal Audit Progress Report) of the Regulation.

This policy support's Council's priority to deliver an efficient and effective organisation. This includes transparent and effective processes, good governance and a commitment to act in accordance with the 'local government principles' (see section 4 of the Local Government Act 2009).

#### Introduction

This policy outlines the purpose, authorities and responsibilities of the Internal Audit function at the Redland City Council.

Section 155(2) of the Local Government (Finance, Plans and Reporting) Regulation 2010 defines **internal audit** as "the assessment and evaluation of the control measures that the local government has adopted, or is to adopt, to manage the risks (operational risks) to which the local government's operations are exposed".

Internal Audit provides the CEO and senior management with assurance that internal control systems are efficient, effective and economically viable, and that risk is appropriately addressed so objectives can be met.

Internal Audit operates as an independent function within Council, reporting directly to the CEO and the Audit Committee with respect to audit/investigation findings. For administrative/financial/employee management, Internal Audit reports to the General Manager Governance.

Internal Audit reviews and advises on:

- Legislative and policy compliance;
- Operational cost-effectiveness and efficiency;
- Reliability of financial and related management information;
- Use of public funds and assets under Council's control; and
- Adequacy and accuracy of accounting and computing systems.

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Internal Audit also:

- Conducts investigations requested by the CEO;
- Provides an advisory function concerning business improvement processes and systems of internal controls; and
- Manages and co-ordinates the general complaints process for resolving administrative action complaints and complaints about the conduct and performance of councillors.

The Internal Audit function is not legally or professionally responsible for preventing irregularities. Irregularities include fraud, other illegal acts and errors. The responsibility for the prevention of irregularities rests with Council through the implementation and continued operation of an adequate internal control system. However in exercising due professional care, officers of the Internal Audit function should be alert to the possibility of irregularities and those conditions and activities where irregularities are most likely to occur.

### **Internal Audit Resourcing**

Internal Audit services are provided by an in-house team consisting of:

- Manager Internal Audit
- Senior Internal Auditors (x2)
- Administrative Assistant

Information Technology and specialist audit services support will be engaged as required. All internal audits conducted by external support will be undertaken under the control of the Manager Internal Audit and the results reported through the normal process.

### **Scope and Objective of Internal Audit**

The Internal Audit coverage may extend to all areas of the organisation and include financial, accounting, administrative, computing and other operational activities.

The extent and frequency of internal audits will depend upon varying circumstances such as results of previous audits, relative risk associated with activities, materiality, the adequacy of the system of internal control and the resources available.

The objective of Internal Audit is to provide management and Council with independent advice in relation to:

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- Reviewing and appraising the adequacy and effectiveness of the system of internal controls.
- Appraising the relevance, reliability and integrity of management, financial and operating data and reports.
- Reviewing the systems established to ensure compliance with those policies, plans, procedures, statutory requirements and regulations which could have a significant impact on operations.
- Reviewing the means of safeguarding assets and, as appropriate, verifying the existence of such assets.
- Appraising the economy, efficiency and effectiveness with which resources are employed.
- Reviewing operations or programs to ascertain whether results are consistent with Council's established objectives and goals and whether the operations or programs are being carried out as planned.
- Assessing the adequacy of established systems and procedures.
- Conducting special assignments and investigations on behalf of the CEO into any matter or activity affecting the probity, interests and operating efficiency of the organisation.
- Promoting accountability.
- Assisting management in the achievement of Council's Corporate Plan.
- The improvement and effectiveness of risk management, legal compliance, internal control and Governance systems.

### **Audit Methodology**

For all audits undertaken, the manager for the activity under review shall be advised and given the opportunity to discuss:

- a. The objectives and scope of the audit to be conducted, prior to the commencement of such audit; and
- b. The findings and proposed recommendations on the completion of an audit, and, where appropriate, make comment.

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### **Independence**

To be effective, the Internal Audit function must be able to operate without being influenced or restricted when undertaking its responsibilities. For this purpose the manager of the Internal Audit function reports directly to the CEO and the Audit Committee with respect to audit/investigation findings. For administrative/financial/employee management, Internal Audit reports to the General Manager Governance.

To further strengthen the independence and effectiveness of Council's Internal Audit function, the manager of that function has access to the chairperson of the Audit Committee.

The Internal Auditors:

1. Shall have no executive or managerial powers, functions or duties except those relating to internal audit.
2. Shall not be involved in the day-to-day operation of the organisation.
3. Shall not be responsible for the detailed development or implementation of new systems and procedures.

### **Authority**

The Manager Internal Audit is authorised to direct a broad, comprehensive program of Internal Auditing within Council in accordance with the Internal Audit Charter and established management policies and directives.

Internal Audit staff in the course of their duties, have full, free and unrestricted access to all records, monies, materials, assets, property and personnel and are permitted to examine all transactions, review all policies, procedures and functions in Council.

Information acquired by Internal Audit staff in the course of their duties must remain confidential and must not be used for purposes outside the scope of the audit review.

All members of management and staff must fully co-operate with Internal Audit in relation to matters subject to review. If difficulties arise in this regard, the matter is to be escalated to the Manager Internal Audit or CEO to resolve. Internal Audit for their part will provide a professional service that will be conscious of and sensitive to the work constraints and responsibilities of others and seek consensus on issues wherever possible.

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### Responsibilities

The Manager Internal Audit is responsible for:

- Informing and advising management and Council on the adequacy of controls, risk and governance practices within Council and discharging this responsibility in a manner which is consistent with the Institute of Internal Auditors professional standards and the framework of established Internal Audit scope and objectives.
- Performing audits so as to best achieve Internal Audit objectives within the overall strategic and corporate objectives of Council.
- Developing and maintaining effective liaison with the Council's external auditors.
- Developing and executing a comprehensive three year audit plan over all major Council activities approved by the Chief Executive Officer.
- Scope of Audits.

Internal Audit have neither direct responsibility for nor authority over any of the operations of staff whose activities are subject to audit review.

Internal Audit will where necessary, act on a consultative basis with project teams, established committees and line management to provide advice on increasing operational efficiencies and strengthening internal controls and mitigating risks in the achievement of Council's corporate, strategic and business objectives.

Internal Audit review and appraisal does not in any way relieve others of their assigned responsibilities and accountability.

### Audit Plan

The internal audit plan is to state:

- (a) The way in which Council's operational risks have been evaluated;
- (b) The most significant operational risks identified from the evaluation;
- (c) The control measures that Council has adopted, or is to adopt, to manage the most significant operational risks; and
- (d) The way in which Council has had regard to the relevant accounting documents in preparing the plan.

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### **Audit Reports and Recommendations**

The Manager Internal Audit shall annually submit to the Chief Executive Officer and Audit Committee a report summarising significant issues arising out of audits undertaken during the year. The report should include reference to areas where weaknesses were consistently encountered, suggested remedial measures and any general observations or recommendations considered appropriate.

Internal Audit shall be conscious of the need for good relations with all levels of management. In terms of achieving this, Internal Audit will, prior to commencement of each audit, agree with the Group Manager where possible, a mutually convenient time to commence the Audit, inform them and their line management of the audit objectives, the approach to be adopted and the method of reporting.

Further, Internal Audit will seek management's input throughout the whole audit process, particularly during the planning phase, in order to address issues which are of concern to them, provided it is in the scope of Audit.

During, and at the completion of any review, Internal Audit will discuss their findings and recommendations with the line manager concerned. The desired result being that Internal Audit and Management agree on the findings and jointly develop any recommendations considered necessary.

A draft report will be issued in the first instance to ensure accuracy and agreement, but must be responded to by the appropriate Group Manager/s within 7 days of issue. Following return of the draft report from the Group Manager/s, the draft report will be issued to the appropriate General Managers/s for approval to issue as a final report.

Upon General Manager approval, a final report will be issued to all General Managers, Chief Executive Officer, Mayor, Audit Committee and the External Auditor.

A report on the status of agreed recommendations of each audit report will be given by the Manager, Internal Audit at each Audit Committee meeting.

Internal Audit will follow up each recommendation when the implementation date falls due. It is expected that management will set realistic implementation dates. In the event of unforeseen circumstances an initial extension can be approved by either the General Manager Governance or the CEO. Second and subsequent extensions are to be approved by the Audit Committee.

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### Reporting to the Audit Committee

The Manager of Internal Audit is to provide the following reports at each Audit Committee meeting:

1. Internal audit progress report.
2. Summary of the recommendations stated in the report.
3. Summary of the actions that have been taken by management in response to the recommendations.
4. Summary of any actions that have not been taken by management in response to the recommendations.
5. Summary of second and subsequent extensions of audit recommendations for consideration and approval by the Audit Committee.

### Relationship between Internal Audit and External Audit

Internal Audit reports and associated work papers will be available for review by the external auditor's representatives.

Both parties should discuss their audit plans on a regular basis to ensure that the widest coverage can be undertaken using the available resources and that duplication of effort is minimised.

### Management

The Manager, Internal Audit is to provide written policies and procedures to guide the Internal Audit staff.

The Manager, Internal Audit is to establish and maintain a quality assurance function and evaluate the operations of the Internal Audit function within the Council.

The Manager, Internal Audit will be guided by the standards of the Institute of Internal Auditors and will be active in implementing modern auditing techniques.

When auditing systems, all auditors will generally adopt a "Systems-Based Auditing" approach, which involves the identification of the key controls within each relevant system and an assessment of the extent to which each control can be relied upon to ensure the integrity of output from the system.

A comprehensive set of audit working papers shall be prepared during each assignment. The working papers shall include planning rationale, systems documentation, details of auditing procedures, results of testing, discussion records,

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a report on each system audited and correspondence with senior and line management, etc.

### **Staffing**

All auditors will have professional qualifications to the level required for the grade of auditor.

Auditors must be willing to keep abreast of current advances in modern auditing, data processing, management and control techniques.

An appropriate number of days shall be devoted to staff training. This shall comprise a combination of attendances at internal and external seminars and conferences, and courses organised by Council and other professional bodies.

The staffing of Internal Audit may comprise other disciplines with qualifications and experience as deemed appropriate should the circumstances arise.

The staffing structure of Internal Audit shall be of a mix to satisfactorily achieve the Group's objectives.

The Manager, Internal Audit shall maintain job descriptions for all positions in the Group.

### **Performance Measures/Indicators**

Records will be maintained of times spent on each audit and on other projects.

Productive audit time and performance objectives will be set and monitored.

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**14.2.3 APPOINTMENT OF BRISBANE SHOW HOLIDAY IN THE REDLANDS 2011**

**Datworks Filename:** HRM Gazetted Public Holidays  
**Responsible Officer Name:** Nick Clarke  
General Manager Governance  
**Author Name:** Tina Marshall  
Executive Officer to CEO

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**EXECUTIVE SUMMARY**

The Attorney General and Minister for Industrial Relations wrote to Council on 29 July 2010 seeking Council's application for the appointment of a show holiday for the district in 2011. In the past, Council has considered this matter in relation to the Brisbane Show holiday and maintained the status quo by applying for the holiday on the Monday of the week the Brisbane Show holiday is declared. This report recommends that Council continues this tradition by nominating Monday 15 August 2011 as the show holiday for next year.

**PURPOSE**

This report is presented with a recommendation to Council to resolve to make a request to the Attorney General and Minister for Industrial Relations under Section 4 of the *Holidays Act 1983* for a 'Brisbane Show Holiday in Redlands' for 2011.

**BACKGROUND**

Each year Council receives a request from the Minister responsible for the administration of the *Holiday Act 1983* for Council to determine a date for a show holiday the next year.

Council's Marketing & Communications Group was asked by councillors last year to undertake some preliminary assessment of the community's views about the timing of the show holiday. In particular, responses were sought regarding the retention of the holiday to align with the Brisbane Show holiday week, or to reassign the holiday date to support another local event.

The community consultation was conducted in a 'low key' manner to gauge interest from a survey of 500 members of Council's 'Redlands Pulse' and attendees at a Cleveland Central Business Forum. The intention was to provide an indicator of the community's interest in alternative options before deciding whether to seek broader input. Neither process resulted in a significant desire for change to the current arrangements, so, following consultation with councillors, further consultation was not conducted.

The Brisbane Show holiday is proposed to be held on Wednesday 17 August 2011. Council is required to nominate its preference for the 'Brisbane Show Holiday in Redlands'. It is suggested that to maintain the existing arrangements and community

expectations, that Council nominates Monday 15 August 2011. Council's application for the district holiday must be received by the Minister before 8 October 2010.

## **ISSUES**

### BUSINESS ISSUES

The Brisbane Show holiday in the Redlands has always been provided on a different day from the Brisbane Show holiday as, amongst other reasons, it provides benefits to business.

### COMMUNITY ISSUES

The community consultation is discussed earlier in this report.

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation lends support to 'strong and connected communities' and 'supportive and vibrant economy'.

## **FINANCIAL IMPLICATIONS**

There are no unbudgeted financial implications for Council as the costs of the show holiday have been considered and funded in the current budget.

## **CONSULTATION**

Two community surveys were conducted to research community attitudes toward the scheduling of the Redlands show holiday.

1. An online survey distributed to approximately 500 members of Redland City Council's online community reference group "Redlands Pulse".
2. A paper-based survey distributed to approximately 100 local businesses that participated in the Cleveland Central business forum.

Councillors were consulted before and after the community consultation phase.

## **OPTIONS**

### **PREFERRED**

That Council resolve to give notice, prior to the deadline of 8 October 2010, in accordance with Section 4 of the *Holidays Act 1983*, to the Attorney General and Minister for Industrial Relations, that a 'Brisbane Show Holiday in the Redlands' be appointed as a special holiday in Redland City on Monday 15 August 2011.

**ALTERNATIVE**

That Council resolve to give notice as above but specifying another date for the show holiday.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Townsend

**That Council resolve to give notice, prior to the deadline of 8 October 2010, in accordance with Section 4 of the *Holidays Act 1983*, to the Attorney General and Minister for Industrial Relations, that a 'Brisbane Show Holiday in the Redlands' be appointed as a special holiday in Redland City on Monday 15 August 2011.**

**CARRIED** (unanimously)

**14.2.4 COUNCILLORS' COMMUNITY BENEFIT FUND QUARTERLY REPORT**

**Dataworks Filename:** G&S Reconciliation – Councillors' Community Benefit Fund

**Attachment:** [Reconciliation 1 May 2010 to 30 June 2010](#)

**Responsible Officer Name:** Nick Clarke  
General Manager Governance

**Author Name:** Tina Marshall  
Executive Officer

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**EXECUTIVE SUMMARY**

The purpose of this report to provide financial information on the Councillors' Community Benefit Fund.

**PURPOSE**

The report provides an update of the activities from the funding scheme for 1 May to 30 June 2010.

**BACKGROUND**

POL 2034 Councillors' Community Benefit Fund included the commitment to report quarterly to Council on the expenditure of funds through the appropriate committee.

**ISSUES**

The Local Government (Finance, Plans and Reporting) Regulation 2010 prohibits continuance of the Council's Councillors' Community Benefit Fund scheme. The Council's Policy and Guideline was subsequently revoked (effective 1 July 2010).

This will be the final report for the Councillors' Community Benefit Fund.

**RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Outcome 9 'an efficient and effective organisation' – Council is well respected and seen as an excellent organisation which manages resources in an efficient and effective way.

**FINANCIAL IMPLICATIONS**

Applications were submitted and processed in accordance with Guideline 2034 Councillors' Community Benefit Fund.

**CONSULTATION**

The report was produced in consultation with officers from the Office of the CEO.

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**OPTIONS**

That Council resolve to note the contents of this report.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve to note the contents of this report.**

**CARRIED**



**Councillors Community Benefit Fund  
Reconciliations  
1 May 2010 to 30 June 2010**

DATE	GRANT	DIVISION	COUNCILLOR	PROJECT DESCRIPTION	OPENING BALANCE	YTD COMMITTED *	FINANCE ONE ERROR	YTD EXPENDITURE **	TOTAL FUNDS AVAILABLE
		1	Cr Wendy Boglary		\$ 58,668.00			\$ 51,057.00	\$ 7,611.00
		2	Cr Craig Ogilvie		\$ 55,172.00			\$ 18,181.00	\$ 36,991.00
		3	Cr Debra Henry		\$ 51,227.00	\$ 22,060.00		\$ 26,928.00	\$ 2,239.00
		4	Cr John Burns		\$ 70,767.00	\$ 15,292.00		\$ 32,558.00	\$ 22,917.00
		5	Cr Barbara Townsend		\$ 56,108.00			\$ 55,852.00	\$ 256.00
		6	Cr Toni Bowler		\$ 55,494.00			\$ 54,615.00	\$ 879.00
		7	Cr Murray Elliott		\$ 50,351.00			\$ 49,362.00	\$ 989.00
		8	Cr Kathy Reimers		\$ 63,111.00			\$ 43,045.00	\$ 20,066.00
		9	Cr Karen Williams		\$ 50,182.00			\$ 50,182.00	\$ -
		10	Cr Helen Murray		\$ 63,613.00			\$ 47,486.00	\$ 16,127.00
					\$ 574,693.00	\$ 37,352.00	\$ -	\$ 429,266.00	\$ 108,075.00

**NOTES:**

\* YTD Committed

Division 3, Cr Debra Henry - Grant Number 1421, Project for William Stewart Park (install shade structure) was unable to be completed by the Project Delivery Group in the 2009/2010 Financial Year. Therefore funds were returned to the Division 3 portion of the CCBF for carry-over into 2010/2011. Project now scheduled for 2010/2011.

Division 4, Cr John Burns - Grant Number 1422, Project for Ern & Alma Dowling Memorial Park (Shade Awning) was unable to be completed by the Project Delivery Group in the 2009/2010 Financial Year. Therefore funds were returned to the Division 4 portion of the CCBF for carry-over into 2010/2011. Project now scheduled for 2010/2011.

\*\* YTD Expenditure

Figures shown are based on Financial Reporting Period 13 which captures all End of Year Transactions for 2009/2010 not reported by 30 June 2010



# Job Activity Analysis by SGA Account

## 001 Chief Executive Office Management

**Redland**  
CITY COUNCIL

Job Number SGA Description

	Revised Annual Budget	YTD Revised Budget	YTD Actuals	YTD Variance \$	YTD Variance %
<b>10301 Division 1 Community Benefit Fund</b>					
001 Chief Executive Office Management	58,668	58,668	51,057	7,611	13 %
	<b>58,668</b>	<b>58,668</b>	<b>51,057</b>	<b>7,611</b>	<b>13 %</b>
<b>10302 Division 2 Community Benefit Fund</b>					
001 Chief Executive Office Management	55,172	55,172	18,181	36,991	67 %
	<b>55,172</b>	<b>55,172</b>	<b>18,181</b>	<b>36,991</b>	<b>67 %</b>
<b>10303 Division 3 Community Benefit Fund</b>					
001 Chief Executive Office Management	51,227	51,227	26,928	24,299	47 %
	<b>51,227</b>	<b>51,227</b>	<b>26,928</b>	<b>24,299</b>	<b>47 %</b>
<b>10304 Division 4 Community Benefit Fund</b>					
001 Chief Executive Office Management	70,767	70,767	32,558	38,209	54 %
	<b>70,767</b>	<b>70,767</b>	<b>32,558</b>	<b>38,209</b>	<b>54 %</b>
<b>10305 Division 5 Community Benefit Fund</b>					
001 Chief Executive Office Management	56,108	56,108	55,852	256	- %
	<b>56,108</b>	<b>56,108</b>	<b>55,852</b>	<b>256</b>	<b>- %</b>
<b>10306 Division 6 Community Benefit Fund</b>					
001 Chief Executive Office Management	55,494	55,494	54,615	879	2 %
	<b>55,494</b>	<b>55,494</b>	<b>54,615</b>	<b>879</b>	<b>2 %</b>
<b>10307 Division 7 Community Benefit Fund</b>					
001 Chief Executive Office Management	50,351	50,351	49,362	989	2 %
	<b>50,351</b>	<b>50,351</b>	<b>49,362</b>	<b>989</b>	<b>2 %</b>
<b>10308 Division 8 Community Benefit Fund</b>					
001 Chief Executive Office Management	63,111	63,111	43,045	20,066	32 %
	<b>63,111</b>	<b>63,111</b>	<b>43,045</b>	<b>20,066</b>	<b>32 %</b>
<b>10309 Division 9 Community Benefit Fund</b>					
001 Chief Executive Office Management	50,182	50,182	50,182	0	- %
	<b>50,182</b>	<b>50,182</b>	<b>50,182</b>	<b>0</b>	<b>- %</b>
<b>10310 Division 10 Community Benefit Fund</b>					
001 Chief Executive Office Management	63,613	63,613	47,486	16,127	25 %
	<b>63,613</b>	<b>63,613</b>	<b>47,486</b>	<b>16,127</b>	<b>25 %</b>
<b>10787 Employee Fellowship Program</b>					
001 Chief Executive Office Management	34,000	34,000	23,529	10,471	31 %
	<b>34,000</b>	<b>34,000</b>	<b>23,529</b>	<b>10,471</b>	<b>31 %</b>
<b>11000 Admin - CEO Management</b>					
001 Chief Executive Office Management	1,783,504	1,783,504	1,933,276	(149,772)	(8)%
	<b>1,783,504</b>	<b>1,783,504</b>	<b>1,933,276</b>	<b>(149,772)</b>	<b>(8)%</b>
	<b>2,392,196</b>	<b>2,392,196</b>	<b>2,386,069</b>	<b>6,128</b>	<b>- %</b>

The following Councillors declared a conflict of interest, or a perceived conflict of interest, in the following item:

Cr Elliott, as Deputy Mayor, Chaired the meeting as Cr Hobson, Mayor declared a conflict of interest.

Cr Hobson      Honorary Member, Cleveland Rotary Club and Point Lookout Surf Life Saving Club. Cr Hobson voted in the affirmative.  
Cr Boglary      Honorary Member, Wellington Point Rotary Club. Cr Boglary voted in the affirmative.  
Cr Ogilvie      Honorary Member Point Lookout Surf Life Saving Club. Cr Ogilvie voted in the affirmative.  
Cr Williams      Honorary Member Rotary Club of Capalaba and Lions Club of Capalaba. Cr Williams voted in the affirmative.

Moved by:              Cr Henry  
Seconded by:          Cr Reimers

That Crs Hobson, Boglary, Ogilvie and Williams did not have an interest in the item that is a conflict of interest, or which could reasonably be taken to be a conflict of interest, that might lead to a decision that is contrary to the public interest.

CARRIED

Crs Hobson, Boglary, Ogilvie and Williams remained in the Chamber. Cr Hobson resumed the Chair.

#### **14.2.5 SPONSORSHIP APPLICATION - 2011 AUSTRALIA DAY FAMILY CONCERT**

**Datworks Filename:              Sponsorship - Outgoing**  
**Responsible Officer Name:      Kathy Petrik**  
**Manager Marketing & Communications**  
**Author Name:                      Kathy Petrik**  
**Manager Marketing & Communications**

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#### **EXECUTIVE SUMMARY**

Council's Corporate Sponsorship policy was adopted in October 2009, with the policy objective of *"seeking to support and promote a strong and involved community through the sponsorship of events, projects, services or other activities in an equitable and accountable way.* This policy came into force on 1 January 2010.

The definition of sponsorship is defined as *"a business transaction in which a sponsor provides a financial contribution or value in kind to support an event, project, service or activity in return for negotiated commercial and other benefits. It is a business*

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*transaction because it involves an exchange that has measurable value to each party in commercial, communication or philanthropic terms”.*

In accordance with the policy and guidelines, all sponsorships over \$5,000 are to be determined by Council. This report provides a recommendation from the internal assessment panel for the sponsorship of the Rotary Club of Cleveland 2011 Australia Day Family Concert in the amount of \$10,000.

## **PURPOSE**

This report provides background and recommendations to Council for sponsorship of the Rotary Club of Cleveland Australia Day Family Concert in accordance with its policy and guidelines.

## **BACKGROUND**

This event took place for the first time on Australia Day 26 January 2010 at Raby Bay Harbour Park and received a \$10,000 Council grant to initiate it. It is an initiative of the Rotary Club of Cleveland who estimated attendance of two thousand community members for the initial 2010 event.

The event offers a free local celebration for families and community groups to come together on Australia Day. It features sack races, egg and spoon races, local entertainment and food and drink provided by community groups. Another goal is to encourage people to become more involved with local community groups as volunteers.

Among the community groups involved in 2010 were: Rotary Club (Cleveland, Wellington Point, Capalaba) Lions Club, Apex Club, Girl Guides, Point Lookout SLSC, Koala Action Group, Bat Care and African Equity. In 2011 Rotary advises they intend to organise a raft race on the harbour as well as additional community groups.

The application states the event offers economic benefits to local businesses and restaurants because of the increased number of people attracted to the event. Local purchases of products and services from businesses for the event itself are also made. Other sponsors include: Bayside Bulletin/Redland Times, Westpac, JJ Richards.

Council will receive logo and acknowledgement of sponsorship on all event marketing collateral, website branding, speaking opportunity for the Mayor, Council banner in a prominent position and acknowledgement of Council's contribution in all publicity in return for its financial sponsorship.

The internal assessment panel representing the areas of community and social planning; customer and community services; economic development, marketing and communications and environmental management have assessed the value of this sponsorship to Council as \$10,000.

## **ISSUES**

Redland City Council's Marketing and Communications group will liaise with the sponsored organisation to ensure that all benefits agreed to in the sponsorship agreement are delivered satisfactorily.

## **RELATIONSHIP TO CORPORATE PLAN**

The Australia Day Family Concert aligns to Council's strategic priorities of strong and well connected community and supportive and vibrant economy.

## **FINANCIAL IMPLICATIONS**

There is sufficient sponsorship funding to allocate to this event.

## **PLANNING SCHEME IMPLICATIONS**

There are no implications relating to the Redlands Planning Scheme.

## **CONSULTATION**

Mayor Melva Hobson; internal assessment committee made up of representatives of Community and Social Planning, Customer and Community Services, Economic Development, Environmental Management , Marketing and Communications groups.

## **OPTIONS**

### **PREFERRED**

Accept the assessment panel's recommendation to pay \$10,000 in sponsorship funding to Rotary Club of Cleveland (Australia Day Family Concert).

### **ALTERNATIVE**

1. Vary the amount of sponsorship funding to the Rotary Club of Cleveland (Australia Day Family Concert).
2. Decline approval of sponsorship funding to Rotary Club of Cleveland for \$10,000.

## **OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Williams  
Seconded by: Cr Townsend

**That Council resolve to approve the payment of \$10,000 to Rotary Club of Cleveland (Australia Day Family Concert).**

## **CARRIED**

#### 14.2.6 CONFIDENTIAL INFORMATION POLICY AND GUIDELINE

**Dataworks Filename:** GOV Administrative/Corporate/Statutory Policy Documentation

**Attachment:** [POL – 3095 – Confidential Information](#)  
[GL – 3095-001 – Confidential Information](#)

**Responsible Officer Name:** Nick Clarke  
General Manager Governance

**Author Name:** Luke Wallace  
Manager Corporate Planning, Performance and Risk

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#### EXECUTIVE SUMMARY

Council is committed to openness and transparency in accordance with the *Local Government Act 2009* and other relevant legislation including the *Right to Information Act 2009*. Equally however, it is recognised that Council regularly deals with information of a sensitive nature which needs to remain confidential, at least for a defined period of time, to protect the organisation, staff and councillors, other agencies, the general community and individual residents.

As such, a Confidential Information Policy and Confidential Information Guideline have been developed to support this principle. These policy instruments provide protection to Council and its clients, whilst in no way overriding the provisions contained in various pieces of legislation including those mentioned above.

#### PURPOSE

The purpose of this report is to present a Confidential Information Policy and Confidential Information Guideline to Council for consideration and approval.

#### BACKGROUND

The fact that Council regularly deals with confidential information is inherently recognised in Sections 171 and 200 of the *Local Government Act 2009*. These Sections require that Councillors and staff must not release information that they know, or should reasonably know, is confidential to the local government.

Whilst these Sections are clear that confidential information should not be released, and indeed set out penalties up to and including imprisonment for breaches, it is clear that Council deals with a great volume and variety of information in many different forms and through a number of different processes. It is important therefore that clarity be provided for Councillors and staff on the types of information that is considered confidential so that ambiguity can be removed to the fullest extent possible.

The attached Policy and Guideline, whilst reinforcing Council's commitment to openness and transparency and the provisions of relevant legislation, demonstrate a commitment to eliminating harm to Council or individuals from the deliberate or inadvertent release of sensitive or potentially prejudicial information. The documents have been developed after analysing similar policies from other local governments.

## **ISSUES**

The attached Confidential Information Policy and Confidential Information Guideline provide guidance and reinforcement in several areas as follows;

- Commitment to upholding the principles and specific provisions or relevant related legislation including the *Local Government Act 2009*, the *Right to Information Act 2009* and the *Information Privacy Act 2009*
- Commitment to protecting sensitive or potentially prejudicial information to protect Council and individuals from any harm caused by the release of such information
- Provision of clear definitions of the types of information and documents that might be considered confidential under certain circumstances
- The role of controlling officers in ensuring documents they are responsible for are clearly marked as confidential when appropriate
- Provision of advice on appropriate processes and work practices to be adhered to in the storage and security of confidential information
- Reference to related guidelines on Information Resource Security, E-Mail, Closed Business Items and Media Relations
- Processes to be followed in the event that a Councillor or staff member become aware of the deliberate or inadvertent release of confidential information

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's strategic priority to provide an efficient and effective organisation by managing the security of and access to Council information.

## **FINANCIAL IMPLICATIONS**

There are no direct financial implications relating to the Confidential Information Policy or Guideline. Clearly however, breaches of confidentiality can have a significant financial impact on Council depending on the nature and extent of the breach so these policy instruments will assist Council in better managing that risk.

## **PLANNING SCHEME IMPLICATIONS**

The Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will not require any amendments to the Redlands Planning Scheme.

**CONSULTATION**

Consultation on the Information Confidentiality Policy and Guideline was undertaken with the Executive Leadership Group and the Managers Information Management and Marketing and Communications.

**OPTIONS****PREFERRED**

That Council resolve to adopt the attached Confidential Information Policy (POL-3095) and Confidential Information Guideline (GL-3095-001) with immediate effect.

**ALTERNATIVE**

That Council approves the attached Confidential Information Policy and Confidential Information Guideline subject to changes as outlined

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve to adopt the attached Confidential Information Policy (POL-3095) and Confidential Information Guideline (GL-3095-001) with immediate effect.**

**CARRIED**



### Confidential Information Policy

#### Head of Power

The *Local Government Act 2009* contains specific provisions (sections 171 and 200) that regulate the release of confidential information by Councillors and staff. These provisions are reinforced by the Code of Conduct for Councillors and the Employee Code of Conduct.

#### Policy Objective

This policy aims to achieve the following objectives:

- Protection of sensitive or potentially prejudicial information created within Council or received by Council, with a view to eliminating harm to Council or individuals from the release of such information
- Assurance that the distribution of sensitive or potentially prejudicial information is managed in a way that provides, to the fullest extent possible, maximum protection of that information

#### Policy Statement

Council is committed to:

- Transparency and accountability in its decisions and operations in accordance with the *Right to Information Act 2009*
- Proper collection and handling of personal information and appropriate management of access to such information in accordance with the *Information Privacy Act 2009*
- Responsible management of the acquisition, maintenance and use of information in a manner that will derive maximum benefit for Council and the community
- Protecting information from misuse, theft, corruption and destruction by applying information security guidelines consistent with the value of the information resource and the privacy rights of individuals, companies and other organisations
- Ensuring ethical behaviour in all who use Council's information resources
- Ensuring a proactive approach to the responsible management of all information through appropriate education and training of Councillors and staff
- Maintaining the integrity of deliberative processes to ensure that the information that emanates from them is carefully managed to prevent harm or unnecessary concern being caused in the organisation or the community through unauthorised release

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## Confidential Information

### Scope

This guideline supports Council's Confidential Information Policy (POL –3095) and is applicable to all councillors and staff.

### Purpose

Council deals with a broad range of issues with varying degrees of sensitivity. Council is committed to eliminating problems with confidential documents being inappropriately released internally or externally and all councillors and staff have a role to play in ensuring the integrity of Council's information.

This guideline establishes a clear understanding of what constitutes “confidential information” for councillors and staff. In achieving this understanding, and by clearly outlining the responsibilities related to protecting confidential information, Council will ensure to the fullest extent possible, that sensitive or potentially prejudicial information will not be released in the public domain without the proper authority. This reinforces the responsibility of councillors and staff to act in the best interests of the organisation and the public and not to use their position or information gained to pursue a private agenda.

### Definitions

**Commercial in Confidence** documents contain information that if released might damage the commercial interests of an individual, company or other organisation. Such documents might include, but are not limited to, tenders, development applications etc

**Commercial in confidence information** is information where the release of the information would affect a company's competitive advantage or where access might allow others to exploit the information to advance their own interests; this is particularly relevant in a competitive tender situation and development application.

**Confidential information** is information deemed to be confidential to Council unless or until Council resolves to the contrary in a particular instance and includes:

- Commercial in confidence information
- Information which will gain, directly or indirectly, a financial advantage for the person or someone else
- Information which if improperly used could harm Council
- Information derived from government departments, ministers or agencies (e.g. CMC, Police Department) that has been classified as confidential
- Information of a personal nature or about personal affairs, for example the personal details of councillors or council staff

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- Information relating to a property disposal or acquisition process where release of the information may prejudice Council
- Financial and legal analysis where the disclosure of that information may compromise Council or someone else
- Information relating to clients of Council
- Information not owned or controlled by Council
- Information that could result in any action being taken against Council for defamation
- Information involving legal advice to Council or a legal issue or a matter before the courts
- Information that is expressly given to councillors in confidence as confidential
- Information about:
  - the appointment, dismissal or discipline of employees
  - industrial matters affecting employees
  - the personal details of councillors or staff including phone numbers, addresses, health records, workers' compensation records etc
  - council's budget
  - rating concessions
  - contracts proposed to be made by council
  - starting or defending legal proceedings involving council
  - any action to be taken by council under the *Integrated Planning Act 1997 and Sustainable Planning Act 2009*, including deciding applications made under that Act.

**Confidential operational** information is information relating to the operations of the organisation and identified by the controlling officer as being confidential to Council or determined by the Council as being a document it wishes to keep confidential because its release might harm Council or not be in the best interests of the community, e.g. a report on organisational reform or a document informing, or emanating from, a deliberative process for which a final decision has yet to be made including staff and councillor workshops

**Controlling officer** is the principal officer authorising and distributing (if necessary) a confidential document. A controlling officer for the purposes of this Guideline must be a Group Manager, a General Manager or the Chief Executive Officer

**Deliberate disclosure** occurs when a councillor or staff member knowingly discloses information that was clearly marked as confidential or was clearly identifiable as confidential information under the terms of this guideline

**Document** means any of the following:

- Paper or other material on which there is writing
- Paper or other material on which there are marks, figures, symbols or perforations having a meaning for a person capable of interpreting them

- A disc, tape or other article, information stored in a database or any material from which sounds, images, writing or messages are capable of being reproduced (with or without the aid of any other article or device)

**Human Resource records** include staff files, payroll files, staff performance review and development files and redundancy files

**Inadvertent disclosure** occurs when a councillor or staff member carelessly or unwittingly discloses information that was marked as confidential or was clearly identifiable as confidential information under the terms of this guideline. Inadvertent disclosure might occur for example because the person in possession of the information exercised inadequate security over the information

**Information** comes in any number of forms including letters, reports/documents, facsimiles, attachments, tapes, emails, electronic media, and/or other forms of information including discussions during meetings.

**Internally competitively sensitive** information is information that may give a service provider an advantage over competitors, e.g. tender documents, bids in response to tenders, performance data etc

**Non disclosure agreements** are agreements with internal or external parties whereby a formal undertaking is provided that particular information will not be released. In some cases this may include documentation of the security arrangements that will be established to ensure the protection of the information

**Personal information relating to members of the community** includes information provided to Council by a member of the public concerning their own personal affairs and/or that they have specifically requested remain classified, e.g. bank account details or formal complaints and/or where the information is required to be protected under the provisions of the *Information Privacy Act 2009*

**Staff investigation records** include official misconduct files relating to a councillor or staff member, complaint details relating to a councillor or staff member (subject to the disclosure requirements of the *Local Government Act 2009* and Council's policies and guidelines for handling administrative action and councillor conduct/performance complaints) or any files relating to staff harassment, grievances or whistleblower issues as defined within Council's policy

## Actions and Responsibilities

### Confidential Documents to be Appropriately Marked

To ensure unambiguous identification of confidential document, it is the responsibility of the controlling officer to suitably mark the document as confidential and provide a supporting reason for its confidentiality. The following examples are provided to assist councillors and staff:

- CONFIDENTIAL as the release of this document may jeopardise the validity of Council's rating strategy

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- CONFIDENTIAL as the document relates to a development proposal which the applicant has requested remain commercial in confidence, or whose release may jeopardise the potential for the development to occur
- CONFIDENTIAL as the release of this document may invalidate a tender process being conducted by Council, or a tender being submitted by a Council business unit
- CONFIDENTIAL as the document contains information in support of, or emanating from, a deliberative process for which a final determination is yet to be made and its release may limit Council's options in this matter and/or give rise to unnecessary community concern
- CONFIDENTIAL as the document contains personal details relating to a councillor, staff member or member of the community
- CONFIDENTIAL as the release of this document may jeopardise an employee investigation being undertaken

Where a councillor or staff member disputes the grounds upon which a document has been marked confidential, they should raise their concerns with the Chief Executive Officer who will investigate and make a determination.

## Storage and Security of Confidential Information

The following steps should be taken to protect confidential documents from unauthorised disclosure:

- The use of non-disclosure agreements to document the acceptance by contractors and vendors of particular information security requirements
- Placement of hard copy confidential documents in locked cabinets when not in use
- Destruction of confidential information as required (advice on this matter should be sought from qualified document management services personnel before such destruction takes place)
- Use of encryption as required for confidential information which resides on a computer (advice on this matter should be sought from qualified information management personnel)
- Use of personal identification numbers when printing confidential information
- Limiting the transmission of confidential information by e-mail unless absolutely necessary

More comprehensive information on the storage and distribution of confidential information is available in the associated *Information Resource Security Guideline (GL-0054-001)* and *E-Mail Guideline (GL-0054-005)*.

## Closed Business Items

Matters relating to confidential reports to Council General or Committee meetings are controlled by Guideline - Confidential Reports: identifying, preparing, dealing with and maintaining their security (GL-0054-008).

## Media/External Communications

The listing of a confidential matter on the agenda of a Council or Committee Meeting may elicit media interest. Similarly, the progress and general consideration of sensitive issues in other

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domains (local laws, planning matters etc), may be known to members of the public and/or the media and may draw external interest.

Where matters such as these are raised, the Mayor and Chief Executive Officer, as Council's official spokespersons, have the discretion to release general statements which will not affect the integrity of the matter or harm the interests of Council or the community.

This does not preclude individual councillors from advising external parties on their personal opinion in a particular matter. In such instances however, individual councillors should take care to ensure that third parties are aware that their views do not necessarily reflect Council's position on the matter and they should ensure that opinions or materials presented by other councillors or staff are not disclosed. Councillors should also take care to provide their personal opinion in a way that does not pre-empt the likely outcome of the matter under consideration.

If councillors or staff are in any doubt as to how to handle external enquiries on confidential matters they should refer to the *Media Relations Guideline (GL-3072-001)* and/or seek advice from the Chief Executive Officer.

## Confidential Information not to be Released and Action in Event of Breach of Policy

This guideline applies to all councillors and staff, who are required to comply with the *Local Government Act 2009*, the respective Codes of Conduct and the related policies and guidelines referred to in this document.

1. A person who is, or has been, a councillor must not release information that the person knows, or should reasonably know, is information that is confidential to the local government
2. A person who is, or has been, a local government employee must not release information that the person knows, or should reasonably know, is information that –
  - (a) is confidential to the local government; and
  - (b) the local government wishes to keep confidential.

Maximum penalty—

- (a) for an employee of a corporate entity—500 penalty units or 5 years imprisonment; or
- (b) for a councillor or any other local government employee—100 penalty units or 2 years imprisonment.

(Refer to Sections 171 and 200 of the *Local Government Act 2009*)

3. Where a councillor or an employee suspects or knows of a deliberate disclosure of confidential information by a councillor or staff member, he or she must report the matter to the Chief Executive Officer

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4. Should a councillor or an employee become aware of an inadvertent disclosure of confidential information, he or she shall take action as follows:

- In the case of an employee, report the incident to his/her supervisor or Manager (and the Chief Executive Officer if appropriate to do so)
- In the case of a councillor, report the incident to the Chief Executive Officer

Upon being advised of an inadvertent disclosure of confidential information, the Officer advised shall take steps to ensure the information in question is secured if at all possible.

## Reference Documents

This guideline has been developed to support the application and administration of the Confidential Information Policy (POL –3095).

## Associated Documents

The documents listed below support this guideline and should be referred to for specific information on related matters:

- *Local Government Act 2009*
- Confidential Reports: identifying, preparing, dealing with and maintaining their security Guideline (GL-0054-008)
- Information Resource Security Guideline (GL-0054-001)
- E-Mail Guideline (GL-0054-005)
- Media Relations Guideline (GL-3072-001)
- Redland City Council Code of Conduct for councillors
- Redland City Council Employee Code of Conduct

## Document Control

- Only the General Manager Governance can approve amendments to this guideline. Please forward any requests to change the content of this document to the Manager Corporate Planning, Performance and Risk
- Approved amended documents must be submitted to the Office of the Chief Executive Officer to place the document on the Policy, Guidelines and the Procedures Register.

**14.2.7 SENIOR MANAGERS' REMUNERATION GUIDELINE (GL-3019)**

**Datworks Filename:** HRM Senior Management  
**Attachment:** [Senior Managers' Remuneration Guideline GL-3019](#)  
**Responsible Officer Name:** Nicole Dodimead  
Acting Manager - People & Change  
**Author Name:** Nicole Dodimead  
Acting Manager - People & Change

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**EXECUTIVE SUMMARY**

To ensure consistency with employees acting in senior management positions, the Senior Managers' Remuneration Guideline (GL-3019) has been amended in consultation with the Executive Leadership Group, to incorporate a section directly related to the payment options. As outlined in the Guideline, any amendments require approval from Council.

Approval is now sought for the following amendment:-

1. The addition of a section relating to payment of employees acting in Management Positions;

In addition, some minor amendments have been included:

2. *Purpose Statement* – inclusion of Group Managers;
3. *Definitions Section* – inclusion of:
  - HD (higher duties) and HDA (higher duties allowance);
  - the update of reference of Council's Certified Agreement from EB to CA;
  - the update of reference to the Local Government Act from 1993 to 2009.

There are no changes to Attachment 1 – RCC Senior Managers' Performance Pay Program or Attachment 2 – Salary Packaging – Items.

**PURPOSE**

The purpose of this report is to detail some amendments to the Senior Managers' Remuneration Guideline (GL-3019) as detailed below and to request that Council adopt the revised Guideline as amended and attached.

**BACKGROUND**

To ensure consistency with employees acting in senior management positions, the Senior Managers' Remuneration Guideline (GL-3019) has been amended in consultation with the Executive Leadership Group, to incorporate a section directly

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related to the payment options. As outlined in the Guideline, any amendments require approval from Council.

Approval is now sought for the following amendment:-

1. The addition of a section relating to payment of employees acting in Management Positions;

In addition, some minor amendments have been included:

2. *Purpose Statement* – inclusion of Group Managers;
3. *Definitions Section* – inclusion of:
  - HD (higher duties) and HDA (higher duties allowance);
  - the update of reference of Council's Certified Agreement from EB to CA;
  - the update of reference to the Local Government Act from 1993 to 2009.

There are no changes to Attachment 1 – RCC Senior Managers' Performance Pay Program or Attachment 2 – Salary Packaging – Items.

## **ISSUES**

No issues are identified with these amendments.

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's strategic priority "An efficient and effective organisation".

## **FINANCIAL IMPLICATIONS**

Financial impact where payment for employees acting in management roles was not applied consistently. Revised guideline outlines correct payment process.

## **CONSULTATION**

Amendments have been made in consultation with the Executive Leadership Group.

## **OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION**

Moved by: Cr Williams

Seconded by: Cr Ogilvie

**That Council resolve to adopt the Senior Managers' Remuneration Guideline (GL-3019), as amended and attached.**

**CARRIED**

## Senior Managers' Remuneration

### Scope

This guideline applies to the Chief Executive Officer, General Manager and Group Manager positions at Redland City Council.

### Purpose

This document aims to provide guidance and assistance to the CEO, General Managers and Group Managers in the administration of Senior Managers' remuneration.

This Guideline will:

1. ensure that the application of Senior Managers' remuneration across the organisation is consistent, cost effective and complies with legal requirements;
2. promote effective and equitable Human Resource Management practices incorporating the principles of natural justice, fairness, merit and equity;
3. assist Council in achieving Corporate Objectives by reinforcing the link between individual and organisation performance.

### Definitions

Contracted Manager - A manager who is employed under a common law contract.

Non - contracted Manager - A manager who is employed under the Queensland Local Government Officers Award.

Common Law Contract - a contract with a senior manager that specifically identifies an individual employment agreement with a time based term.

CA – Redland City Council's Officers Certified Agreement No 1 2009

Council – Redland City Council

CEO - Chief Executive Officer

HD – Higher duties

HDA – Higher duties allowance

Senior Managers – CEO, General Managers, and Group Managers

LG Act – The Queensland Local Government Act 2009

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## **Introduction**

This guideline defines the tenure, base salary determination, non salary remuneration components, and performance payments applicable to the senior managers of Redland City Council. All senior managers will be remunerated through a salary package arrangement.

## **Tenure**

The CEO will be appointed by Council. All other senior managers will be appointed by the CEO in accordance with Section 196 (3) to (6) of the LG Act.

All senior managers of the Council appointed after 17 May 2003 will be employed under common law contracts of employment. The standard contract of employment for the Chief Executive Officer will be approved by Council. All other contracts will be approved by the Chief Executive Officer. The Chief Executive Officer is required to report any changes to Council where there are increased costs not in line with the policy or added risks, prior to implementation.

Schedule 2 of these contracts define the remuneration package applicable. For General Managers and Group Managers, the components of this Schedule 2 will be determined by the CEO in accordance with the approved terms of the contract and this Guideline.

For the CEO, the components of Schedule 2 will be determined by the Council in accordance with the approved terms of the contract and this Guideline.

## **Base Salary Component**

Council has adopted the Hay method of position evaluation for the senior managers of the organisation. Under this method, each position is assigned points based on know how, problem solving, and accountability. Hay points are grouped to form 5 bands of salary scales. Senior management positions have been evaluated using the Hay evaluation process and placed in one of these 5 bands.

Base salary ranges within the bands extend from 80% to 100% such that:

- 100% assessment would reflect full proficiency and achievement of all the desired outcomes and objectives flowing from the accountabilities of the position.
- 80-100% assessment would reflect progression to full proficiency in the position.

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## Other Remuneration

For managers appointed under common law contracts, any other remuneration will be in accordance with the approved employment contract for senior managers.

Salary sacrificing is permissible under the remuneration clause of the common law contracts. Any requests by senior managers to restructure Schedule 2 of the contract to incorporate salary sacrificing will be subject to approval by the CEO and must have no cost impact on Council.

Examples of salary sacrificing options are shown as *Attachment 2* This list provides examples only and is not definitive.

For non-contracted managers, any other remuneration will be in accordance with Council's current Certified Agreement (CA).

## Re-evaluation of an Existing Position

Re-evaluation of an existing senior manager's position by the Executive Leadership Group may occur if a position changes significantly or becomes vacant. Any change to the band for a particular position must be authorised by the CEO.

## New Appointees

All senior managers who are new appointees will commence on a salary in the range of 80% to 100% of the evaluated band for the position. The starting position will be determined by the CEO. For group managers' positions, this determination will be in consultation with the relevant general manager.

The actual commencement salary will be determined as follows:

<b>% Range</b>	<b>Descriptor</b>
80 - 85	Candidate meets all criteria and has minimal experience in a similar role.
86 - 90	Candidate meets all criteria and has significant experience in a similar role.
91 - 95	Candidate meets all criteria and has extensive experience in a similar role.
96 -100	Candidate meets all criteria, has extensive experience in a similar role and will be fully proficient in the new role within 3 months.

Market forces may also be used to justify a particular percentage within the band. For example if a candidate specifies a particular salary expectation and will not sign a contract for less and this is above the range as described above, a business case must be developed to justify the commencement salary.

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During the first 3 months of employment the manager and their supervisor must complete a performance plan. This initial plan will be for the period from the commencement date to the subsequent 30 June.

All newly appointed senior managers will receive notification in their appointment letter of a schedule of review dates of performance for the following twelve months for progression from their starting percentage towards 100% of their salary band. Any further reviews for progression, if applicable, will be scheduled following this initial period.

### Higher Duties into Management Positions

A higher duty (HD) is the payment of a higher duties allowance (HDA) where an employee is asked to temporarily perform the duties of a higher role. Higher duties will only be approved where the employee asked to complete the HD has the relevant skills and qualifications to perform the duties they are requested to perform. Employees performing HD in most cases should have allowances relating to their substantive position suspended for the duration of the HD period (i.e. market loadings, or any allowance that is associated with the employee's substantive position).

There are three levels of HD that represent the percentage of duties they are expected to perform:

<b>% Range</b>	<b>Descriptor</b>
80%	HD will complete some tasks, and does not have full responsibility over all aspects of duties they are acting in; and/or the employee completing the HD is considered to have some of the total mandatory skills and experience required to complete the HD role in a complete capacity.
90%	HD will complete most tasks, and does not have full responsibility over all aspects of duties they are acting in; and/or the employee completing the HD is considered to have most of the total mandatory skills and experience required to complete the role in a complete capacity.
100%	Employee meets mandatory criteria to perform all aspects of the role that have been asked to be performed over the duration of the HD period, and will be expected to complete all duties in a complete capacity.

Discretionary approvals that exceed the guidelines listed above are acceptable, however these must be consistently and appropriately applied (for instance, an

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employee completing a HD role should not earn more than the actual substantive incumbent in that role).

### **Annual Salary Increases**

Seniors managers' salaries will be reviewed by 1 July of each year.

In line with the contract of employment, the Hay mid points for each of the 5 bands will be reviewed on an annual basis. These mid points will be increased with cognisance of the Hay Salary survey data for the specified category. As identified in the contract of employment, this increase will not be less than the CA increase that will apply for the forthcoming financial year.

Any change to a manager's salary must be authorised by the Chief Executive Officer.

### **Performance Pay**

#### **(Applicable only to existing contracts as at 30 June 2009)**

Performance related increases will be based on the achievement of agreed measures and objectives. Access to performance pay for a financial year, to a maximum of 10% of existing salary as at 30 June of that financial year, will only be available to senior managers employed under common law contracts.

The Senior Managers' Performance Pay Model is based on three levels of scorecards that reflect business strategy, and an individual behaviours assessment.

Scorecards will be developed annually prior to the commencement of each financial year for the Corporate, Department and Group levels. Weightings for performance measures within each scorecard will be determined each year. The proportion of assessment assigned to each level of Scorecard will be set by the CEO each year.

The individual assessment will measure the extent that behaviours align with ten key corporate success factors.

The model for senior managers' performance payments is shown as *Attachment 1* to this guideline.

### **Grievances**

Employees who wish to lodge a grievance should refer to the grievance/dispute resolution procedure in Council's Certified Agreement.

### **Reference Documents**

- Human Resource Management Policy
- Redland City Council Officers' Certified Agreement – No 1 2009

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#### CMR Team Use Only

Department:  
Approved:

Effective Date:  
Version:  
Review Date:  
Page 5 of 6

## **Associated Documents**

- *Queensland Industrial Relations Act 1999*
- *Queensland Anti-Discrimination Act 1991*
- *Workplace Health & Safety Act 1995*

## **Document Control**

- Only Council can approve amendments to this guideline. Please forward any requests to change the content of this document to the Manager – People and Change.
- Approved amended documents must be submitted to the Office of the Chief Executive Officer to place the document on the Policy, Guidelines and Procedures Register.

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**CMR Team Use Only**

**Department:**  
**Approved:**

**Effective Date:**  
**Version:**  
**Review Date:**  
**Page 6 of 6**

**14.2.8 CORPORATE BALANCED SCORECARD REPORT - JULY 2010**

**Datworks Filename:** GOV Corporate BSC Monthly Reporting to Committee

**Attachment:** [Corporate Balanced Scorecard July 2010](#)

**Responsible Officer Name:** Luke Wallace  
Manager Corporate Planning Performance & Risk

**Author Name:** Jo Jones  
Service Manager Corporate Planning & Performance

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**EXECUTIVE SUMMARY**

The monthly Corporate Balanced Scorecard report attached provides a high level overview of Council's performance in key areas of our business using the four balanced scorecard perspectives – Financial, Customer, Internal/Business Processes and People & Learning.

This report is an important component of our performance management framework. The other main report provided to Council and the community is the quarterly Operational Plan report that focuses on performance against each of the programs in the Corporate Plan 2010 - 15.

The overall rating for July 2010 is satisfactory with a weighted score of 1.87.

**PURPOSE**

To provide Council with the Corporate Balanced Scorecard report for the financial year to July 2010.

**BACKGROUND**

The report shows results against each key performance indicator (KPI) for the current month and the previous twelve months. Longer term trends and comparisons incorporating the same month last year are included to provide a better understanding of current performance levels.

A summary of this month's results is provided on page one of the attached report and shows the overall score for Redland City Council, including the rating (the small coloured indicator at the right hand side). An outstanding result is shown as green, above standard and satisfactory is shown as yellow and an unsatisfactory result is shown as red. The overall rating for Council and for each perspective is determined by the relative weightings of the performance measures.



Explanation of results is provided by the responsible manager in the commentary each month. Where a significant issue arises from the data that requires further explanation will be provided in this covering report.

## ISSUES

### Redland Water

As at 1 July 2010 Redland Water became part of Allconnex Water and data will no longer be included in Council's Corporate Balanced Scorecard.

### Internal Audit

The table below summarises the internal audit issues which are overdue are due as at the end of July 2010.

Department	Due for Implementation			Implemented			Seeking Extensions		
	High	Moderate	Low	High	Moderate	Low	High	Moderate	Low
Corporate Services	1	4	3	1	4	1	0	0	2
Customer Services	0	1	0	0	1	0	0	0	0
Governance	0	6	0	0	4	0	0	2	0
Planning & Policy	0	4	3	0	4	3	0	0	0
Redland Water	0	0	0	0	0	0	0	0	0
Development & Community Standards	1	8	3	0	2	3	1	6	0
<b>Totals</b>	<b>2</b>	<b>23</b>	<b>9</b>	<b>1</b>	<b>15</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>2</b>

Of the 34 recommendations due for implementation by the end of July 2010, 23 (67.6%) have been satisfactorily implemented and closed whilst 11 (32.4%) have sought extensions.

All recommendations seeking extensions have previously been extended, and will therefore be presented to the Audit Committee for their consideration in October. Prior to the Audit Committee, Internal Audit will continue to monitor the progress of these recommendations.

Details relating to these requests for extension are as follows:

High (1) Proclaim Data Integrity Audit - The recommendation was to ensure that all commercial properties are issued with a satisfactory final for plumbing and drainage works. Procedures have been implemented to deal with new plumbing and drainage works and to prevent any further occurrences of building occupation before finals have been issued. A review identified some 1000 properties without a final certificate. These are being followed-up progressively and are expected to be completed by the end of this calendar year.

Moderate (8) Review of Community Service Obligations across Council (6) – GM (Development and Community Standards) has approved funding for a project to implement an electronic time recording system to capture all officers' time which will serve as a driver for the ABC costing system to enable an accurate calculation of fees and charges. Once implemented, this will enable the 6 recommendations to be addressed. It is expected that this will be completed by the end of this calendar year.

Management of Grants (2) – Draft Agreements require clearance by Legal Services. Legal Services workloads and other priorities have prevented completion. Both recommendations are dependent upon obtaining legal clearance, but this may need to be obtained externally. The GM Governance has stated that these recommendations will be regarded as overdue as no further extension will be approved.

Low (2) Management of Road Assets (1) – Implementation delayed pending migration of road assets from SMEC to Maximo, which is planned to go live in September 2010. Once completed, the recommendation will be addressed. Extension requested to September 2010.

Management of Workplace Health and Safety (1) – Initial implementation extended from 31/05/10 to 31/07/10. However, responsible officer is currently on leave and unable to confirm implementation until he returns in August. Extension requested to 31/08/10

## **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports Council's commitment to Inclusive and Ethical Governance. Strategy 8.1 within the Corporate Plan states that Council will embed the vision of the Redlands 2030 Community Plan into our planning, operations and culture and develop effective reporting and monitoring arrangements to show how we are progressing on implementation of the Community Plan and the Corporate Plan. As part of the Organisational Development Plan, Council is currently reviewing its corporate performance management arrangements and the results of this project will be reported to Council later this year.

**FINANCIAL IMPLICATIONS**

There are no implications for the Planning Scheme arising from this report.

**CONSULTATION**

The data in this report was provided by responsible managers and has been compiled by the Corporate Planning, Performance & Risk Group.

**OPTIONS****PREFERRED**

That Council resolve to note the Corporate Balanced Scorecard for July 2010 as attached.

**ALTERNATIVE**

That Council resolve to note the Corporate Balanced Scorecard for July 2010 and request additional information.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve to note the Corporate Balanced Scorecard for July 2010, as attached.**

**CARRIED**



**Redland City Council  
Balanced Scorecard**

**July 2010**

## Corporate Balanced Scorecard

Page		Target	Actual	
<b>Redland City Council Scorecard</b>			<b>1.87</b>	<b>☐</b>
<b>Financial Perspective</b>			<b>3.00</b>	<b>☐</b>
3	Earnings before interest tax & depreciation savings to budget	2.00%	4.49%	✓
3	Cash levels within targets	5.00	7.84	☐
3	Capital works program financial performance	4.00%	0.00%	☐
<b>Customer Perspective</b>			<b>0.75</b>	<b>✗</b>
4	Capital works program practical completion	97.00%	80.00%	✗
4	Decisions Issued on Development Applications	100.00%	100.00%	✓
<b>Internal Processes Perspective</b>			<b>1.00</b>	<b>✗</b>
5	Asset management plans actions implemented	95.00%	91.00%	☐
5	Internal audit actions implemented within agreed timeframes	99.75%	67.60%	✗
<b>People &amp; Learning Perspective</b>			<b>1.83</b>	<b>☐</b>
6	Workplace Health & Safety Management Plan actions completed	4.00%	1.79%	☐
6	Lost time injury frequency rate	13.00	26.45	✗
6	Workers' Compensation Hours Lost	242	123	✓

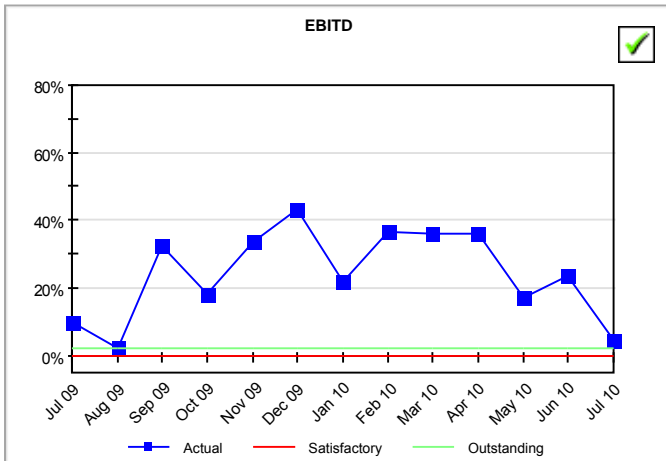
Outstanding ✓

Satisfactory/Above Standard ☐

Unsatisfactory ✗

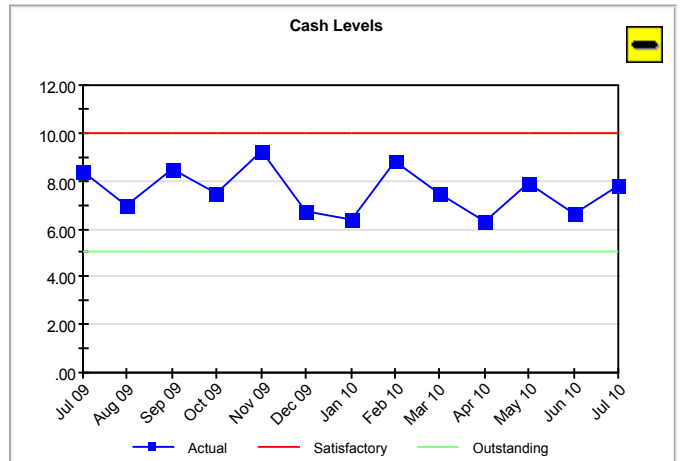
## Financial Perspective

### Earnings before interest tax & depreciation savings to budget



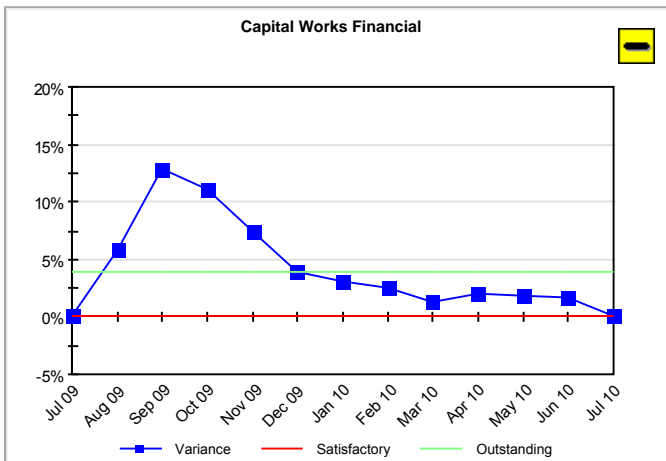
Very close to target and impressive start for 2010/11.

### Cash levels within targets



Still holding cash reserves above target whilst Allconnex impacts still under development

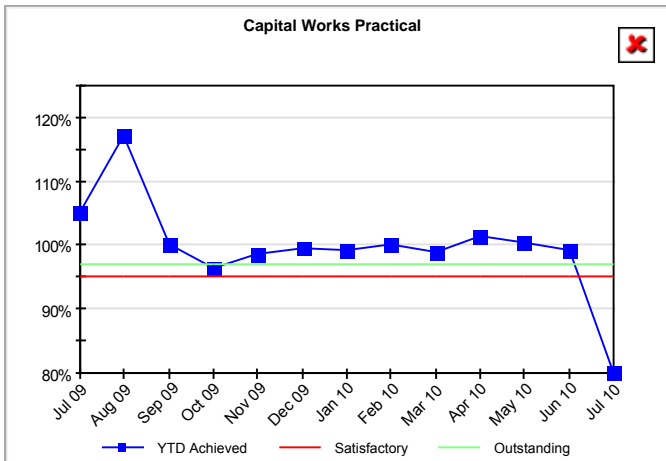
### Capital works program financial performance



There were no departmental planned completed capital works for this month.

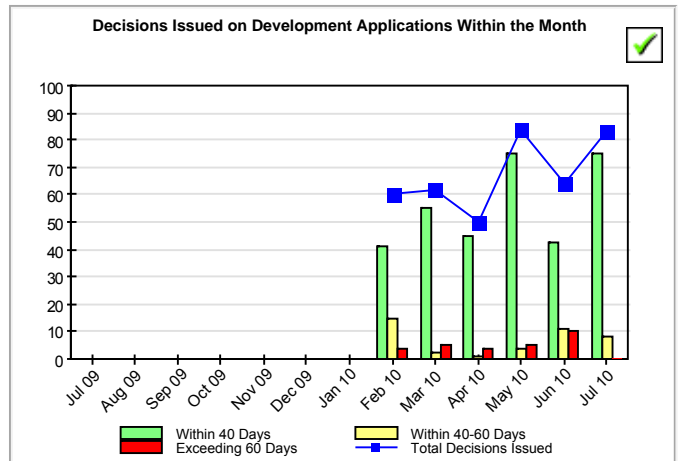
## Customer Perspective

### Capital works program practical completion



Project Delivery Group was the only group with milestones due to be completed on capital projects for this month.

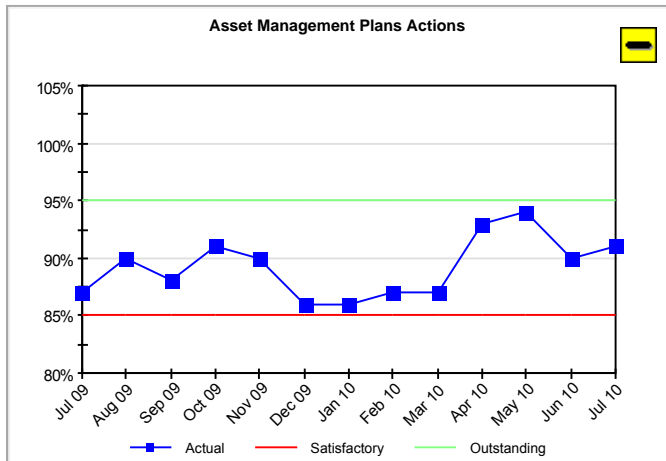
### Decisions Issued on Development Applications within the month



The number of applications lodged was 64 in the month of July. 83 decisions were issued in July compared to 64 in June. 90% of the decisions were decided within 40 days, which is Above Standard. It is noted that Engineering Assessment have achieved 100% of applications issued within 40 days. Planning Assessment have achieved 81% of applications issued within 40 days, and the group is continuing a reform and review process to increase the number of decisions issued within the first 20 days.

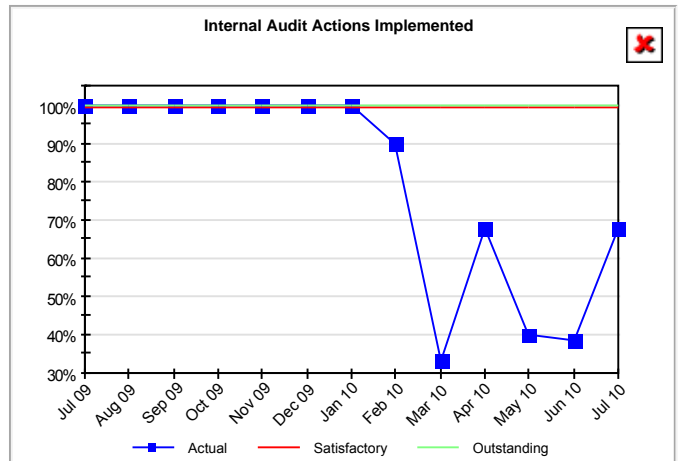
## Internal Processes Perspective

**Asset Management Plans Actions implemented**



Of the 340 items due, 310 have been completed on time, with an additional five items completed before their due date.

**Internal audit actions implemented within agreed timeframes**

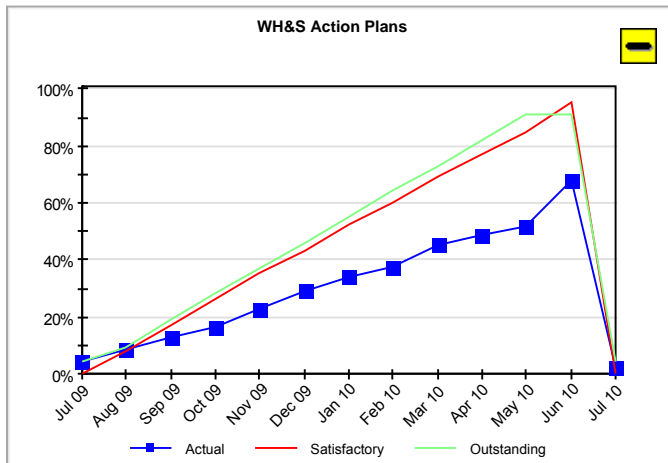


Of the 34 recommendations due for implementation by the end of July 2010, 23 (67.6%) have been satisfactorily implemented and closed whilst 11 (32.4%) have sought extensions. Two high rated recommendations were due for implementation of which one has been fully implemented. The one high rated recommendation seeking extension relates to the Proclaim Data Integrity Audit. Twenty-three moderate rated recommendations were due for implementation of which fifteen have been fully implemented. The remaining eight moderate rated recommendations seeking extensions are from the Review of Community Service Obligations across Council and the Management of Grants Review. Of the nine low rated recommendations, only two have not been fully implemented. These relate to the Management of Road Assets and the Management of Workplace Health and Safety reviews.



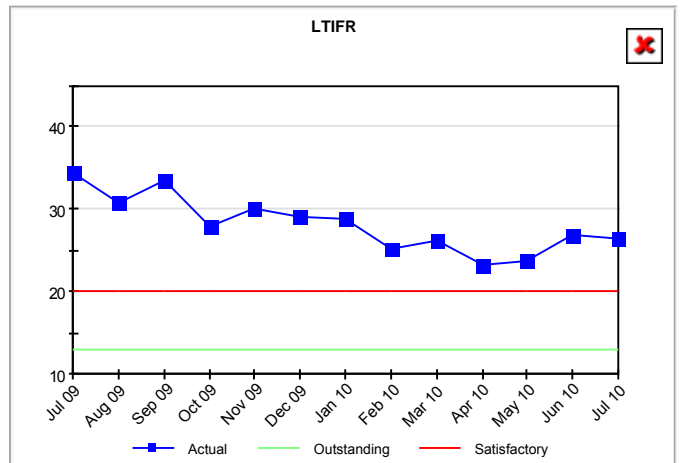
## People & Learning Perspective

**Funded Workplace Health & Safety Management Plan actions completed**



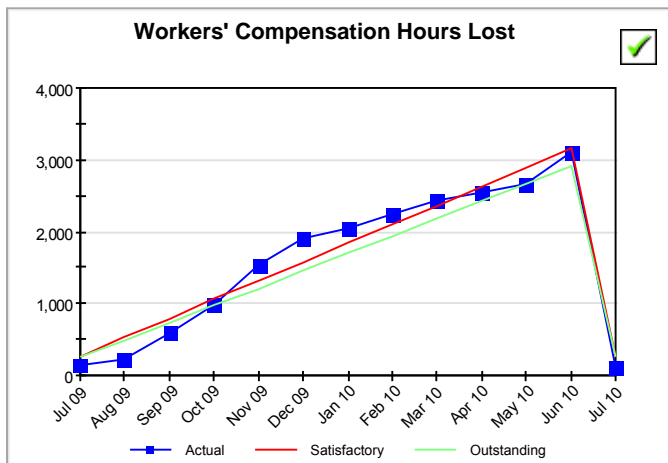
The newly endorsed safety management action plans have now been endorsed and will be rolled out over the new financial year.

**Lost time injury frequency rate**



Two injuries this month. Both cases were within Customer Services Department. One injury was a neck strain and the other injury was a lower back strain.

**Workers' Compensation Hours Lost**



Commenced new financial year with a total of 122.5 hours lost this month.

### 14.3 CORPORATE SERVICES

#### 14.3.1 SURRENDER OF TRUSTEESHIP OF FIRE STATION LAND AT AMITY POINT AND DUNWICH

**Datworks Filename:** L.100326/L.107351  
**Attachment:** [Amity Point & Dunwich Fire Station](#)  
**Responsible Officer Name:** Brian Lewis  
Manager Corporate Acquisitions Fleet & Facilities  
**Author Name:** Merv Elliott  
Property Services Manager

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#### EXECUTIVE SUMMARY

Council hold under trust from the Crown, land situated at 9 Hexton Street, Amity Point and 39 Mitchell Crescent, Dunwich described as Lot 167 SL12225 and Lot 13 SL10870. Both of these parcels are reserves for Fire Brigade purposes.

Queensland Fire & Rescue Services have held trustee leases from Council over both these parcels. The leases have expired and it is now appropriate for Council to either consider offering new leases or surrendering trusteeship of the properties to the Crown to allow Department of Environment & Resource Management (DERM) to either transfer the properties to Qld Fire Services (Department of Community Safety) or to grant new leases.

#### PURPOSE

To recommend to Council that approval be granted for the surrender of Lot 167 SL12225 and Lot 13 SL10870 to the Crown.

#### BACKGROUND

DERM officers advise that they consider Council are no longer the appropriate body to hold trusteeship of the subject allotments as the operation of fire brigade services is not the core business of the Council.

If Council surrenders trusteeship, DERM would then deal with Qld Fire Services by either granting a new lease or selling them freehold title to the land.

#### ISSUES

There are no issues with surrendering trusteeship of the properties as the reserves can only be used for Fire Brigade purposes.

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's strategic priority:

"Wise Planning and Design":

5.12: Plan, provide and advocate for essential physical and social infrastructure that supports community wellbeing and manage Council's existing infrastructure assets to ensure service standards are maintained or improved.

## FINANCIAL IMPLICATIONS

Council will not be liable for any costs in respect to the surrender of the subject reserves.

## PLANNING SCHEME IMPLICATIONS

The Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will not require any amendments to the Redlands Planning Scheme.

## CONSULTATION

Property Services Manager has consulted with the Senior Advisor Sport & Recreation.

## OPTIONS

### PREFERRED

That Council resolve as follows:

1. To surrender trusteeship of Lot 13 SL10870 and Lot 167 SL12225 to the Crown;
2. That the Chief Executive Officer be authorised to sign all documentation involved in the surrender.

### ALTERNATIVE

That Council continue as trustee of the land contrary to DERM's recommendation and negotiate further trustee leases with Queensland Fire Services.

## OFFICER'S/COMMITTEE RECOMMENDATION/ COUNCIL RESOLUTION

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve as follows:**

1. To surrender trusteeship of Lot 13 SL10870 and Lot 167 SL12225 to the Crown; and

2. That the Chief Executive Officer be authorised to sign all documentation involved in the surrender.

**CARRIED**



### 14.3.2 SALE OF LAND FOR OVERDUE RATES

**Datworks Filename:** FM Sale for Overdue – SO-09  
**Attachment:** [Schedule SO-09](#)  
**Responsible Officer Name:** Kerry Phillips  
Manager Financial Services  
**Author Name:** Noela Barton  
Service Manager Revenue & Recovery

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#### EXECUTIVE SUMMARY

The *Local Government (Finance, Plans and Reporting) Regulation 2010* section 74 enables the sale of land for overdue rates where some or all of the overdue rates or charges have been overdue for at least—

- a) generally—3 years; or
- b) if the rates or charges were levied on vacant land or land used only for commercial purposes, and the local government has obtained judgment for the overdue rates or charges—1 year; or
- c) if the rates or charges were levied on a mining claim—3 months.

The attached schedule (Schedule SO9) identifies 13 properties that are overdue greater than 3 years where the collection activity has not resulted in the payment of the outstanding arrears. Two of the properties are located at Cleveland, 4 properties are on Macleay Island, and 7 properties are on Russell Island.

The 13 properties identified in Schedule SO9 are submitted to Council with the recommendation that:

A Notice of Intention to sell the land be issued under section 74(3) of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;

1. The land is offered for sale by auction within 6 months of issue of the notice of intention to sell the land if the amount of all overdue rates and charges levied on the land have not been paid in full within 3 months of the issue of the notice of intention to sell the land as per section 75 of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;
2. A market value is obtained on all land that will be offered for sale by auction;
3. The reserve price is set as the higher of either the sum of the amount of all overdue rates levied on the land plus the expenses incurred for the intended sale, or the Unimproved Value [UV].

#### PURPOSE

To request Council resolve to recover unpaid rates and charges overdue greater than 3 years on properties identified in the attached schedule.

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## BACKGROUND

Section 74 of the *Local Government (Finance, Plans and Reporting) Regulation 2010* provides local government authorities with the power to sell land at public auction where some or all of the overdue rates or charges have been overdue:

- a) generally—3 years; or
- b) if the rates or charges were levied on vacant land or land used only for commercial purposes, and the local government has obtained judgment for the overdue rates or charges—1 year; or
- c) if the rates or charges were levied on a mining claim—3 months.

The collection activity carried out on each property identified in the attached schedule has not resulted in payment of the overdue rates & charges, some of which are greater than 3 years overdue.

## ISSUES

The attached schedule identifies 13 properties that are overdue greater than 3 years. Two of the properties are located at Cleveland, 4 properties are on Macleay Island, and 7 properties are on Russell Island.

The characteristics of the properties are:

- 11 are zoned SMBI Residential
- 2 are zoned Medium Density Residential 1
- 11 properties are vacant land
- 1 property is an incomplete dwelling on Russell Island; and
- 1 property is a commercial hall at Shore Street East, Cleveland.

Land Use Planning and Environmental Management were consulted and they have no concerns with the properties in the attached schedule being put forward for sale of land for overdue rates.

The 13 properties identified in Schedule SO9 are submitted to Council with the recommendation that:

1. A Notice of Intention to sell the land be issued under section 74(3) of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;
2. The land is offered for sale by auction within 6 months of issue of the notice of intention to sell the land if the amount of all overdue rates and charges levied on the land have not been paid in full within 3 months of the issue of the notice of intention to sell the land as per section 75 of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;
3. A market value is obtained on all land that will be offered for sale by auction;
4. The reserve price is set as the higher of either the sum of the amount of all overdue rates levied on the land plus the expenses incurred for the intended sale, or the Unimproved Value [UV].

## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's strategic priority 9.5 — Ensure robust long term financial planning is in place to protect the financial sustainability of Council.

## FINANCIAL IMPLICATIONS

Rates and charges outstanding total \$66,837.84.

## PLANNING SCHEME IMPLICATIONS

The Land Use Planning Group was consulted and it is considered that the outcome of recommendations in this report will not require any amendments to the Redlands Planning Scheme.

## CONSULTATION

- General Manager Allconnex
- General Manager Customer Services
- General Manager Planning & Policy
- Manager Assessment Services
- Manager Land Use Planning
- Manager Community Standards
- Manager Environmental Management
- Manager Corporate Acquisitions, Fleet & Facilities Group
- Senior Conservation Officer
- Conservation Fire Management Officer
- Principal Advisor Local Area & Strategic Planning
- Property Services Manager
- Senior Property Officer
- Strategic Planner, Land Use Planning
- Stormwater Management Engineer
- Team Coordinator Revenue Collection
- Service Manager Revenue & Recovery

## OPTIONS

### PREFERRED

That Council resolve as follows:

1. That a Notice of Intention to sell the land be issued under section 74(3) of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;
2. That the land is offered for sale by auction within 6 months of issue of the notice of intention to sell the land if the amount of all overdue rates and charges levied on the land have not been paid in full within 3 months of the issue of the notice of



intention to sell the land as per section 75 of the Local Government (Finance, Plans and Reporting) Regulation 2010;

3. That a market value is obtained on all land that will be offered for sale by auction;
4. That the reserve price is set as the higher of either the sum of the amount of all overdue rates levied on the land plus the expenses incurred for the intended sale, or the Unimproved Value [UV].

#### **ALTERNATIVE**

Continue to pursue property owners for rate arrears through collection activity such as phone, letter and legal action.

#### **OFFICER'S RECOMMENDATION**

That Council resolve as follows:

1. That a Notice of Intention to sell the land be issued under section 74(3) of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;
2. That the land is offered for sale by auction within 6 months of issue of the notice of intention to sell the land if the amount of all overdue rates and charges levied on the land have not been paid in full within 3 months of the issue of the notice of intention to sell the land as per section 75 of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;
3. That a market value is obtained on all land that will be offered for sale by auction;
4. That the reserve price is set as the higher of either the sum of the amount of all overdue rates levied on the land plus the expenses incurred for the intended sale, or the Unimproved Value [UV].

#### **COMMITTEE RECOMMENDATION**

That this item be deferred for consideration to the General Meeting of 25 August 2010, in order to obtain further information on the properties.

#### **COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve as follows:**

- 1. That a Notice of Intention to sell the land be issued under section 74(3) of the *Local Government (Finance, Plans and Reporting) Regulation 2010*;**
- 2. That the land is offered for sale by auction within 6 months of issue of the notice of intention to sell the land if the amount of all overdue rates and charges levied on the land have not been paid in full within 3 months of the issue of the notice of intention to sell the land as per section 75 of the Local Government (Finance, Plans and Reporting) Regulation 2010;**

3. That a market value is obtained on all land that will be offered for sale by auction; and
4. That the reserve price is set as the higher of either the sum of the amount of all overdue rates levied on the land plus the expenses incurred for the intended sale, or the Unimproved Value [UV].

**CARRIED**

**REDLAND CITY COUNCIL**  
**Properties submitted for Sale of Land**  
**Rates Overdue Greater than three (3) years**  
**Council General Meeting 25 August 2010**  
**Schedule SO9**

<b>Property No.</b>	<b>Property Description &amp; Address</b>	<b>Area M<sup>2</sup></b>	<b>Zone</b>	<b>Period Overdue</b>
1333	Lots 8-10 C14563 59-63 Shore Street East, Cleveland.	4489	MDR1	1 YR 5 MTH
1335	Lot 6 C 14563 55 Shore Street East, Cleveland.	1897	MDR1	1 YR 5 MTH
15127	Lot 19 RP 130869 12 Allambie Street, Macleay Island.	579	SR	3 YRS 5 MTH
15787	Lot 279 RP 1418168 69 Kate Street, Macleay Island.	713	SR	2 YRS 8 MTH
17480	Lot 112 RP 129108 11 Eastern Road, Macleay Island.	607	SR	2 YRS 8 MTH
19183	Lot 2 RP 99414 Vol 13778112 126 Jackson Road, Russell Island.	493	SR	2 YRS 11 MTH
19211	Lot 9 RP 130620 12 Harvey Street, Russell Island.	627	SR	3 YRS 5 MTH
20178	Lot 67 RP 134206 Vol 14816057 7 Hawthornden Drive, Russell Island.	850	SC	1 YRS 5 MTH
22844	Lot 414 & 411 RP 122869 32-34 Canaipa Ridge Road, Russell Island.	LOT 414 – 582 LOT 411 – 582	SR	1 YRS 11 MTH
23579	Lot 42 RP 135031 Vol 14855033 8 Leichhardt Terrace, Russell Island.	1265	SR1	3 YRS 5 MTH
23892	Lot 139 RP 124451 Vol 14406078 25 Kennedy Avenue, Russell Island.	513	SR	1 YRS 11 MTH
26440	Lot 65 RP 128017 Vol 14569036 11 Dickenson Drive, Russell Island.	546	SR	3 YRS 5 MTH
38138	Lot 19 RP 135044 4 Acacia Court, Macleay Island.	622	SR	3 YRS 2 MTH

**14.3.3 GOVERNANCE ARRANGEMENTS FOR SHAREHOLDING COUNCILS**

**Dataworks Filename:** GOV WRAD - WB3 Establishment Group  
**Attachment:** [Terms of Reference Allconnex Water Owners Forum](#)  
**Responsible Officer Name:** Martin Drydale  
General Manager Corporate Services  
**Author Name:** Tony King  
Water Reform Project Co-ordinator

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**EXECUTIVE SUMMARY**

Following the commencement of the Allconnex Water business, the governance arrangements for participating Councils have been reviewed to ensure they remain appropriate. As a result of this review a new two tiered governance arrangement is proposed to ensure the interests of participating Councils are protected. This new arrangement will see the previous Establishment Group become the Allconnex Water Owners Forum (AWOF) and the former Formation and Transition meeting will become the Senior Officers Consultative Forum (SOCF).

**PURPOSE**

The purpose of this report is to seek endorsement from Council for the establishment of two consultative forums to ensure appropriate ongoing consultation in relation to managing the Participating Councils interests in Allconnex Water.

**BACKGROUND**

The establishment of Allconnex Water represents a new era for Council's involvement in Water Distribution and Retail. This has been heralded by legislation where the traditional shareholder arrangement for Corporations and Government Owned Corporations has been applied with similar 'in principle' arrangements whereby Participating Councils are the shareholding owners of Allconnex Water.

An independent Board has been appointed by the Participating Councils to ensure that Allconnex Water performs its functions as set out in the legislation. A participation agreement has been made by the Minister which prescribes the roles and obligations of its parties, namely Redland City Council, Gold Coast City Council, Logan City Council and Allconnex Water.

As the parties go forward from July 2010 there is a need for participating Councils to remain informed of developments within Allconnex Water that may affect them as owners and to be made aware of decisions by other participating councils that may affect Allconnex Water. Under the terms of the Participation Agreement there are also decisions which will need to be made from time to time by the participating councils and the proposed governance structure is designed to facilitate good

decision making by Councils with an emphasis on the development of coordinated advice and discussion with Allconnex Water at either Board or Chief Executive Officer level.

## **ISSUES**

A governance structure is proposed to ensure that all parties are able to meet their objectives. The governance structure proposed has two tiers, namely an Allconnex Water Owners Forum (similar in make up to the Establishment Group created under the Allconnex Water Establishment Governance Structure) and a Senior Officers Consultative Forum (similar to the former Formation and Transition Team).

### ***Allconnex Water Owners Forum (AWOF)***

The AWOF will meet quarterly and discuss and decide (or where appropriate consult on the making of recommendations to the Participating Councils) on all matters relating to the management of the Participating Councils' interests in Allconnex Water. It will also provide a forum for consultation with Allconnex Water management on matters relevant to the management of Participating Councils interests in Allconnex Water.

Matters for discussion/decision by AWOF include (but are not limited to):

- Quarterly financial and performance reports from Allconnex Water.
- Allconnex Water board decisions impacting upon Councils.
- Matters arising from the Participation Agreement, including:
  - Finalisation of Participation Rights;
  - Variation to the Participation Agreement;
  - Review/Appointment/Evaluation/Removal of Board Members;
  - Consultation with Allconnex on development of Water Services Management Plan;
  - Manage processes of decision making and any use of reserve powers; and
  - Dividend policy;
- Matters arising from the Partnering Agreement in relation to Development Approvals and Land Use Planning and development of the 'utility model' post July 2013.
- Approval of Participating Councils position in relation to legislative reviews.

The AWOF will be comprised of Council Chief Executive Officers (or their delegates) as well as the Chief Executive Officer and Chair of Allconnex Water.

In addition to the quarterly meetings, on an annual basis, following release of the Allconnex Water annual financial results, a meeting of the Mayors and Chief Executive Officers of the participating councils with the Chair and Chief Executive

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Officer of Allconnex Water will be held to discuss Allconnex Water performance and forward plans.

### ***Senior Officers Consultative Forum***

A senior officer of each Participating Council will be nominated to represent their Council at this level. This forum will meet on a monthly basis and will consult on a range of matters which will include (but is not limited to):

- Service Level Agreements
- Transfer Schemes
- Instruments of Delegation and Partnering Agreements
- Preliminary Review of draft financial and operational reports.
- Other contracted arrangements with AW
- Dividend Policy
- Project Planning
- Review on impact of Councils as agent for Allconnex
- Allconnex Water CSO policy and impact on Councils.
- Legislation Review
- Preparation of papers and policy positions for consideration by the Allconnex Water Owners Forum
- Consultation with Allconnex Water executive management team

For all matters requiring decision, or the development and advocacy of a policy position on behalf of the participating councils, the role of the Senior Officers Consultative Forum will be to develop a report and recommended position for determination by the Allconnex Water Owners Forum (or council if required).

### **RELATIONSHIP TO CORPORATE PLAN**

The recommendation primarily supports the following outcomes:

#### **8. Inclusive and ethical governance**

- 8.1 Establish and maintain effective partnerships with local, regional and national organisations and governments to deliver the visions and goals of the community.
- 8.5 Be transparent and consistent in the way we manage the organisation, its risks and obligations and ensure we are delivering against our priorities.

**9. An efficient and effective organisation**

- 9.1 Deliver excellent leadership throughout the organisation for the benefit of the community.

**FINANCIAL IMPLICATIONS**

Consultations and decisions made at the AWOFF may directly or indirectly affect expected financial returns from Allconnex Water to RCC.

**PLANNING SCHEME IMPLICATIONS**

There are no planning scheme implications within this report.

**CONSULTATION**

Consultation has occurred between the Chief Executive Officers, and Reform Programs of Redland City Council, Gold Coast City Council and Logan City Council. In addition, the governance arrangements have been discussed with, and are supported by, the Chief Executive Officer and Chairman of Allconnex Water.

**OPTIONS****PREFERRED**

That Council resolve to endorse the proposed two tier governance arrangements for Allconnex Water, noting that decisions reserved for Councils under the Participation Agreement will be referred to Council.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve to endorse the proposed two tier governance arrangements for Allconnex Water, noting that decisions reserved for Councils under the Participation Agreement will be referred to Council.**

**CARRIED**

**14.3.4 RUSSELL ISLAND AMBULANCE - REQUEST FOR EXTENSION TO LEASE AREA**

**Dataworks Filename:** L.151147  
**Attachments:** [Russell Island Ambulance Site Plan](#)  
**Responsible Officer Name:** Brian Lewis  
Manager Corporate Acquisitions Fleet & Facilities  
**Author Name:** Merv Elliott  
Property Services Manager

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**EXECUTIVE SUMMARY**

Council are the freehold owners of land situated at High Street, Russell Island described as Lot 12 S31826. Part of the land has been leased to the Minister for Emergency Services for ambulance purposes expiring 31 October 2014.

The Department of Community Safety (Queensland Ambulance Services) have requested Council to consider increasing the lease area (see plan attached) to allow for further development of the site.

**PURPOSE**

The purpose of this report is to present options to Council regarding a request by Department of Community Safety for an extension of the lease area for Russell Island Ambulance Station.

**ISSUES**

The land on which the ambulance facility is constructed is zoned Conservation Sub-area CN1. It is considered that any further intrusion into the site would be inconsistent with the intent of the Redlands Planning Scheme and is therefore not supported.

An alternative has been suggested whereby Queensland Ambulance Services relocate the Russell Island Ambulance Station to either Council land at Jackson Road, Russell Island or private land at this location, which would allow shared facilities between the Ambulance and Fire Station, Jackson Road and is within close distance to the helipad site.

The current lease expires in 2014 and Council will need to address the issue at that point in time, however it is considered that the option to relocate is a matter that could be considered by the Queensland Ambulance Services now.



## RELATIONSHIP TO CORPORATE PLAN

The recommendation primarily supports Council's strategic priority:

"Wise Planning and Design":

- 5.12: Plan, provide and advocate for essential physical and social infrastructure that supports community wellbeing and manage Council's existing infrastructure assets to ensure service standards are maintained or improved.

## FINANCIAL IMPLICATIONS

Council will receive revenue from the sale of the site.

## CONSULTATION

Property Services Manager has consulted with the Mayor, Local Councillor, Manager Community & Social Planning, Senior Advisor Sport & Recreation, Manager Environmental Management, and General Manager Development & Community Standards.

## OPTIONS

### PREFERRED

That Council resolve as follows:

1. To advise Queensland Ambulance Services that it refuses to increase the lease area as requested; and
2. That Queensland Ambulance Services be advised that Council would support relocation of the existing ambulance facility to Council land or privately owned land at Jackson Road, Russell Island, subject to the requirements of the Redlands Planning Scheme.

### ALTERNATIVE

That Council resolve as follows:

1. To agree to the extension of the existing lease area within Lot 12 S31826 shown on the plan attached as requested by Queensland Ambulance Services; and
2. That the Chief Executive Officer be authorised to sign all documentation in respect to the extension of the subject lease area.

**OFFICER'S/COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

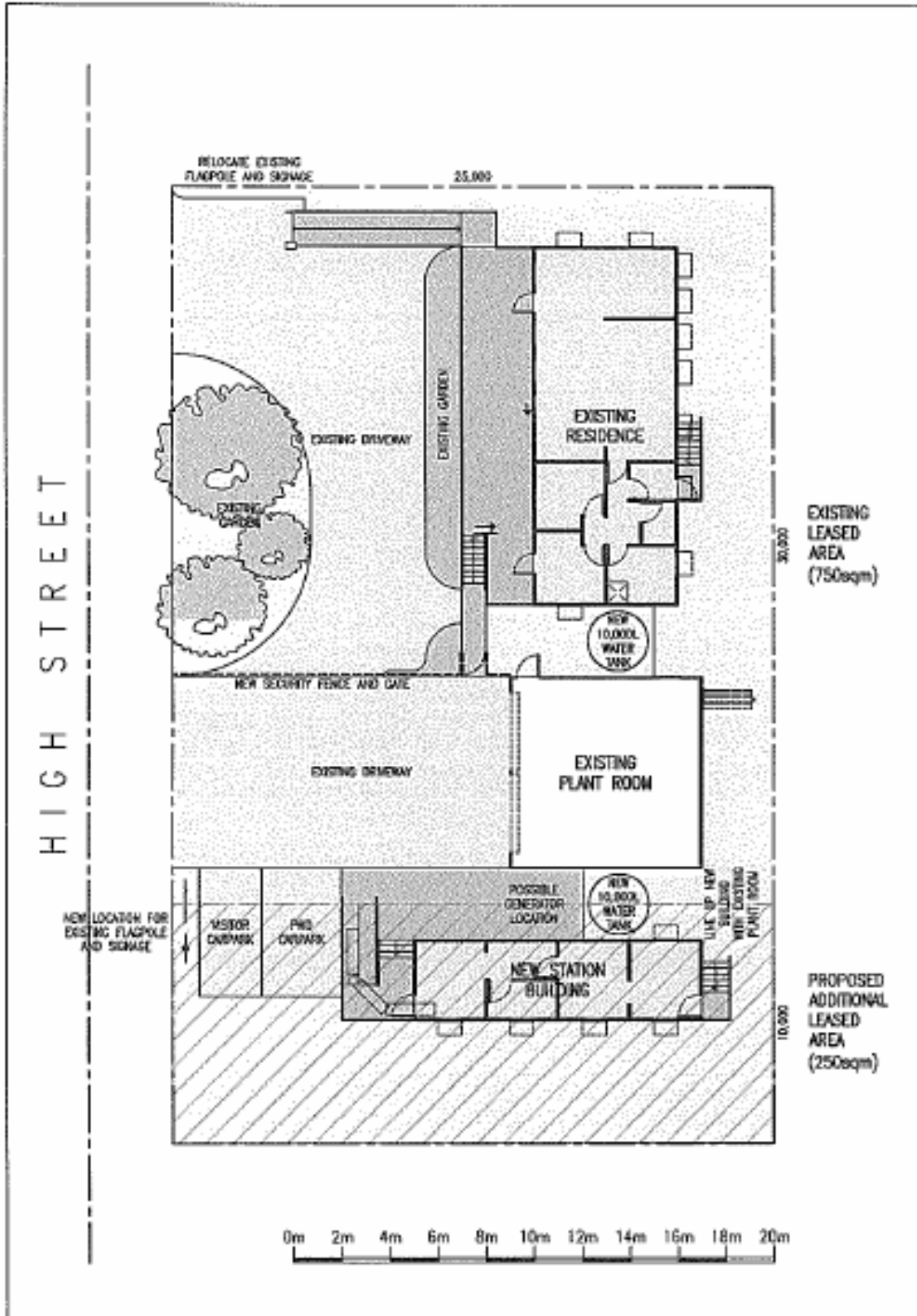
Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

**That Council resolve as follows:**

- 1. To advise Queensland Ambulance Services that it refuses to increase the lease area as requested; and**
- 2. That Queensland Ambulance Services be advised that Council would support relocation of the existing ambulance facility to Council land or privately owned land at Jackson Road, Russell Island, subject to the requirements of the Redlands Planning Scheme.**

**CARRIED**







## TERMS OF REFERENCE ALLCONNEX WATER OWNERS FORUM

### Background

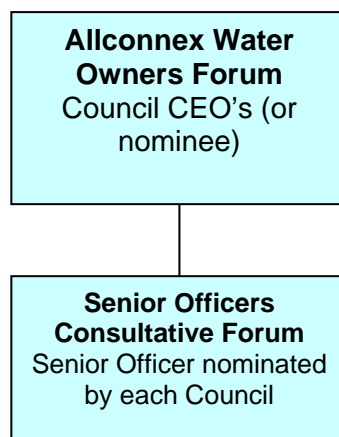
The establishment of Allconnex Water (AW) represents a new era for Council's involvement in water distribution and retail. This era has been heralded by legislation whereby the traditional shareholder arrangement for corporations and government owned corporations has been replaced with similar 'in principle' arrangements whereby Participating Councils are the owners of Allconnex Water.

An independent board has been appointed by the Participating Councils to ensure that the Allconnex Water performs its functions as set out in the legislation. A Participation Agreement (PA) has been approved by the Minister which prescribes the roles and obligations of its parties, namely Gold Coast City Council (GCCC), Logan City Council (LCC), Redland City Council (RCC), and Allconnex Water (AW).

As the parties go forward from 1 July 2010, there is a need for Participating Councils to remain informed of developments within AW that may affect them and to be made aware of decisions by other Participating Councils that may affect Allconnex Water. Under the terms of the Participation Agreement there are also decision which will need to be made from time to time by the Participating Councils and the proposed governance structure is designed to facilitate good decision making by Councils, with an emphasis on the development of coordinated advice and discussion with Allconnex Water, at either Board or CEO level.

### Governance

A governance structure has been developed to ensure that all parties are able to meet their objectives. The governance structure proposed has two tiers, namely an Allconnex Water Owners Forum and a Senior Officers Consultative Forum.



### Role

The AWOF will discuss and decide (or where appropriate consult on the making of recommendations to the Participating Councils) on all matters relating to the management of the Participating Councils interests in Allconnex Water. It will also provide a forum for

consultation with Allconnex Water management on matters relevant to the management of Participating Councils interests in Allconnex Water.

Matters for discussion / decision by AWOF include (but are not limited to):

- Quarterly financial and Performance Reports from Allconnex Water
- Allconnex Water board decision impacting upon Councils.
- Matters arising from the Participation Agreement, including:
  - Finalisation of Participation Rights;
  - Variation to the Participation Agreement;
  - Review / Appointment / Removal of Board Members;
  - Consultation with Allconnex on development of Water Services Management Plan;
  - Manage processes of decision making any use of reserve powers; and
  - Dividend policy
- Matters arising from the Partnering Agreement in relation to Development Approvals and Land Use Planning and development of the 'utilities model' post July 2013.
- Approval of Council position in relation to legislative reviews.

### **Membership**

Membership: Council Chief Executive Officers (or their delegate), as representatives of their Council

### **Proxies**

May be nominated by each member.

### **Chair**

Chair: To be elected by the three members by simple majority.

### **Quorum**

A quorum requires the attendance of all members or their nominated proxy (including at teleconference meetings).

### **Meeting Coordination**

The AWOF is to meet at least quarterly, scheduled to occur two weeks following a scheduled Allconnex Board meeting at which quarterly reporting to Participating Councils in accordance with the Participation Agreement is approved. This is expected to be in the first week in August, November, February and May. Secretariat support is to be provided by the Chair, or as agreed by the members.

On an annual basis, following release of the Allconnex Water annual financial results, a meeting of the Mayors and CEO's of the Participating Councils with the Chair and CEO of Allconnex Water will be held to discuss Allconnex Water performance and forward plans.

Any member of the AWOF may call an extra-ordinary meeting(s).

Decisions can be made by Flying Minute.

Minutes will be kept.

### **Decision Making**

In acknowledgement of the collaborative approach required, decisions and recommendations should be reached by consensus. If a consensus cannot be reached, then the matter is to be referred to the Participating Councils for resolution in accordance with the terms of the

Participation Agreement. Some decisions, as per the legislation and the Participation Agreement, are reserved for Councils.

## TERMS OF REFERENCE SENIOR OFFICERS CONSULTATIVE FORUM

### Background

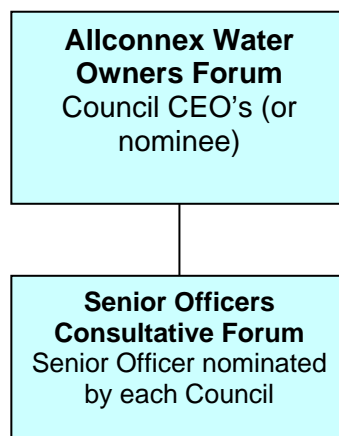
The establishment of Allconnex Water (AW) represents a new era for Council's involvement in water distribution and retail. This era has been heralded by legislation whereby the traditional shareholder arrangement for corporations and government owned corporations has been replaced with similar 'in principle' arrangements whereby Participating Councils are the owners of Allconnex Water.

An independent board has been appointed by the Participating Councils to ensure that Allconnex Water performs its functions as set out in the legislation. A Participation Agreement (PA) has been approved by the Minister which prescribes the roles and obligations of its parties, namely Gold Coast City Council (GCCC), Logan City Council (LCC), Redland City Council (RCC), and Allconnex Water (AW).

As the parties go forward from 1 July 2010, there is a need for Participating Councils to remain informed of developments within AW that may affect them and to be made aware of decisions by other Participating Councils that may affect Allconnex Water. Under the terms of the Participation Agreement there are also decision which will need to be made from time to time by the Participating Councils and the proposed governance structure is designed to facilitate good decision making by Councils, with an emphasis on the development of coordinated advice and discussion with Allconnex Water, at either Board or CEO level.

### Governance

A governance structure has been developed to ensure that all parties are able to meet their objectives. The governance structure proposed has two tiers, namely an Allconnex Water Owners Forum and a Senior Officers Consultative Forum.



### Role

A senior officer of each Participating Council will be nominated to represent their Council at this level. The role of this forum will be to consult on a range of matters which will include (but is not limited to):

- Service Level Agreements
- Transfer Schemes



- Instruments of Delegation and Partnering Agreements
- Preliminary Review of draft financial and operational reports.
- Other contracted arrangements with AW
- Dividend Policy
- Project Planning
- Review on impact of Councils as agent for Allconnex
- Allconnex Water CSO policy and impact on Councils.
- Legislation Review
- Preparation of papers and policy positions for consideration by the Allconnex Water Owners Forum
- Consultation with Allconnex Water executive management team

For all matters requiring decision, or the development and advocacy of a policy position on behalf of the Participating Councils, the role of the Senior Officers Consultative Forum will be to develop a report and recommended position for determination by the Allconnex Water Owners Forum (or council if required).

### **Membership**

Membership: Each Council to nominate a senior officer to represent them.

### **Proxies**

May be nominated by each member.

### **Chair**

Chair: To be elected by the three members by simple majority.

### **Quorum**

A quorum requires the attendance of all members or their nominated proxy (including at teleconference meetings).

### **Meeting Coordination**

The SOCF is to meet at least monthly, scheduled to occur within two weeks of a scheduled Allconnex Board meeting.

- Secretariat support is to be provided by the Chair or otherwise as agreed.
- Any member of the SOCF may call an extra-ordinary meeting(s).
- Decisions can be made by Flying Minute.
- Minutes will be kept.
- Meetings will be rotated between each Council.

### **Decision Making**

In acknowledgement of the collaborative approach required, decisions and recommendations should be reached by consensus (noting the constraints on the role of the Senior Officers

group as identified in the role statement). If a consensus cannot be reached, then the matter is to be referred to the Allconnex Water Owners Forum.

**14.4 COMMITTEE CLOSED SESSION**

The Committee meeting was closed to the public under section 72(1) of the *Local Government (Operations) Regulation 2010* to discuss the following items:

- 14.4.1 Corporate Services Departmental Structure; and
- 14.4.2 Equity Determination Update.

Following deliberation on these matters, the Committee meeting was again opened to the public.

**14.4.1 CORPORATE SERVICES DEPARTMENTAL STRUCTURE**

(See item 17.2.1 for the Council resolution in this matter)

**14.4.2 EQUITY DETERMINATION UPDATE**

**Dataworks Filename:** GOV WRAD – WB3 Establishment Group  
**Responsible Officer Name:** Martin Drydale  
General Manager Corporate Services  
**Author Name:** Tony King  
Water Reform Project Coordinator

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**EXECUTIVE SUMMARY**

A confidential report from Water Reform Project Coordinator dated 13 August 2010 was discussed in closed session.

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Ogilvie  
Seconded by: Cr Boglary

1. That Council note that officers are continuing to work to gain the best financial outcome for Redland City Council from the equity determination; and
2. That this report remain confidential pending the outcome of the final calculation.

**CARRIED**

**15 MAYORAL MINUTE****15.1 COUNCILLORS' REMUNERATION****COUNCIL RESOLUTION**

Moved by: Cr Hobson

**That Council resolve that the Redland City Councillors attending the LGAQ Conference in Mackay attend a deputation with the Local Government Remuneration and Disciplinary Tribunal to recommend that the Tribunal provides Councils with a single figure for each of the Mayor, Deputy Mayor and Councillors' remuneration, rather than a range for each of these positions, which will remove the requirement for Councillors to decide their own remuneration.**

**CARRIED**

## 16 DIRECT TO COUNCIL REPORTS

### 16.1 CORPORATE SERVICES

#### 16.1.1 JULY 2010 - MONTHLY FINANCIAL REPORTS

**Datworks Filename:** FM Monthly Financial Reports to Committee  
**Attachment:** [End of Month Financial Report July 2010](#)  
**Responsible Officer Name:** Kerry Phillips  
Manager Financial Services  
**Author Name:** Kevin Lamb  
Services Manager Financial Reporting

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#### EXECUTIVE SUMMARY

Section 152(2) of the *Local Government (Finance Plans & Reporting) Regulation 2010* requires the Chief Executive Officer to present the financial report to a monthly meeting.

The attachments to this report present the July 2010 financial statement of accounts to Council and provide detailed analytical commentary. Millions will be displayed by an M, and thousands will be displayed by a K. It should be noted that final June 30 statements are still under development: consequently the statement of financial position at 31 July should be viewed as preliminary until final audited 30/6/10 results are published.

The financial statements demonstrate that five of the seven Financial Stability Ratios Key Financial Performance Indicators exceed targets set in the 2010-2011 budget. These are:

- ability to pay our bills – current ratio;
- ability to repay our debt – debt servicing ratio;
- cash balance;
- cash balances – cash capacity in months; and
- longer term financial stability – debt to assets ratio;

The following two Financial Stability Ratios Key Financial Performance Indicators are outside of Councils target range:

- level of dependence on general rate revenue (total first quarters' levy was recognised in July) – this indicator will improve in second & third months of each quarter;
- operating performance (this KPI will improve in August when the bulk of cash from July rate levy is receipted)

With respect to the five measures of sustainability adopted as part of the 2010-2011 budget, Council is currently meeting four of the five targets. These are:

- net financial liabilities ratio;
- interest cover ratio;
- asset consumption ratio; and
- operating surplus ratio (Council's result of 49.9% was well ahead of the target range of

0 - 15%, principally due to recognising the total first quarter levy in July)

Council's system is currently being structured to measure its' asset sustainability ratio.

Council's end of month operating financial result (Earnings Before Interest, Tax and Depreciation – EBITD) is ahead of revised budget by \$607K, with operating revenue below budget by \$169K & operating expenditure underspent by \$776K. It should be noted that included in revenue are rates levied for the whole 1<sup>st</sup> quarter. Last financial year rates were brought to account on a monthly basis. Council's operating surplus after depreciation and interest charges was \$11.4M, a favourable variance of \$411K on budget.

The cash held at the end of July 2010 is \$73.7M, equal to 7.2 months cash capacity against an original target of three to four months.

## **PURPOSE**

The purpose is to present the July 2010 report to Council and explain the content and analysis of the report. Section 152(2) of the *Local Government (Finance, Plans & Reporting) Regulation 2010* requires the Chief Executive Officer of a local government to present statements of its accounts to the local government.

## **BACKGROUND**

The Corporate Plan contains a strategic priority to support the organisation's capacity to deliver services to the community by building a skilled, motivated and continually learning workforce, ensuring assets and finances are well managed, corporate knowledge is captured and used to best advantage, and that services are marketed and communicated effectively

## **ISSUES**

The following elements, shown in the attachments, comprise the End of Month Financial Reports for July 2010:

### **Dashboard and Key Performance Indicators (A)**

- Operating Revenue compared with Budget;
- Operating Expenditure compared with Budget;
- Employee Costs compared with Budget;

- Capital Expenditure compared with Budget;
- Key Performance Indicators – Actuals compared with Budget and Targets.

### **Operating Statement with headline commentary (B)**

Shows the percentage variance of year to date actual results compared with year to date budget by colour indicators. Tolerance levels for the variances differ between operational and capital amounts.

Additionally, a **Cash Flow Statement (C)**; **Statement of Financial Position (D)**; and an **Investment Summary and Graphs (E)** have been included to provide the complete picture of Council's finances. Finally, an **Operating Statement with detailed commentary (F)** shows year to date actual results compared with annual and year to date budgets. This report has a brief commentary on all year to date variances greater than \$20,000 and variances are classified as timing or permanent.

### **RELATIONSHIP TO CORPORATE PLAN**

The recommendation in this report primarily supports the following outcomes:

#### **8. Inclusive and ethical governance**

- 8.7 Ensure Council resource allocation is sustainable and delivers on Council and community priorities.
- 8.8 provide clear information to citizens about rates, fees and charges are set and how Council intends to finance the delivery of the Community plan and Corporate Plan.

### **FINANCIAL IMPLICATIONS**

The overall preliminary financial result for the period ending July 2010 remains strong with EBITD of \$14.1M (\$607K ahead of budget). This result is due to total operating revenue of \$22.8M (\$169K below budget) and total operating costs of \$8.6M (\$776K below budget).

#### Operating Revenue

Rates Charges are unfavourable against budget by \$316K. Utility Charges have a favourable variance of \$76K predominantly as a result of favourable Planning and Policy landfill remediation charges of \$167K partially offset by unfavourable Waste Operation refuse collection charges of \$33K.

Fees and Charges are below budget by \$161K due to unfavourable variances in Development & Community Standards of \$131K, consisting of Community Standards \$57K, Sustainable Assessment revenue \$60K and Building & Plumbing \$13K.

Operating Grants and Subsidies is below budget by \$227K due to timing of HAS grant not yet received \$247K, offset by favourable \$44K direct banking grant.



External interest is favourable by \$64K due mainly to higher than anticipated cash holdings.

Other revenue is above budget by \$469K due to Allconnex SLA Revenue \$316K, litigation payments received from Norton Rose \$66K & commercial rent \$30K.

#### Operating Expenditure

Operational Employee Costs is over budget by net \$53K with unfavourable variances across Customer Service \$67K, Redland Water \$43K and Corporate Services \$54K being partially offset by underspends in Development & Community Standards \$102K and Planning & Policy \$7K.

Operational Goods and Services are under year to date budget by \$881K. The largest variances relate to Environmental Management \$214K, Legal Expenses \$164K, Infrastructure Planning \$110K, PDG \$76K, CAFF \$63K, Development & Community Standards department overall \$52K, Information Mgt \$36K, People & Change \$26K and Financial Services \$20K.

#### Capital Revenue

Contributions and Donations is \$622K under budget in total with developer contributions in Planning and Policy \$359K and Customer Service (relating to RPAC) \$265K under budget.

#### Capital Expenditure

The Capital Expenditure program is 33.6% or \$2.27M below revised budget as at the end of July 2010 due to significant underspends in Customer Service \$2.03M, Planning and Policy \$415K, partially offset by Corporate Services with \$141K.

Capitalised Employee Costs is \$23K below revised budget predominantly associated with PDG.

#### Cash and Investments

The investment of surplus funds for the month returned a weighted average rate of return of 5.44%, which is ahead of the UBS Aust Bank Bill Index of 5.08%. The cumulative position for the year is a favourable return of 5.45% against the UBS Aust Bank Bill Index of 5.08%. These returns are reported on a monthly weighted average return and Council benchmarks the funds against the UBS Australian Bank Bill Index. Interest return is reported on both an annual effective and nominal rate of return. It is also relevant to note that the RBA policy interest rate has remained steady 4.50% as at the end of July 2010.

The cash balance is \$73.7M at the end of July 2010 which is equivalent to 7.2 months cash capacity.

### **CONSULTATION**

Consultation has taken place amongst the Executive Leadership Group.

**OPTIONS****PREFERRED**

That Council resolve to note the preliminary End of Month Financial Reports for July 2010 and explanations as presented in the following attachments:

1. Dashboard and Key Performance Indicators (A)
2. Operating Statement with headline commentary (B)
3. Cash Flow Statement (C)
4. Statement of Financial Position (D)
5. Investment Summary and Graphs (E) ; and a
6. Operating Statement with detailed commentary (F)

**ALTERNATIVE**

That Council requests additional information.

**OFFICER'S RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Boglary

**That Council resolve to note the preliminary End of Month Financial Reports for July 2010 and explanations as presented in the following attachments:**

- 1. Dashboard and Key Performance Indicators (A)**
- 2. Operating Statement with headline commentary (B)**
- 3. Cash Flow Statement (C)**
- 4. Statement of Financial Position (D)**
- 5. Investment Summary and Graphs (E) ; and a**
- 6. Operating Statement with detailed commentary (F)**

**CARRIED**



**Redland**  
CITY COUNCIL

**Glossary of Terms**

**REDLAND CITY COUNCIL  
END OF MONTH FINANCIAL REPORTING  
FOR THE PERIOD ENDING 31 July 2010**

**Key Performance Indicators:**

**Level of Dependence on General Rates Revenue:**

Threshold set @ 45%

$$\frac{\text{General Rates - Pensioner Remissions}}{\text{Total Operating Revenue - Gain on Sale of Developed Land}}$$

**Current Ratio:**

Target greater than 1.25

$$\frac{\text{Current Assets}}{\text{Current Liabilities}}$$

**Debt Servicing Ratio:**

Target less than 10%

$$\frac{\text{Interest Expense + Loan Redemption}}{\text{Total Operating Revenue - Gain on Sale of Developed Land}}$$

**Cash Balance - \$M:**

Cash Held at Period End

**Cash Capacity in Months:**

Target 3 to 4 Months

$$\frac{\text{Cash Held at Period End}}{[(\text{Cash Operating Costs} + \text{Interest Expense}) / \text{Period in Year}]}$$

**Debt to Assets Ratio:**

Target less than 10%

$$\frac{\text{Current and Non-current loans}}{\text{Total Assets}}$$

**Operating Performance :**

Target greater than 20%

$$\frac{\text{Net Cash from Operations + Interest Revenue and Expense}}{\text{Cash Operating Revenue + Interest Revenue}}$$

**Operating Surplus Ratio:**

Target between 0 and 15%

$$\frac{\text{Net Operating Surplus}}{\text{Total Operating Revenue}}$$

**Net Financial Liabilities\*:**

Target less than 60%

$$\frac{\text{Total Liabilities - Current Assets}}{\text{Total Operating Revenue}}$$

**Interest Cover Ratio:**

Target between 0% and 10%

$$\frac{\text{Net Interest Expense on Debt Service}}{\text{Total Operating Revenue}}$$

**Asset Consumption Ratio:**

Target between 40% and 80%

$$\frac{\text{WDV of Infrastructure Assets}}{\text{Gross Current Replacement Cost of Infrastructure Assets}}$$

**Asset Sustainability Ratio:**

(will be calculated when the systems can provide the information)

$$\frac{\text{Capital Expenditure on the Replacement of Assets (renewals)}}{\text{Depreciation Expense}}$$

**Asset Renewal Funding Ratio:**

(will be calculated when the systems can provide the information)

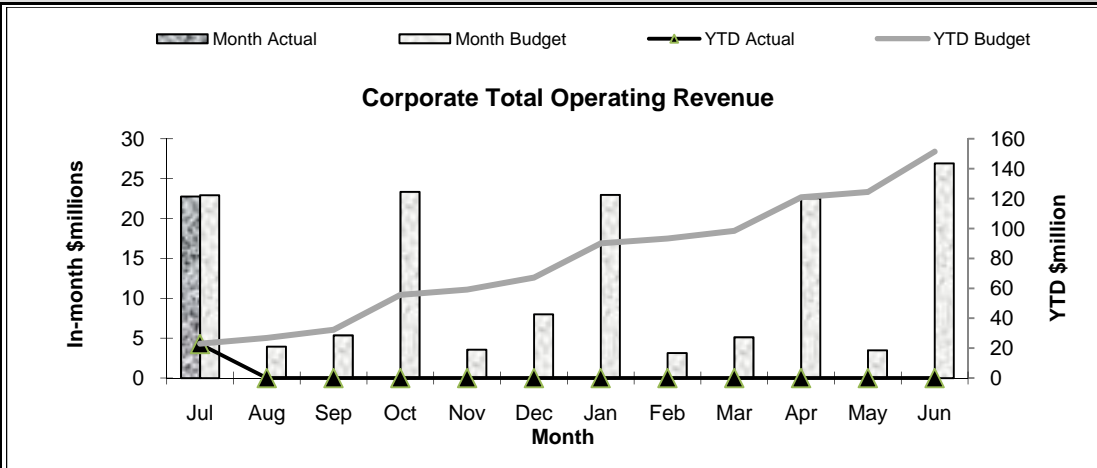
$$\frac{\text{NPV of Planned Capital Expenditures on Renewals over 10 years}}{\text{NPV of the Required Capital Expenditures on Renewals over the Same Period}}$$

**Tolerance Levels for operating and capital performance against revised forecast:**

The tolerance levels below will be used in colour coding the **cumulative actual result** against the **cumulative revised forecast**.

<b>Operating revenues and expenditure tolerances:</b>	>2% above or below forecast	>1% above or below forecast to ≤2% above or below forecast	>0.5% above or below forecast to ≤1% above or below forecast	≤ 0.5% above or below forecast
	<b>"Unsatisfactory"</b>	<b>"Satisfactory"</b>	<b>"Above Standard"</b>	<b>"Outstanding"</b>
<b>Capital revenues and expenditure tolerances:</b>	>5% above or below forecast	>3% above or below forecast to ≤5% above or below forecast	>2% above or below forecast to ≤3% above or below forecast	≤2% above or below forecast

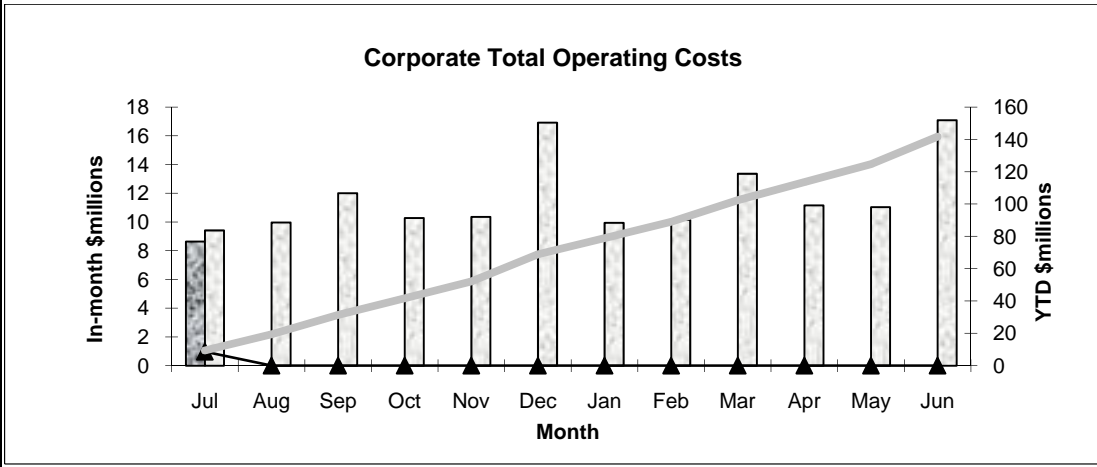
# RCC DASHBOARD ENCOMPASSING CORPORATE FINANCIAL REPORT CARD AND KEY PERFORMANCE INDICATORS



YTD Actual \$.M YTD Budget \$.M

**Below budget**  
 <2%  
 Variance \$.0M .%

.0% of full year budget



YTD Actual \$.0M YTD Budget \$.0M

**Below budget**  
 <2%  
 Variance \$.M .%

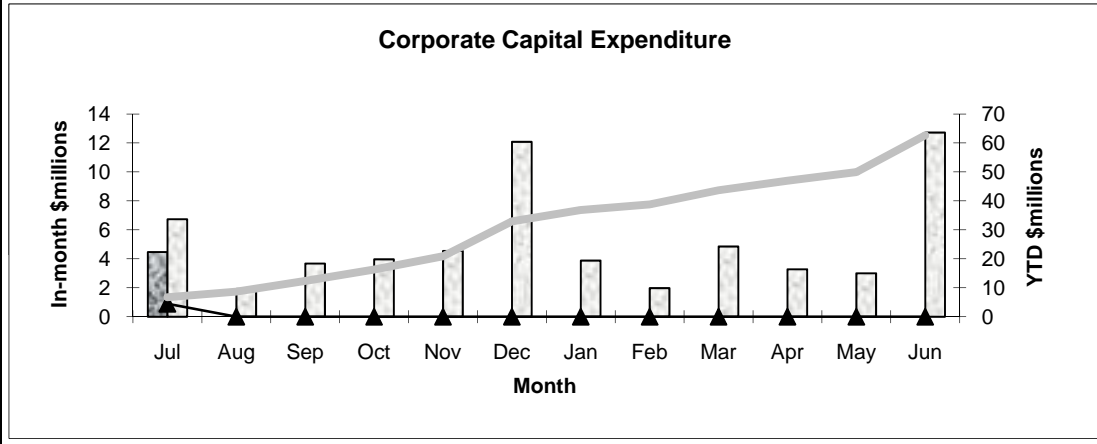
.0% of full year budget



YTD Actual \$.0M YTD Budget \$.0M

**Below budget**  
 <2%  
 Variance \$.M .%

.0% of full year budget



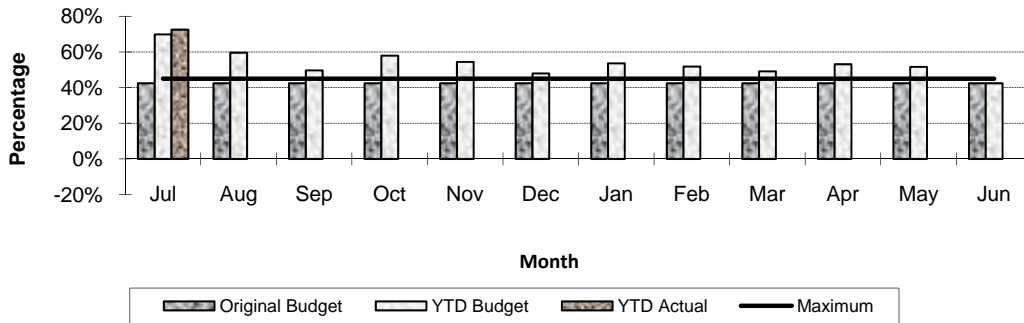
YTD Actual \$.0M YTD Budget \$.0M

**Below budget**  
 <5%  
 Variance \$.M .%

.0% of full year budget

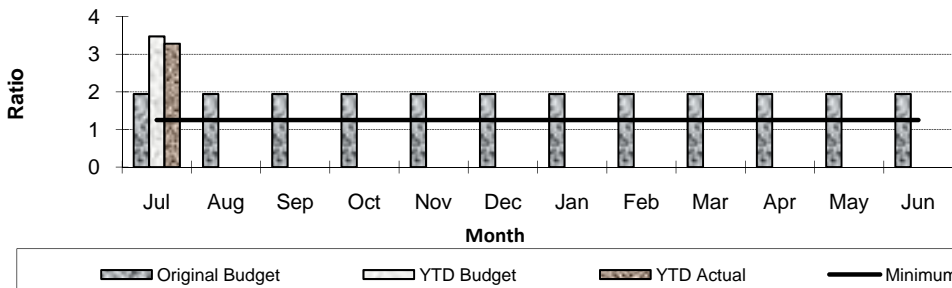
**RCC DASHBOARD ENCOMPASSING CORPORATE FINANCIAL REPORT CARD AND KEY PERFORMANCE INDICATORS**

**Level of Dependence on General Rates Revenue**



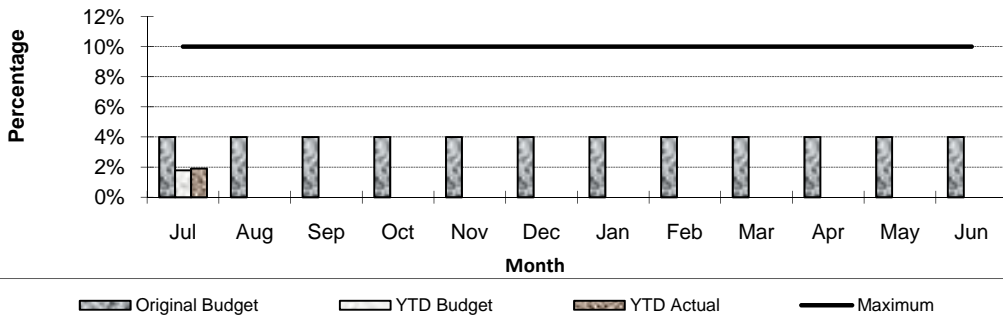
Original Budget 43.9%  
 YTD Budget .%  
 YTD Actual .%  
 Maximum .0%

**Current Ratio (Target greater than 1.25)**



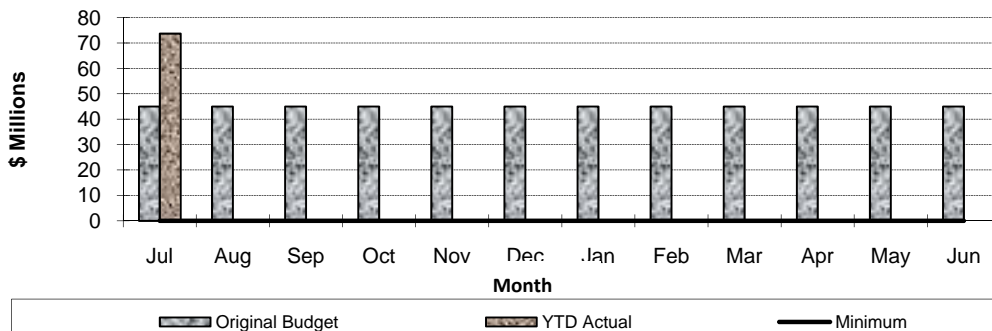
Original Budget .  
 YTD Budget .  
 YTD Actual .  
 Minimum .

**Debt Servicing Ratio (Target Less than 10%)**



Original Budget .0%  
 YTD Budget .%  
 YTD Actual .%  
 Maximum .0%

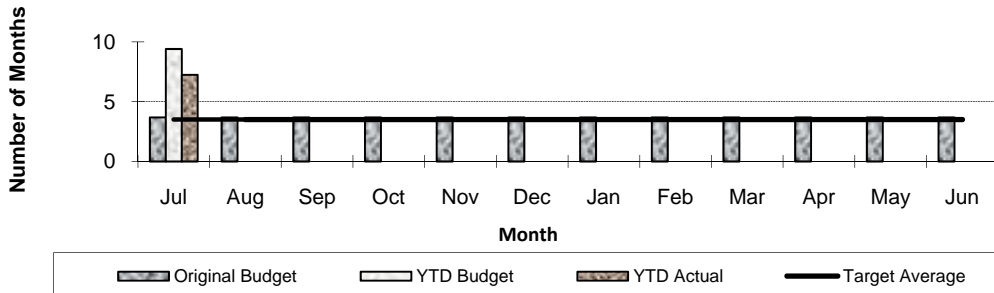
**Cash Balance - \$M**



Orig Budget \$.0M  
 YTD Actual \$.M

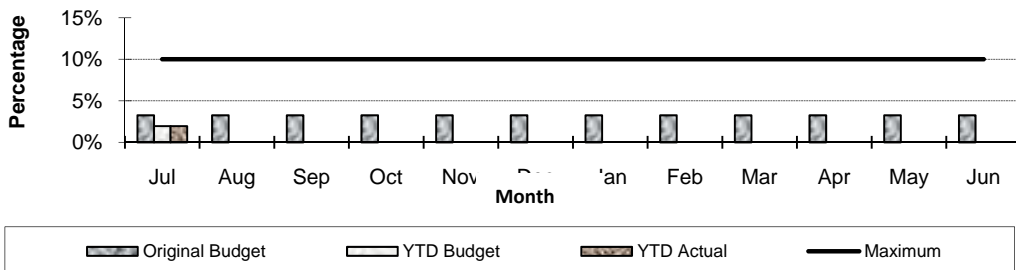
# RCC DASHBOARD ENCOMPASSING CORPORATE FINANCIAL REPORT CARD AND KEY PERFORMANCE INDICATORS

**Cash Balances - Cash Capacity in Months  
(Target 3 to 4 Months)**



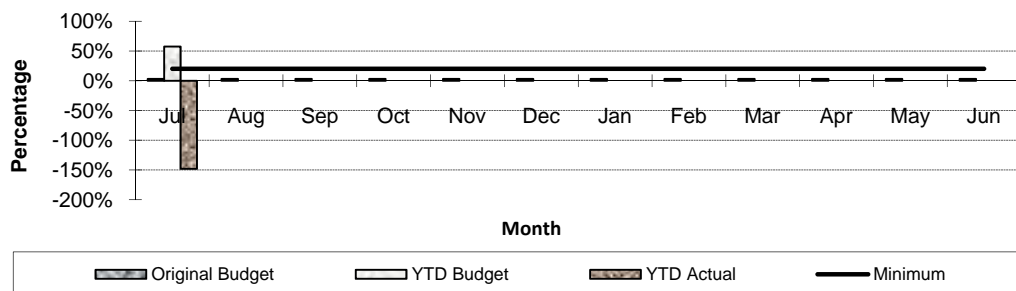
Orig Budget .0  
YTD Budget .0  
YTD Actual .0  
Target 3 - 4 months

**Long Term Financial Stability - Debt to Assets Ratio  
(Target less than 10%)**



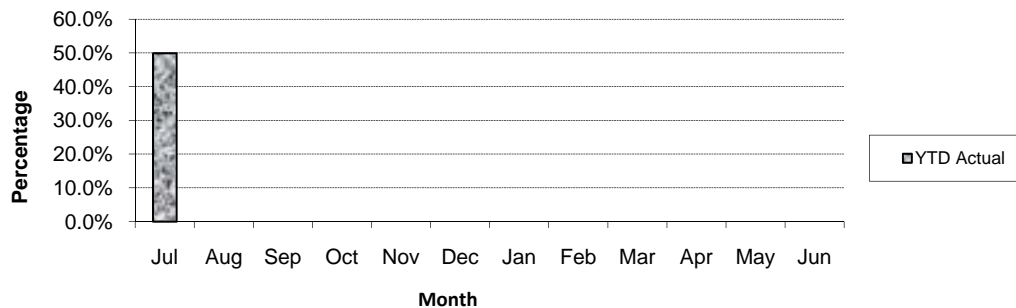
Orig Budget .%  
YTD Budget .0%  
YTD Actual .0%  
Maximum .0%

**Operating Performance (Target greater than 20%)**



Orig Budget .%  
YTD Budget .0%  
YTD Actual .%  
Minimum .0%

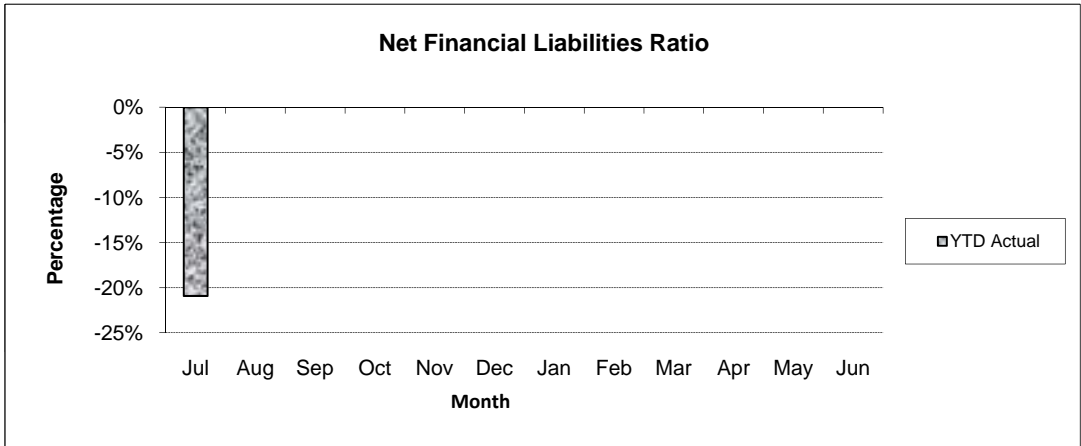
**Operating Surplus Ratio (Target between 0 and 15%)**



Orig Budget -15.9%  
YTD Actual .%

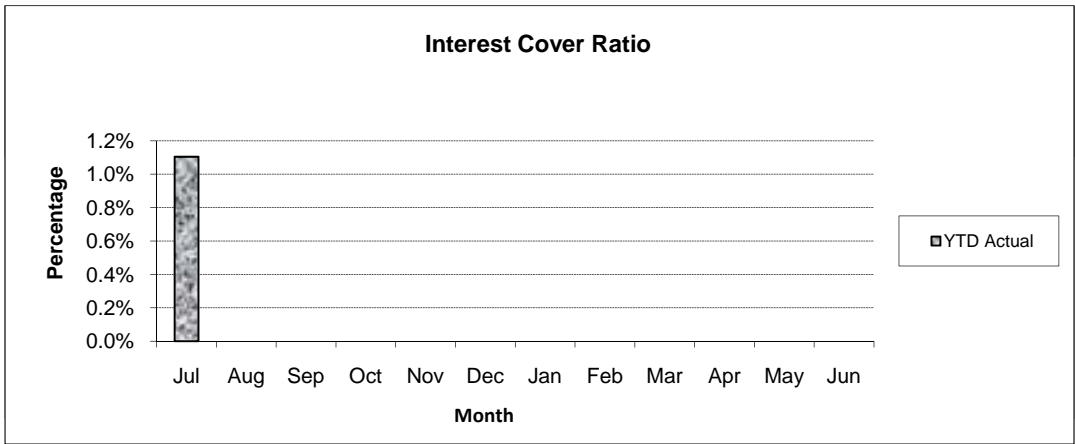
The target as per the 'Measures of Sustainability Guideline' is **Between 0% and 15%**

**RCC DASHBOARD ENCOMPASSING CORPORATE FINANCIAL REPORT CARD AND KEY PERFORMANCE INDICATORS**



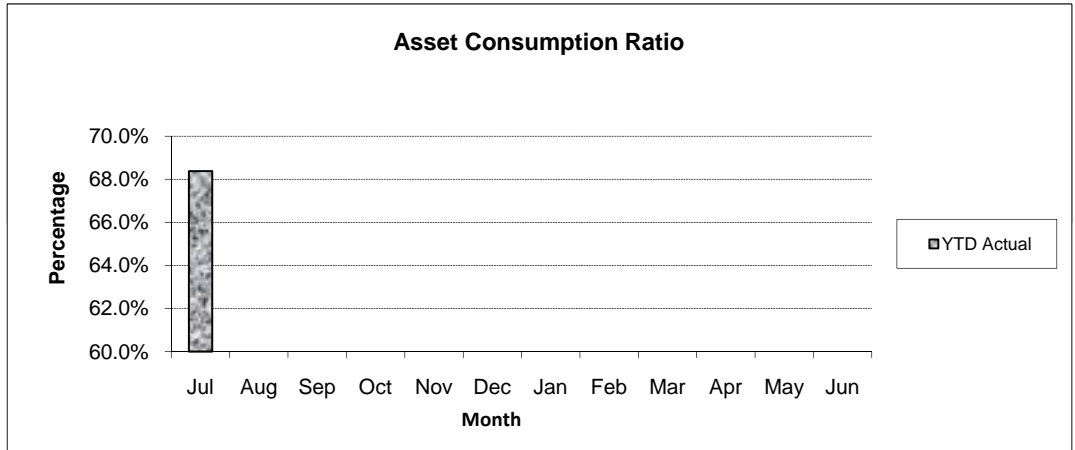
**Orig Budget 39.5%**  
**YTD Actual .%**

The target is **Less than 60%**



**Orig Budget 2.4%**  
**YTD Actual .%**

The target as per the 'Measures of Sustainability Guideline' is **Between 0% and 10%**



**Orig Budget 41.8%**  
**YTD Actual .%**

The target as per the 'Measures of Sustainability Guideline' is **Between 40% and 80%**

Finance One ledgers are currently being structured in order to capture the relevant information for the following ratios: 'Asset Sustainability Ratio' and 'Asset Renewal Funding Ratio'.

Schedule B



**Redland City Council**

**OPERATING STATEMENT  
For the Period Ending 31 July 2010**

≤0.5% above or below forecast Outstanding  
 >0.5% above or below forecast to ≤1% above or below forecast Above Standard  
 >1% above or below forecast to ≤2% above or below forecast Satisfactory  
 >2% above or below forecast Unsatisfactory

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Comments on Variances	Forecast Variances
<b>Revenue</b>							
Rates Charges	68,906	68,906	17,105	16,788	(316)	Financial Services Group - Credits Held (\$339K)	
Other Rates & Utility Charges	29,121	29,121	4,204	4,280	76	Refuse collection charges - phasing to budget (\$33K), Plan & Pol \$167K	
Less: Pensioner Remissions	(2,492)	(2,492)	(544)	(617)	(74)		
Fees & Charges	16,647	16,647	1,227	1,066	(161)	CCS (\$43K), O&M \$11K, Corp Serv (\$7K), Devel & Comm (\$131K)	
Operating Grants & Subsidies	8,140	8,140	284	57	(227)	CCS (\$252K), O&M (\$16K), Corp Serv (\$44K) Direct Banking operational grants	
Operating Contributions and Donations	215	215	0	0	(0)		
Interest External	3,678	3,678	299	364	64	Return on term investments higher than expected, higher cash balance	
Allconnex Water Investment Returns	19,020	19,020	0	0	0		
Other Revenue	8,103	8,103	355	825	469	Litigation payments \$65K, O&M \$23K, Allconnex Water SLA Revenue \$316K	
<b>Total Revenue</b>	<b>151,337</b>	<b>151,337</b>	<b>22,932</b>	<b>22,763</b>	<b>(169)</b>		
<b>Expenses</b>							
Employee Costs	66,641	66,641	5,381	5,434	53	CCS \$13K, O&M (\$51K), PDG \$10K, Information Management \$23K Temps, Water Distribution Project \$33K Temps, Dev & Com (\$102K) due to various vacancies.	
Goods & Services	75,146	75,146	3,944	3,063	(881)	Legal expenses (\$164K), O&M \$9K, PDG (\$76K), Environmental Management Group (\$214K), Infrastructure Planning Group (\$110K), Information Mgt (\$36K), CAFF Group (\$63K)	
Finance Costs Other	340	340	(4)	0	5	Bank charges - timing	
Other Expenditure	332	332	22	6	(17)		
Net Internal Costs	(766)	(766)	76	140	64	Refers to internal CSO transactions mainly	
<b>Total Expenses</b>	<b>141,694</b>	<b>141,694</b>	<b>9,419</b>	<b>8,642</b>	<b>(776)</b>		
<b>Earnings before Interest, Tax and Depreciation (EBITD)</b>							
	<b>9,644</b>	<b>9,644</b>	<b>13,513</b>	<b>14,121</b>	<b>607</b>		
Interest Expense	3,647	3,647	236	252	16		
Depreciation	30,072	30,072	2,326	2,506	180	Incorrect budget split for other infrastructure to be corrected period 2	
<b>Operating Surplus/(Deficit)</b>	<b>(24,075)</b>	<b>(24,075)</b>	<b>10,952</b>	<b>11,363</b>	<b>411</b>		
Transfers from Unconstrained Reserves	4,000	4,000					
<b>Adjusted Operating Surplus/(Deficit)</b>	<b>(20,075)</b>	<b>(20,075)</b>	<b>10,952</b>	<b>11,363</b>	<b>411</b>		
Transfers to Constrained Operating Reserves	(15,540)	(15,540)	(3,066)	0	3,066	Reserve transfers being made in August	
Transfer from Constrained Operating Reserves	10,449	10,449	534	0	(534)	Reserve transfers being made in August	





## Redland City Council

### CAPITAL FUNDING STATEMENT For the Period Ending 31 July 2010

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Comments on Variances	Forecast Variances
<b>Sources of Capital Funding</b>							
Capital Contributions & Donations	7,422	7,422	673	50	(622)	PDG (\$265K), Infrastructure Planning Group (\$360K) developer contributions lower	
Capital Grants & Subsidies	7,585	7,585	98	104	6		
Proceeds on Disposal of Non Current Assets	2,098	2,098	0	46	46	Fleet Services - Timing	
Capital Transfers (To) From Reserves	5,907	5,907	3,291	0	(3,291)	Reserve journal not being processed in period 1, amend period 2	
Non Cash Contributions	0	0	0	0	0		
New Loans	19,799	19,799	0	0	0		
Funding from General Revenue	22,257	22,257	2,849	4,452	1,603	Reserve journal not being processed in period 1, amend period 2	
<b>Total Sources of Capital Funding</b>	<b>65,066</b>	<b>65,066</b>	<b>6,910</b>	<b>4,652</b>	<b>(2,258)</b>		
<b>Applications of Capital Funds</b>							
Contributed Assets	0	0	0	0	0		
Capitalised Goods & Services	57,915	57,915	6,348	4,105	(2,242)	PDG (\$2M), Infrastructure Planning Group - (\$580K), Information Management (\$90K), Environment Mgmt Group \$161K unfavourable - timing	
Capitalised Employee Costs	4,744	4,744	388	365	(23)	PDG (\$23K)	
Loan Redemption	2,407	2,407	175	182	7		
<b>Total Applications of Capital Funds</b>	<b>65,066</b>	<b>65,066</b>	<b>6,910</b>	<b>4,652</b>	<b>(2,258)</b>		
<b>Other Budgeted Items</b>							
WDV of Assets Disposed	(1,570)	(1,570)	(0)	0	0		
Tax and Dividends	0	0	0	0	0		
Internal Capital Structure Financing	0	0	0	0	0		



## Redland City Council

STATEMENT OF CASH FLOWS				
	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Actual \$000s	Comments on Variances
<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>				
Receipts from Customers	147,660	147,660	3,743	
Payments to Suppliers & Employees	(142,739)	(142,739)	(9,423)	
Interest Received	3,678	3,678	364	
Borrowing Costs	(3,647)	(3,647)	(753)	
<b>Net Cash Inflow from Operating Activities</b>	<b>4,952</b>	<b>4,952</b>	<b>(6,070)</b>	
<b>CASH FLOWS FROM INVESTING ACTIVITIES</b>				
Payments - Property, Plant & Equipment	(62,659)	(62,659)	(4,470)	
Proceeds - Capital Subsidies, Grants & Contributions	15,007	15,007	154	
Proceeds - Sales of Property, Plant & Equipment	2,098	2,098	46	
<b>Net Cash Inflow from Investing Activities</b>	<b>(45,555)</b>	<b>(45,555)</b>	<b>(4,270)</b>	
<b>CASH FLOWS FROM FINANCING ACTIVITIES</b>				
Proceeds of Borrowings	19,799	19,799	0	
Repayment of borrowings	(2,407)	(2,407)	(533)	
<b>Net Cash Inflow from Financing Activities</b>	<b>17,391</b>	<b>17,391</b>	<b>(533)</b>	
<b>Net Increase / (Decrease) in Cash Held</b>	<b>(23,212)</b>	<b>(23,212)</b>	<b>(10,873)</b>	
Cash at Beginning of Year	68,212	84,602	84,602	
<b>Cash at End of Financial Year</b>	<b>45,000</b>	<b>61,391</b>	<b>73,729</b>	

Commentary on Cash Flow Variances will be available in August when the phasing of budget is complete.



## Redland City Council

### STATEMENT OF FINANCIAL POSITION For the Period Ending 31 July 2010

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Actual Balance \$000s	
<b>CURRENT ASSETS</b>				<b>Comments on Variances</b>
Cash & Investments	45,000	45,000	73,729	
Accounts Receivable	13,750	13,750	36,504	
Inventories	540	540	548	
Prepaid Expenses	1,947	1,947	2,267	
Assets - Held for Sale	132	132	95	
<b>Total Current Assets</b>	<b>61,369</b>	<b>61,369</b>	<b>113,143</b>	
<b>NON CURRENT ASSETS</b>				
Property, Plant and Equipment	1,373,131	1,373,131	2,081,356	
Investment in Allconnex	421,245	421,245	0	
<b>Total Non Current Assets</b>	<b>1,794,376</b>	<b>1,794,376</b>	<b>2,081,356</b>	
<b>TOTAL ASSETS</b>	<b>1,855,745</b>	<b>1,855,745</b>	<b>2,194,499</b>	
<b>CURRENT LIABILITIES</b>				
Accounts Payable	18,409	18,409	17,149	
Current Employee Provisions	5,344	5,344	4,953	
Current Loans	1,564	1,564	1,558	
Current Landfill Rehabilitation Provisions	3,315	3,315	3,315	
Other Liabilities	2,923	2,923	7,481	
<b>Total Current Liabilities</b>	<b>31,555</b>	<b>31,555</b>	<b>34,456</b>	
<b>NON CURRENT LIABILITIES</b>				
Non Current Loans	58,995	58,995	41,420	
Non Current Employee Provisions	7,823	7,823	9,708	
Non Current Landfill Rehabilitation Provisions	22,800	22,800	22,800	
<b>Total Non Current Liabilities</b>	<b>89,618</b>	<b>89,618</b>	<b>73,927</b>	
<b>TOTAL LIABILITIES</b>	<b>121,173</b>	<b>121,173</b>	<b>108,383</b>	
<b>NET ASSETS</b>	<b>1,734,572</b>	<b>1,734,572</b>	<b>2,086,116</b>	
<b>COMMUNITY EQUITY</b>				
Retained Earnings Account	1,704,631	1,704,631	2,051,851	
Cash Reserves	29,939	29,939	34,265	
<b>TOTAL COMMUNITY EQUITY</b>	<b>1,734,570</b>	<b>1,734,570</b>	<b>2,086,116</b>	

Balance sheet at 30/6/10 is still being finalised as part of end of the financial year process. Hence no commentary is available on variances between 31/7/10 actual and budget.



## % Returns and Value of Investments

For the Month Ended 31st July 2010

	<i>Nominal Interest Rate Return for Month Exclusive of Fees</i>	<i>Nominal Interest Rate Return for Month Inclusive of Fees</i>	<i>Effective Interest Rate for Month Inclusive of Fees</i>	<i>UBS Aust Bank Bill Index for Month</i>	<i>Balance of Investments End of Month</i>	<i>Range of Daily Investment Balances during Month</i>
<b>May 2010</b>	4.69%	4.79%	4.90%	4.51%	\$93.649m	\$81.50-\$93.65m
<b>June 2010</b>	5.06%	5.16%	5.28%	4.91%	\$84.009m	\$94.65 - \$84.009m
<b>July 2010</b>	5.23%	5.31%	5.44%	5.08%	\$69.42m	\$84.009 - \$69.42m
			<b><i>QTC Cash Fund Return Rate</i></b>	<b><i>UBS Bank Bill Index (Benchmark)</i></b>		
<b><i>2010/2011 Financial Year to Date</i></b>			<b>5.45%</b>	<b>5.08%</b>		
<b><i>Reserve Bank of Australia (RBA) - Cash Rate</i></b>				<b>4.50%</b>	<b>No movement since 5/05/10</b>	

Investment of Surplus Funds by Local Government can only be made with Treasury approved Financial Institutions or Cash Funds in accordance with the Statutory Bodies Financial Arrangements Act 1982.

Redland City Council has its own policy on the Investment of Surplus Funds POL-3013. This policy has deemed that no more than 30% of Council's investments will be held with one financial institution, or one fund manager for investments outside of the QTC, QIC Cash Funds or Bond Mutual Funds. When placing investments consideration will also be given to the relationship between the credit rating and the interest rate. The amount invested with financial institutions (banks, credit unions and building societies) or managed funds must meet the nominated minimum credit rating of A for Long Term investments and A1 for Short Term investments.

Redland City Council presently invests in the QTC Capital Guaranteed Cash Fund which is a Fund operated by the Queensland Treasury Corporation (QTC), on behalf of Government and Statutory Bodies. The QTC Fund, invest or hold the majority of securities, with maturities ranging from 11.00am call to 90 days. This means that the fund has an extremely strong capacity to redeem investments at face value and to distribute income on a variable basis reflecting the earnings of the Funds Assets on the daily cash needs of Council.

Redland City Council also benchmarks all invested funds against the UBS Australia Bank Bill Index which is widely considered to be the industry benchmark for short term cash funds. Interest is also reported on both an annual Effective and Nominal Rate of Return.

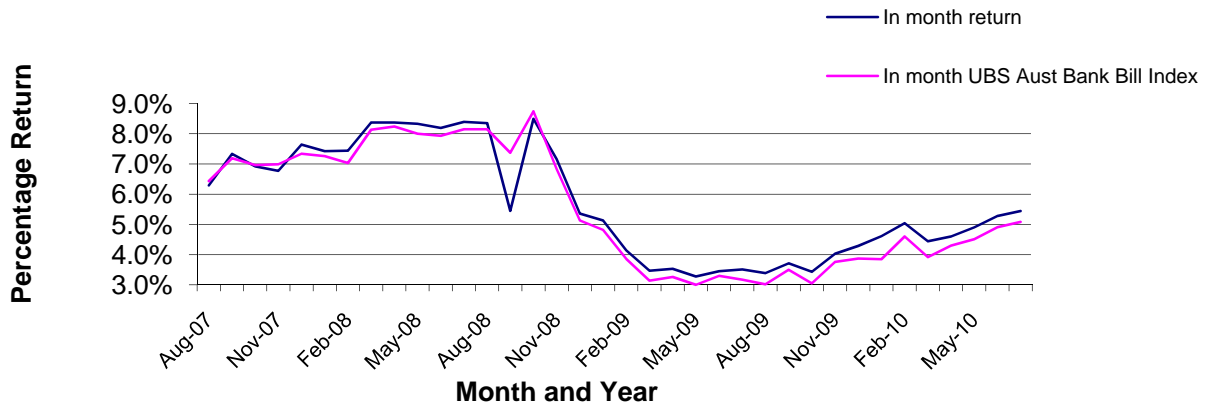
**Worth noting that during the month of July 2010, QTC's Cash Fund outperformed the UBS Bank Bill Index (Benchmark) by 0.37%.**

An additional Trust Fund investment is held with the QTC Cash Fund to the value of \$9.27m as at the 31st July 2010 which earns equivalent returns to that of the Consolidated Account as detailed above.

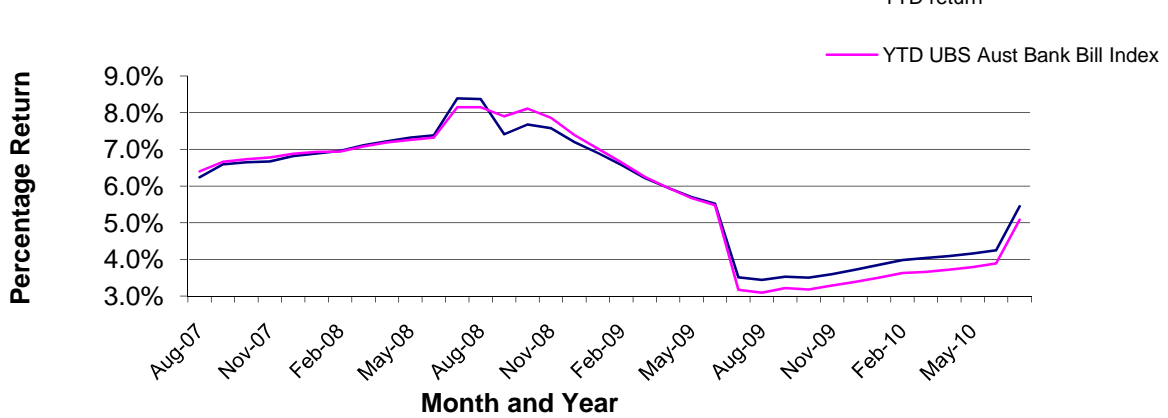
The QTC Borrowing rate as at 31st July 2010 was as follows: 15 Years 5.9830% & 20 years 6.1030%.

The Reserve Bank of Australia (RBA) Cash Rate at the 31st July was 4.50% and remains unchanged since 5/5/2010.

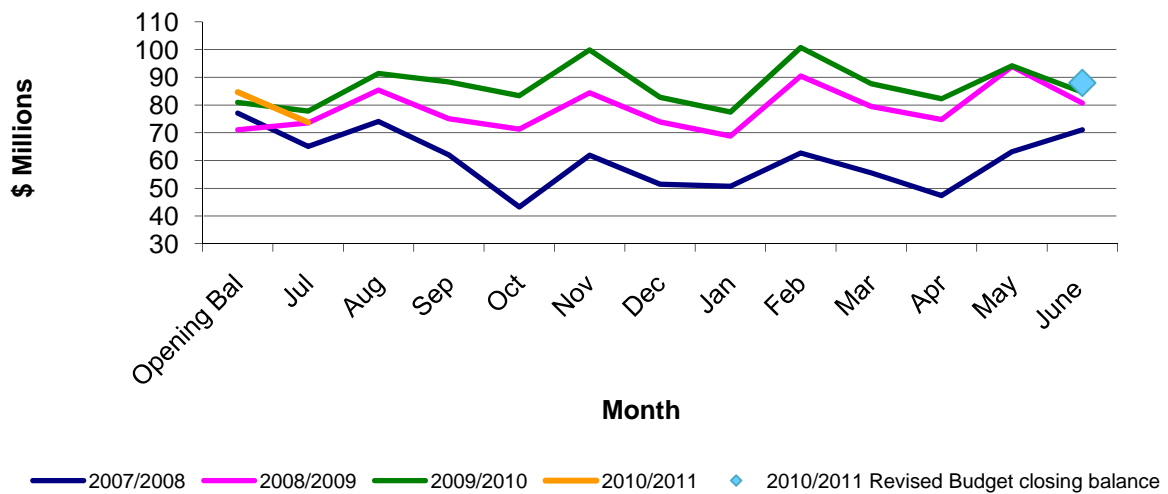
### Three year trend for in-month investment return against UBS Aust Bank Bill Index



### Three year trend for YTD investment return against UBS Aust Bank Bill Index



### Comparison of Monthly Cash Balances



## Redland City Council

**OPERATING STATEMENT**  
**For the Period Ending 31 July 2010**

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Department	Variance	Comments on Variances	Timing (T) Permanent (P)
<b>Revenue</b>									
Rates Charges	68,906	68,906	17,105	16,788	(316)	Corp Serv	(316)	<b>Financial Services Group</b> - Credits Held (\$339K) - only 2% variance timing.	T
Other Rates & Utility Charges	29,121	29,121	4,204	4,280	76	Cust Serv	(33)	<b>O&amp;M (\$33K)</b> - Waste Operations - Refuse collection charges from Proclaim variance due to timing of the monthly splits	T
						Red Water	(83)		
						Plan & Pol	167	<b>Environmental Management Group</b> - \$741K favourable variance due to timing of budget in period 1 & the actual for Landfill Remediation Charge needing to be moved to Infrastructure Planning Group, amend period 2. Timing.	T
								<b>Infrastructure Planning Group</b> - (\$574) unfavourable variance due to budget for Landfill Remediation Charge being transferred from Environmental Management Group, without actuals - amend period 2. Timing.	
						Corp Serv	25	Financial Services Group - Rural Fire levy - timing.	T
Less: Pensioner Remissions	(2,492)	(2,492)	(544)	(617)	(74)	Corp Serv	(74)	<b>Financial Services Group</b> - Pensioner Remissions over budget 14% - timing.	T
Fees & Charges	16,647	16,647	1,227	1,066	(161)	Cust Serv	(20)	<b>CCS (\$43K)</b> - SAC (\$40K) due to 3 days fees from EOM close off & CCB late payment and parent liability. RPAC \$5K extra due unexpected sold out performances. SHP (\$10K) mainly in 4WD licence fees. Cemeteries \$2K due to more burials than expected. <b>O&amp;M \$11K.</b>	
						Red Water	(2)		
						Corp Serv	(7)	<b>Financial Services Group</b> - Rate searches and Change of Ownership under budget by 18% Timing.	T
						Dev & Com	(131)	Department: Revenue (\$131K) below prediction. Community Standards: Revenue \$57K below prediction due to less income from Advertising signage / registrations and licence fees. Licence fees are down due to late invoicing at end of June. Sustainable Assessment: Revenue \$60K below prediction due to less than expected development applications and search requests. Building and Plumbing: Revenue \$13K below predicted, applications are expected to increase again in August.	
Operating Grants & Subsidies	8,140	8,140	284	57	(227)	Gov	(1)		
						Cust Serv	(269)	<b>CCS (\$252K)</b> - HAS (\$247K) due to grant not received due to timing. SAC (\$5K) due to timing of payment for inclusion support. <b>O&amp;M (\$16K)</b> - Waste Operations - Fees & Charges revenue above expectations	T
						Corp Serv	44	<b>Financial Services Group</b> - Direct Banking operational grants - timing.	T
						Dev & Com	(1)		
Operating Contributions and Donations	215	215	0	0	(0)				
Interest External	3,678	3,678	299	364	64	Cust Serv	(4)	<b>O&amp;M (\$4K)</b>	
						Red Water	4		
						Plan & Pol	(3)	N/A	
						Corp Serv	68	<b>Financial Services Group</b> - return on term investments higher than expected, higher cash balance - timing.	T
Allconnex Water Investment Returns	19,020	19,020	0	0	0				

Schedule F

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Department	Variance	Comments on Variances	Timing (T) Permanent (P)
Other Revenue	8,103	8,103	355	825	469	Gov	66	Litigation payments \$65K - barro Group From Norton Rose Permanent Q1 budget review.	P
						Cust Serv	21	CCS (\$3K) - HAS (\$3K) due to timing - transition payment from clients to be received in period 2. O&M \$23K	T
						Red Water	10		
						Plan & Pol	9	N/A	
						Corp Serv	361	CAFF - Commercial rent over budget \$30K; Financial Services - Allconnex Water SLA Revenue \$316K	
						Dev & Com	2	Department: Revenue exceeded prediction by \$2K due to additional income received. Building and Plumbing: Exceeded expected revenue by \$2K.	
<b>Total Revenue</b>	<b>151,337</b>	<b>151,337</b>	<b>22,932</b>	<b>22,763</b>	<b>(169)</b>				
<b>Expenses</b>									
Employee Costs	66,641	66,641	5,381	5,434	53	Gov	(3)	Less than 1% variance - timing	T
						Cust Serv	67	\$95K - no vacancies to be taken up. CCS \$13K - SAC \$23K overspent mainly in accrued salaries and accrue annual leave oncost. Customer Service (\$11K) underspent due to vacant positions. Libraries (\$10K) underspent due to extended sickleave without pay and higher duties at a lower level of pay than the incumbent. RPAC \$11K overspent mainly in overtime and accrued salaries. O&M (\$51K) - Parks & Conservation - New Positions are yet to be filled (Tree Assessment Officer, 2 Asset Services Staff and 2 Mowing positions (Bay Islands) /Waste Operations - Vacancies of Closed Landfill Operations Coordinator, Project Officer and System Support Officer. PDG \$10K over budget in internal construction	
						Red Water	43		
						Plan & Pol	(7)	N/A	
						Corp Serv	54	Information Management \$23K temp staff. Water Distribution Project \$33K temp staff. Timing.	T
						Dev & Com	(102)	Department: Underspend of (\$102K) due to vacant positions pending finalisation of restructures in two groups. D&CS GM: Overspend of \$46K due to vacancy reduction of \$54K for the month. Community Standards: Underspend of \$83K primarily due to staff vacancies within the group. This is partially offset by an overspend in temporary employee costs. Sustainable Assessment: Underspend of \$50K due to vacant Engineering and support roles. Some of this is being offset by additional costs for temporary staff. Building and Plumbing: Underspend of \$14K due to vacancies remaining unfilled for the restructure. All positions expected to be filled by end of Quarter 1. Business and Performance: Underspend of \$21K as a result of current staff vacancies which are being recruited. \$20K due to budget journal error to be altered period 7.	
Goods & Services	75,146	75,146	3,944	3,063	(881)	Gov	(207)	Legal expenses \$164K under budget - Publications and Subscriptions \$22K; Contractors and Consultants \$15K - all timing.	T
						Cust Serv	(104)	GM (\$20) - (\$4K) Admin, (\$2K) Commercialised Unit not started, (\$3K) SES, (\$11.5K) Emergency Management. CCS (\$16K) - HAS (\$9K) mainly in contractors due to delay in receiving invoices. SAC (\$11K) in client meals and educational supplies due to timing. RPAC \$4K overspent in WB3 utility charges exceeding annual budget. Will need to request additional budget during QBR1. O&M \$9K. PDG (\$76K) under budget - (\$49K) Road Construction & (\$27K) Rd Pavement Linemarking.	
						Red Water	(44)		

Schedule F

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Department	Variance	Comments on Variances	Timing (T) Permanent (P)
Goods & Services (cont'd)						Plan & Pol	(319)	<b>Environmental Management Group</b> - \$214K favourable variance due to \$20K APEX Park BMX Track, \$40K Wildlife Care Services, \$48K Natural Area Mngt Admin, \$17K Contribution for Joint Research Program, \$10K Pest Mngt Plan Review, \$14K Cities for Climate Protection, \$8K Valuing Trees Campaign, \$8K Healthy Waterways Partnership, \$12K Ambient Water Quality Monitoring, \$13K Koala - Research & \$13K Biodiversity Strategy. Timing. <b>Infrastructure Planning Group</b> - \$110K favourable budget due to \$70K Landfill Site Investigation, \$9K Catchment Mngt Plans, \$9K Raby Bay Monitoring of Revetment Walls & \$24K Landfill Remediation Minor Works. Timing.	T
						Corp Serv	(155)	<b>People &amp; Change (\$26K)</b> - Recruitment & selection \$6K; RCC Wellness Programme (\$16K); Statutory WHS Obligations (\$17K). <b>Financial Services (\$20K)</b> - Debtor Management \$3K; Corp Asset Mgt (\$2K) Cash Mgt (\$12K). <b>Water Project (\$10K)</b> . <b>Information Mgt (\$36K)</b> - Network & Voice Serv (\$25K); Document Services (\$16K); Corporate Systems (\$16K); Desktop services \$18K. <b>CAFF Group (\$63K)</b> - Public facilities Mainland (\$36K); Public facilities SMI (\$24K). All Timing.	T
						Dev & Com	(52)	Department: Underspend of <b>(\$52K)</b> for the month. Community Standards: Underspend of \$27K in debt collection costs, contractors and chemical supplies. Contractor and chemical supplies expenditure predicted now in period 2. Sustainable Assessment: Underspend of \$14K due to contractors and fuel expenditure now predicted for period 2. Building and Plumbing: Underspend of \$4K due to Insurance premium expenditure not being received in July. Anticipate expenditure in August 2010.	
Finance Costs Other	340	340	(4)	0		5 Cust Serv	(1)	<b>CCS (\$1K)</b> - SAC (\$1K) due to timing of merchant fees for EFTPOS.	T
						Corp Serv	6	<b>Financial Services Group</b> - bank charges - Timing.	T
Other Expenditure	332	332	22	6	(17)	Gov	(5)	External Audit Fees \$2K; Discretionary Training and Conferences \$3K - all timing.	T
						Cust Serv	(11)	<b>CCS (\$11K)</b> - RPAC (\$7K) for incorrect accrual back to 09/10 and will be reversed during period 2. Prepayment of (\$2K) to be journalled back to ent event expense. \$2K other minor.	
Net Internal Costs	(766)	(766)	76	140		64 Cust Serv	352	<b>GM \$2K</b> - Emergency Management. <b>CCS \$246K</b> - \$212.5K of CSO actuals were not processed in July. SHP \$17K Mainly in internal Rates and Charges, Fleet Management and Litter bin charges. Cleveland Aquatic Centre & Showgrounds \$10K over due to internal rates and charges. \$6.5K other minor. <b>O&amp;M \$105K</b> mainly due to timing of CSO's.	
						Red Water	4		
						Plan & Pol	42	<b>Economic Development</b> - \$42K unfavourable amend CSO journal in period 2. Timing.	T
						Corp Serv	(357)	Community Service Obligations - no actual journal processed for Type 2 and Type 3 Business units - Timing.	T
						Dev & Com	23	Department: Overspend of \$23K due to Internal transfer recovery and Community Service Obligations Recovery not processing through before the end of the month.	
<b>Total Expenses</b>	<b>141,694</b>	<b>141,694</b>	<b>9,419</b>	<b>8,642</b>	<b>(776)</b>				
<b>Earnings before Interest, Tax and Depreciation (EBITD)</b>	<b>9,644</b>	<b>9,644</b>	<b>13,513</b>	<b>14,121</b>	<b>607</b>				



Schedule F

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Department	Variance	Comments on Variances	Timing (T) Permanent (P)
Interest Expense	3,647	3,647	236	252	16	Cust Serv	5	O&M \$5K	
						Corp Serv	11	Immaterial 5% variance - Timing	T
Depreciation	30,072	30,072	2,326	2,506	180	Cust Serv	(10)	CCS (\$10K) - Cleveland Aquatic Centre (\$3K) & showgrounds (\$7K)	
						Plan & Pol	124	Incorrect budget split for Other Infrastructure, amend period 2. Timing.	T
						Corp Serv	65	Plant & Equipment Dep'n - Dep'n expense journal processed on budget basis for month, will investigate as to why Actuals are greater than Budget - timing.	T
<b>Operating Surplus/(Deficit)</b>	<b>(24,075)</b>	<b>(24,075)</b>	<b>10,952</b>	<b>11,363</b>	<b>411</b>				
Transfers from Unconstrained Reserves	4,000	4,000	4,000						
<b>Adjusted Operating Surplus/(Deficit)</b>	<b>(20,075)</b>	<b>(20,075)</b>	<b>14,952</b>	<b>11,363</b>	<b>411</b>				
Transfers to Constrained Operating Reserves	(15,540)	(15,540)	(3,066)	0	3,066	Plan & Pol	2,868	Variance due to Reserve journal not being processed in period 1, amend period 2. Timing.	T
						Corp Serv	198	Timing.	T
Transfer from Constrained Operating Reserves	10,449	10,449	534	0	(534)	Gov	(54)	Redland Work Cover no journal processed for July 10. Will be corrected in August.	
						Cust Serv	(159)	GM (\$2) - (\$2K) SES timing of transfer. O&M (\$157K) Environmental Management - \$88K favourable variance due to under expenditure on \$10K Pest Mngt Review, \$40K Wildlife Care Services, \$16K Biodiversity Strategy & \$14K Koala Research. Timing.	
						Plan & Pol	(316)	Infrastructure Planning - \$228K favourable variance due to \$10K Monitoring Raby Bay Revetment Walls, \$72K Eastern Landfill Batter Remed, \$8K Landfill Coordinator, \$24K Landfill - Minor works, \$70K Landfill Investigation Program & John Fredericks. Timing.	T
	10,449	10,449	534	0		Dev & Com	(6)	Community Standards: Underspend of \$6K awaiting invoices for the Feral Animal Trapping project.	

Schedule F

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Department	Variance	Comments on Variances	Timing (T) Permanent (P)
<b>Sources of Capital Funding</b>									
Capital Contributions & Donations	7,422	7,422	673	50	(622)	Cust Serv	(265)	PDG (\$265K) Bond to be received following finalisation of RPAC	
						Red Water	3		
						Plan & Pol	(359)	Infrastructure Planning Group - \$360K unfavourable variance due less than expected Developer Contributions. Timing.	T
Capital Grants & Subsidies	7,585	7,585	98	104		6 Plan & Pol	6	N/A	
Proceeds on Disposal of Non Current Assets	2,098	2,098	0	46		46 Corp Serv	46	Fleet Services - difference between reverse of accrual taken up in 09/10 and actual proceeds from Pickles Auction P/L - Timing.	T
Capital Transfers (To) From Reserves	5,907	5,907	3,291	0	(3,291)	Plan & Pol	(3,291)	Variance due to Reserve journal not being processed in period 1, amend period 2. Timing.	T
Non Cash Contributions	0	0	0	0	0				
New Loans	19,799	19,799	0	0	0				
Funding from General Revenue	22,257	22,257	2,849	4,452	1,603	Cust Serv	(1,784)		
						Red Water	50		
						Plan & Pol	3,230	Variance due to Reserve journal not being processed in period 1, amend period 2. Timing.	T
						Corp Serv	98	Balancing Item.	
						Dev & Com	9	Community Standards: Overspend of \$9K due to completion of work at the animal shelter - accommodate the Local laws team. To be addressed in Q1.	
<b>Total Sources of Capital Funding</b>	<b>65,066</b>	<b>65,066</b>	<b>6,910</b>	<b>4,652</b>	<b>(2,258)</b>				
<b>Applications of Capital Funds</b>									
Contributed Assets	0	0	0	0	0				
Capitalised Goods & Services	57,915	57,915	6,348	4,105	(2,242)	Cust Serv	(2,031)	GM (\$15) - (\$12.5K) Department Capital underspend, (\$2.5K) Goods & Services underspent. CCS \$24K - Grants unit \$20K over due to carry over submissions not finalised for IT Database. Libraries \$4K overspent in furniture purchases due to carry over submissions not finalised. O&M \$8K. PDG (\$2M) under budget - (\$2.6M) PDG Underrecovery, (\$89K) Serpentine Cr, (\$113K) Piernont Pl, (\$182K) Rd Construction, (\$89K) Pt Lookout Traffic Mgt, (\$50K) Jock Kennedy Park & (\$15K) Junner St, (\$27K) Queens Esp and over budget, \$52K Cleveland Lighthouse, \$138K Wellington Pt Reserve Stg 2, \$81K Capalaba Regional Stg 3, \$450K Rickertt/Quarry Rd and \$354K other minor variances.	
						Red Water	52		
						Plan & Pol	(415)	Infrastructure Planning Group - \$580K favourable variance due to \$450K Bus Stop & Lay Bys & \$63K Intrepid Dve/Ondine Cr Stg 1, \$32K Vict Point North Ramp & \$30K Stormwater Trunk Infrastructure. Timing. Environmental Management Group - \$161K unfavourable variance due to budget journal error, amend period 2. Timing.	T
						Corp Serv	141	Information Management (\$90K) - Peripheral & Comms Replacement Programme. Fleet Services \$229K - delivery of ISUKU Medium trucks budget carryover from 09/10. All timing.	T
						Dev & Com	9	Community Standards: Overspend of \$9K due to completion of work at the animal shelter - accommodate the Local laws team. To be addressed in Q1.	
Capitalised Employee Costs	4,744	4,744	388	365	(23)	Cust Serv	(23)	PDG (\$23K) under budget - (\$142K) internal construction, \$15K Stg 3 Melaleuca Dr, \$9K Wellington Bainbridge, \$38K Well Pt Reserve Stg 2, \$24K Vic Pt Reserve Stg1, \$16K Vista/Short Sts & \$17K Yorston Pl.	

Schedule F

	Annual Original Budget \$000s	Annual Revised Budget \$000s	YTD Revised Budget \$000s	YTD Actual \$000s	YTD Variance \$000s	Department	Variance	Comments on Variances	Timing (T) Permanent (P)
Loan Redemption	2,407	2,407	175	182	7	Red Water	1		
						Cust Serv	4	O&M \$4K	
						Corp Serv	3	Timing.	T
<b>Total Applications of Capital Funds</b>	<b>65,066</b>	<b>65,066</b>	<b>6,910</b>	<b>4,652</b>	<b>(2,258)</b>				
<b>Other Budgeted Items</b>									
WDV of Assets Disposed	(1,570)	(1,570)	(0)	0	0				
Tax and Dividends	0	0	0	0	0				
						Cust Serv	79	O&M \$80K - Waste Operations - Rephase of Budget to reduce variance.	
						Corp Serv	(79)	Tax & Dividends - no actual journal processed for Type 2 and Type 3 Business units - Timing.	T
Internal Capital Structure Financing	0	0	0	0	0	Cust Serv	1		
						Corp Serv	(1)	Timing.	T

## 16.2 CLOSED SESSION

### MOTION TO CLOSE MEETING

Moved by: Cr Townsend

Seconded by: Cr Elliott

That the meeting be closed to the public under section 72 (1) of the *Local Government (Operations) Regulation 2010* to discuss the following items:

- 16.2.1 Request for Contract to be Awarded under Delegated Authority by CEO – Supply of Retail Electricity to Small Sites in Redland City

*The reason that is applicable in this instance is as follows:*

*“(e) contracts proposed to be made by it.” (Council)*

- 16.2.2 Transfer Schedules

17.1.1 On-Site Sewerage Monitoring Program

17.2.1 Corporate Services Departmental Structure

*The reason that is applicable in these instances is as follows:*

*“(h) other business for which a public discussion would be likely to prejudice the interests of the local government or someone else, or enable a person to gain a financial advantage.”*

CARRIED

### MOTION TO REOPEN MEETING

Moved by: Cr Elliott

Seconded by: Cr Bowler

That the meeting be again opened to the public.

CARRIED

### 16.2.1 REQUEST FOR CONTRACT TO BE AWARDED UNDER DELEGATED AUTHORITY BY CEO – SUPPLY OF RETAIL ELECTRICITY TO SMALL SITES IN REDLAND CITY

**Datworks Filename: FM Tendering - Supply Services**

**Responsible Officer Name: Brian Lewis  
Manager Corporate Acquisitions, Fleet and  
Facilities**

**Author Name: Gail Widrose  
Contracts Manager**

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### EXECUTIVE SUMMARY

Confidential report from Manager Corporate Acquisitions, Fleet and Facilities was discussed in closed session.

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**OFFICER'S RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Ogilvie

**That Council resolve to delegate authority to the Chief Executive Officer to:**

- 1. Accept the tender and enter into a contract with TRUenergy for contract number T-1328-10/11-RCC from for the supply of retail electricity to small sites (consuming less than 100 megawatt hours per annum) for the period or 3 years from 23 August 2010 to 23 August 2013 for all sites;**
- 2. To make, vary and discharge the contract; and**
- 3. To sign all relevant documentation.**

**CARRIED**

**16.2.2 TRANSFER SCHEDULES**

**Dataworks Filename:** GOV WRAD - WB3 Administration Resources  
**Responsible Officer Name:** Martin Drydale  
General Manager Corporate Services  
**Author Name:** Tony King  
Project Coordinator Water Reform

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**EXECUTIVE SUMMARY**

Confidential report from General Manager Corporate Services was discussed in closed session.

**OFFICER'S RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Ogilvie

**That Council resolve as follows:**

1. That the report be deemed confidential documents and be treated as such in accordance with sections 171, 199 and 200 of the *Local Government Act 2009* and that the documents remain confidential; and
2. That Council authorise the Chief Executive Officer to take all actions necessary to execute the second transfer scheme and the accompanying certification statement when received.

**CARRIED**

## 17 ITEMS FROM COMMITTEE

### 17.1 DEVELOPMENT & COMMUNITY STANDARDS

#### 17.1.1 ON-SITE SEWERAGE MONITORING PROGRAM

**Datworks Filename:** GOV Committee Reports – Development & Community Standards

**Responsible Officer Name:** Toni Averay  
General Manager Development & Community Standards

**Author Name:** Brian May  
Group Manager Building and Plumbing Services

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#### EXECUTIVE SUMMARY

A confidential report from Group Manager, Building & Plumbing Services dated 12 August 2010 was discussed in closed session.

#### COMMITTEE RECOMMENDATION

That this item be deferred to the General Meeting scheduled for 25 August 2010.

#### COUNCIL RESOLUTION

Moved by: Cr Townsend  
Seconded by: Cr Ogilvie

That Council resolve as follows:

1. That Council resolve that an approach be made to the State Government and Allconnex to collaborate on a project to sample and analyse waterways on SMBI and in the surrounding waterways, as well as catchments to the Lesley Harrison dam, with a view to being able to determine and specify the extent of any environmental and health risk associated with outflow from septic systems before a response strategy is finalised;
2. That Council commission, at an estimated cost of \$20,000, a pilot water quality testing program, including nutrient identification, at some hot spots identified in the SMBI Sewerage Study of 1996 for creeks and waterways on SMBI, as well as at a number of mainland hotspots with particular focus on catchments feeding to the Lesley Harrison dam, subject to budget funding; and
3. That the funding for the proposed water testing program be referred to the next quarterly budget review.

**CARRIED**

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**17.2 CORPORATE SERVICES****17.2.1 CORPORATE SERVICES DEPARTMENTAL STRUCTURE**

**Dataworks Filename:** GOV Organisational Structure  
**Responsible Officer Name:** Martin Drydale  
General Manager Corporate Services  
**Author Name:** Martin Drydale  
General Manager Corporate Services

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**EXECUTIVE SUMMARY**

A confidential report from General Manager Corporate Services dated 29 July 2010 was discussed in closed session.

**COMMITTEE RECOMMENDATION/  
COUNCIL RESOLUTION**

Moved by: Cr Elliott  
Seconded by: Cr Reimers

**That Council resolve as follows:**

- 1. To adopt the proposed structure for the Corporate Services Department;**
- 2. To note the proposed implementation planning arrangements;**
- 3. To note the proposed financial implications; and**
- 4. That the report and attachments remain confidential until implementation of the new Department structure and finalisation of any related staff matters.**

**CARRIED**



**18 MEETING CLOSURE**

There being no further business, the Mayor declared the meeting closed at 5.31pm.

Signature of Chairperson: \_\_\_\_\_

Confirmation date: \_\_\_\_\_