



## **Banana Shire Council ORDINARY MEETING MINUTES**

***Meeting Date: Tuesday, 25 June 2019***

***Venue: Banana Shire Council Chambers  
62 Valentine Plains Road, Biloela***

***Time: 9.00 am***

### **1.0 Opening of Meeting**

"Council recognises that this meeting is held on the Land of the Gaangalu Nation and that the Banana Shire also includes land of the Iman People, Wulli Wulli People, Wadja People, Wakka Wakka People and Darumbal People."

### **2.0 Attendance including Apologies & Leave of Absence**

### **3.0 National Anthem & Prayer**

### **4.0 Confirmation of Minutes**

4.0.1 Ordinary Meeting held 22 May 2019

4.0.2 Special Meeting held 18 June 2019

### **5.0 Mayor's Report / Minute**

### **6.0 Business Outstanding**

6.0.1 Business Arising from Previous Meetings & Matters Lying on the Table

### **7.0 Declaration of Interest on Matters on the Agenda**

### **7.5 Reception of Deputations by Appointment**

### **8.0 Corporate & Community Services**

8.1 2019/20 Budget

8.1.1.1 2019/20 Revenue Statement

8.1.1.2 Debt Policy 2019/20

8.1.1.3 Investment Policy 2019/20

8.1.1.4 Procurement Policy 2019/20

8.1.2 2018/2019 Statement of Estimated Financial Position

8.1.3 Differential General Rates

8.1.4.1 Special Charges – Taroom Rural Water Connection

8.1.4.2 Special Charges – Rural Fire Brigade Levies

8.1.5 Separate Charge – Environmental Levy

8.1.6 Waste Collection (Mobile Garbage Bin) Utility Charges

8.1.7 Sewerage Utility Charges



- 8.1.8.1 Water Utility Charges excluding Cracow
- 8.1.8.2 Water Utility Charges – Cracow
- 8.1.8.3 Water Utility Charges – Baralaba and Taroom Raw Water Schemes
- 8.1.9 Interest on Overdue Rates and Charges
- 8.1.10 Discount for Prompt Payment of Rates and Charges
- 8.1.11.1 Rate Concessions – Water & Sewerage Vacant Land Charges on Subdivided Land
- 8.1.11.2 Rate Concessions – Non-profit Community Recreational & Sporting Groups
- 8.1.11.3 Rate Concessions – Retirement Homes/Units
- 8.1.11.4 2019/20 Pensioner Rate Concession
- 8.1.12 Rates and Charges – Levy and Payment
- 8.1.13 Code of Competitive Conduct
- 8.1.14 2019/20 Budget Adoption

## 8.2 Corporate Services

- 8.2.1 Financial Report P/E 31 May 2019
- 8.2.2 Resolutions Actions Report
- 8.2.3 Major Capital Projects – Monthly Actual Expenditure as at 12/06/19
- 8.2.4 Sale of Industrial Land in Taroom
- 8.2.5 Sale of 3 Don Street, Wowan
- 8.2.6 Asset Service Management Plans

## 9.0 Infrastructure Services

- 9.1 Infrastructure Services
- 9.1.1 Infrastructure Monthly Report
- 9.1.2 Resolutions Actions Report
- 9.1.3 Major Capital Projects – Monthly Actual Expenditure as at 12/06/19

## 10.0 Council Services

- 10.1 Council Services
- 10.1.1 Resolutions Actions Report
- 10.1.2 Major Capital Projects – Monthly Actual Expenditure as at 12/06/19
- 10.2 Development & Environmental Services
- 10.2.1 Office of the Coordinator-General – Proposed Baralaba North Mine and Cook Colliery (1482498)

## 11.0 Executive Services

- 11.1 Executive Services
- 11.1.1 Resolutions Actions Report
- 11.1.2 W4Q Capital Projects – Monthly Actual Expenditure as at 12/06/19
- 11.1.3 Drug and Alcohol Policy and Procedure
- 11.1.4 Recruitment of Chief Executive Officer

## 12.0 Close of Meeting

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## 1.0 Opening of Meeting

The meeting commenced at 9.00 am.

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## 2.0 Attendance including Apologies & Leave of Absence

Councillors – Mayor Nev Ferrier and Crs Snell, Middleton, Brennan, Semple, Leo and Boyce.

Officers – Chief Executive Officer (CEO), Director Corporate & Community Services, Director Infrastructure Services, Finance Manager.

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## 3.0 National Anthem & Prayer

Following the National Anthem, Barbara Blackwood from the Anglican Church led Council in Prayer.

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## 4.0 Confirmation of Minutes

Minute No: OM004373

### Resolution:

**A. That the minutes of the Ordinary Meeting held on 22 May 2019 be taken as read and confirmed.**

**Moved: Cr Leo**

**Seconded: Cr Snell**

**Carried**

**B. That the minutes of the Special Meeting held on 18 June 2019 be taken as read and confirmed.**

**Moved: Cr Middleton**

**Seconded: Cr Boyce**

**Carried**

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## 5.0 Mayor's Report / Minute

The Mayor reported on the information sessions held at the various tips and transfer stations in the past week or two.

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## 6.0 Business Outstanding

It was resolved that there is no business arising from previous meetings or matters lying on the table.

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## 7.0 Declaration of Interest on Matters on the Agenda

It was noted that there are no 'declarations of interest' on matters on the agenda.

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## 7.5 Reception of Deputations by Appointment

Cr Boyce has arranged for some representatives from Taroom to attend the meeting to discuss the siting of the Taroom Transfer Station.

It was noted that a meeting was held in Taroom yesterday (24 June 2019) and no delegation from Taroom is attending the meeting today.

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## 8.0 Corporate & Community Services

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**Minute No:** OM004374

The Mayor verbally reported on and summarised the 2019/20 Budget (refer attached media release).

***That Council accept the 2019/20 budget report.***

***Moved: Cr Middleton***

***Seconded: Cr Brennan***

***Carried***

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## MEDIA RELEASE

**Date: 25 June 2019**

**Contact: Mayor Neville Ferrier P: 4992 9500 or 0448 011 814**

**Cameron McCrohon, Media, Communications & Marketing Officer**

**P: (07) 4992 9500 or 0419 982 822 E: [cameron.mccrohon@banana.qld.gov.au](mailto:cameron.mccrohon@banana.qld.gov.au)**

**For immediate release.**

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### **2019/20 Mayor's Budget Report**

Welcome to the 2019/20 budget for Banana Shire Council. This will be the final budget for this term of Council.

Once again there were many challenges in preparing and setting this budget and it has been prepared based on Council's long term financial forecast, asset management plans, community plans, operational plans and budget workshops.

Council again has endeavoured to keep rates at an affordable level by applying a 1.85% rate increase across the board on general rates and utility charges for the 2019/20 financial year.

Whilst there were no property revaluations for the financial year Council has retained rate capping in several categories in order to smooth the impact of the previous revaluation.

This budget has a significant level of capital works totalling some \$25 million, including some \$12 million for roads, streets and drainage and some \$6.6 million for water and sewerage whilst the road maintenance budget has been increased to \$5.75 million.

Council continues to source external funding for capital projects that are both affordable and identified priority projects for Council.

Round Three of the Work for Queensland Program has been confirmed and Council will receive \$1.67 million in total for the 2019/20 and 2020/21 financial years.

Council has applied to allocate this funding to a number of projects over the next two financial years. The following projects have been approved to date:

- Banana Park Toilet Block
- Thangool Skate Park Slab
- Waste Infrastructure
- Resurface Netball Courts - Magavalis and Baralaba
- Bikeway/Pathway Moura
- Bore at Magavalis
- Taroom Town Hall Air Conditioner Roof Structure

Once again I would take this opportunity on behalf of Council to acknowledge the State Government for its ongoing commitment to and funding of the Works for Queensland Program.



Council made the decision to retire some of its debt in June 2019 and subsequently paid out two of its loans.

It is estimated that Council's loan balance at 30 June 2019 will be \$6.6 million and Council remains on target to be debt free in the 2024/25 financial year.

In my budget report last year I noted that waste management would be an ongoing and potentially costly challenge for Council.

The implementation of the waste levy is now to be effective from the 1 July 2019. Council is in the process of undertaking significant work upgrades at all of its waste sites and has recently completed a round of community consultation in relation to the operating hours of its transfer stations.

It will take some time for Council to implement all of the required reforms in waste management, but we have adopted a reasoned and methodical approach to these reforms in an effort to minimise the cost impact on ratepayers and residents

During the recent federal election Council was successful in securing funding for a number of projects. These included:

- Lake Callide Amenities Block	\$100,000
- Community Resource Centre Building Expansion	\$750,000
- Oxtrack Creek Bridge	\$279,500
- Thangool Drainage Project	\$349,000
- Biloela Heavy Vehicle By-Pass	\$2,100,000
- Gogango Creek Bridge	\$400,000
- Other road projects	\$800,000

Further, the State Government has approved subsidy of \$1.35 million for the Taroom Sewerage Treatment Plan which will be constructed in the 2020/21 financial year at an estimated cost of \$2.25 million.

Planning and design of this new plant will commence during the 2019/20 financial year.

## **MAJOR PROJECTS 2019/20**

### **WASTE SERVICES**

Fencing, security and upgrades at various sites	\$747,000
Taroom Transfer Station	\$516,000
Trap Gully rehabilitation	\$1,400,000

### **COUNCIL HALLS AND BUILDINGS**

Community Resource Centre	Building upgrade	\$750,000
Kianga Hall	Floor upgrade/replacement	\$75,000
Taroom Hall	Air conditioner roof structure	\$80,000

### **SWIMMING POOLS AND SPORTING FACILITIES**

Moura Pool	Amenities block upgrade	\$50,000
Biloela Pool	Dosing system and cleaner	\$60,000
Magavalis	Bore for irrigation	\$75,000
	Resurface netball courts	\$150,000
Baralaba	Resurface netball courts	\$95,000
Thangool	Skate Park slab	\$50,000

### **AIRPORTS**

Taroom	Runway resheeting	\$100,000
Various	Linemarking	\$50,000



TOURISM INFRASTRUCTURE

Lake Callide Retreat	Amenities block	\$100,000
Cracow	Complete RV Park	\$70,000

WATER AND SEWERAGE

Moura	Complete raw water intake and trunk main	\$1,500,000
Thangool	Water - Complete reservoir pump station	\$360,000
Biloela	Water - Clarifier upgrade	\$450,000
Biloela/Moura	Water - Finalise automated meter upgrade	\$100,000
Various	Install SCADA	\$100,000
Moura	Water - Clarifier upgrade	\$100,000
Biloela	Water infrastructure upgrades	\$503,700
Moura	Water infrastructure upgrades	\$292,500
Taroom	Water infrastructure upgrades	\$481,000
Theodore	Water infrastructure upgrades	\$156,000
Biloela	Sewerage pump station Readon Street	\$900,000
Biloela	Sewerage infrastructure upgrades	\$855,000
Moura	Sewerage infrastructure upgrades	\$225,000
Taroom	Sewerage infrastructure upgrades	\$245,000
Theodore	Sewerage infrastructure upgrades	\$100,000

ROADS AND INFRASTRUCTURE

Roads maintenance		\$5,750,000
Reseals	Rural	\$1,340,000
	Urban	\$492,000
Bridge upgrades		\$1,128,000
Rural	Gravel resheeting	\$1,250,000
Rural	Construction	\$3,940,000
Rural	Floodways/culverts	\$452,000
Urban	Drainage	\$1,360,000
Flood Mitigation	Theodore Access Road Water Treatment Plant	\$220,000
Disaster Management	2 way radio upgrade	\$75,000
Heavy vehicle access upgrades		\$890,000
Bikeways		\$234,000

Summary

As with all budgets, there remains the challenge of finding a balance between providing a wide range of diverse services and facilities to many communities throughout the shire whilst delivering these services fairly and equitably.

Council has taken all reasonable steps to bring down a fair and equitable budget whilst trying to keep rate rises to a reasonable and acceptable level.

I commend this budget to you.

Councillor Neville Ferrier  
Mayor, Banana Shire Council

Image supplied: Yes [ ] No [X ]

Image caption: Nil

Image credit: Nil



### 8.1.1.1 REVENUE STATEMENT 2019/2020

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 1831, 84295  
**Letter ID:**  
**Attachment:** 2019/2020 Revenue Statement  
**Minute No:** OM004375

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#### **Resolution:**

*That pursuant to Chapter 5, Part 2, Division 3 of the Local Government Regulation 2012 Council adopts the Revenue Statement 2019/2020 which is attached to and forms part of these minutes.*

***Moved: Cr Brennan***

***Seconded: Cr Semple***

***Carried***

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#### **Report**

The purpose of this revenue statement is:

- to provide an explanatory statement outlining and explaining the revenue raising measures adopted in the budget, and
- to comply in all respects with legislative requirements.

This revenue statement applies for the financial year from 1st July 2019 to 30th June 2020. Council may, by resolution, amend its revenue statement (apart from the general rates decided at the Budget Meeting) at any time before the financial year ends.





# REVENUE STATEMENT 2019-2020

## SCOPE

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The whole of the Banana Shire.

## LEGISLATION

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*Local Government Regulation 2012*  
*Environmental Protection Regulation 2008*  
*Land Valuation Act 2010*

## OBJECTIVE

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The Revenue Statement provides an outline and explanation of the revenue raising measures adopted by Council, including:

- General rates and charges made and levied;
- Rebates and concessions granted;
- Whether there is any resolution limiting increases; and
- The criteria used to decide the amount of cost-recovery fees and business activity fees fixed by Council.

## POLICY

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### ***Differential General Rates***

#### **Rationale**

Ideally, the general rate would be determined by dividing the total income needed from general rates by the rateable valuation of lands. However there is considerable diversity in the Shire in terms of land use, land values, access to and demands for services, facilities and infrastructure.

Recognising this, Council is committed to spreading the general rates burden equitably among broad classes of ratepayers. This does not mean the general rate is levied on a "user pays system". Council accepts that the basis for levying general rates in Queensland is land valuations. Therefore, Council has designed the general rating system taking into account the following factors:

- The relative rateable value of lands and the general rates that would be payable if only one general rate were levied;
- The use of the land as it relates to actual and potential demand for Council services; facilities and infrastructure;



- Location of the land as it relates to actual and potential demand for Council services; facilities and infrastructure; and
- The impact of rateable valuations on the level of general rates to be paid.

In respect of mining, mining related activities (particularly coal mining, petroleum and petroleum related activities), Council has paid particular attention to the need to carefully consider the impacts that these particular land uses have on the ability of Council to deliver desired levels of service to its community.

These impacts include: -

1. The increase in Council's wage costs in endeavouring to compete (in a limited labour market) with the high incomes paid in those activities and industries;
2. Increased staff turnover;
3. Accommodation difficulties in terms of both availability and affordability;
4. Increased use of and more rapid deterioration of public infrastructure;
5. The demand for new and improved services such as additional health, environmental, planning and community development services.

These industries and activities add substantially to the full-time equivalent resident population and the consequent demand upon Council services, facilities and services. In addition, they attract ancillary and support services such as contractors servicing machinery and equipment.

### **Categories**

Council adopts differential general rating in the Shire for the following reasons:

- Council is committed to spreading the general rates burden equitably;
- The use of a single general rate would not result in an equitable distribution of the rates burden among ratepayers; and
- Certain land uses and locations of lands require and/or impose greater demands on Council services relative to other land uses and locations.

Where appropriate, relative valuations are used to define land rating categories in order to reduce the variation in general rate charges between consecutive years and limit increases to a reasonable level across all land uses.

Therefore land use, location in the Shire and relative unimproved valuation are the criterion that defines and separates the categories for differential general rating purposes.

For the purposes of rating categories the term:

- 'Land uses' and 'Land use code' refers to the primary land use assigned by the Queensland Department of Natural Resources and Mines for the applicable year of valuation; and
- 'value' refers to the value of land assigned by the Queensland Department of Natural Resources and Mines (pursuant to the *Land Valuation Act 2010*) for the applicable year of valuation.

In arriving at the differential rating categories for mining (and mining related activities) Council has also considered the following issue: -

- Coal mining and petroleum activities by their nature and size of the operations have a more significant impact on the Council and public infrastructure than other types of mining and extractive industries.



Accordingly, so far as mining activities are concerned, Council will adopt a system of categorisation which distinguishes coal mining activities from other types of mining and extractive industry activities.

## **Definitions**

Where reference is made to particular townships, regard should be had to the differential rating maps adopted by Council at its 2019/20 Budget meeting. These maps show the boundaries of each the townships in the Region.

The term "large commercial purposes" means land used for the purposes of a shopping centre with or without ancillary retail outlets attached.

The term "heavy industry purposes" means land used for the purposes of electricity generation or the production of ammonium nitrate.

The term "SCU" means, a standard cattle unit as that phrase is used in the *Environment Protection Regulation*.

## **Categories, Descriptions, Identifications, Differential General Rates and Minimum General Rate**

Forty-four categories of land have been identified. For the 2019/2020 financial year the Categories, Descriptions, Identifications, Differential general rates (Rate in the dollar or cents in the dollar) and minimum general rates will be levied on the differential general rate categories as follows:



Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
1	Biloela Town - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land within the township of Biloela.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	1.5850	\$755.00
2	Biloela Town - Other	Land located within the township of Biloela which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	1.8740	\$755.00
3	Moura Town - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land within the township of Moura.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	4.7260	\$755.00
4	Moura Town - Other	Land located within the township of Moura which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	3.3360	\$755.00
5	Other Towns - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land located within the township of Banana, Baralaba, Callide Dam, Cracow, Dululu, Goovigen, Jambin, Thangool, Theodore and Wowan.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	2.2410	\$755.00
6	Other Towns - Other	Land located within the township of Banana, Baralaba, Callide Dam, Cracow, Dululu, Goovigen, Jambin, Thangool, Theodore and Wowan which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	2.2410	\$755.00
7	Rural Residential	Land used for rural residential purposes other than land in the former Taroom Shire.	Land with land use codes 1 to 10 (inclusive) and as identified by the Chief Executive Officer.	1.9750	\$755.00

Title: Revenue Statement 2019-2020

Policy Number: 11

Function/Activity: Finance and Rates

Responsible Department: Corporate and Community Services

Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

Reviewed/Amended:

Next Review Date: June 2020



Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
8	Rural 1 - \$0 to \$300,000	Land used for rural purposes having a value of not more than \$300,000 other than land in the former Taroom Shire.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.8550	\$755.00
9	Rural 2 - \$300,001 - \$850,000	Land used for rural purposes having a value of \$300,001 to \$850,000 other than land in the former Taroom Shire.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.8250	\$2,600.00
10	Rural 3 - >\$850,000	Land used for rural purposes having a value of more than \$850,000 other than land in the former Taroom Shire.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.7980	\$7,500.00

Title: Revenue Statement 2019-2020

Policy Number: 11

Function/Activity: Finance and Rates

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Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
11	Extractive - Coal	Land which is: - (a) a mining lease issued pursuant to the Mineral Resources Act for the extraction of coal; or (b) used or intended to be used for coal mining or coal mining related activities.	Assessment numbers: <ul style="list-style-type: none"> <li>• 14299-00000-000</li> <li>• 14299-10000-000</li> <li>• 14300-00000-000</li> <li>• 14327-10000-000</li> <li>• 14329-00000-000</li> <li>• 14336-10000-000</li> <li>• 14349-00000-000</li> <li>• 14351-00000-000</li> <li>• 14352-00000-000</li> <li>• 15013-00000-000</li> <li>• 15030-00000-000</li> <li>• 15064-00000-000</li> <li>• 15064-10000-000</li> <li>• 15067-00000-000</li> <li>• 15069-00000-000</li> <li>• 16090-00000-000</li> <li>• 16092-00000-000</li> <li>• 16102-00000-000</li> <li>• 16103-50000-000</li> <li>• 16103-60000-000</li> <li>• 16152-00000-000</li> <li>• 16167-00000-000</li> <li>• 16168-00000-000</li> <li>• 16170-00000-000</li> <li>• 16174-00000-000</li> <li>• 16185-50000-000</li> <li>• 16186-00000-000</li> <li>• 16324-00000-000</li> <li>• 16324-10000-000</li> <li>• 16343-50000-000</li> <li>• 16350-00000-000</li> <li>• 16351-00000-000</li> <li>• 16729-00000-000</li> </ul> and as identified by the Chief Executive Officer.	25.8500	\$37,500.00

Title: Revenue Statement 2019-2020

Policy Number: 11

Function/Activity: Finance and Rates

Responsible Department: Corporate and Community Services

Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

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Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
12	Large Commercial	Land used for large commercial purposes.	Assessment numbers: • 10457-10000-000 • 10567-00000-000 and as identified by the Chief Executive Officer.	4.6820	\$18,500.00
13	Industrial	Land used for industrial purposes other than heavy industrial purposes.	Assessment numbers: • 12177-90000-000 • 12177-91000-000 • 12177-92000-000 • 12177-93000-000 • 12177-94000-000 • 12177-95000-000 • 15161-00000-000 • 15185-00000-000 • 16056-20000-000 • 16185-30000-000 and as identified by the Chief Executive Officer.	4.0760	\$6,250.00
14	Biloela - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Biloela.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	2.8160	\$1,250.00
15	Moura - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Moura.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	6.0090	\$1,250.00
16	Other Towns - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Banana, Baralaba, Callide Dam, Cracow, Dululu, Goovigen, Jambin, Thangool, Theodore and Wowan.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	4.5830	\$1,250.00

Title: Revenue Statement 2019-2020

Policy Number: 11

Function/Activity: Finance and Rates

Responsible Department: Corporate and Community Services

Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

Reviewed/Amended:

Next Review Date: June 2020



Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
17	Pump sites	Land used for the purposes of pumping water.	Assessment numbers: <ul style="list-style-type: none"> <li>• 14103-10000-000</li> <li>• 15298-10000-000</li> <li>• 15419-00000-000</li> <li>• 16103-80000-000</li> <li>• 16258-00000-000</li> <li>• 16512-80000-000</li> <li>• 16540-00000-000</li> <li>• 21200-10000-000</li> </ul> and as identified by the Chief Executive Officer.	1.1000	\$85.00
18	Other	Land used for: - (a) the purposes of transmitting communications; and (b) all other land not otherwise categorised.	Land with land use code 91 and as identified by the Chief Executive Officer.	5.6460	\$2,500.00
19	Heavy Industrial	Land used for heavy industrial purposes, including power generation.	Assessment numbers: <ul style="list-style-type: none"> <li>• 14348-00000-000</li> <li>• 16103-30000-000</li> <li>• 16103-40000-000</li> </ul> and as identified by the Chief Executive Officer.	24.9000	\$42,500.00
20	Extractive - Other	Land used for mining and extractive industry activities other than: - (a) coal mining and its associated activities; and (b) gas or oil extraction and its associated activities.	Land with land use code 40 and as identified by the Chief Executive Officer.	12.6840	\$12,000.00
21	Taroom Town - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land within the township of Taroom.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	2.2910	\$755.00
22	Taroom Town - Other	Land located within the township of Taroom which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	2.2910	\$755.00

Title: Revenue Statement 2019-2020

Policy Number: 11

Function/Activity: Finance and Rates

Responsible Department: Corporate and Community Services

Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

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Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
23	Taroom - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Taroom.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	4.1760	\$1,250.00
24	Taroom Rural Residential	Land used for rural residential purposes within the area of the former Taroom Shire.	Land with land use codes 1 to 10 (inclusive) and as identified by the Chief Executive Officer.	1.2420	\$755.00
25	Taroom Rural 1 - \$0-\$300,000	Land used for rural purposes within the area of the former Taroom Shire having a value of not more than \$300,000.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.7620	\$755.00
26	Taroom Rural 2 - \$300,001 - \$850,000	Land used for rural purposes within the area of the former Taroom Shire having a value of \$300,001 to \$850,000.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.6050	\$2,600.00
27	Taroom Rural 3 - >\$850,000	Land used for rural purposes within the area of the former Taroom Shire having a value of more than \$850,000.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.5710	\$6,250.00

Title: Revenue Statement 2019-2020

Policy Number: 11

Function/Activity: Finance and Rates

Responsible Department: Corporate and Community Services

Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

Reviewed/Amended:

Next Review Date: June 2020



Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
28	Petroleum – 0 to 1000 hectares	Land with an area of 1,000 hectares or less, which is: - (a) a petroleum lease issued pursuant to the <i>Petroleum Act 1923</i> or <i>Petroleum (Production and Safety) Act 2004</i> for the extraction of gas; (b) used, or intended to be used, for the extraction, processing or transportation of gas; or (c) used, or intended to be used, for any purpose ancillary to, or associated with, the extraction, processing or transportation of gas, such as water storage or pipelines.	Land with land use code 40 and as identified by the Chief Executive Officer.	96.9780	\$18,500.00
29	Petroleum - 1,001 – 10,000 hectares	Land with an area of 1,001 to 10,000 hectares, which is: - (a) a petroleum lease issued pursuant to the <i>Petroleum Act 1923</i> or <i>Petroleum (Production and Safety) Act 2004</i> for the extraction of gas; (b) used, or intended to be used, for the extraction, processing or transportation of gas; or (c) used, or intended to be used, for any purpose ancillary to, or associated with, the extraction, processing or transportation of gas, such as water storage or pipelines.	Land with land use code 40 and as identified by the Chief Executive Officer.	56.2000	\$36,500.00

Title: Revenue Statement 2019-2020

Policy Number: 11

Function/Activity: Finance and Rates

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Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

Reviewed/Amended:

Next Review Date: June 2020



Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
30	Petroleum - >10,000 hectares	Land with an area greater than 10,000 hectares, which is: - (a) a petroleum lease issued pursuant to the <i>Petroleum Act 1923</i> or <i>Petroleum (Production and Safety) Act 2004</i> for the extraction of gas; (b) used, or intended to be used, for the extraction, processing or transportation of gas; or (c) used, or intended to be used, for any purpose ancillary to, or associated with, the extraction, processing or transportation of gas, such as water storage or pipelines.	Land with land use code 40 and as identified by the Chief Executive Officer.	53.0900	\$89,000.00
31	Barracks & Quarters - <251	Land used for the provision of long-term accommodation predominately for persons employed in or working in association with a particular industry in less than 251 accommodation rooms, suites and/or caravan sites.	Assessment numbers: • 10287-00000-000 • 12358-00000-000 • 15909-10000-000 and as identified by the Chief Executive Officer.	13.5500	\$15,000.00
32	Barracks & Quarters - >250	Land used for the provision of long-term accommodation predominately for persons employed in or working in association with a particular industry in more than 250 accommodation rooms, suites and/or caravan sites.	Assessment number: • 12548-80000-000 and as identified by the Chief Executive Officer.	7.6950	\$40,000.00
33	Feedlots - <2,001 SCU	Land used for the purposes of a feedlot for cattle with a capacity of less than 2,001 SCU.	As identified by the Chief Executive Officer.	14.0040	\$790.00

Title: Revenue Statement 2019-2020

Policy Number: 11

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Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

Reviewed/Amended:

Next Review Date: June 2020



Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
34	Feedlots - 2,001 - 5,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity of 2,001 SCU to 5,000 SCU.	As identified by the Chief Executive Officer.	22.9160	\$3,400.00
35	Feedlots - 5,001 - 10,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity of 5,001 SCU to 10,000 SCU.	As identified by the Chief Executive Officer.	35.6480	\$6,750.00
36	Feedlots - 10,001 - 20,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity of 10,001 SCU to 20,000 SCU.	As identified by the Chief Executive Officer.	33.1010	\$15,800.00
37	Feedlots - >20,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity greater than 20,000 SCU.	As identified by the Chief Executive Officer.	31.0640	\$28,750.00
38	Extractive - Quarries 1	Land used for the purpose of conducting an industry which may involve dredging, excavating, quarrying, sluicing or other modes of winning materials from the earth and having a value of not more than \$100,000.	Assessment number: • 15898-10000-000 and as identified by the Chief Executive Officer.	33.8820	\$17,825.00
39	Extractive - Quarries 2	Land used for the purpose of conducting an industry which may involve dredging, excavating, quarrying, sluicing or other modes of winning materials from the earth and having a value of more than \$100,000.	Assessment numbers: • 14030-50000-000 • 15948-21000-000 • 16276-00000-000 • 16287-10000-000 and as identified by the Chief Executive Officer.	17.1700	\$20,375.00
40	Solar Farm - <101 MW capacity	Land used or intended for use, in whole or in part as a Solar Farm / wind generation activity with an output capacity up to or equal to 100 MW.	As identified by the Chief Executive Officer.	0.8560	\$11,000.00
41	Solar Farm - 100 – 200 MW capacity	Land used or intended for use, in whole or in part as a Solar Farm / wind generation activity with an output capacity not lower than 100 MW but equal to or not exceeding 200 MW.	As identified by the Chief Executive Officer.	0.8660	\$14,000.00

Title: Revenue Statement 2019-2020

Policy Number: 11

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Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

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Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
42	Solar Farm - > 200 MW capacity	Land used or intended for use, in whole or in part as a Solar Farm / wind generation activity with an output capacity exceeding 200 MW.	As identified by the Chief Executive Officer.	0.8760	\$16,500.00
43	Grain bulk storage	Land used for the purpose of grain bulk storage.	Assessment numbers: <ul style="list-style-type: none"> <li>• 12190-00000-000</li> <li>• 13435-00000-000</li> <li>• 14896-00000-000</li> <li>• 16440-00000-000</li> </ul> And as identified by the Chief Executive Officer.	6.2670	\$6,000.00
44	Water facility/storage	Land used for the purposes of water storage, dams, bores or reservoirs.	Land with Land Use Code 95 and as identified by the Chief Executive Officer	5.6440	\$2,600.00

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Policy Number: 11

Function/Activity: Finance and Rates

Responsible Department: Corporate and Community Services

Adopted: 25 June 2019 Ordinary Meeting - Minute OM004375

Reviewed/Amended:

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## **Identification of Land**

The Council delegates to the Chief Executive Officer, pursuant to section 81(4) and (5) of the *Local Government Regulation 2012*, the power of identifying the rating category to which each parcel of rateable land applies.

## **General Rates – Objections**

Owners of rateable land will be informed that they have the right of objection to the category their land is included in. All objections shall be lodged with the Chief Executive Officer, Banana Shire Council and the only basis shall be that at the date of issue of the Rate Notice, having regard for the description adopted by Council, the land should be in another category.

Giving notice of objection will not, in the meantime, affect the levy and payment of general rates. Where the category within which a property is classified changes as a result of the objection, an adjustment of general rates will be made.

## **General Rates – Limitation of Increase**

Pursuant to Section 116 of the *Local Government Regulation 2012*, Council will limit the increase in the general rates for the 2018/2019 year in the following differential general rate categories:

<b>Column 1 Category Number</b>	<b>Column 2 Category Name</b>	<b>Column 3 Percentage increase (i.e. “the cap”)</b>
5	Other Towns - Residential	12.50%
7	Rural Residential	10.00%
10	Rural 3- >\$850,000	12.50%
21	Taroom Town - Residential	15.00%
25	Taroom Rural 1 - <\$300,000	15.00%

If the general rates for the last financial year were for a full year, the limitation of increase will be last year's general rate amount increased by the stated percentages above.

If the general rates for the last financial year were not for a full year, the limitation of increase will be the corresponding annual amount of last year's general rate increased by the stated percentages above.

## ***Special Rates and Charges***

Council will use its powers under Section 94 of the *Local Government Regulation 2012* to levy special charges for:

1. The provision of rural fire fighting services for the benefit for parts of the Shire which are not serviced by urban firefighting services.
2. Taroom Rural Water Connections - Charges are to be levied in two equal instalments per annum, over a 5 year period, to recover the cost of connecting the land in question, which is located outside of the declared Taroom water service area, to Council's reticulated water supply system for Taroom.



## ***Separate Rates and Charges***

### **Environmental Levy**

A separate charge will be made and levied equally on all rateable land within the Shire to assist in defraying the cost of Council's Shire Wide Waste Strategy (the strategy incorporates the operation of landfill sites throughout the Shire, undertaking consequential environmental initiatives for the purpose of environmental protection, sustainability and conservation and investigating the introduction of a recycling program).

### ***Utility Charges***

Utility charges are levied taking into account the user pays and full cost recovery principles.

The basis for making and levying Council's Utility Charges namely Waste Collection (Mobile Garbage Bin), Sewerage and Water are described as follows:-

#### **Waste Collection (Mobile Garbage Bin) Utility Charges**

**(Banana, Baralaba, Biloela, Callide Dam, Dululu, Goovigen, Jambin, Moura, Taroom, Thangool, Theodore, Wowan)**

Council's Waste Collection (Mobile Garbage Bin) Utility Charges are set to recover the cost to Council of providing refuse collection services.

Accordingly the Waste Collection (Mobile Garbage Bin) charge shall be calculated as follows:

#### **Residential service**

- One (1) Waste Collection (Mobile Garbage Bin) charge per single unit dwelling located on the property assessment.
- One (1) Waste Collection (Mobile Garbage Bin) charge per unit in a multiple unit dwelling located on the property assessment.

#### **Non-Residential service**

- All other property assessments (excluding vacant property assessments) are charged a minimum of one (1) Waste Collection (Mobile Garbage Bin) charge, depending on the level of service provided.

Non-rateable cleansing users are required to pay a Waste Collection (Mobile Garbage Bin) charge to help fund waste management costs.

At the discretion of Council the services can be either the number of mobile garbage bins (wheelie bins) serviced once per week or the number of bins times the number of times each week that the bin is serviced, and further, that the Waste Collection Service areas of Banana, Baralaba, Biloela, Callide Dam, Dululu, Goovigen, Jambin, Moura, Taroom, Thangool, Theodore and Wowan be the approved areas to be serviced by mobile garbage (wheelie bins).

In respect of improvements erected during the year Waste Collection (Mobile Garbage Bin) charges shall be levied proportionally for the unexpired part of the year from the date council determines the improvement is ready for occupation. For users, the charge will be for a weekly collection of one (1) wheelie bin.

Users as determined by Council may be levied excess refuse charges in accordance with their agreed requirements, and at quarterly intervals using the current refuse charge.



## **Sewerage Utility Charges**

Council's Sewerage Charges are set to recover the cost to Council of operating the sewerage network.

Accordingly Sewerage Charges shall be calculated on each property assessment within the sewerage network areas as follows:

1. **FIRST CONNECTION** - Each first sewerage connection charge for the first water closet (W.C.) / urinal connection is the whole charge.
2. **ADDITIONAL CONNECTIONS** - Each additional sewerage water closet (W.C.)/urinal connection shall pay 75% of the whole charge excluding additional water closets in single unit dwellings or units in a multiple unit dwelling.
3. **VACANT ALLOTMENTS/PARCELS** - Each vacant allotment of land in the sewerage area shall be charged 50% of the whole charge.
4. **TRADE WASTE** - That Council's Trade Waste Charges be determined by resolution of the Council, and shall be determined separately in respect of each sewerage area. Such charges shall be based on the calculated additional costs to the sewerage system by the Trade Waste loading, divided by the calculated number of kilolitres discharged, and divided by the calculated number of kilograms of organic loading discharged.

In respect of improvements erected during the year, sewerage utility charges shall be levied proportionally for the unexpired part of the year from the date council determines the improvement is ready for occupation.

## **Water Utility Charges**

**(Banana, Baralaba, Biloela, Callide Dam, Cracow, Goovigen, Moura, Taroom, Thangool, Theodore, Wowan)**

Water charges are determined on a user pays basis and collected to fully recover the cost of provision of infrastructure and the cost of operating and maintaining the water supply system.

The water charges will be charged on a two-part tariff system comprising of a:

- **Water Access Charge** for all properties charged per use of land or parcel of land (whichever greater in number), whether connected or not, to which the Council is prepared to make a supply of reticulated water available; and a
- **Water Consumption Charge** for each kilolitre of water used (consumption charge) during the period from 1 July 2019 to 30 June 2020. Consumption of water that exceeds the quantity in Tier 1 will be subject to charges based on Tier 2. Water consumption charges shall be based on meter readings conducted twice during the year

Water usage is determined based on meter readings as registered through the meter connected to the property. Where a meter reading is not able to be obtained, then an estimate based on past readings will be used.

In respect of improvements erected during the year, water access charges shall be levied proportionally for the unexpired part of the year from the date council determines the improvement is ready for occupation.

## **Baralaba and Taroom Raw Water Schemes**

Water charges are determined on a user pays basis and collected to fully recover the cost of the cost of operating and maintaining the raw water supply system.



The water consumption charges will be charged for each kilolitre of water used (consumption charge) during the period from 1 July 2019 to 30 June 2020.

Water usage is determined based on meter readings as registered through the meter connected to the property. Where a meter reading is not able to be obtained, then an estimate based on past readings will be used.

In respect of improvements erected during the year, water charges shall be levied proportionally for the unexpired part of the year from the date council determines the improvement is ready for occupation.

### **Water (General)**

Council resolves to apply Section 102 of the *Local Government Regulation 2012* to all water meter readings for all water schemes during the period from 1 July 2019 to 30 June 2020.

Due to water quality constraints and cost of additional treatment, Wowan is a non-potable water supply.

Water at Cracow is not treated by Council and quality cannot be guaranteed and this scheme is non-potable accordingly.

## ***Interest on Overdue Rates and Charges***

Council will, in accordance with the provisions of Section 133 of the *Local Government Regulation 2012*, charge compound interest on daily rests at the rate of nine point eight three percent (9.83%) per annum to all overdue rates and charges from the first day that such rate or charge becomes overdue (except the Taroom Rural Water Connection Special Charge).

Rates and charges become overdue on the day after the due date for payment of the rates and charges stated on the rates notice. Interest will not commence to be charged on any unpaid portion of the Taroom Rural Water Special Charge until 30 June following the levy of the special charge.

## ***Discount for Prompt Payment of Rates and Charges***

Under Section 130 of the *Local Government Regulation 2012*, the Differential General Rates / Separate charge – Environmental Levy / Waste Collection Utility charges / Sewerage Utility Charges / Water Utility charges made and levied (except Banana, Baralaba, Biloela, Callide Dam, Cracow, Goovigen, Moura, Taroom, Thangool, Theodore, and Wowan water consumption charges, Baralaba and Taroom raw water consumption charges, Rural Fire Levy and State Government Emergency Management Levy and the Taroom Rural Water Connection Special Charge) shall be subject to a discount of 10% if paid within the discount period of 30 days of the date of issue of the rates notice provided that:

- (a) All of the aforementioned rates and charges are paid within 30 days of the date of issue of the rate notice;
- (b) All other rates and charges appearing on the rate notice (that are not subject to a discount) are paid within 30 days after the date of issue of the rate notice (including charges for an amount paid for work that was performed by the local government under a remedial notice issued as per Local Government Regulation s130 (5) (d) (ii)); and
- (c) All other overdue rates and charges relating to the rateable assessment are paid within 30 days of the date of issue of the rates notice.



Payments made in person

Cash, Cheque, Money Order, Visa Card, Master Card, Bank Card and EFTPOS (no cash out) payments are to be receipted at one of Council's Customer Service Centres by the close of business on or before the due date as printed on the rate notice.

Payments made by Mail

Cheques, Bank Cheques or Money Orders must be received and receipted at one of Council's Customer Service Centres by the close of business on or before the due date as printed on the rate notice. It is strongly suggested that payment is not left until the last few days as Council does not accept responsibility for unforeseen delays.

Payments received electronically

Electronic transfers via BPAY, BPOINT, Post Billpay or any other electronic transfer are to be received into Council's account on or before the due date as printed on the rate notices. Electronic payments processed by a financial institution or bill payment service after the nominated payment cut off time on the due date will not be eligible to receive discount.

If in the opinion of the Chief Executive Officer or other delegated officer, the officer is satisfied that a genuine mistake has occurred in that the amount of any rates payment received is less than the total amount owing, then the discount shall be allowed provided that the short paid amount is remitted to the Council within seven (7) days of receipt of the notice from Council advising of such error.

Payments made after the Due Date

Discount will be allowed if the full payment of the overdue rates and charges is made within a period specified by council AND the applicant provides proof satisfactory to council of any of the following:

- Illness involving hospitalisation and/or incapacitation of the ratepayer at or around the due date for payment; or
- the death or major trauma (accident/life threatening illness/emergency operation) of the ratepayer and/or associated persons (Spouse/Children/Parents) at or around the due date for payment; or
- the loss of records resulting from factors beyond the ratepayer's control (Fire/Flood etc); or
- prepayments did not clear net rates and charges resulting in \$50 or less remaining unpaid; or
- as a result of a change of ownership, where council received notification between the generation of the rates notice and the due date for payment.

**and** Council is satisfied that the event was the cause of the ratepayer's failure to make full payment by the due date.

Late payments Due to Delivery Difficulties

Discount will be allowed due to delivery difficulties only:

- following the non-receipt of the rates notice by the ratepayer, or
- the non-receipt or late receipt of the rates payment by council

where the reason for either, the non-receipt of the notice or non-receipt or late payment, is separately substantiated as detailed below and discount has not been allowed on a previous late payment in similar circumstances in the last five (5) years.

To substantiate the claim for discount due to non-receipt of the rates notice or non-receipt or late receipt of the rates payment by council the following is required:

- a written statement from the ratepayer detailing non-receipt of the rates notice; or
- other evidence that payment of the rates was made by the ratepayer before or on the due date, but did not reach council due to circumstances beyond the control of the ratepayer; or
- other evidence that an administrative error occurred at the Department of Natural Resources, Mines and Energy which resulted in the rates notice being incorrectly addressed by Council.



Discount may also be allowed, if substantiated by evidence, the return of the rate notice to council although correctly addressed occurred through no fault or instigation of the ratepayer and beyond the ratepayer's reasonable control.

Discount will **NOT** be allowed if the circumstances above are:

- as a result of the failure of the ratepayer to ensure that council was given correct notification of the postal address for service of notices prior to the issue of the rate notices; or
- as a result of the failure of the ratepayer to ensure that council was given correct notification of the email address for service of the notices prior to the issue of the rate notices

#### Administrative Errors

An extended discount period will be allowed if council has failed to correctly issue the rates notice in sufficient time to permit the ratepayer to make payment before the expiration of the discount period. The extended discount period will be equivalent to that period provided to other ratepayers and will commence from the date council specifies.

#### Payment Errors

Where there is an apparent accidental short payment of the rates resulting from a miscalculation of the net amount due, arising from the payment of a number of rate notices at one time (ie addition error) OR the tendering of an incorrect amount for a single rate notice (ie transposition error) THEN discount will be allowed in the following manner:

- *WHERE THE AMOUNT OF THE ERROR IS \$50 OR LESS* - Full discount will be allowed and the underpaid amount will be treated as 'Arrears of Rates'.
- *WHERE THE AMOUNT OF THE ERROR EXCEEDS \$50* - If an error is identified the Ratepayer will be given 14 days to pay the shortfall. If the shortfall is paid by the extended due date, so advised, full discount will be allowed at that time.

## ***Rates Concessions***

Council will grant rate concessions under the *Local Government Regulation 2012* Sections 120,121 and 122 as follows:

#### **Subdivider Rate Concession**

That, where a contribution to the cost of providing water and sewerage services on subdivided land has been made, a rebate be granted to the subdivider/developer of 100% of the water and sewerage vacant land charges subject to the following conditions:-

- The concession is for a period of twelve (12) month from the registration date of the plan;
- The person who subdivided the parcel is the owner of the land;
- The land is not developed land;
- The rate payer applies in writing for the concession; and
- All applications are submitted to a meeting of Council for ratification.

#### **Non Profit Community, Recreational and Sporting Groups Rate Concession**

To assist non-profit community, sporting and recreation organisations, a rebate be granted for the 2019/2020 financial year for the classes of rate payers listed in the attached schedule, subject to the general conditions and additional conditions, where applicable, below:



**A. General Conditions**

1. The land must be used for the purpose for which the concession applies,
2. Organisations that manage fully licenced premises and/or gambling machines are not eligible for rates and charges concessions,
3. The organisation must be the owner or lessee and the occupier of the land.

**B. Additional Conditions (where applicable)**

Sporting and Recreation organisations must provide a substantial community benefit as assessed by meeting at least two (2) of the following:

1. The facility is regularly used for junior development.
2. The facility is regularly used by members of the public other than members of the organisation at no charge.
3. The facility is regularly used by members of the public other than members of the organisation and where the organisation must provide 'pay as you play' type activities as it is not possible for free or unrestricted access due to the type of facility.
4. The facility is regularly used by members of the public other than members of the organisation, unrestricted or un-supervised access is not possible due to the type of facility and the organisation facilitates other methods of encouraging community access through open days, come and try, or similar events.

**Retirement Homes / Units Rate Concession**

A rebate is to be granted to Retirement Homes/Units throughout the Shire by Council and the rate charged be a composition amount in respect of rates levied on namely -

Biloela	Wahroonga Retirement Village & Rainbow Lodge (QHC), QCWA & RSL Units
Baralaba	Baralaba Community Aged Care Units
Moura	Moura Retirement Village
Taroom	Leichhardt Villa
Theodore	Theodore Council of the Ageing Units
Wowan	Dundee Retirement Units
Thangool	QCWA Units

The composition amount for each of the above mentioned Retirement Homes / Units is listed in the separate resolution of Council.

**Pensioner Rate Concession****State Pensioner Subsidy**

In accordance with the provisions of the Queensland State Government Rate Subsidy guidelines as existing at the time of rating, a State Pensioner Subsidy of 20% to a maximum of \$200.00 per annum will be allowed on all current rates and charges as levied (except the Taroom Rural Water Connection Special Charge). A 20% remission will also be allowed on the State Fire Levy charges for residential properties.

**Council Pensioner Remission**

In accordance with the provisions of Council's Pensioner Rate Remission Policy and the Queensland State Government Rate Subsidy guidelines as existing at the time of rating, a Council Pensioner Remission of 20%



to a maximum of \$310.00 per annum will be allowed on all current rates and charges as levied (except the Taroom Rural Water Connection Special Charge).

The Chief Executive Officer is delegated the authority to assess late pensioner applications.

## ***Rates and Charges – Levy and Payment***

All rates and utility charges referred to in this policy shall be levied on a half-yearly basis. Such rates and utility charges shall be payable by the due date on the original notice of the levy.

Under Section 107 of the *Local Government Regulation 2012* and Section 114 of the *Fire and Emergency Services Act 1990*, Council's rates and charges, and the State Government's Emergency Management, Fire and Rescue Levy be levied:

- For the half year 1 July 2019 to 31 December 2019 - on 13 August 2019; and
- For the half year 1 January 2020 to 30 June 2020 - on 11 February 2020.

Pursuant to Section 118 of the *Local Government Regulation 2012*, that Council's rates and charges, and the State Government's Emergency Management, Fire and Rescue Levy, be paid within 34 days of the date of the issue of the rate notice.

## ***Rate Recovery***

When Council has incurred legal costs in taking court action under Chapter 4 Part 12 of the *Local Government Regulation 2012*, then these costs must be paid first in the payment of rates.

## ***Code of Competitive Conduct – Council Business Activities***

Where an activity has been nominated as compliant with the Code of Competitive Conduct, the principles of full cost pricing have been applied. These activities include:

- Roads
- Water
- Sewerage
- Plant Operations

## ***Cost Recovery Fees***

Under Section 97 of the *Local Government Act 2009* Council may fix a cost-recovery fee for any of the following:-

- (a) an application for the issue or renewal of a licence, permit, registration or other approval under a Local Government Act (an *application fee*); or
- (b) recording a change of ownership of land; or
- (c) giving information kept under a Local Government Act; or
- (d) seizing property or animals under a Local Government Act; or
- (e) the performance of another responsibility imposed on the local government under the Building Act or the Plumbing and Drainage Act.



The criteria used to decide the amount of the cost-recovery fee is that the fee must not be more than the cost to the Council of taking the action for which the fee is charged.

Cost-recovery fees are listed in Council's Fees and Charges and are available for perusal on Council's website.

## ***Business Activity Fees (Commercial Charges)***

Council has the power to conduct business activities and make commercial charges for services and facilities it provides on this basis. Business activity fees (more commonly referred to as "commercial charges") are made where Council provides a service and the other party to the transaction can choose whether or not to avail itself of the service.

Commercial charges are a class of charge which are purely commercial in application. Commercial charges are subject to the Commonwealth's Goods and Services Tax.

Commercial charges include but are not confined to the following: rents, plant hire, private works and hire of facilities. Full details of Council's commercial charges are included in Council's Fees and Charges Register 2018/19 and are available for perusal on Council's website.

## **CERTIFICATION**

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.....  
**CHIEF EXECUTIVE OFFICER**  
**BANANA SHIRE COUNCIL**

.....  
**DATE**



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### 8.1.1.2 DEBT POLICY 2019/2020

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 1831, 84295  
**Letter ID:**  
**Attachment:** Debt Policy 2019/20  
**Minute No:** OM004376

---

#### **Resolution:**

***That pursuant to Section 192 of the Local Government Regulation 2012, Council adopts the Debt Policy 2019/2020 which is attached to and forms part of these minutes.***

***Moved: Cr Leo***

***Seconded: Cr Boyce***

***Carried***

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#### **Report**

The *Local Government Regulation 2012* requires that a local government must prepare a debt policy each financial year. The policy must state the following:-

- (a) the new borrowings planned for the current financial year and the next nine financial years; and
- (b) the time over which the local government plans to repay existing and new borrowings.

The attached policy outlines Council's requirements for loan borrowings and the functions for which money will be borrowed for the 2019/20 financial year. The repayment schedule outlines Council's commitment for interest and redemption on loans for the 2019/20 financial year.





# DEBT POLICY 2019-2020

## SCOPE

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This Policy applies in relation to all cash borrowings by Council from external entities. The policy has been developed taking into account the provisions of Section 192 of the *Local Government Regulation 2012*.

## LEGISLATION

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*Local Government Regulation 2012 Section 192*

## OBJECTIVE

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To adopt a policy on borrowings that provides for responsible financial management on the loan funding of infrastructure by ensuring the level of Council indebtedness is within acceptable limits to Council, its ratepayers and interested external parties.

## DEFINITIONS

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### **Recurrent Expenditure:**

Expenditure of a similar nature that is repeated over a number of financial periods e.g. operational and maintenance expenditure.

### **Loan Servicing Cost:**

Regular payment used to repay the outstanding debt within the expected loan term. (This includes the interest and principal payments.)

### **Book Debt:**

The value of debt for accounting purposes.

### **Market Value:**

The amount required to repay debt outstanding or the amount payable by QTC to pay the Offset Facility or Investment Fund.

### **Debt Pool:**

The mechanism used by QTC whereby customers with similar expected loan terms are grouped. The objective is to further reduce customer's interest costs or the expected term to repay the loan.



**QTC:**

Queensland Treasury Corporation.

**POLICY**

---

As a general principle, Council recognises that loan borrowings for infrastructure are an important resource possessed by Local Government and that the full cost of infrastructure should not be borne entirely by present-day ratepayers but be contributed to by future ratepayers who will also benefit. Whilst recognising the importance of loan borrowings, Council should not place undue reliance upon loans as a source of income.

Council will restrict all borrowings to expenditure on identified capital projects that are considered by Council to be of the highest priority, and which cannot be funded from revenue, as identified by the adopted budget. In no circumstances should Council borrow funds for recurrent expenditure.

The basis for determination of the utilisation of loan funds will be as follows:

- Analysis of existing debt levels (excluding those relating to water, sewerage and waste) with a loan servicing cost target not exceeding 20% of general own source revenue in any one year.
- Where a capital project for a service that is funded by utility or user charges e.g. water, sewer, waste, is determined to be funded by way of loans, the user charge should reflect the cost of providing the service including the loan servicing costs.
- Other specific capital projects, not funded by user charges, should only be considered for loan funding where the project is considered by Council to be beneficial to the majority of ratepayers.
- The term of any loan should not exceed the expected life of the asset being funded.

**Ten Year Loan Programme Forecast**

Council utilises loan borrowings to fund major infrastructure works so that repayments are spread over the years in which the assets will be utilised by ratepayers. The Debt Policy is integrated with the long-term financial forecast and deals with the following areas:

- 1) Ten Year Loan Programme Forecast
- 2) Repayment Schedule

The following ten year programme is proposed by Council, although allocations in future years are revised on an annual basis in conjunction with the review of the long-term financial forecast and long-term asset management plan.

**Repayment Schedule**

The loan portfolio of Council is raised solely with the Queensland Treasury Corporation. The Queensland Treasury Corporation maintains Council debt as the book debt plus a market provision, to market value the total liability outstanding. The provision is principally a result of past movements in the market value of the liabilities within each debt pool. If the Council was to liquidate this debt it would be required to pay the market value of the loan portfolio. The portfolio has been consolidated into a general consolidated facility



for all existing loans as at 30<sup>th</sup> September 2014. All loans acquired since this time are categorised by function into either the consolidated loans area or the relevant business unit as applicable. During the 2018/2019 year Council paid out in full the loans acquired since 2014 (Callide Creek Bridge Biloela and Baralaba Water Treatment Plant) to decrease Council's debt levels.

It is proposed that Council consider maintaining a repayment schedule consistent with an interest and principal repayment calculation so that the exposure to interest rate fluctuations is minimised. This basis of repayment will continue to be assessed in the future.

In respect of loan borrowings used to fund infrastructure associated with major projects (e.g. the Valley View Drive major roundabout), Council will seek to utilise infrastructure charges (i.e. road contributions) received from future developments within the catchment area (as influenced by development) in the applicable financial year to accelerate the principal repayments on the consolidated account in that year.

In respect of loan borrowings used to fund land development, Council will seek to utilise land sale proceeds from the development in the applicable financial year to accelerate the principal repayments on the consolidated account in that year (e.g. Theodore subdivisional works).

The budgeted Loan Portfolio of Council for the 2019 - 2020 year and next nine financial years is as follows:

PROJECT	Term (Years)	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
		000's	000's	000's	000's	000's	000's	000's	000's	000's	000's
WATER	10 - 20										
SEWERAGE	10 - 20		900								
WASTE	10 - 20										
GENERAL	10 - 20										
TOTAL											



## BANANA SHIRE COUNCIL

BUDGETED INTEREST AND REDEMPTION BY FUND AND FUNCTION  
FOR THE YEAR TO 30 JUNE 2020

	A	B	C	C(I)	D ( A - C ) + C(I)
FUNCTION DESCRIPTION	EST BOOK DEBT	QTC INTEREST	QTC REDEMPTION	NEW ADVANCES	EST BOOK DEBT
	BALANCE 30/06/19				BALANCE 30/06/20
<b>GENERAL FUNCTIONS</b>					
Consolidated Account	\$6,581,440.06	\$ 416,220.70	\$1,216,326.05		\$5,365,114.01
<b>GENERAL FUNCTIONS</b>	<b>\$6,581,440.06</b>	<b>\$ 416,220.70</b>	<b>\$1,216,326.05</b>		<b>\$5,365,114.01</b>
<b><u>TOTAL</u></b>	<b>\$6,581,440.06</b>	<b>\$ 416,220.70</b>	<b>\$1,216,326.05</b>		<b>\$5,365,114.01</b>

## Repayment Terms

The current repayment terms to the individual loan accounts are as follows:

	<u>Debt Pool</u>	<u>Approximate Remaining Term</u>
Consolidated Accounts	7 years	5 years

The existing term of the Portfolio varies between separate accounts and will fluctuate in proportion to the market value provision applied. The estimated total repayment amounts for the 2019 - 2020 financial year are indicated in the above table.

## CERTIFICATION

.....  
**CHIEF EXECUTIVE OFFICER**  
**BANANA SHIRE COUNCIL**

.....  
**DATE**



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### 8.1.1.3 INVESTMENT POLICY 2019/2020

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 1831, 84295  
**Letter ID:**  
**Attachment:** Investment Policy 2019/20  
**Minute No:** OM004377

---

#### **Resolution:**

*That pursuant to Section 191 of the Local Government Regulation 2012, Council adopts the Investment Policy 2019/2020 which is attached to and forms part of these minutes.*

*Moved: Cr Middleton*

*Seconded: Cr Leo*

*Carried*

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#### **Report**

The *Local Government Regulation 2012* requires that a local government must prepare an investment policy each financial year. The policy must outline:-

- (a) The local government's investment objectives and overall risks philosophy; and
- (b) Procedures for achieving the goals relating to investment stated in the policy.





# INVESTMENT POLICY 2019-2020

## SCOPE

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This Policy applies to the investment of surplus funds in accordance with Section 191 of the *Local Government Regulation 2012* and investment powers under Part 6 of the *Statutory Bodies Financial Arrangement Act 1982 (SBFAA)*.

## LEGISLATION

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*Local Government Regulation 2012 Section 191*  
*Statutory Bodies Financial Arrangement Act 1982 Part 6*  
*Statutory Bodies Financial Arrangement Regulation 2007*

## OBJECTIVE

---

To adopt a policy on investments based on an assessment of counterparty, the market and liquidity risk within the framework of the SBFAA and regulations.

## DEFINITIONS

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### **Investment:**

For the purposes of this policy investment is taken to mean an interest bearing financial instrument that is surplus to Council's short term operating requirements.

## POLICY

---

Banana Shire Council's overall objective is to invest funds at the most advantageous rate of interest available to it at the time, for that investment type, and in a way that it considers the most appropriate given the circumstances.

Council's principal objective in investing funds is the preservation of capital. Funds are to be invested in a manner that seeks to ensure security of the principal of the overall portfolio.



## PROCEDURE

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Investment officers are to manage the investment portfolios not for speculation, but for investment and in accordance with the spirit of this Investment Policy. Investment officers are to avoid any transaction that might harm confidence in Banana Shire Council.

In priority, the order of investment activities shall be preservation of capital, liquidity and return.

### 1 Investment Activities

#### 1.1 Preservation of Capital

Preservation of capital shall be the principal objective of the investment portfolio. Investments are to be performed in a manner that seeks to ensure security of principal of the overall portfolio. This would include managing credit and interest rate risk within given risk management parameters and avoiding any transactions that would prejudice confidence in Council or its associated entities.

##### a) Credit Risk

Banana Shire Council will evaluate and assess credit risk prior to investment. Credit risk is the risk of loss due to the failure of an investment issue or guarantor. The investment officer will minimise credit risk in the investment portfolio by pre-qualifying all transactions including the brokers/securities dealers with which they do business, diversifying the portfolio and limiting transactions to secure investments.

##### b) Interest Rate Risk

The investment officers shall seek to minimise the risk of a change in the market value of the portfolio because of a change in interest rates. This would be achieved by considering the cash flow requirements of Council and structuring the portfolio accordingly. This will avoid having to sell securities prior to maturity in the open market. Secondly, interest rate risk can be limited by investing in shorter term securities.

#### 1.2 Maintenance of Liquidity

The investment portfolio will maintain sufficient liquidity to meet all reasonably anticipated operating cash flow requirements of Council, as and when they fall due, without incurring significant transaction costs due to being required to sell an investment.

#### 1.3 Return on Investments

The portfolio is expected to achieve a market average rate of return and take into account Banana Shire Council's risk tolerance and current interest rates, budget considerations, and the economic cycle. Any additional return target set by Council will also consider the risk limitations, prudent investment principles and cash flow characteristics identified within this Investment Policy.

### 2 Ethics & Conflicts of Interest

Investment officers/employees shall refrain from personal activities that would conflict with the proper execution and management of Banana Shire Council's investment portfolio. This includes activities that would impair the investment officers' ability to make impartial decisions.



This policy requires that employees and investment officers disclose to the Chief Executive Officer any conflict of interest or any investment positions that could be related to the investment portfolio.

### 3 Requirements

In accordance with Schedule 3 of the *Statutory Bodies Financial Arrangements Regulation 2007*, Banana Shire Council has been allocated a Category 1 investment power.

#### 3.1 Portfolio Investment Parameters

Section 44(1) of SBFAA details the investment powers allocated to Category 1 authorities:

- deposits with a financial institution;
- investment arrangements accepted, guaranteed or issued by or for the Commonwealth or a State or a financial institution;
- other investment arrangements secured by investment arrangements accepted, guaranteed or issued by or for the Commonwealth or a State or a financial institution;
- investment arrangements, managed or operated by QIC or QTC, prescribed under a regulation for this paragraph;
- an investment arrangement with a rating prescribed under a regulation for this paragraph;
- other investment arrangements prescribed under a regulation for this paragraph.

#### 3.2 Section 44(2) states that the investment must be:

- at call; or
- for a fixed time of not more than 1 year.

#### 3.3 Prohibited Investments

This investment policy prohibits any investment carried out for speculative purposes. The following investments are prohibited by this investment policy.

- Derivative based instruments (excluding floating rate notices)
- Principal only investments or securities that provide potentially nil or negative cash flow
- Stand-alone securities that have the underlying futures, options, forward contracts and sways of any kind, and
- Securities issued in non-Australian dollars.

### 4 Placement of Investment Funds

Overall the amount invested with institutions should not exceed the following percentage ranges of overall annual funds invested and appropriate documentation must be maintained. Also, when placing investments, consideration should be given to the relationship between credit rating and interest rate.



Long Term Rating (Standard & Poors)	Short Term Rating (Standard & Poors)	Individual Counterparty Limit	Total Portfolio Limit
AAA to AA-	A1+	Maximum 30%	No limit
A+ to A	A1	Maximum \$1,000,000	Maximum 30%
A- to BBB+	A2	Maximum \$1,000,000	Maximum 20%
Unrated or below BBB+	Unrated or below A2	Not authorised	Nil
QTC Cash Management Fund		No Limit	No Limit

Council approves dealings with all financial institutions ('Financial Institution' is defined as an authorised deposit-taking institution within the meaning of the *Banking Act 1959 (Cwlth)*, Section 5).

## CERTIFICATION

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.....  
**CHIEF EXECUTIVE OFFICER**  
**BANANA SHIRE COUNCIL**

.....  
**DATE**



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#### 8.1.1.4 PROCUREMENT POLICY 2019/2020

**Date:** 04 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 1831, 84295  
**Letter ID:**  
**Attachment:** Procurement Policy 2019/2020  
**Minute No:** OM004378

---

#### **Resolution:**

*That pursuant to Section 198 of the Local Government Regulation 2012, Council adopts the Procurement Policy 2019/2020 which is attached to and forms part of these minutes.*

***Moved: Cr Semple***

***Seconded: Cr Snell***

***Carried***

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#### **Report**

The *Local Government Regulation 2012* requires that a local government must prepare a procurement policy each financial year. The policy must include details of the principles, including the sound contracting principles that the local government will apply in the financial year for purchasing goods and services.





# PROCUREMENT POLICY

## 2019-2020

### SCOPE

The policy relates to the procurement activities of Council. It must be applied to all procurement of goods and services and the carrying out of works.

### LEGISLATION

*Local Government Act 2009*

*Local Government Regulation 2012*

### OBJECTIVE

The policy provides the requirements for undertaking procurement of items with a value of:

- under \$15,000;
- \$15,000 to under \$200,000; and
- \$200,000 and over.

The policy also provides Council's assessment to be applied in relation to the sound contracting principles.

### DEFINITIONS

#### CEO:

Chief Executive Officer

#### Council:

Banana Shire Council

### POLICY

#### Delegation

Only employees or contractors holding positions that have a delegated authority in the schedule of procurement delegations may undertake procurement activities for Council.

#### Sound Contracting Principles to be applied in Procurement Activities

The following principles must be applied when undertaking Procurement Activities:



**Value for money:**

Harness Council's procurement power to achieve the best value for money. The concept of value for money is not restricted to price alone. The value for money assessment must include consideration of:

- Contribution to the achievement of Council's priorities;
- Fitness for purpose, quality, services and support;
- Whole of life costs including costs of acquiring, operating, maintenance and disposal;
- Availability of supply;
- Internal administration costs;
- Technical compliance and obsolescence issues;
- Risk exposure; and
- The value of any associated environmental benefits.

**Open and Effective Competition**

- Procurement must be open and transparent and result in effective competition in the provision of goods and services. Council must give fair and equitable consideration to all prospective suppliers.

**The Development of Competitive Local Business and Industry**

Council encourages the development of competitive local businesses within the Council area.

In the pursuit of the principle and objective of enhancing capabilities of local business and industry Council will:

- Where practical give local suppliers the opportunity to participate in the procurement activities;
- Provide a procurement evaluation criteria for local business and industry of no less than 5% of the overall criteria and allocate that criteria where the supplier:
  - is beneficially owned by persons who are resident or ratepayers of the Council area; or
  - has its principal place of business in the Council area; or
  - otherwise has a place of business within the Council area which solely or primarily employs persons who are residents or ratepayers of the Council area

When applying the local business and industry criteria the assessment should ensure that all other principles are met by the supplier and that there is no substantial difference in quality, delivery or conditions of the supply.

**Environmental Protection**

Council promotes environmental protection through its procurement procedures.

In undertaking procurement activities Council will:

- promote the procurement of environmentally friendly goods and services that satisfy the sound contracting principles;
- foster the development of products and process of low environmental and climate impact;
- provide an example to business, industry and the community by promoting the use of climatically and environmentally friendly goods and services; and
- encourage environmentally responsible activities.



## **Ethical Behaviour and Fair Dealing**

Employees and contractors undertaking procurement must be impartial and fair, act with integrity and professionalism and promote independence and openness in the procurement activities.

The processes applied by employees and contractors must ensure all procurements decisions are made at arm's length in respect of related parties.

### **Purchase Orders Must Not Be Split**

Multiple orders must not be created to circumvent the delegation limits. Where multiple orders are required due to the nature of the supply the total of all orders must not exceed the delegates limit.

Multiple orders must not be created to circumvent the procurement process. Where multiple orders are required due to the nature of the supply the procurement process used must reflect the total of all orders for that supply.

### **Procurement Requirement for Supplies under the Value of \$15,000 (excluding GST)**

Procurements up to the value of \$5,000 (excluding GST) can be made without the requirement of seeking written or verbal quotes however the sound contracting principles must be applied before making a procurement decision.

Where an employee or contractor undertaking the procurement activity considers that seeking of quotes would be advantageous to meeting the sound contracting principles, written or verbal quotes should be obtained.

Procurements may be made directly from an Approved Contractor List, Register of Pre-Qualified Suppliers or Preferred Supplier Arrangement that have been created by Council. Procurements may also be made using a LGA Arrangement established by Local Buy or by contracting directly with a local government or government agency or under a contract of a local government or a government agency.

Procurements of \$5,000 but less than \$15,000 (excluding GST) can be made by seeking two verbal or written quotes.

Procurements may be made directly from an Approved Contractor List, Register of Pre-Qualified Suppliers or Preferred Supplier Arrangement that have been created by Council. Procurements may also be made using a LGA Arrangement established by Local Buy or by contracting directly with a local government or government agency or under a contract of a local government or a government agency.

### **Procurement Requirement for Supplies with a Value of \$15,000 (excluding GST) and less than \$200,000 (excluding GST)**

The procurement must be undertaken using the Default Contracting Procedure in the Local Government Regulation as set out in the Council's Procurement Procedure.



**Procurement Requirement for Supplies with a Value of \$200,000 and over (excluding GST)**

The procurement must be undertaken using the Default Contracting Procedure in the Local Government Regulation as set out in the Council's Procurement Procedure.

**Payment of Suppliers**

Procurements of up to \$100 (including GST) may be paid by petty cash or credit card (see Credit Card Policy for authorised positions).

Procurements over \$100 and up to \$5000 (including GST) must be paid by credit card or purchase order. (See the Credit Card Policy for accumulative limits for credit card use.)

Procurements of \$5,000 and over (including GST) must be made via purchase order except where the procurement procedure excludes the requirement (e.g. electricity accounts and vehicle registrations).

A purchase order must be raised before the procurement is undertaken unless there is a genuine emergency or otherwise approved by the CEO.

**Management of Suppliers**

The performance of suppliers must be monitored by employees and contractors undertaking procurement activities to ensure that Council is obtaining the maximum benefit under the sound contracting principles.

**PROCEDURE**

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As approved and issued by the Chief Executive Officer and subject to further revision, amendment and issue under the authority of the Chief Executive Officer.

**CERTIFICATION**

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.....  
**CHIEF EXECUTIVE OFFICER**  
**BANANA SHIRE COUNCIL**

.....  
**DATE**



## 8.1.2 2018/2019 STATEMENT OF ESTIMATED FINANCIAL POSITION

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File No:** 84295  
**Letter No:**  
**Attachment:** 2018/2019 Statement of Estimated Financial Position  
**Minute No:**

---

### **Resolution:**

*That pursuant to Section 205 of the Local Government Regulation 2012, the statement of the financial operations and financial position of the Council in respect of the previous financial year (the “Statement of Estimated Financial Position”) be received and its contents noted.*

*Moved: Cr Brennan*

*Seconded: Cr Middleton*

*The above motion was not put to allow clarification on some capital funding.*

---

### **Report**

The *Local Government Regulation 2012* requires that the Chief Executive Officer present to the annual Budget Meeting a statement of estimated financial position stating the financial operations and financial position of the Council for the previous financial year.

As the 2018/2019 financial statements will not be finalised until September 2019, this report has been compiled using the financial information currently available.

The attached reports detail Council’s financial position in respect of its Statement of Comprehensive Income, Statement of Financial Position (Balance Sheet), Statement of Cash Flows and Statement of Changes in Equity as forecast at this point in time. This forecast predicts an overall operating deficit of \$2,476,356 compared to an amended budgeted deficit of \$2,265,432.

Council has completed the following major capital projects in 2018/19:

- Jambin-Dakenba Callide Creek Bridge - \$2,758,000
- Theodore Moura Road Low Cost Seals (two projects) - \$1,922,000
- Taroom Sewerage Pump Station Upgrade - \$849,000
- Biloela 25m Pool – Disability Ramp and Grandstand - \$550,000
- Deearne Road Taroom Gravel Resheet - \$502,000
- Callide Street Biloela – Decks and Shade Sails - \$358,000
- Saleyards Road Taroom Low Cost Seal - \$349,000
- Yaldwyn Street Taroom Water Mains Replacement - \$313,000
- Ghinghinda Road Taroom Gravel Resheet - \$307,000
- Thangool Aerodrome Fencing Upgrade - \$271,000
- Biloela Skate Park Upgrade - \$248,000

The 2018/19 budget has been prepared using the zero based budgeting approach. This means that in this Statement of Estimated Financial Position the 2018/19 year Council’s end of year accumulated



surplus is zero. The actual surplus or deficit for the 2018/19 financial year will be provided once the Audit is completed.

Council should note that these are preliminary results and will change because of accounting adjustments and final revenue and expenditure amounts. A detailed report of the 2018/2019 financial result will be presented to Council when the financial statements have been completed.

This report is part of the mechanical process and legislative requirements associated with the adoption of Council's Annual Budget and hence, will form part of the Budget papers as tabled.

## **Considerations**

1. **Corporate Plan**  
Corporate Plan Strategy 1.2
2. **Policy and Legal Implications**  
The *Local Government Regulation 2012* Section 205 applies.
3. **Financial and Resource Implications**  
This report forms part of Council's budget process and is the starting point for the compilation of Council's financial statements in accordance with the *Local Government Act 2009*, *Local Government Regulation 2012* and Australian Accounting Standards.
4. **Risk Assessment**  
N/A



### 8.1.3 DIFFERENTIAL GENERAL RATES – CATEGORISATION, DESCRIPTION, IDENTIFICATION MINIMUM GENERAL RATE AND SETTING OF RATES

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:** Township Rating Maps  
**Minute No:** OM004379

---

#### **Resolution:**

- (a) That pursuant to Section 81 of the Local Government Regulation 2012, the categories in to which rateable land is categorised is as per Columns 1 and 2 of the following table, and the description of those categories is as per Column 3 of the following table.***
- (b) That Council delegates to the Chief Executive Officer the power, pursuant to Sections 81 (4) and 81 (5) of the Local Government Regulation 2012, to identify the rating category to which each parcel of rateable land belongs. In undertaking this task, the Chief Executive Officer may have regard to the identification data in Column 4 of the following table.***
- (c) That pursuant to Section 94 of the Local Government Act 2009 and Section 80 of the Local Government Regulation 2012, the differential general rate to be made and levied for each differential general rate category is as per Column 5 of the following table and, pursuant to Section 77 of the Local Government Regulation 2012, the minimum general rate to be made and levied for each differential rate category (excluding properties where the Land Valuation Act, chapter 2, part 2, division 5, subdivision 3, applies) is as per Column 6 of the following table.***



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
1	Biloela Town - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land within the township of Biloela.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	1.5850	\$755.00
2	Biloela Town - Other	Land located within the township of Biloela which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	1.8740	\$755.00
3	Moura Town - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land within the township of Moura.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	4.7260	\$755.00
4	Moura Town - Other	Land located within the township of Moura which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	3.3360	\$755.00
5	Other Towns - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land located within the township of Banana, Baralaba, Callide Dam, Cracow, Dululu, Goovigen, Jambin, Thangool, Theodore and Wowan.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	2.2410	\$755.00
6	Other Towns - Other	Land located within the township of Banana, Baralaba, Callide Dam, Cracow, Dululu, Goovigen, Jambin, Thangool, Theodore and Wowan which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	2.2410	\$755.00
7	Rural Residential	Land used for rural residential purposes other than land in the former Taroom Shire.	Land with land use codes 1 to 10 (inclusive) and as identified by the Chief Executive Officer.	1.9750	\$755.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
8	Rural 1 - \$0 to \$300,000	Land used for rural purposes having a value of not more than \$300,000 other than land in the former Taroom Shire.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.8550	\$755.00
9	Rural 2 - \$300,001 - \$850,000	Land used for rural purposes having a value of \$300,001 to \$850,000 other than land in the former Taroom Shire.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.8250	\$2,600.00
10	Rural 3 - >\$850,000	Land used for rural purposes having a value of more than \$850,000 other than land in the former Taroom Shire.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.7980	\$7,500.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
11	Extractive - Coal	Land which is: - (a) a mining lease issued pursuant to the Mineral Resources Act for the extraction of coal; or (b) used or intended to be used for coal mining or coal mining related activities.	Assessment numbers: <ul style="list-style-type: none"> <li>• 14299-00000-000</li> <li>• 14299-10000-000</li> <li>• 14300-00000-000</li> <li>• 14327-10000-000</li> <li>• 14329-00000-000</li> <li>• 14336-10000-000</li> <li>• 14349-00000-000</li> <li>• 14351-00000-000</li> <li>• 14352-00000-000</li> <li>• 15013-00000-000</li> <li>• 15030-00000-000</li> <li>• 15064-00000-000</li> <li>• 15064-10000-000</li> <li>• 15067-00000-000</li> <li>• 15069-00000-000</li> <li>• 16090-00000-000</li> <li>• 16092-00000-000</li> <li>• 16102-00000-000</li> <li>• 16103-50000-000</li> <li>• 16103-60000-000</li> <li>• 16152-00000-000</li> <li>• 16167-00000-000</li> <li>• 16168-00000-000</li> <li>• 16170-00000-000</li> <li>• 16174-00000-000</li> <li>• 16185-50000-000</li> <li>• 16186-00000-000</li> <li>• 16324-00000-000</li> <li>• 16324-10000-000</li> <li>• 16343-50000-000</li> <li>• 16350-00000-000</li> <li>• 16351-00000-000</li> <li>• 16729-00000-000</li> </ul> and as identified by the Chief Executive Officer.	25.8500	\$37,500.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
12	Large Commercial	Land used for large commercial purposes.	Assessment numbers: <ul style="list-style-type: none"> <li>• 10457-10000-000</li> <li>• 10567-00000-000</li> </ul> and as identified by the Chief Executive Officer.	4.6820	\$18,500.00
13	Industrial	Land used for industrial purposes other than heavy industrial purposes.	Assessment numbers: <ul style="list-style-type: none"> <li>• 12177-90000-000</li> <li>• 12177-91000-000</li> <li>• 12177-92000-000</li> <li>• 12177-93000-000</li> <li>• 12177-94000-000</li> <li>• 12177-95000-000</li> <li>• 15161-00000-000</li> <li>• 15185-00000-000</li> <li>• 16056-20000-000</li> <li>• 16185-30000-000</li> </ul> and as identified by the Chief Executive Officer.	4.0760	\$6,250.00
14	Biloela - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Biloela.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	2.8160	\$1,250.00
15	Moura - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Moura.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	6.0090	\$1,250.00
16	Other Towns - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Banana, Baralaba, Callide Dam, Cracow, Dululu, Goovigen, Jambin, Thangool, Theodore and Wowan.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	4.5830	\$1,250.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
17	Pump sites	Land used for the purposes of pumping water.	Assessment numbers: <ul style="list-style-type: none"> <li>• 14103-10000-000</li> <li>• 15298-10000-000</li> <li>• 15419-00000-000</li> <li>• 16103-80000-000</li> <li>• 16258-00000-000</li> <li>• 16512-80000-000</li> <li>• 16540-00000-000</li> <li>• 21200-10000-000</li> </ul> and as identified by the Chief Executive Officer.	1.1000	\$85.00
18	Other	Land used for: - (a) the purposes of transmitting communications; and (b) all other land not otherwise categorised.	Land with land use code 91 and as identified by the Chief Executive Officer.	5.6460	\$2,500.00
19	Heavy Industrial	Land used for heavy industrial purposes, including power generation.	Assessment numbers: <ul style="list-style-type: none"> <li>• 14348-00000-000</li> <li>• 16103-30000-000</li> <li>• 16103-40000-000</li> </ul> and as identified by the Chief Executive Officer.	24.9000	\$42,500.00
20	Extractive - Other	Land used for mining and extractive industry activities other than: - (a) coal mining and its associated activities; and (b) gas or oil extraction and its associated activities.	Land with land use code 40 and as identified by the Chief Executive Officer.	12.6840	\$12,000.00
21	Taroom Town - Residential	Land used for residential purposes, other than as a multiple dwelling, and vacant land within the township of Taroom.	Land with land use codes 1,2,4,5,6,8,9 or 72 and as identified by the Chief Executive Officer.	2.2910	\$755.00
22	Taroom Town - Other	Land located within the township of Taroom which is not otherwise categorised.	Land with land use codes 10 to 20 (inclusive), 22 to 42 (inclusive), 44 to 48 (inclusive), 50 to 59 (inclusive) and 96 to 99 (inclusive) and as identified by the Chief Executive Officer.	2.2910	\$755.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
23	Taroom - Multiple Dwelling	Land used for multiple dwelling purposes within the township of Taroom.	Land with land use codes 3, 7, 21, 43 and 49 and as identified by the Chief Executive Officer.	4.1760	\$1,250.00
24	Taroom Rural Residential	Land used for rural residential purposes within the area of the former Taroom Shire.	Land with land use codes 1 to 10 (inclusive) and as identified by the Chief Executive Officer.	1.2420	\$755.00
25	Taroom Rural 1 - \$0-\$300,000	Land used for rural purposes within the area of the former Taroom Shire having a value of not more than \$300,000.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.7620	\$755.00
26	Taroom Rural 2 - \$300,001 - \$850,000	Land used for rural purposes within the area of the former Taroom Shire having a value of \$300,001 to \$850,000.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.6050	\$2,600.00
27	Taroom Rural 3 - >\$850,000	Land used for rural purposes within the area of the former Taroom Shire having a value of more than \$850,000.	Land with land use codes 11 to 13 (inclusive), 15, 17 to 20 (inclusive), 22 to 39 (inclusive), 41, 42, 44 to 48 (inclusive), 50 to 90 (inclusive), 92, 93 and 94 and as identified by the Chief Executive Officer.	0.5710	\$6,250.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
28	Petroleum – 0 to 1000 hectares	Land with an area of 1,000 hectares or less, which is: - (a) a petroleum lease issued pursuant to the <i>Petroleum Act 1923</i> or <i>Petroleum (Production and Safety) Act 2004</i> for the extraction of gas; (b) used, or intended to be used, for the extraction, processing or transportation of gas; or (c) used, or intended to be used, for any purpose ancillary to, or associated with, the extraction, processing or transportation of gas, such as water storage or pipelines.	Land with land use code 40 and as identified by the Chief Executive Officer.	96.9780	\$18,500.00
29	Petroleum - 1,001 – 10,000 hectares	Land with an area of 1,001 to 10,000 hectares, which is: - (a) a petroleum lease issued pursuant to the <i>Petroleum Act 1923</i> or <i>Petroleum (Production and Safety) Act 2004</i> for the extraction of gas; (b) used, or intended to be used, for the extraction, processing or transportation of gas; or (c) used, or intended to be used, for any purpose ancillary to, or associated with, the extraction, processing or transportation of gas, such as water storage or pipelines.	Land with land use code 40 and as identified by the Chief Executive Officer.	56.2000	\$36,500.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
30	Petroleum - >10,000 hectares	Land with an area greater than 10,000 hectares, which is: - (a) a petroleum lease issued pursuant to the <i>Petroleum Act 1923</i> or <i>Petroleum (Production and Safety) Act 2004</i> for the extraction of gas; (b) used, or intended to be used, for the extraction, processing or transportation of gas; or (c) used, or intended to be used, for any purpose ancillary to, or associated with, the extraction, processing or transportation of gas, such as water storage or pipelines.	Land with land use code 40 and as identified by the Chief Executive Officer.	53.0900	\$89,000.00
31	Barracks & Quarters - <251	Land used for the provision of long-term accommodation predominately for persons employed in or working in association with a particular industry in less than 251 accommodation rooms, suites and/or caravan sites.	Assessment numbers: • 10287-00000-000 • 12358-00000-000 • 15909-10000-000 and as identified by the Chief Executive Officer.	13.5500	\$15,000.00
32	Barracks & Quarters - >250	Land used for the provision of long-term accommodation predominately for persons employed in or working in association with a particular industry in more than 250 accommodation rooms, suites and/or caravan sites.	Assessment number: • 12548-80000-000 and as identified by the Chief Executive Officer.	7.6950	\$40,000.00
33	Feedlots - <2,001 SCU	Land used for the purposes of a feedlot for cattle with a capacity of less than 2,001 SCU.	As identified by the Chief Executive Officer.	14.0040	\$790.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
34	Feedlots - 2,001 - 5,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity of 2,001 SCU to 5,000 SCU.	As identified by the Chief Executive Officer.	22.9160	\$3,400.00
35	Feedlots - 5,001 - 10,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity of 5,001 SCU to 10,000 SCU.	As identified by the Chief Executive Officer.	35.6480	\$6,750.00
36	Feedlots - 10,001 - 20,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity of 10,001 SCU to 20,000 SCU.	As identified by the Chief Executive Officer.	33.1010	\$15,800.00
37	Feedlots - >20,000 SCU	Land used for the purposes of a feedlot for cattle with a capacity greater than 20,000 SCU.	As identified by the Chief Executive Officer.	31.0640	\$28,750.00
38	Extractive - Quarries 1	Land used for the purpose of conducting an industry which may involve dredging, excavating, quarrying, sluicing or other modes of winning materials from the earth and having a value of not more than \$100,000.	Assessment number: • 15898-10000-000 and as identified by the Chief Executive Officer.	33.8820	\$17,825.00
39	Extractive - Quarries 2	Land used for the purpose of conducting an industry which may involve dredging, excavating, quarrying, sluicing or other modes of winning materials from the earth and having a value of more than \$100,000.	Assessment numbers: • 14030-50000-000 • 15948-21000-000 • 16276-00000-000 • 16287-10000-000 and as identified by the Chief Executive Officer.	17.1700	\$20,375.00
40	Solar Farm - <101 MW capacity	Land used or intended for use, in whole or in part as a Solar Farm / wind generation activity with an output capacity up to or equal to 100 MW.	As identified by the Chief Executive Officer.	0.8560	\$11,000.00
41	Solar Farm - 100 – 200 MW capacity	Land used or intended for use, in whole or in part as a Solar Farm / wind generation activity with an output capacity not lower than 100 MW but equal to or not exceeding 200 MW.	As identified by the Chief Executive Officer.	0.8660	\$14,000.00



Column 1 Category Number	Column 2 Category Name (Section 81)	Column 3 Description (Section 81)	Column 4 Identification (Sections 81(4) and 81(5))	Column 5 Rate in the \$ (Cents in the \$)	Column 6 Minimum Differential General Rate
42	Solar Farm - > 200 MW capacity	Land used or intended for use, in whole or in part as a Solar Farm / wind generation activity with an output capacity exceeding 200 MW.	As identified by the Chief Executive Officer.	0.8760	\$16,500.00
43	Grain bulk storage	Land used for the purpose of grain bulk storage.	Assessment numbers: <ul style="list-style-type: none"> <li>• 12190-00000-000</li> <li>• 13435-00000-000</li> <li>• 14896-00000-000</li> <li>• 16440-00000-000</li> </ul> And as identified by the Chief Executive Officer.	6.2670	\$6,000.00
44	Water facility/storage	Land used for the purposes of water storage, dams, bores or reservoirs.	Land with Land Use Code 95 and as identified by the Chief Executive Officer	5.6440	\$2,600.00



- (d) That pursuant to Section 116 of the Local Government Regulation 2012, the amount of the differential general rate to be levied for the 2019/2020 financial year on the categories of land identified in Column 1 and 2 of the table below, be limited to an amount no more than an amount equal to the amount of general rate levied on that land in the previous financial year increased by the percentage identified in Column 3 of the table below:**

<b>Column 1 Category Number</b>	<b>Column 2 Category Name</b>	<b>Column 3 Percentage increase (i.e. "the cap")</b>
5	Other Towns - Residential	12.50%
7	Rural Residential	10.00%
10	Rural 3- >\$850,000	12.50%
21	Taroom Town - Residential	15.00%
25	Taroom Rural 1 - <\$300,000	15.00%

**Moved: Cr Leo**

**Seconded: Cr Boyce**

**Carried**

### **Summary:**

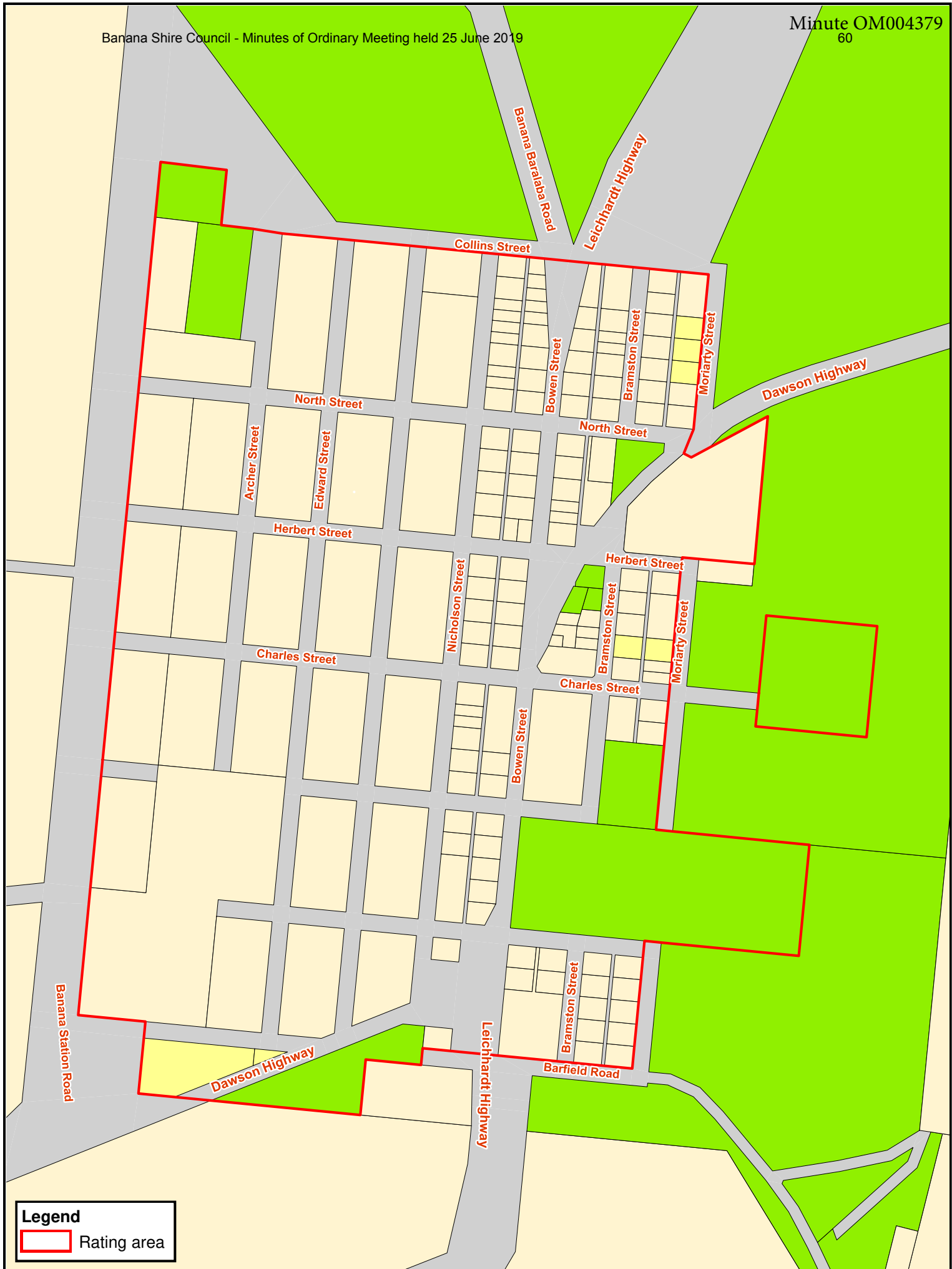
Under Section 81 of the *Local Government Regulation 2012*, before a local government levies differential general rates it must decide the different categories of rateable land in the local government area.

The resolution must state: -

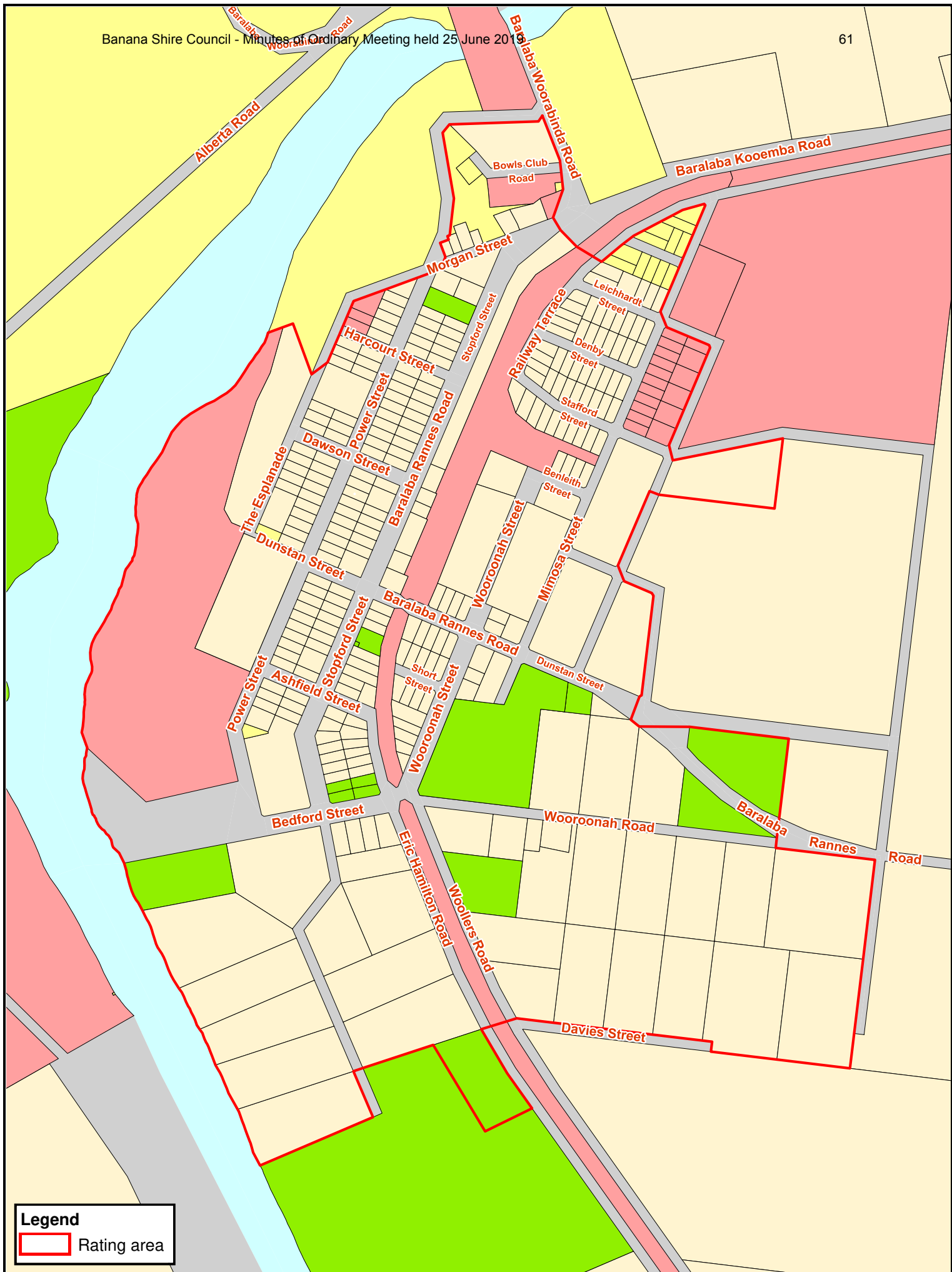
- (a) the rating categories of rateable land in the local government area; and
- (b) a description of each of the rating categories.

After the rating categories and descriptions have been decided, the local government must identify the rating category to which each parcel of rateable land in the local government area belongs. The local government may do so in any way it considers appropriate.







**Legend**

 Rating area

**BARALABA RATING AREA**

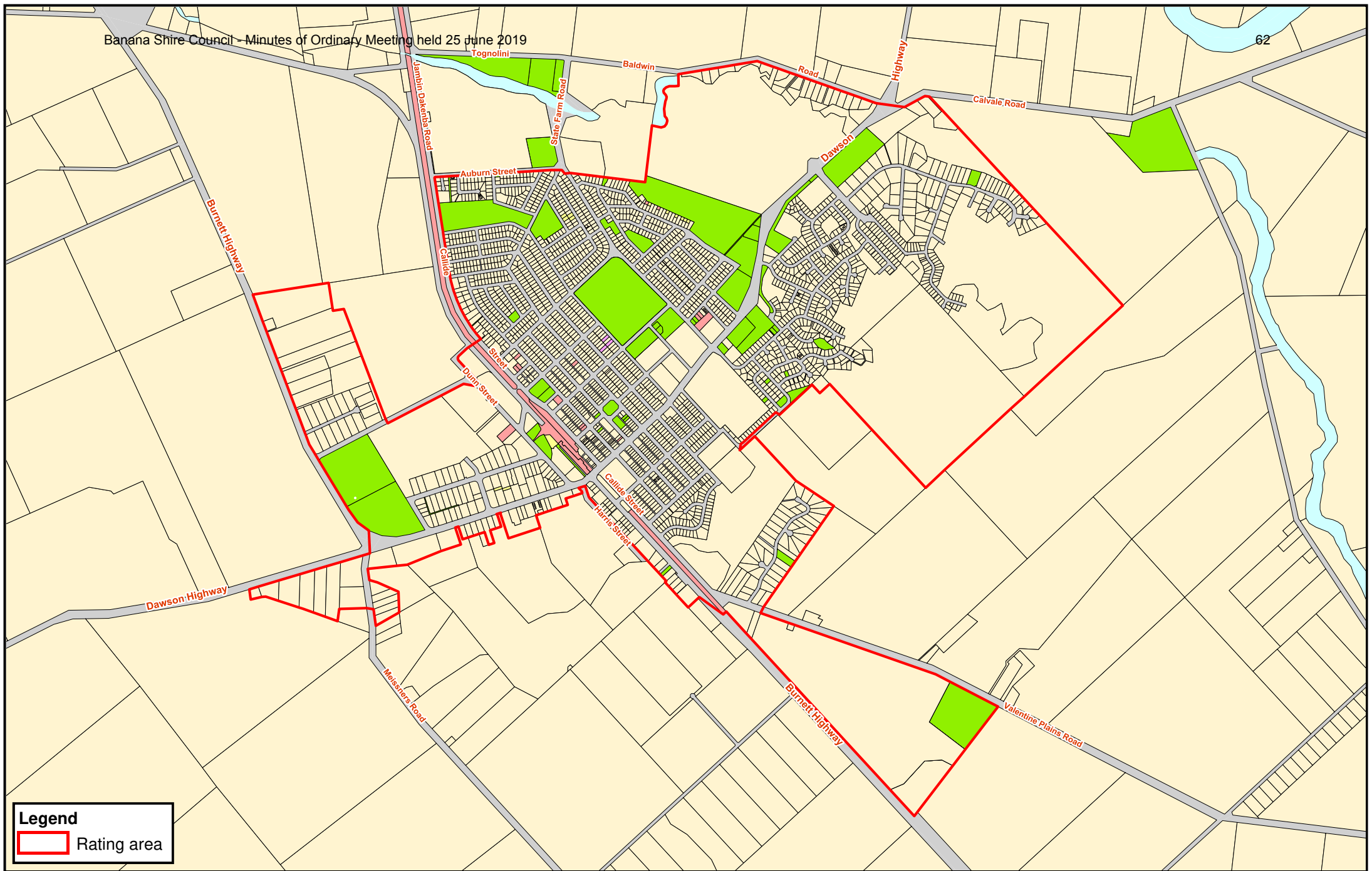
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metres

Scale 1:9500 @ A4





**Legend**

Rating area

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 Horizontal Datum: Geocentric Datum of Australia 1994  
 Grid: Map Grid of Australia, Zone 56



**BILOELA RATING AREA**

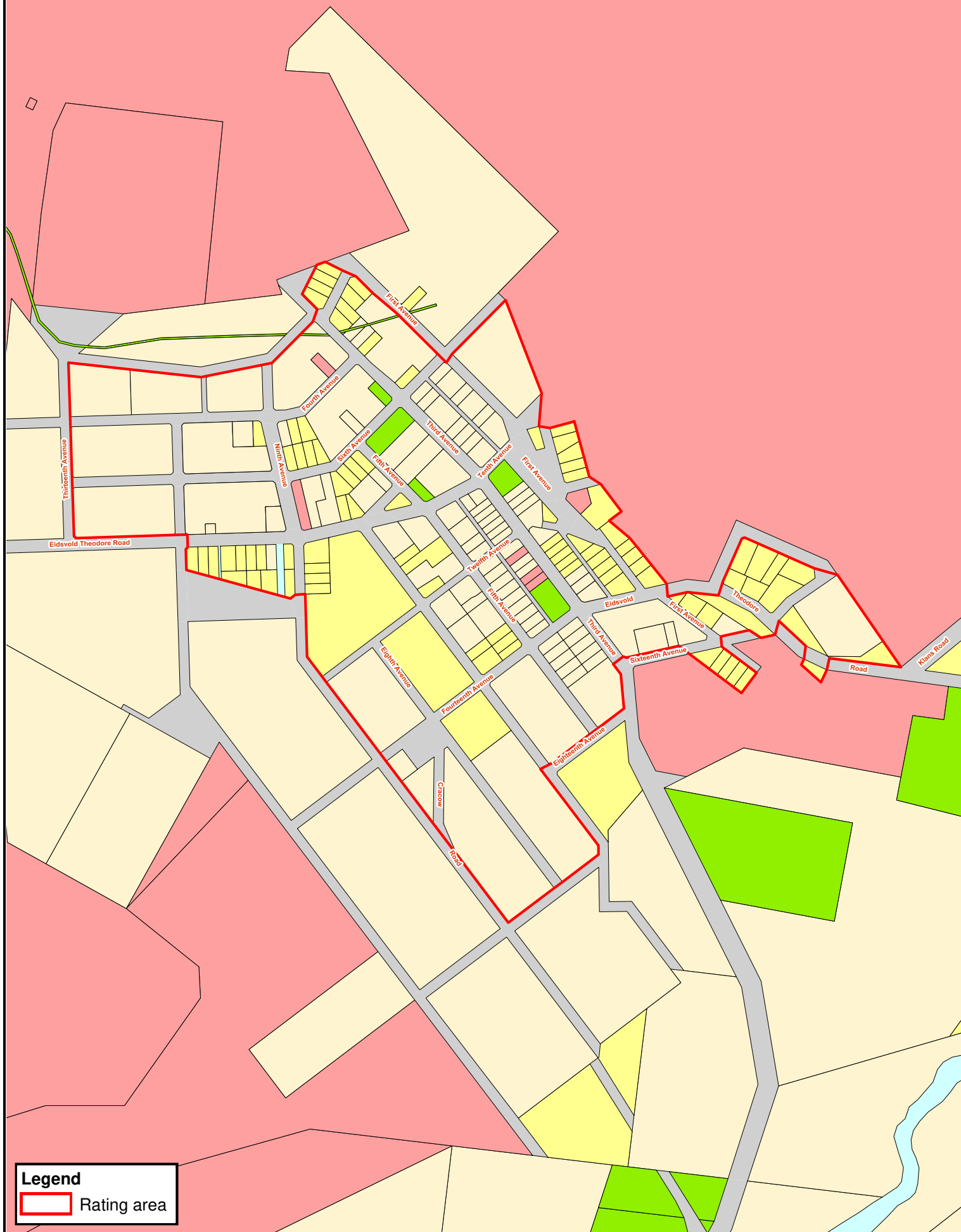
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metres

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### CRACOW RATING AREA

0 300



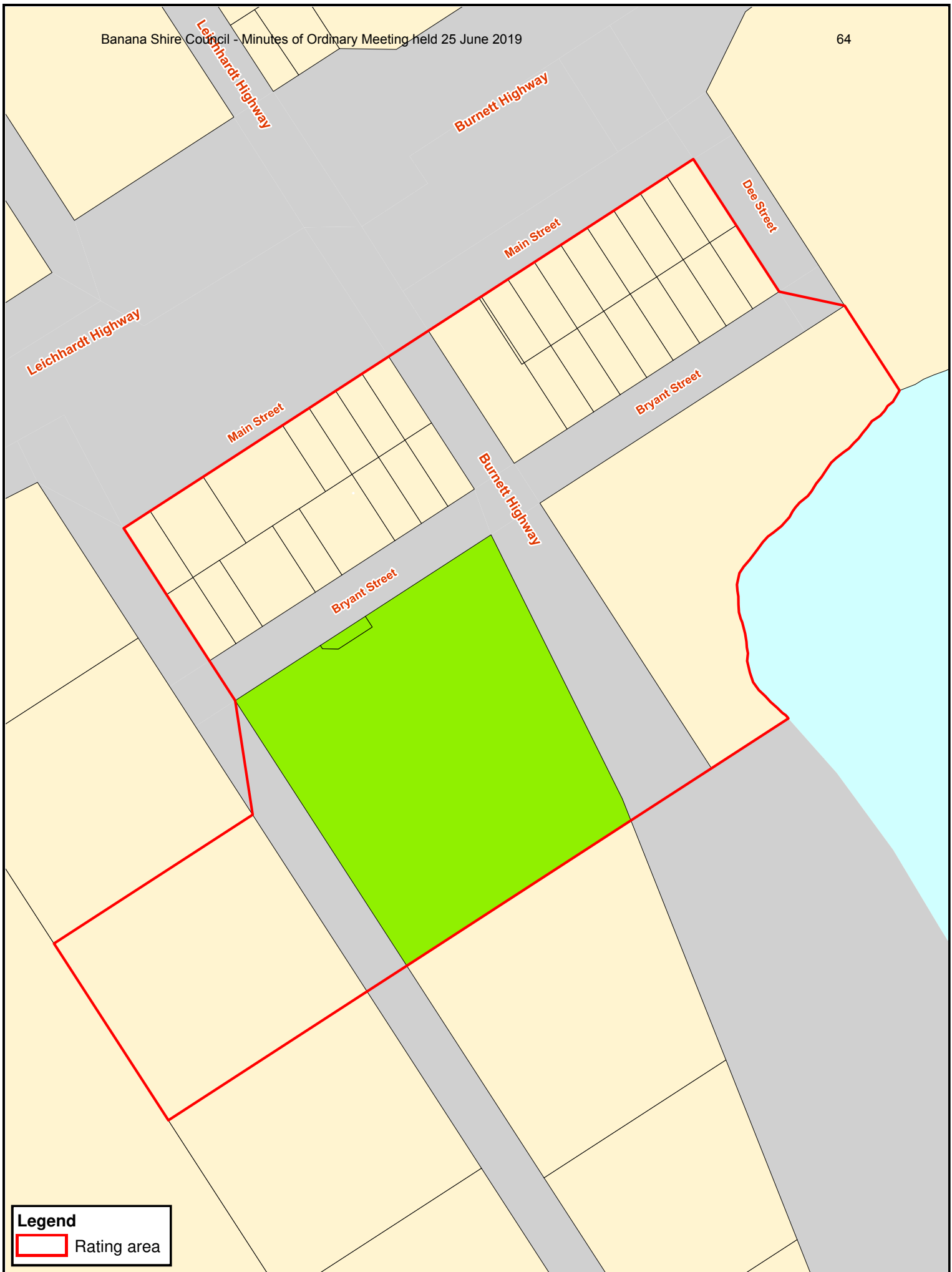
metres

Scale 1:9500 @ A4

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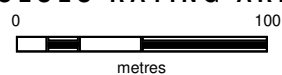




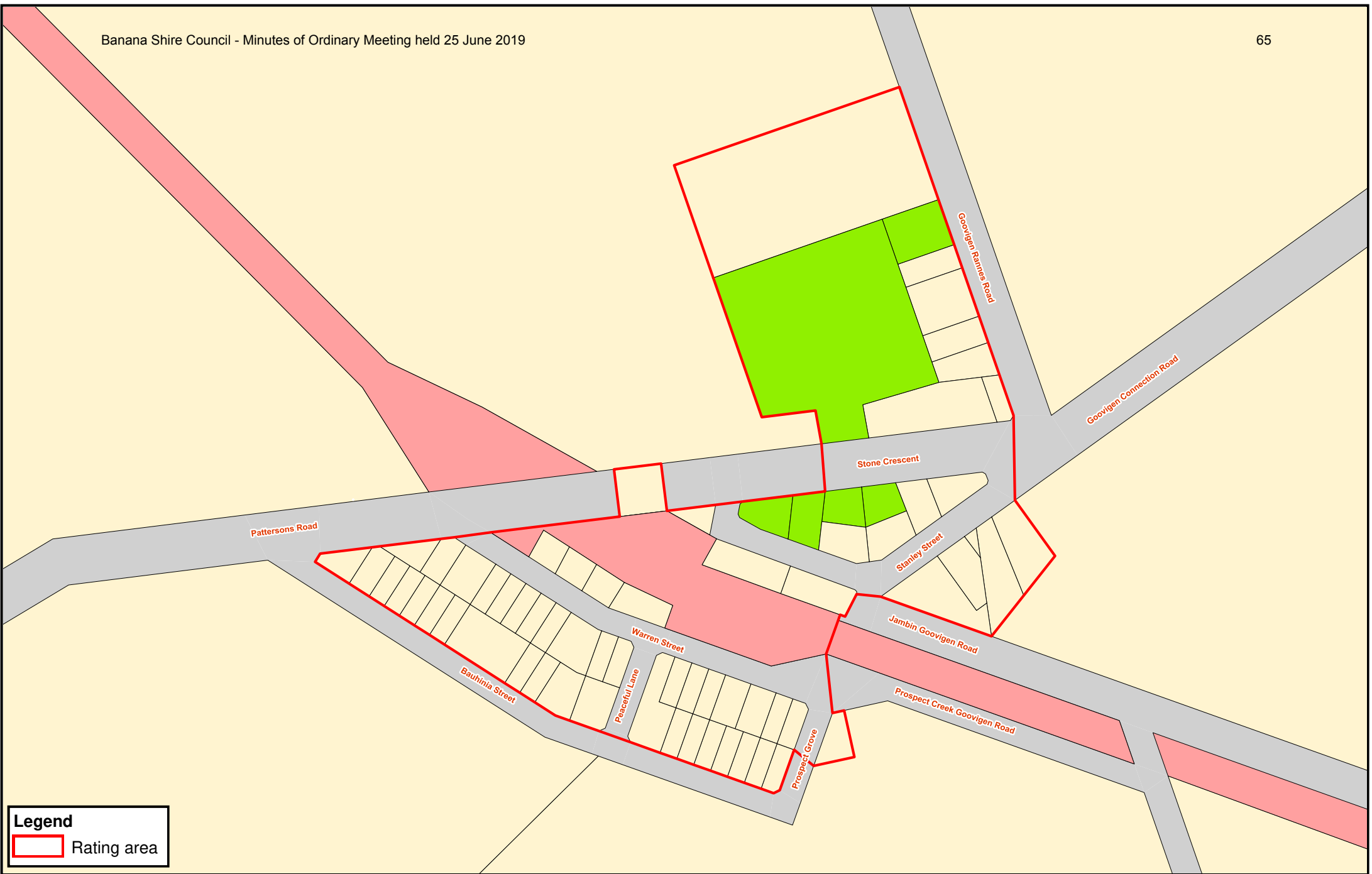
**Legend**  
 Rating area



# DULULU RATING AREA







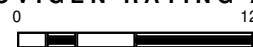
**Legend**  
 Rating area

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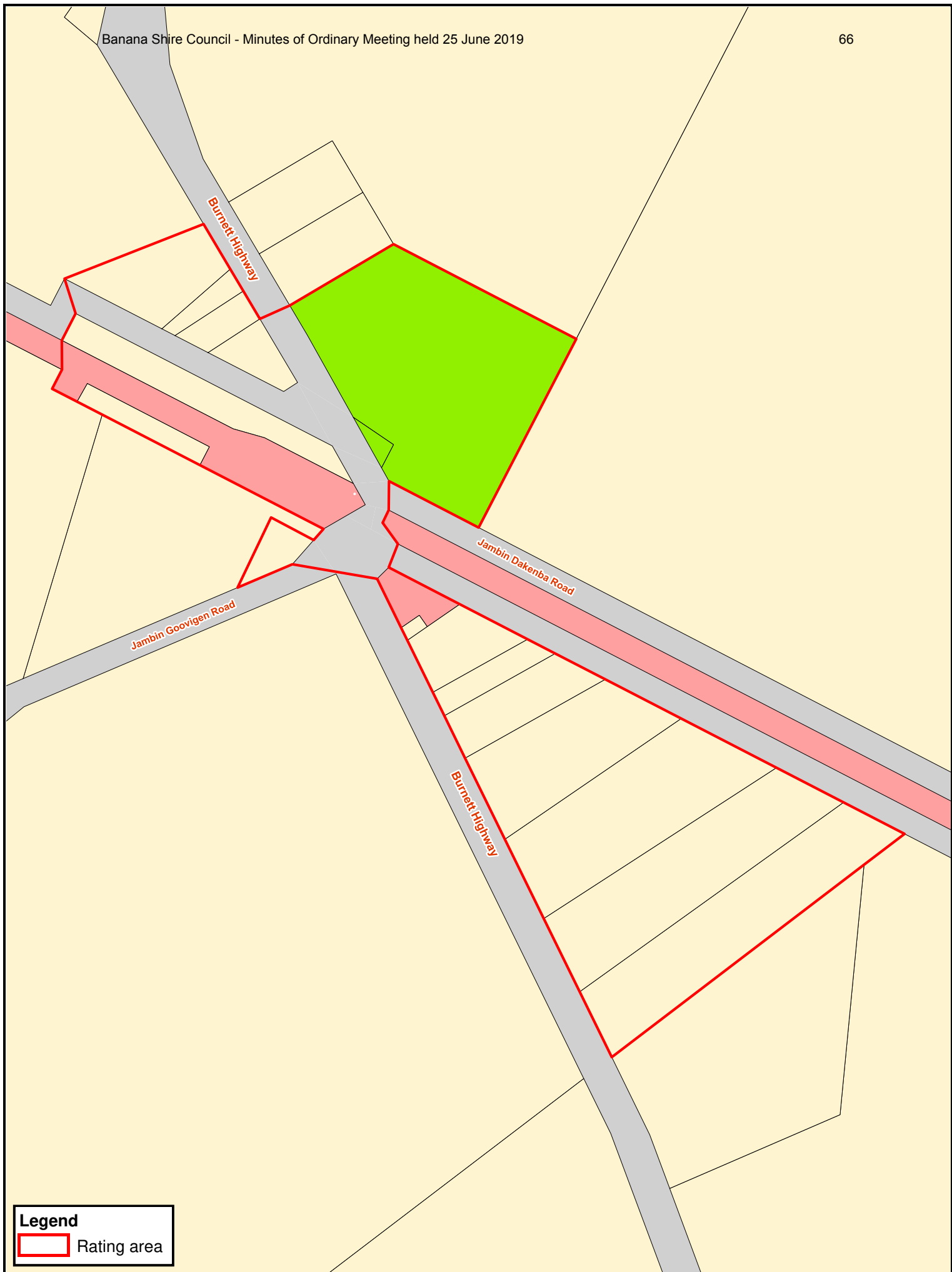
# GOOVIGEN RATING AREA



Scale 1:4000 @ A4

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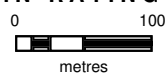




**Legend**  
 Rating area



### JAMBIN RATING AREA

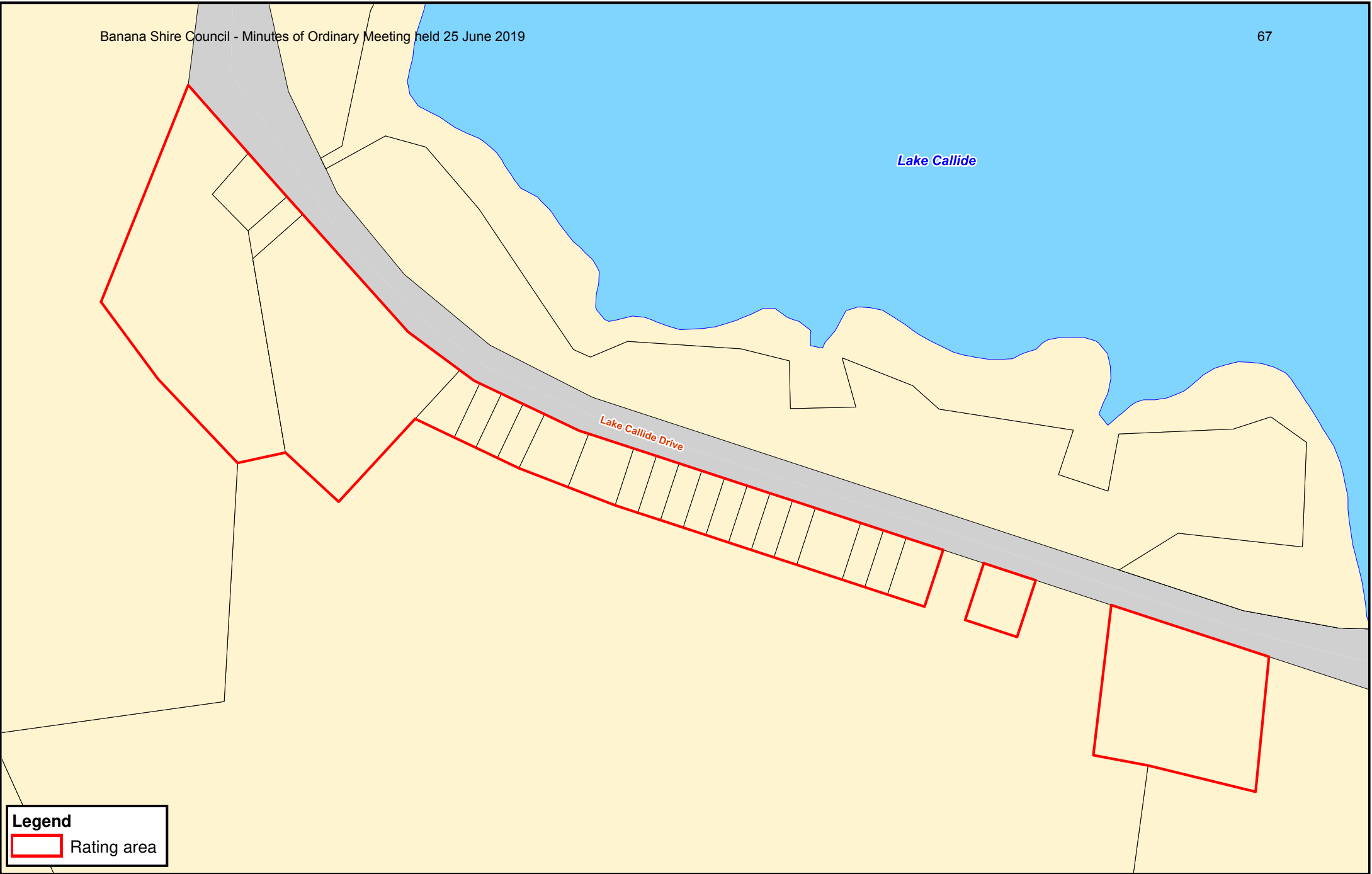


Scale 1:5500 @ A4

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**Legend**

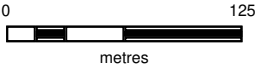
 Rating area

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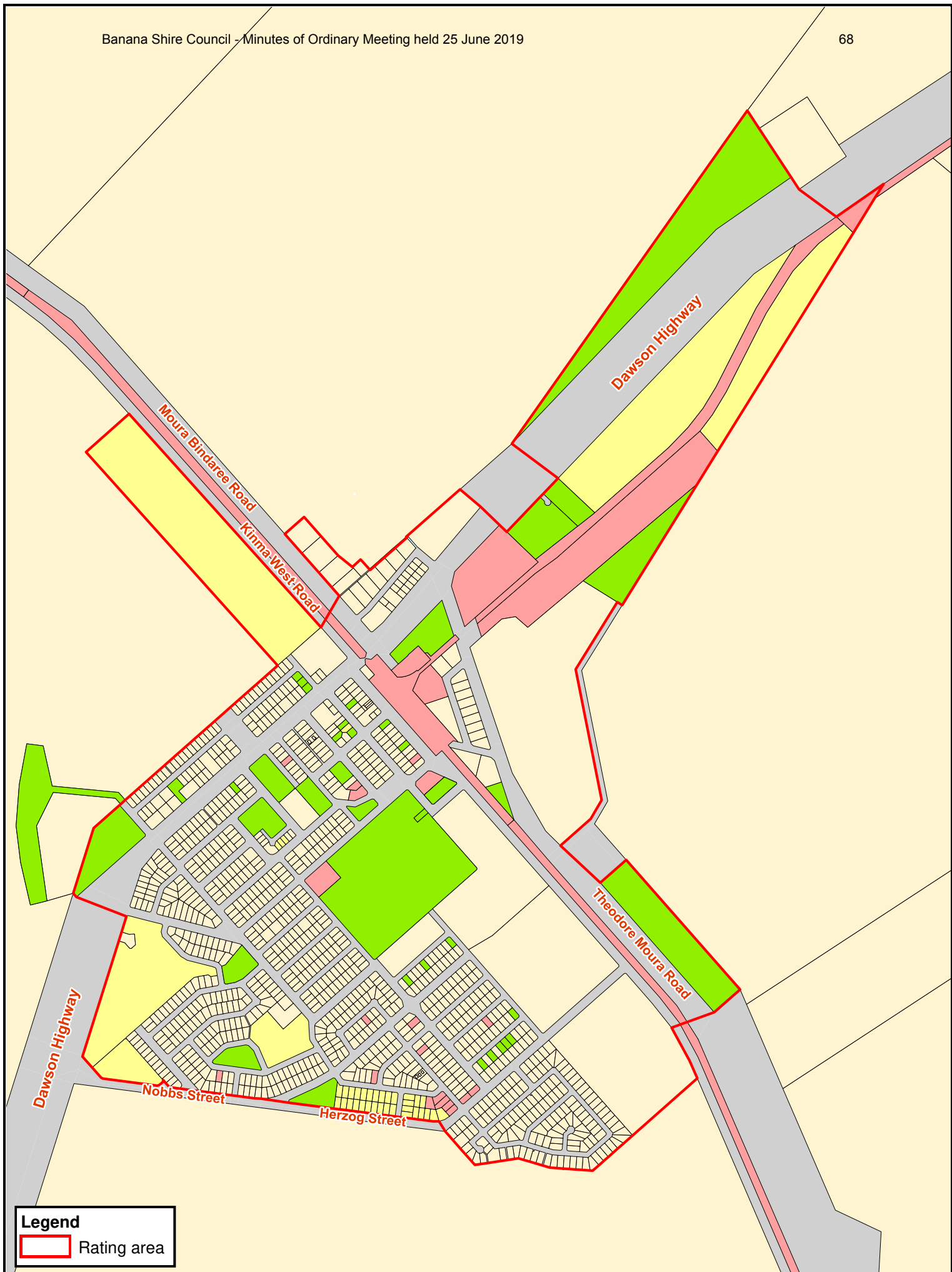
**LAKE CALLIDE RATING AREA**



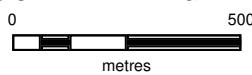
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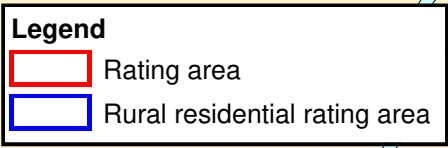


### MOURA RATING AREA



Scale 1:16500 @ A4

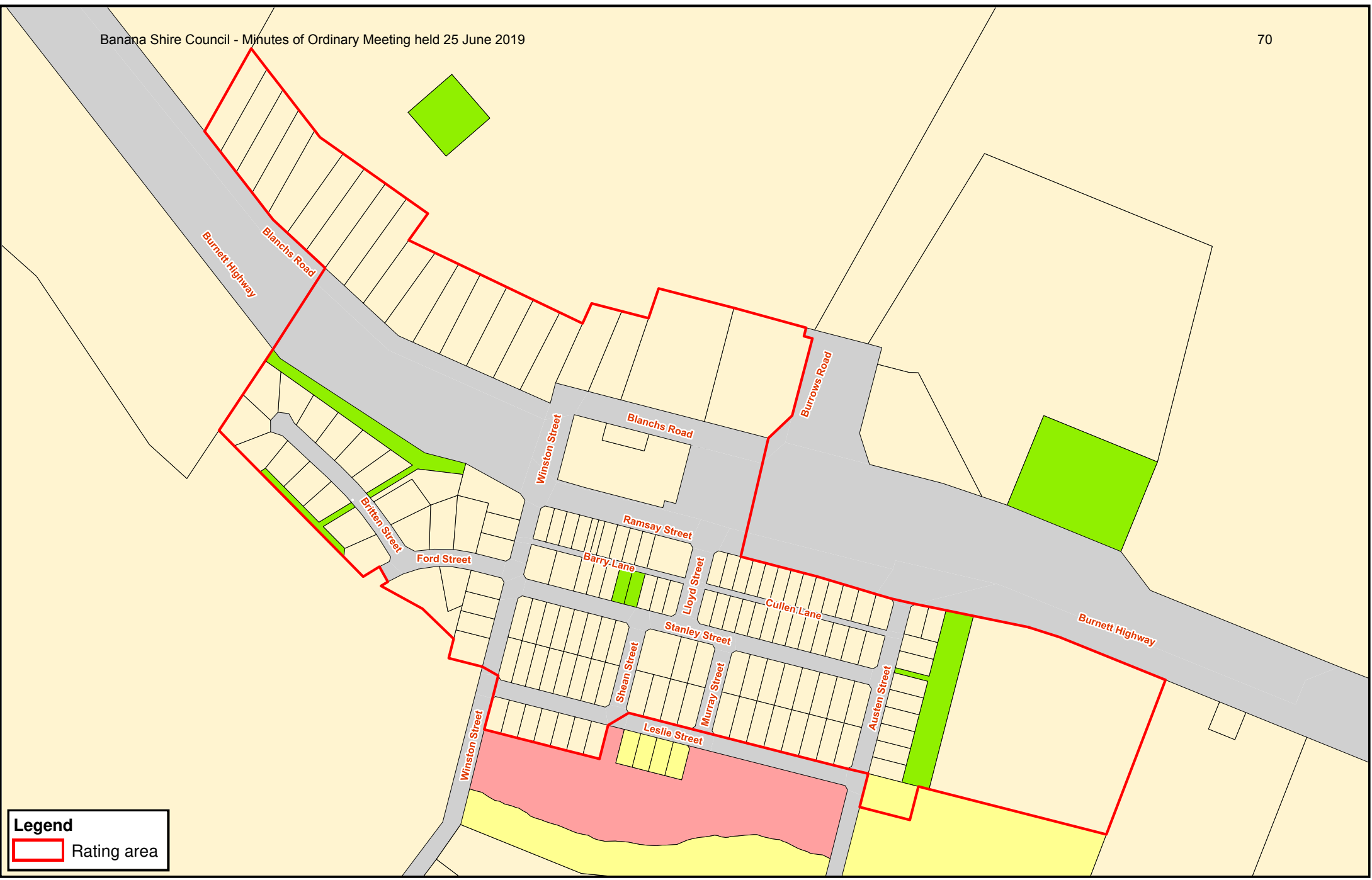




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**Legend**

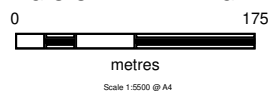
Rating area

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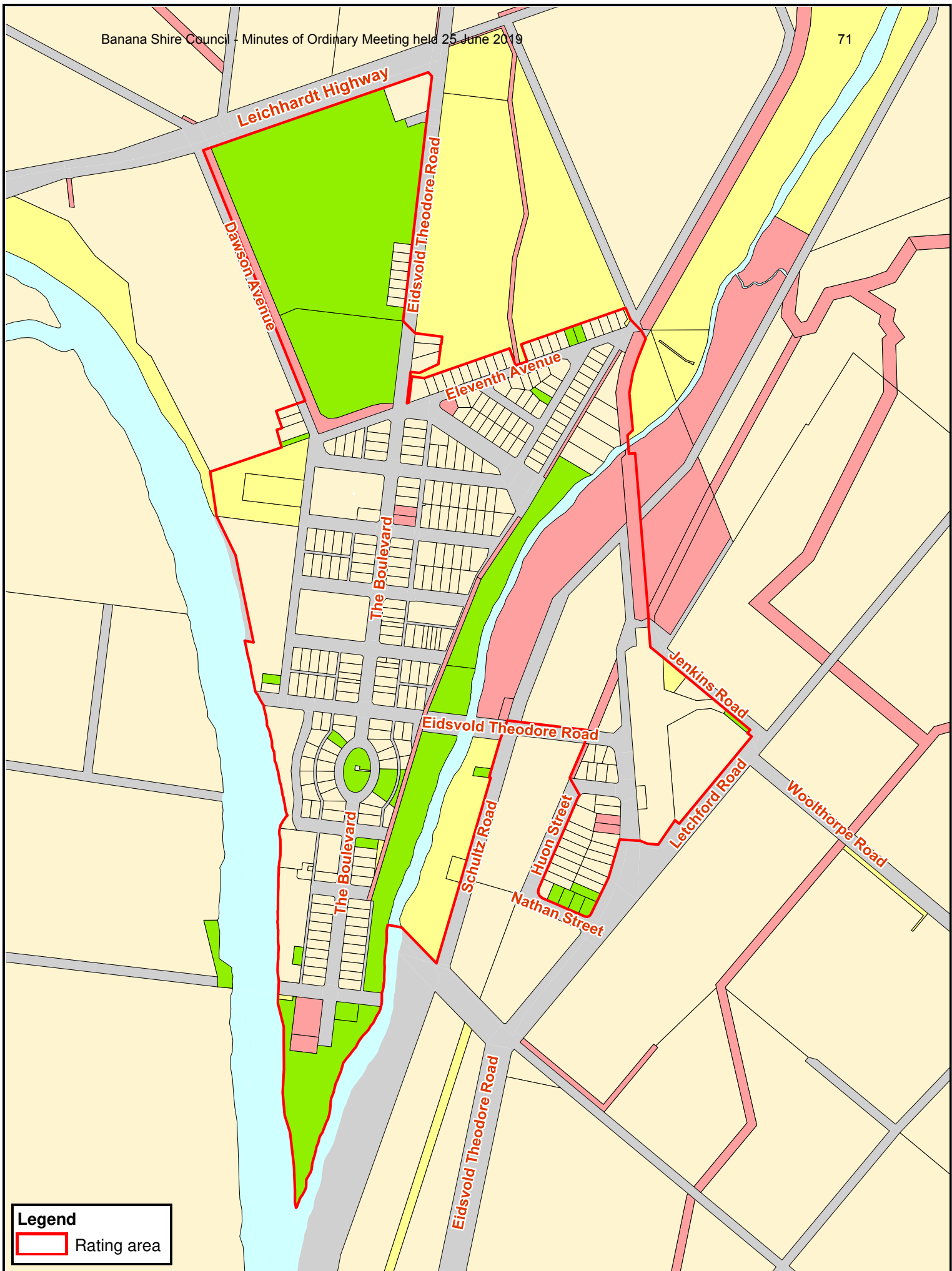
### THANGOOL RATING AREA



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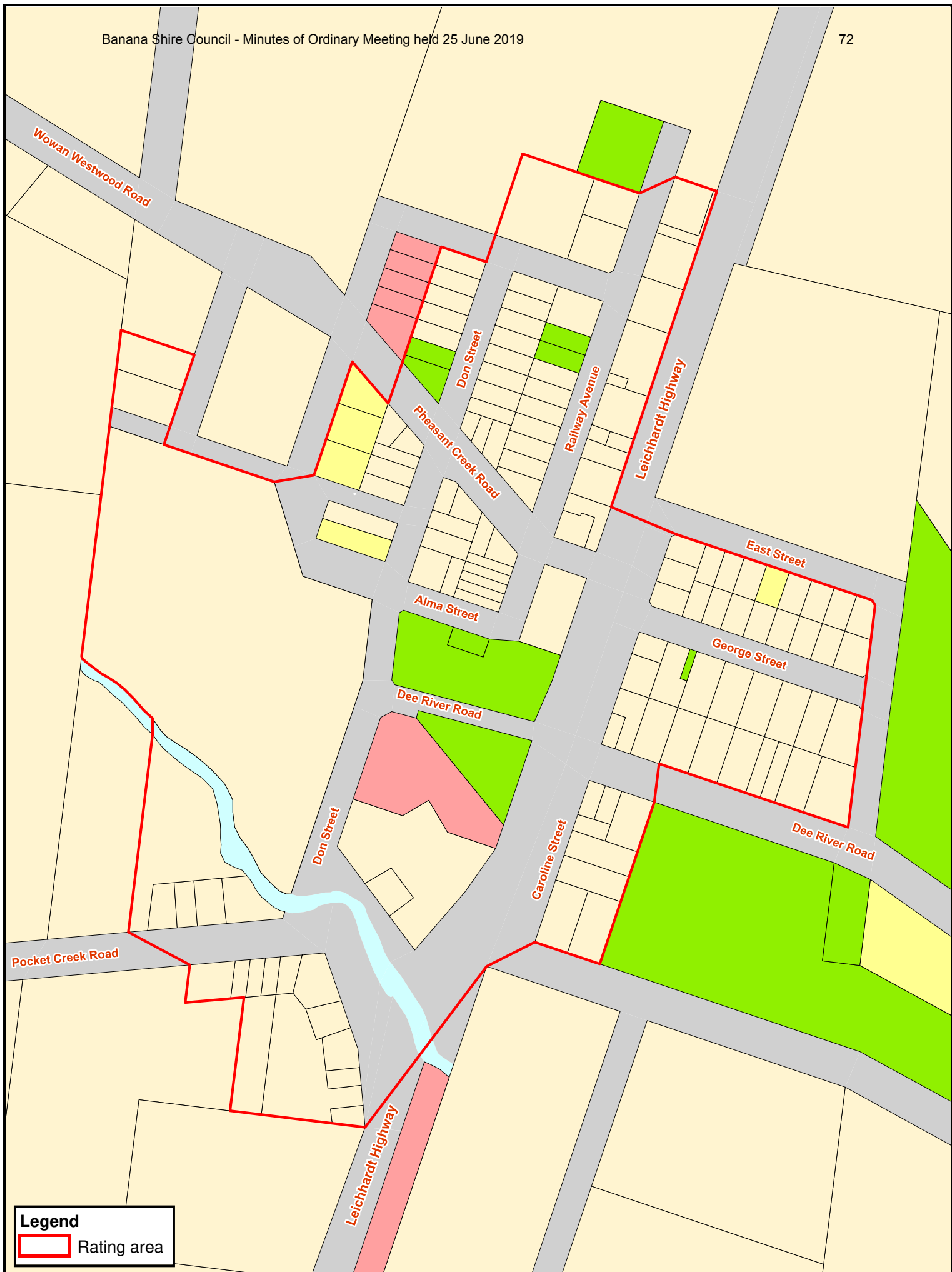
Current as of 30 May 2019





**Legend**  
 Rating area







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#### 8.1.4.1 SPECIAL CHARGES – TAROOM RURAL WATER CONNECTION

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004380

---

##### Resolution:

1. *Pursuant to Section 94 of the Local Government Act 2009 and Section 94 of the Local Government Regulation 2012, Council make and levy a special charge (to be known as the "Taroom Rural Water Connection Special Charge") of \$1,000.00 per rateable assessment, to reimburse to the Council the cost of connecting the lands to be levied to Council's reticulated water supply system for Taroom.*

*The overall plan for the Taroom Rural Water Connection Special Charge was adopted at Council's 2016 budget meeting in the following terms:-*

- a) *The rateable land to which the levy applies is: -*
  - a. *Assessment 21040-36100-001*
  - b. *Assessment 21040-36200-001*
  - c. *Assessment 21040-36600-001*
  - d. *Assessment 21040-10000-001*
  - e. *Assessment 21040-36800-001*
- b) *The service, facility or activity for which the plan is made is the reimbursement to Council of the cost of connecting the land in question, which is located outside of the declared Taroom water service area, to Council's reticulated water supply system for Taroom.*
- c) *The time for implementing the overall plan is 5 years commencing on 1 July 2016.*
- d) *The estimated cost of implementing the overall plan is \$5,000.*

*The rateable land to be levied with the special charge specially benefits from special charge because the owners of the rateable land requested Council to undertake the connection thereby enabling the rateable land to be connected to the Council's reticulated water supply system in circumstances where, without the connection works funded by the special charge, the rateable land would not be entitled to be connected.*

2. *Pursuant to section 94(6) and (7) of the Local Government Regulation 2012 the annual implementation plan for 2019-2020 is the repayment of an annual instalment of \$1,000 per rateable assessment, as previously agreed between Council and the owners of the land to be levied.*

**Moved:** Cr Snell

**Seconded:** Cr Semple

**Carried**

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## **Report**

### **Taroom**

Properties outside the urban water service areas that have obtained water connections to their residences under a signed contract with Council and are declared a benefited area for the purpose of recovery of the contract amount by the levy of a special rate.



### 8.1.4.2 SPECIAL CHARGES – RURAL FIRE BRIGADE LEVIES

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295, 9136  
**Letter ID:**  
**Attachment:** Rural Fire Brigade Maps  
**Minute No:** OM004381

---

#### **Resolution:**

##### **Special Charge – 2019/20 Dululu Rural Fire Brigade Levy**

*Pursuant to Section 94 of the Local Government Act 2009 and Section 94 of the Local Government Regulation 2012, Council make and levy a special charge (to be known as the "Dululu Rural Fire Brigade Levy") of \$25.00 on all rateable land within the Dululu Rural Fire Brigade area to fund the ongoing operation and maintenance of the Dululu Rural Fire Brigade.*

*The overall plan for the Dululu Rural Fire Brigade Levy is as follows:-*

- a) The rateable land to which the levy applies is all land located in the Dululu Rural Fire Brigade area as delineated on the attached map.*
- b) The service, facility or activity for which the plan is made is the ongoing operation and maintenance of the Dululu Rural Fire Brigade, which provides fire-fighting services to an area which is not serviced by an urban fire brigade.*
- c) The time for implementing the overall plan is 1 year.*
- d) The estimated cost of implementing the overall plan is \$2,740.*

*The rateable land to be levied with the special charge specially benefits from the operation of the Dululu Rural Fire Brigade because it would not be otherwise serviced by fire-fighting services without Council providing on-going funding for the service.*

##### **Special Charge – 2019/20 Willawa Rural Fire Brigade Levy**

*Pursuant to Section 94 of the Local Government Act and Section 94 of the Local Government Regulation 2012, Council make and levy a special charge (to be known as the "Willawa Rural Fire Brigade Levy") of \$30.00 on all rateable land within the Willawa Rural Fire Brigade area to fund the ongoing operation and maintenance of the Willawa Rural Fire Brigade.*

*The overall plan for the Willawa Rural Fire Brigade Levy is as follows:-*

- a) The rateable land to which the levy applies is all land located in the Willawa Rural Fire Brigade area as delineated on the attached map.*
- b) The service, facility or activity for which the plan is made is the ongoing operation and maintenance of the Willawa Rural Fire Brigade, which provides fire-fighting services to an area which is not serviced by an urban fire brigade.*
- c) The time for implementing the overall plan is 1 year.*
- d) The estimated cost of implementing the overall plan is \$1,300.*



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*The rateable land to be levied with the special charge specially benefits from the operation of the Willawa Rural Fire Brigade because it would not be otherwise serviced by fire-fighting services without Council providing on-going funding for the service.*

**Moved: Cr Leo**

**Seconded: Cr Boyce**

**Carried**

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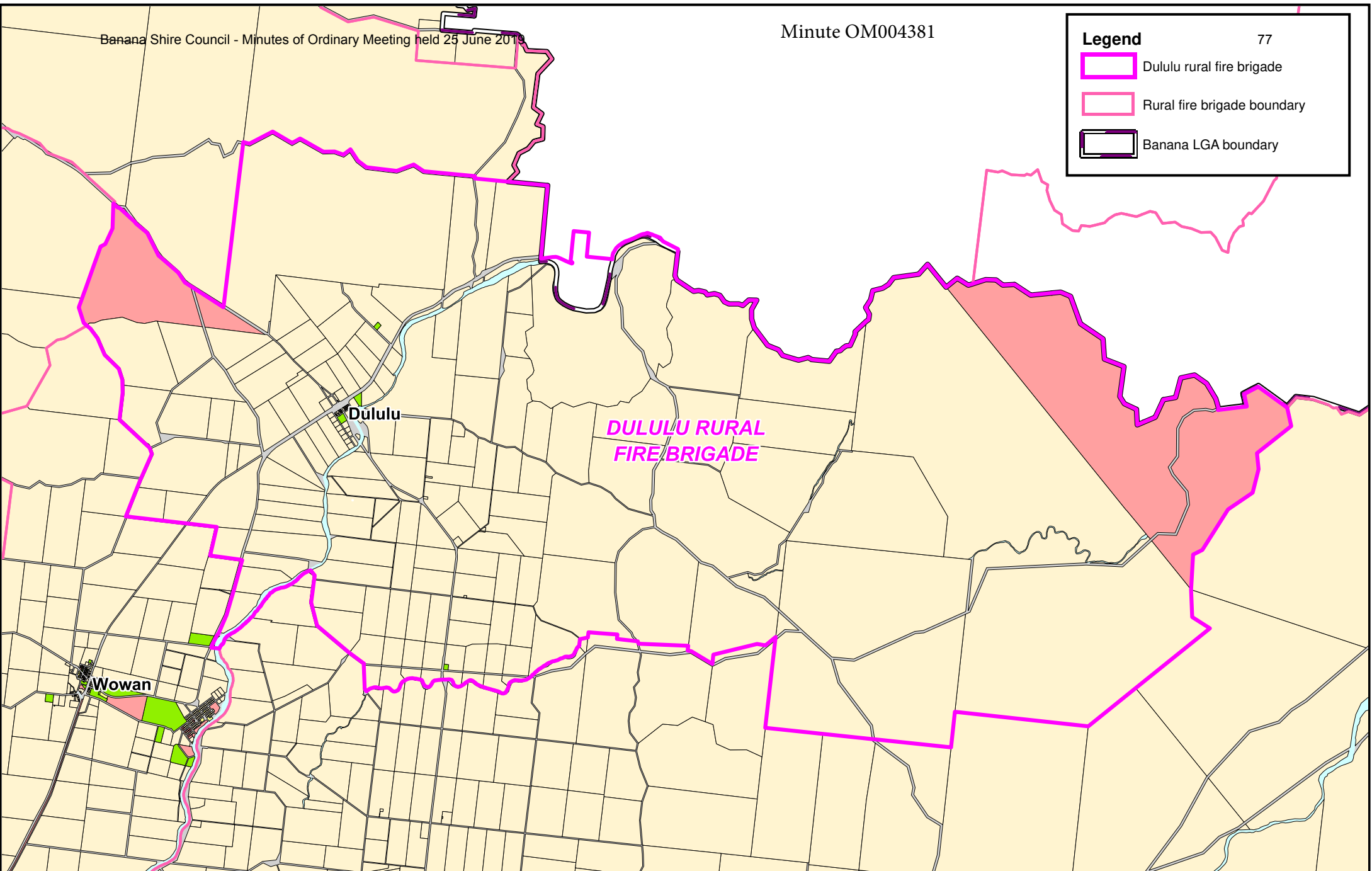
**Legend**

Dululu rural fire brigade

Rural fire brigade boundary

Banana LGA boundary

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Map Projection: Universal Transverse Mercator  
Horizontal Datum: Geocentric Datum of Australia 1994  
Grid: Map Grid of Australia, Zone 56



DULULU RURAL FIRE BRIGADE



Scale 1:123000 @ A4



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Current as of 17 June 2019



# Legend

Banana Shire Council - Minutes of Ordinary Meeting held 25 June 2019

-  Willawa rural fire brigade
-  Rural fire brigade boundary

Moura

WILLAWA RURAL  
FIRE-BRIGADE

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WILLAWA RURAL FIRE BRIGADE



kilometres

Scale 1:165000 @ A4

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Current as of 17 June 2019



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### 8.1.5 SEPARATE CHARGE – ENVIRONMENTAL LEVY

**Date:** 04 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004382

---

#### **Resolution:**

*That pursuant to Section 94 of the Local Government Act 2009 and Section 103 of the Local Government Regulation 2012, Council make and levy a separate charge, (to be known as the “Environmental Levy”), in the sum of \$106.00 per rateable assessment, to be levied equally on all rateable land in the region for the purposes of defraying the cost of Council’s Shire Wide Waste Strategy.*

***Moved: Cr Brennan***

***Seconded: Cr Snell***

***Carried***

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#### **Report**

A separate charge will be made and levied equally on all rateable land within the Shire to assist in defraying the cost of Council’s Shire Wide Waste Strategy (which strategy incorporates the operation of landfill sites throughout the Shire, undertaking consequential environmental initiatives for the purpose of environmental protection, sustainability and conservation and investigating the introduction of a recycling program).



### 8.1.6 WASTE COLLECTION (MOBILE GARBAGE BIN) UTILITY CHARGE

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004383

#### **Resolution:**

*That pursuant to Section 94 of the Local Government Act 2009 and Section 99 of the Local Government Regulation 2012, Council make and levy a Waste Collection (Mobile Garbage Bin) utility charge, for the supply of waste collection services by the Council, as follows:*

<i>Township</i>	<i>Service Type</i>	<i>Rateable per collection service p.a.</i>	<i>Non-Rateable per collection service p.a.</i>
<i>Banana Baralaba Biloela Callide Dam Dululu Goovigen Jambin Moura Taroom Thangool Theodore Wowan</i>	<i>Residential</i>	<i>\$424.00</i>	<i>\$530.00</i>
	<i>Non-Residential</i>	<i>\$564.40</i>	<i>\$670.40</i>

#### **Where “Residential service” means -**

- *One (1) Waste Collection (Mobile Garbage Bin) charge per single unit dwelling located on the property assessment.*
- *One (1) Waste Collection (Mobile Garbage Bin) charge per unit in a multiple unit dwelling located on the property assessment.*

*and*

#### **“Non-Residential service” means -**

- *All other property assessments (excluding vacant property assessments) are charged a minimum of one (1) Waste Collection (Mobile Garbage Bin) charge, depending on the level of service provided.*

**Moved: Cr Leo**

**Seconded: Cr Snell**

**Carried**



## 8.1.7 SEWERAGE UTILITY CHARGES

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004384

### Resolution:

*That pursuant to Section 94 of the Local Government Act 2009 and Section 99 of the Local Government Regulation 2012, Council make and levy sewerage utility charges, for the supply of sewerage services by the Council, as follows:*

Charge	Charges - Per Connection or Vacant Lot, Per Annum			
	Theodore	Moura	Biloela	Taroom
First WC/Urinal Connection	\$791.60	\$713.76	\$647.26	\$660.20
Additional WC/Urinal Connection	\$593.70	\$535.34	\$485.44	\$495.14
Vacant Allotment of Land	\$395.80	\$356.88	\$323.62	\$330.10

*Moved: Cr Snell*

*Seconded: Cr Boyce*

*Carried*



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#### 8.1.8.1 WATER UTILITY CHARGES – BANANA, BARALABA, BILOELA, CALLIDE DAM, GOOVIGEN, MOURA, TAROOM, THANGOOL, THEODORE, WOWAN

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:** Schedules of Access and Water Consumption Charges for Two-Part Tariff Water Schemes  
**Minute No:** OM004385

---

#### **Resolution:**

- (a) *That pursuant to Section 94 of the Local Government Act 2009 and Section 99 of the Local Government Regulation 2012, Council make and levy water utility access charges and water utility consumption charges, for the supply of water services by the Council to all water areas (excluding the Cracow Water Area and the Baralaba and Taroom Raw Water Schemes), in accordance with the “Schedule of Water Access Charges and Water Consumption Charges for Two-Part Tariff Water Schemes”, which is attached to and forms part of these minutes.*
- (b) *For the purpose of water consumption charges, these will be based on when the water was consumed – i.e.*
- *water consumed from 1 July 2019 to 31 December 2019 will be charged at the rates applicable to 2019/2020 financial year (read in December / January 2020, billed in February 2020), and*
  - *water consumed from 1 January 2020 to 30 June 2020 will be charged at the rates applicable to 2019/2020 financial year (read in June / July 2020, billed in August 2020).*
- (c) *That pursuant to Section 102 (2) of the Local Government Regulation 2012, a water meter is taken to have been read during the period that starts two (2) weeks before, and ends two (2) weeks after, the day on which the meter is actually read.*

**Moved:** Cr Snell

**Seconded:** Cr Brennan

**Carried**

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## Schedule of Water Access Charges and Water Consumption Charges for Two-Part Tariff Water Schemes

<b>WATER ACCESS UNITS</b>		<b>Biloela, Callide Dam, Thangool</b>	<b>Goovigen</b>	<b>Banana</b>	<b>Baralaba</b>	<b>Moura</b>	<b>Theodore</b>	<b>Wowan *</b>
<b>Access Charge per unit</b>		<b>\$750.00</b>	<b>\$692.00</b>	<b>\$786.00</b>	<b>\$819.00</b>	<b>\$786.00</b>	<b>\$786.00</b>	<b>\$534.00</b>
<b>Class</b>	<b>Use</b>							
1	Vacant Land with meter connected	1	1	1	1	1	1	1
2	Vacant Land without meter connected	1	1	1	1	1	1	1
3	Private dwelling	1	1	1	1	1	1	1
4	Flats (per flat)	1	1	1	1	1	1	1
5	Boarding House, Lodging House	0.6	0.5	0.6	0.6	0.5	0.6	0.5
6	Hospital	2	1.5		1.6	2	2	1.5
7	Schools (per 100 students - nearest 100)	30			5.8	6.66	6	
8	Convent	4	4	4	4	4	4	4
9	Halls Association, Lodge Acc, Rooms	2					2	
10	Church	0.5	0.3	1	0.4	0.5	0.4	0.3
11	Picture Theatre	0.4	0.2	0.3	0.3	0.3	0.3	0.2
12	Sawmill	1						
13	Bowling Club	2						
14	Hotel	8			4	4		2
15	Post Office	8	4	16.8	5	8	12.4	2.6
16	Garage, Service Station	0.4	1	1	0.4	1	0.4	0.3
17	C.W.A Rest Room	1.5	1	1.5	1.25	1.5	1.5	1
18	Butchery, Bakery, Hairdressers	0.5	0.3		0.4	1	0.5	0.3
19	Cafe, Restaurant	1.2	1		1.25	1.5	1.5	1
20	Railway Station	2	1		2	1.5	2	1
21	Caravan Park	1.5	1		3	1.5	1.5	1
22	Retail Shop, Office, Bank, Warehouse or bulk store	3	2		2	3	3	2
	(if building is used for more than one of such purposes - for each purpose)	1	1		1	1	1	1
23	Motel (per unit)	0.6	0.5		0.6	0.5	0.6	0.5
24	Any other land, building or other structure whatsoever	0.4	0.3	0.4	0.4	0.4	0.4	0.3
25	Dry Cleaners & Laundry Service	1	1	1	1	1	1	1
26	Blue Nurses Depot	13.34						
27	Moura Services Club	0.4						
28	Theodore Bowls Club					5		
29	Retail Outlet 50 sq metres or greater						1	
30	As determined by Council resolution specific to the site							

<b>CONSUMPTION LIMITS AND CHARGES</b>								
	Consumption Tier 1 Limits (KL)	0-400	0-400	0-400	0-600	0-600	0-600	0-600
	Consumption Tier 2 Limits (KL)	>400	>400	>400	>600	>600	>600	>600
	Consumption Tier 1 Charge (\$ per KL)	1.85	2.46	1.85	2.38	1.85	2.04	1.92
	Consumption Tier 2 Charge (\$ per KL)	2.23	2.64	2.18	2.64	2.18	2.38	2.24

\*Note: Due to water quality constraints and cost of additional treatment, Wowan is a non-potable water supply.



**Schedule of Water Access Charges and Water Consumption Charges for Two-Part Tariff Water Schemes - Taroom 2019-2020**

<b>WATER ACCESS UNITS</b>	<b>Access Charge Per Unit = \$574.00</b>
<b>Class</b>	<b>Units</b>
Vacant Land with connection within the water service area	1
Vacant Land with water connection outside the water service area	1
Residence, Single Unit Dwelling	1
Dwelling with minor flat (Granny Flat)	1.5
Flats, Duplex, Multi Unit Residential Units	0.75 per flat/residential unit
Dwelling plus business on same allotment	1 plus applicable business charge/s
Boarding Houses, Quarters 1-10 guests	1.5
Boarding Houses, Quarters >10 guests	1.5 Plus 1 unit for each additional 5 guests
Butchers, Bakers, Hairdressers	1.5
Caravan parks 0-10 sites	2
Caravan park >10 sites	2 Plus 1 unit for each additional 5 sites
Churches, Church Halls, CWA Halls	1
Doctors Surgery, Ambulance, Outpatients Centre	1
Golf clubs, Bowls clubs	2
Hospital, Aged Persons Home	2.5
Hotels	3
Motels, Cabins 1-10 units	2
Motels, Cabins >10 units	2 plus 1 units for each additional 5 motel units
Offices, Banks, Libraries, Pharmacy, Post Office	1
Council Office	1.5
Polocrosse Grounds	1
Public Halls	3
Public parks, Sports fields not mentioned elsewhere, Cemetery	3
Public Swimming Pools	5
Racecourse	1
Restaurants/café	1.5
Retail Outlets under 50 square metres	1
Retail Outlets 50 square metres or greater, Fruit/Grocery Shops, Newsagents, Stock & Station Agencies (including Warehouse)	1.5
Stock Saleyards	3
Sawmills	3
Schools/Kindergartens/Day Care 1-50 students	2
Schools/Kindergartens/Day Care 51-100 students	2.5
Schools/Kindergartens/Day Care >100 students	3
Service Station, Motor Repairs, Tyre Repairs, Engineering Works, Other Industrial Premises	1.5
Showgrounds	5
Tennis Club	1
Other premises not mentioned above	1
Multi Use premises	Total of applicable units
Premises with additional meters	No extra charge or allocation

<b>CONSUMPTION LIMITS AND CHARGES</b>	
Consumption Tier 1 Limits (KL)	0-600
Consumption Tier 2 Limits (KL)	>600
Consumption Tier 1 Charge (\$ per KL)	0.97
Consumption Tier 2 Charge (\$ per KL)	1.64



### 8.1.8.2 WATER UTILITY CHARGES – CRACOW WATER SCHEME

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004386

#### Resolution:

- (a) *That pursuant to Section 94 of the Local Government Act 2009 and Section 99 of the Local Government Regulation 2012, Council make and levy water utility access charges and water utility consumption charges, for the supply of water services by the Council to the Cracow Water Scheme, as follows:*

#### Water Access Charges

Land Use	Access Charge
Vacant Land	\$818.64
Private Dwelling	\$818.64
Hotel	\$818.64
Any other building or other structure at the time the application is made for connection	The access charge will be a multiple of the 'private dwelling access charge' with the applicable multiple to be determined by Council resolution

#### Water Consumption Charges

Water Supply	Consumption Tiers		Consumption Charge
	Tier	Tier Limits (KL)	Tier Charges (per KL)
Cracow	First	0-200	\$1.73
	Second	>200	\$5.29

- (b) *That pursuant to Section 102 (2) of the Local Government Regulation 2012, a water meter is taken to have been read during the period that starts two (2) weeks before, and ends two (2) weeks after, the day on which the meter is actually read.*
- (c) *For the purpose of water usage charges, these will be based on when the water was consumed:*
- *water consumed from 1 July 2019 to 31 December 2019 will be charged at the rates applicable to 2019/2020 financial year (read in December / January 2020, billed in February 2020), and*
  - *water consumed from 1 January 2020 to 30 June 2020 will be charged at the rates applicable to 2019/2020 financial year (read in June / July 2020, billed in August 2020).*

**Moved: Cr Snell**

**Seconded: Cr Middleton**

**Carried**



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### 8.1.8.3 WATER UTILITY CHARGES – BARALABA AND TAROOM RAW WATER

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004387

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#### **Resolution:**

- (a) That pursuant to Section 94 of the Local Government Act 2009 and Section 99 of the Local Government Regulation 2012, Council make and levy water utility consumption charges, for the supply of water services by the Council to the Baralaba and Taroom Raw Water Schemes, as follows:*

<b>Raw Water Supply</b>	<b>Consumption Charge</b>
<b>Baralaba</b>	<b>\$0.44 per kl</b>
<b>Taroom</b>	<b>\$0.39 per kl</b>

- (b) That pursuant to Section 102 (2) of the Local Government Regulation 2012, a water meter is taken to have been read during the period that starts two (2) weeks before, and ends two (2) weeks after, the day on which the meter is actually read.*
- (c) For the purpose of water consumption charges, these will be based on when the water was consumed – i.e.*
- water consumed from 1 July 2019 to 31 December 2019 will be charged at the rates applicable to 2019/2020 financial year (read in December / January 2020, billed in February 2020), and*
  - water consumed from 1 January 2020 to 30 June 2020 will be charged at the rates applicable to 2019/2020 financial year (read in June / July 2020, billed in August 2020).*

**Moved: Cr Snell**

**Seconded: Cr Semple**

**Carried**

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### 8.1.9 INTEREST ON OVERDUE RATES AND CHARGES

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004388

---

#### **Resolution:**

*That pursuant to Section 133 of the Local Government Regulation 2012, compound interest on daily rests at the rate of nine point eight three percent (9.83%) per annum is to be charged on all overdue rates and charges from the first day that such rate or charge becomes overdue (except the Taroom Rural Water Connection Special Charge).*

*Rates and charges become overdue on the day after the due date for payment of the rates and charges stated on the rates notice. Interest will not commence to be charged on any unpaid portion of the Taroom Rural Water Special Charge until 30 June following the levy of the special charge.*

**Moved: Cr Boyce**

**Seconded: Cr Leo**

**Carried**

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#### **Report**

Section 133 of the *Local Government Regulation 2012* has recently been amended on the rate of interest payable on overdue rates or charges.

The rate of interest payable is to be an annual rate of not more than the prescribed rate for the day, decided by the local government. In this section of the *Local Government Regulation 2012* the “prescribed rate” is defined as the rate that is the sum of:

- (a) the bank bill yield rate for the day, rounded to 2 decimal places; and
- (b) 8%.

The “bank bill yield rate” is defined under this section of the *Local Government Regulation 2012* as for a day, means the monthly average yield of 90-day bank accepted bills published by the Reserve Bank of Australia for the month of March in the financial year immediately before the financial year in which the day occurs.

Council have been advised from the Department of Local Government, Racing and Multicultural Affairs that the bank bill yield rate as at March 2019 published by the Reserve Bank of Australia is 1.83%, therefore the maximum rate for Interest rates on overdue rates and charges is 8% plus the bank bill yield rate of 1.83% totalling 9.83%.

The rate of interest has been considered appropriate to ensure that outstanding rates and charges are minimized and that management of rates arrears are kept at a practicable level to ensure the efficient use of Council resources in this area.



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## 8.1.10 DISCOUNT FOR PROMPT PAYMENT OF RATES AND CHARGES

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004389

---

### **Resolution:**

*That pursuant to Section 130 of the Local Government Regulation 2012, the Differential General Rates / Separate charge – Environmental Levy / Waste Collection Utility charges / Sewerage Utility Charges / Water Utility charges made and levied (except Banana, Baralaba, Biloela, Callide Dam, Cracow, Goovigen, Moura, Taroom, Thangool, Theodore, and Wowan water consumption charges, Baralaba and Taroom raw water consumption charges, Rural Fire Levy and State Government Emergency Management Levy and the Taroom Rural Water Connection Special Charge) shall be subject to a discount of 10% if paid within the discount period of 30 days of the date of issue of the rates notice provided that:*

- (a) All of the aforementioned rates and charges are paid within 30 days of the date of issue of the rate notice;*
- (b) All other rates and charges appearing on the rate notice (that are not subject to a discount) are paid within 30 days after the date of issue of the rate notice (including charges for an amount paid for work that was performed by the local government under a remedial notice issued as per Local Government Regulation s130 (5) (d) (ii)); and*
- (c) All other overdue rates and charges relating to the rateable assessment are paid within 30 days of the date of issue of the rates notice.*

**Moved: Cr Leo**

**Seconded: Cr Boyce**

**Carried**

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### 8.1.11.1 RATE CONCESSIONS –WATER & SEWERAGE VACANT LAND CHARGES ON SUBDIVIDED LAND

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004390

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#### **Resolution:**

*That pursuant to Sections 120(1)(h), 121 and 122 of the Local Government Regulation 2012, where a contribution to the cost of providing water and sewerage services on subdivided land has been made, a rebate be granted to the subdivider/developer of 100% of the water and sewerage vacant land charges subject to the following conditions:-*

- 1. The concession is for a period of twelve (12) month from the registration date of the plan;*
- 2. The person who subdivided the parcel is the owner of the land;*
- 3. The land is not developed land;*
- 4. The rate payer applies in writing for the concession; and*
- 5. All applications are submitted to a meeting of Council for ratification.*

**Moved: Cr Snell**

**Seconded: Cr Brennan**

**Carried**

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### 8.1.11.2 RATE CONCESSIONS - NON PROFIT COMMUNITY, RECREATIONAL AND SPORTING GROUPS

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:** Rate Concessions Schedule  
**Minute No:** OM004391

---

#### **Resolution:**

*That pursuant to Sections 120(1)(b)(i), 121 and 122 of the Local Government Regulation 2012, to assist non-profit community, sporting and recreation organisations, a rebate be granted for the 2019/2020 financial year for the classes of rate payers listed in the attached schedule, subject to the general conditions and additional conditions, where applicable, below:*

#### **A. General Conditions**

- 1. The land must be used for the purpose for which the concession applies,*
- 2. Organisations that manage fully licenced premises and/or gambling machines are not eligible for rates and charges concessions,*
- 3. The organisation must be the owner or lessee and the occupier of the land.*

#### **B. Additional Conditions (where applicable)**

*Sporting and Recreation organisations must provide a substantial community benefit as assessed by meeting at least two (2) of the following:*

- 1. The facility is regularly used for junior development.*
- 2. The facility is regularly used by members of the public other than members of the organisation at no charge.*
- 3. The facility is regularly used by members of the public other than members of the organisation and where the organisation must provide 'pay as you play' type activities as it is not possible for free or unrestricted access due to the type of facility.*
- 4. The facility is regularly used by members of the public other than members of the organisation, unrestricted or un-supervised access is not possible due to the type of facility and the organisation facilitates other methods of encouraging community access through open days, come and try, or similar events.*

**Moved: Cr Snell**

**Seconded: Cr Semple**

**Carried**

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## Rate Concessions Schedule

<u>Class</u>	Maximum Charge (Council Rates & Charge)	General	Water Access	Water Consumption	Sewerage	Cleansing	Environment	State Fire Levy	Maximum Rebate
<b><u>Entity whose objects do not include making a profit</u></b>									
• Retirement homes/units-Towns (Biloela, Moura, Taroom, Theodore),	\$165 per person (maximum occupancy)	Rebate of all rates and charges in excess of the maximum charge						No Rebate	Na
• Retirement homes/units-Villages (Baralaba, Thangool, Wowan)	\$125 per person (maximum occupancy)	Rebate of all rates and charges in excess of the maximum charge						No Rebate	Na
• Community owned childcare centres and kindergartens	Na	100%	Nil	Nil	66.66%	66.66%	Nil	No Rebate	Na
• Scouts/Guides association	Na	100%	Nil	Nil	75%	75%	Nil	No Rebate	Na
<b><u>Entity whose objects do not include making a profit – excluding the above</u></b>									
• Organisations that primarily undertake community service activities and rely mainly on volunteer labour	Na	100%	100%	Nil	100%	100%	100%	No Rebate	Na
• Organisation that have considerable paid labour however a substantial community benefit is provided	Na	100%	100%	Nil	100%	100%	100%	No Rebate	Na
• Sporting and Recreation not for profit organisations that undertake sporting or recreation activities for the benefit of juniors only and rely primarily on player fees and community fundraising	Na	100%	100%	Nil	100%	100%	100%	No Rebate	Na
• Sporting and Recreation organisations that undertake	Na	100%	75%	Nil	75%	75%	75%	No Rebate	Maximum \$1,000 per



sporting or recreation activities and do not hold a liquor licence subject to additional conditions									annum per assessment
<ul style="list-style-type: none"> <li>Sporting and Recreation organisations that undertake sporting or recreational activities and hold a restricted liquor licence subject to additional conditions</li> </ul>	Na	100%	50%	Nil	50%	50%	50%	No Rebate	Maximum \$1,000 per annum per assessment
<b><u>Entity that provides assistance or encouragement for arts or cultural development</u></b>									
Organisations that primarily provide assistance or encouragements for arts or cultural development	Na	100%	Nil	Nil	Nil	Nil	Nil	No Rebate	Na



**8.1.11.3 RATE CONCESSIONS - RETIREMENT HOMES/UNITS**

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004392

**Resolution:**

*That pursuant to Sections 120(1)(a), 121, 122 and 123 of the Local Government Regulation 2012, a rebate be granted to Retirement Homes/Units throughout the Shire by Council and the rate charged be a composition amount in respect of rates levied on namely -*

*Biloela Wahroonga Retirement Village & Rainbow Lodge (QHC), QCWA & RSL Units*  
*Baralaba Baralaba Community Aged Care Units*  
*Moura Moura Retirement Village*  
*Taroom Leichhardt Villa*  
*Theodore Theodore Council of the Ageing Units*  
*Wowan Dundee Retirement Units*  
*Thangool QCWA Units*

*and the charges for 2019/2020 be as follows:-*

<i>Location</i>	<i>Amount per Person (maximum occupancy level)</i>
<i>Biloela</i>	<i>\$165.00</i>
<i>Theodore</i>	<i>\$165.00</i>
<i>Moura</i>	<i>\$165.00</i>
<i>Taroom</i>	<i>\$165.00</i>
<i>Wowan</i>	<i>\$125.00</i>
<i>Baralaba</i>	<i>\$125.00</i>
<i>Thangool</i>	<i>\$125.00</i>

**Moved: Cr Middleton**

**Seconded: Cr Snell**

**Carried**



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#### 8.1.11.4 RATE CONCESSIONS - PENSIONER

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004393

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#### **Resolution:**

*That pursuant to Sections 120(1)(a), 121 and 122 of the Local Government Regulation 2012, a rebate be granted on all Council rates and charges (except for the Taroom Rural Water Connection Special Charge) of 20% to a maximum concession of \$310 for the 2019/2020 year who are pensioners and who are eligible for the State Government pensioner remission.*

**Moved:** Cr Middleton

**Seconded:** Cr Snell

**Carried**

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#### **Report**

Under Chapter 4 Part 10 of the *Local Government Regulation 2012* a local government may grant concessions to classes of land owners. Subsection 120 (1) (a) specifies that pensioners are a prescribed class of land owners who may be granted a concession under the Local Government Regulation.

#### **Considerations**

1. **Corporate Plan**  
Corporate Strategy 1
2. **Policy and Legal Implications**  
This resolution is a requirement under Section 122 of the *Local Government Regulation 2012*.
3. **Financial and Resource Implications**  
Budget estimate – 672 assessments x \$310 per year = \$208,320
4. **Risk Assessment**  
Nil risk identified.



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## 8.1.12 RATES AND CHARGES – LEVY AND PAYMENT

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004394

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### **Resolution:**

#### ***That:***

***(a) Pursuant to Section 107 of the Local Government Regulation 2012 and Section 114 of the Fire and Emergency Services Act 1990, Council's rates and charges, and the State Government's Emergency Management, Fire and Rescue Levy be levied:***

- For the half year 1 July 2019 to 31 December 2019 - on 13 August 2019; and***
- For the half year 1 January 2020 to 30 June 2020 - on 11 February 2020.***

***(b) Pursuant to Section 118 of the Local Government Regulation 2012, that Council's rates and charges, and the State Government's Emergency Management, Fire and Rescue Levy, be paid within 34 days of the date of the issue of the rate notice.***

***Moved: Cr Leo***

***Seconded: Cr Semple***

***Carried***

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### 8.1.13 CODE OF COMPETITIVE CONDUCT

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:** Statement of Activities to which the Code of Competitive Conduct applies  
**Minute No:** OM004395

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#### **Resolution:**

***1. That under Section 47 of the Local Government Act 2009 Council hereby resolves to apply the Code of Competitive Conduct for the 2019/2020 financial year to the following business activities:***

- Roads***
- Water***
- Sewerage***
- Plant Operations***

***3. That Council adopt the Statement of Activities to which the Code of Competitive Conduct applies, a copy of which is attached to and forms part of these minutes.***

***Moved: Cr Semple***

***Seconded: Cr Brennan***

***Carried***

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#### **Report:**

Council is required to resolve to apply the Code of Competitive Conduct to its nominated business activities each year.

The appropriate resolution needs to be made for the 2019/20 financial year.



## 2019/2020 BUDGET

### STATEMENT OF ACTIVITIES TO WHICH THE CODE OF COMPETITIVE CONDUCT APPLIES

For the year ended 30<sup>th</sup> June 2020

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The following table summarises the financial results budgeted for business activities to which Council has resolved to apply the Code of Competitive Conduct. This is a summary only. Full information is available for inspection at Council's offices.

	\$
Estimated plant receipts from internal customers	7,701,000
Estimated revenues from services provided to external clients	29,241,610
Community Service Obligations	4,400,000
<b>Estimated total revenues</b>	<b>41,342,610</b>
Estimated expenditures	39,499,118
<b>Estimated surplus/(deficiency)</b>	<b>1,843,492</b>

Details of community service obligations for activities to which NCP reforms will be applied are:

Activity	Description	\$
Plant Operations	Provide plant and machinery under hire arrangements to internal and external customers.	Nil
Roads	Provide road maintenance and construction services to the State Government to assist in maintaining the State road network.	Nil
Water Services	Provide a water allowance for town beautification, parks and gardens and swimming pools.	3,400,000
	Maintenance of two-part tariffs to manage water demand.	
	Provision of quality supply and standards in water supply.	



Sewerage Services	Provide sewerage services to public amenities.	1,000,000
	Treatment of effluent to industry standards and provision of recycled effluent for secondary use.	
<b>Total</b>		<b>4,400,000</b>



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## 8.1.14 BUDGET ADOPTION - 2019/2020

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File ID:** 84295  
**Letter ID:**  
**Attachment:** 1.0 Statement of Comprehensive Income 2019/20 to 2021/22, Statement of Financial Position (Balance Sheet) 2019/20 to 2021/22, Statement of Cash Flows 2019/20 to 2021/22  
2.0 Statement of Changes in Equity 2019/20 to 2021/22  
3.1 Long-Term Financial Forecast 2019/20 to 2028/29  
3.2 Budgeted Statement of Changes in Equity 2019/20 to 2028/29  
3.3 Financial Sustainability Ratios 2019/20 to 2028/29  
4.0 Budgeted Capital Program 2019/20  
5.0 Budgeted Revenue & Expenditure Report  
**Minute No:** OM004396

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### **Resolution:**

*Pursuant to section 107A of the Local Government Act 2009 and sections 169 and 170 of the Local Government Regulation 2012, Council's Budget for the 2019/2020 financial year, incorporating:*

- i. The statements of financial position*
- ii. The statements of cash flow*
- iii. The statements of income and expenditure (comprehensive income statement)*
- iv. The statements of changes in equity*
- v. The long-term financial forecast*
- vi. The revenue statement*
- vii. The revenue policy 2019/2020 (previously adopted by Council resolution)*
- viii. The cost-recovery fees and commercial charges for 2019/2020 (previously adopted by Council resolution)*
- ix. The relevant measures of financial sustainability; and*
- x. The total value of the change, expressed as a percentage, in the rates and utility charges levied for the financial year compared with the rates and utility charges levied in the previous budget*

*as tabled, be adopted.*

**Moved: Cr Middleton**

**Seconded: Cr Brennan**

**Carried**

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### **Report:**

The *Local Government Regulation 2012* requires that Council must adopt a budget on an annual basis before 1 August each year.

As with all budgets there is pressure to find the balance between providing a wide range of vastly different services and facilities to diverse communities throughout the Shire, and to provide those services both fairly and equitably. This budget has been prepared in accordance with the *Queensland Local Government Act 2009*, the *Local Government Regulation 2012* and the Australian Accounting Standards. It is presented as a balanced budget after due consideration for the financial position of the Shire and competing needs for the allocation of resources.



Council's 2019/20 budget has operational revenue of approximately \$61.9 million which is a considerable decrease from Council's 2018/2019 amended budget (\$66.8 million) due to number of factors. This includes:

- A decrease in operational grants and subsidies (down from \$12.5 million in the 2018/19 financial year to \$8.5 million in the 2019/20 financial year. The main reason for this decrease are due to the completion of NDRRA funding of projects for the repair of roads affected by the 2015 and 2016 weather events.
- A decrease in expected contract and recoverable works (down from \$16.4 million in the 2018/19 financial year to \$12.6 million in 2019/20 financial year).

The total 2019/20 gross rates and utility charges will increase by 5.3% when compared with the total gross rates and utility charges levied in the 2018/19 year.

The operational expenditure for the 2019/20 budget is approximately \$63.8 million which has decreased from Council's 2018/2019 amended budget (approximately \$69 million) by \$5.2 million. The key factors in the operational expenses include:

- A decrease in the materials and services of approximately of approximately \$5.9 million from Council's 2018/2019 amended budget. The majority of this decrease is a direct correlation between the decrease in operational revenue and the increase in materials and services. Council expenses are budgeted to decrease as the work involved with weather events in 2015 and 2016 has finalised and the reduction in budgeted contract and recoverable works has decreased.
- Depreciation expense has increased with the major factor being the increase in our roads network depreciation. Council conducted a revaluation of the roads network in the 2018/19 year which indicated an increase in average unit costs of various asset categories in the roads area which has directly increased depreciation in this area.

The operational deficit for the 2019/20 year is approximately \$1.9 million which has significantly decreased from the 2018/19 financial year. The Federal Government have again paid advance payments of the Financial Assistance Grants to Council. The continuing trend of this occurrence has been budgeted to occur in following years. The operational deficit is anticipated to decrease in subsequent years and for Council to return an operating surplus in the 2022/23 financial year. To achieve this budget position, operational expenditure has been slightly reduced from 2019/20 levels for the forward years. Council will also seek to maintain Council's assets at an affordable level while ensuring that the community's needs are met. Council will review and adjust this strategy in line with Council's current financial outlook.

The capital expenditure program for the 2019/20 year is approximately \$25.3 million dollars. Major projects include:

- Moura Raw Water Intake project - \$1,500,000
- Deearne Road Taroom Rural Construction Project - \$1,000,000
- Raedon Street Biloela Sewerage Pump Station - \$900,000
- Biloela Community Resource Centre Extension - \$850,000
- Thangool Urban Drainage Upgrade (Stage 2) - \$698,000
- Jambin Dakenba Road Rehabilitation & Seal project - \$670,000
- Transfer Station Fencing Projects (Various locations) - \$608,000
- Theodore Moura Road Rehabilitation, Widen & Seal project - \$600,000
- Theodore Moura Road Blackspot Funding – Widening, Culvert Project – \$405,000
- Oxtrack Creek Bridge Renewal Defence Road Theodore - \$528,000
- Raedon Street Biloela – Development Project Road Works - \$513,933
- Dunn Street Biloela - Rehabilitation, Widen & Seal Heavy Vehicle Project - \$474,884
- Biloela Water Treatment Plant Clarifier - \$450,000
- Dee River Road Rehabilitation & Seal project - \$425,000
- Thangool Reservoir Pump Station - \$360,000



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This program of capital works is being funded by:

- Grants and subsidies totalling \$7.13 million;
- Funded depreciation of \$17.1 million; and
- Money previously received by Council and identified for use on specific capital projects.

### Financial Sustainability

To ensure Council's ongoing financial sustainability there will be a need for further increases in rate revenue and other own source revenue as well as limiting expenditure. Accordingly, in addition to managing operational expenditure, it is planned over the 10 year long term financial forecast, to reduce the capital program in a sustainable manner.

To achieve this reduction Council will focus on capital works that are aligned with Council's adopted Asset Management plans. However Council recognises that not all works identified in the Asset Management plans can necessarily be funded in any given year. The capital program will prioritise works that align with Council's stated corporate objectives.

This budget has been prepared based on: Council's long-term financial forecast; Asset Management plans; community plans; Corporate and Operational Plans; and Budget Workshops held to date.

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The Mayor thanked all staff involved in putting the 2019/20 budget together.

The Finance Manager left the meeting.





## BANANA SHIRE COUNCIL

### Budgeted Statement of Comprehensive Income

For the periods:-

	2019/2020	2020/2021	2021/2022
	\$	\$	\$
<b>Revenue</b>			
Rates and utility charges (including discounts)	40,148,541	41,026,089	41,923,423
Less Discounts & Pensioner remissions	(3,973,748)	(4,053,221)	(4,134,283)
Net rates and utility charges	36,174,793	36,972,868	37,789,140
Fees and charges	3,372,037	3,439,477	3,508,265
Operating grants, subsidies and contributions	8,881,899	8,481,899	8,481,899
Developer Contributions	-	-	-
Interest revenue	690,400	243,508	246,677
Sales - contract and recoverable works	12,610,000	12,610,000	12,610,000
Other Income	142,525	143,025	143,530
<b>TOTAL OPERATING REVENUES</b>	<b>61,871,654</b>	<b>61,890,777</b>	<b>62,779,511</b>
<b>Expenses</b>			
Employee benefits	10,723,900	10,958,100	11,201,163
Materials and services	34,013,641	33,862,412	33,708,148
Depreciation and Amortisation	18,056,372	17,936,152	18,144,622
Finance Costs	990,436	905,746	815,159
<b>TOTAL OPERATING EXPENDITURE</b>	<b>63,784,349</b>	<b>63,662,410</b>	<b>63,869,092</b>
<b>Operating surplus (deficit)</b>	<b>(1,912,695)</b>	<b>(1,771,633)</b>	<b>(1,089,581)</b>
<b>Capital income:</b>			
Cash capital grants, subsidies and contributions	6,333,948	5,081,948	5,081,948
Other capital income	455,843	400,000	400,000
Other capital expenses	(2,884,841)	(3,099,318)	(2,463,346)
<b>Net result</b>	<b>1,992,255</b>	<b>610,997</b>	<b>1,929,021</b>

Note: The total budgeted increase in the rates and utility charges levied for the 2019-2020 financial year is 5.3% when compared to the rates and utility charges levied in the previous budget.





## BANANA SHIRE COUNCIL

### Budgeted Statement of Financial Position

For the periods:-

	2019/2020	2020/2021	2021/2022
	\$	\$	\$
<b>Current Assets</b>			
Cash and deposits	23,454,978	21,914,097	20,712,976
Investments	5,000,000	5,000,000	5,000,000
Receivables	5,243,106	5,243,106	5,243,106
Inventories	2,741,447	2,741,447	2,741,447
	36,439,531	34,898,650	33,697,529
Non-current assets classified as held for sale	160,000	160,000	160,000
	36,599,531	35,058,650	33,857,529
<b>Non-Current Assets</b>			
Receivables	143,500	143,500	143,500
Property, plant and equipment	677,197,857	678,169,463	679,618,702
Intangible assets	225,386	662,329	662,329
Capital Work in Progress	2,381,387	2,381,387	2,381,387
	679,948,130	681,356,679	682,805,918
<b>TOTAL ASSETS</b>	<b>716,547,661</b>	<b>716,415,329</b>	<b>716,663,447</b>
<b>Current Liabilities</b>			
Trade and other payables	6,208,203	6,257,979	6,309,000
Provisions	2,623,928	2,689,526	2,756,764
Interest bearing liabilities	1,301,016	1,391,602	1,488,496
Other	505,000	505,000	505,000
	10,638,147	10,844,107	11,059,260
<b>Non-Current Liabilities</b>			
Provisions	28,542,085	28,084,398	27,676,838
Interest bearing liabilities	4,064,098	3,572,496	1,184,000
Other			
	32,606,183	31,656,894	28,860,838
<b>TOTAL LIABILITIES</b>	<b>43,244,330</b>	<b>42,501,001</b>	<b>39,920,098</b>
<b>NET COMMUNITY ASSETS</b>	<b>673,303,331</b>	<b>673,914,328</b>	<b>676,743,349</b>
<b>Community Equity</b>			
Investment in Capital Assets	193,355,173	194,736,483	197,586,012
Asset revaluation reserve	463,642,371	463,642,371	463,642,371
Restricted Capital reserves	12,067,694	10,497,381	3,125,789
Other Capital reserves	152,337	952,337	7,403,421
Recurrent reserves	4,085,756	4,085,756	4,085,756
Accumulated Surplus/(Deficiency)	-	-	-
<b>TOTAL COMMUNITY EQUITY</b>	<b>673,303,331</b>	<b>673,914,328</b>	<b>675,843,349</b>





## BANANA SHIRE COUNCIL

### Budgeted Statement of Cash Flows

For the periods:-

	2019/2020	2020/2021	2021/2022
	\$	\$	\$
<b>Cash Flows from Operating Activities</b>			
Receipts from customers	39,605,820	40,412,345	41,297,405
Receipts from Contracts and Recoverable Works	12,610,000	12,610,000	12,610,000
Payment to suppliers and employees	(41,101,323)	(44,700,040)	(44,785,827)
Government subsidies and grants	8,881,899	8,481,899	8,481,899
Interest revenue	690,400	243,508	246,677
Finance costs	(523,221)	(438,531)	(347,944)
Other Income	201,372	143,025	143,530
Other Expenses	(27,000)	-	-
<b>Cash provided by/(used in) operational activities</b>	<b>20,337,947</b>	<b>16,752,206</b>	<b>17,645,740</b>
<b>Cash Flow from Investing Activities :</b>			
Proceeds from sale of capital assets	400,000	400,000	400,000
Proceeds received for capital projects:			
Developer contributions	55,843	-	-
Other corporate contributions	-	-	-
Government grants and subsidies	6,333,948	5,081,948	5,081,948
Payments for property, plant and equipment	(24,577,465)	(22,007,076)	(22,057,207)
Payments for Intangibles	-	(436,943)	-
Payments for rehabilitation work	(1,100,000)	(930,000)	(880,000)
Movements in work in progress	-	-	-
<b>Net cash provided by investing activities</b>	<b>(18,887,674)</b>	<b>(17,892,071)</b>	<b>(17,455,259)</b>
<b>Cash Flow from Financing Activities :</b>			
Proceeds from borrowings	-	900,000	-
Repayment of borrowings	(1,216,326)	(1,301,016)	(1,391,602)
<b>Net cash provided by financing activities</b>	<b>(1,216,326)</b>	<b>(401,016)</b>	<b>(1,391,602)</b>
<b>Net Increase (Decrease) in Cash Held</b>	<b>233,947</b>	<b>(1,540,881)</b>	<b>(1,201,121)</b>
Cash at beginning of reporting period	28,221,031	28,454,978	26,914,097
<b>Cash at end of Reporting Period</b>	<b>28,454,978</b>	<b>26,914,097</b>	<b>25,712,976</b>





## BANANA SHIRE COUNCIL

### Budgeted Statement of Changes in Equity

For the periods:-

	2019/2020	2020/2021	2021/2022
	\$	\$	\$
<b>TOTAL EQUITY</b>			
Balance at Beginning of Period	671,321,076	673,303,331	673,914,328
Increase (Decrease) in Net Result	1,982,255	610,997	1,929,021
Balance at End of Period	673,303,331	673,914,328	675,843,349
<b>Accumulated Surplus/(Deficit)</b>			
Balance at Beginning of Period	-	-	-
Net Result	1,982,255	610,997	1,929,021
Other Capital Expenses			
Transfers to Capital and Reserves	(4,877,096)	(6,855,159)	(4,392,367)
Transfers from Capital and Reserves	2,894,841	6,244,162	2,463,346
Balance at End of Period	-	-	-
<b>Capital</b>			
Balance at Beginning of Period	188,512,595	193,355,173	194,736,483
Transfers to Capital and Reserves	(1,512,695)	973,211	(7,140,665)
Transfers from Capital and Reserves	(2,894,841)	(6,244,162)	(2,463,346)
Transfers between Capital and Reserves	9,250,114	6,652,261	12,453,540
Balance at End of Period	193,355,173	194,736,483	197,586,012
<b>Asset Revaluation Reserve</b>			
Balance at Beginning of Period	463,642,371	463,642,371	463,642,371
Asset Revaluations Direct to Reserve	-	-	-
Balance at End of Period	463,642,371	463,642,371	463,642,371
<b>Other Reserves</b>			
Balance at Beginning of Period	19,166,110	16,305,787	15,535,474
Transfers to Capital and Reserves	6,389,791	5,881,948	11,533,032
Transfers from Capital and Reserves	-	-	-
Transfers between Capital and Reserves	(9,250,114)	(6,652,261)	(12,453,540)
Balance at End of Period	16,305,787	15,535,474	14,614,966



**BANANA SHIRE COUNCIL**

18/Jun/19

09:49 AM

**Budgeted Statement of Comprehensive Income**

For the periods ending 30 June -

	Note	Est Act 2019 \$	2019/20 \$	2020/21 \$	2021/22 \$	2022/23 \$	2023/24 \$	2024/25 \$	2025/26 \$	2026/27 \$	2027/28 \$	2028/29 \$
<b>Revenue</b>												
Rates and utility charges	1	39,875,706	40,148,541	41,026,089	41,923,423	42,841,007	43,779,318	44,738,840	45,720,070	46,723,519	47,749,707	48,799,171
Less Discounts	1	(3,905,316)	(3,973,748)	(4,053,221)	(4,134,283)	(4,216,966)	(4,301,303)	(4,387,326)	(4,475,071)	(4,564,570)	(4,655,859)	(4,748,974)
Net rates and utility charges		35,970,390	36,174,793	36,972,868	37,789,140	38,624,041	39,478,015	40,351,514	41,244,999	42,158,949	43,093,848	44,050,197
Statutory fees and charges		998,988	1,478,605	1,508,177	1,538,340	1,569,103	1,600,480	1,632,483	1,665,129	1,698,427	1,732,391	1,767,035
User fees and charges		1,176,892	1,634,432	1,667,120	1,700,462	1,734,469	1,769,155	1,804,536	1,840,624	1,877,434	1,914,978	1,953,275
Rental and levies	2	385,907	259,000	264,180	269,463	274,852	280,349	285,955	291,674	297,507	303,457	309,526
Operating grants, subsidies	4	13,096,154	8,881,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899
Operating contributions		-	-	-	-	-	-	-	-	-	-	-
Interest revenue	3	714,764	690,400	243,508	246,677	249,908	253,204	256,565	259,994	263,492	267,060	270,699
Total sales of contract and recoverable works		15,593,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000
Proceeds from sales of land developed for resale	5	252,881	-	-	-	-	-	-	-	-	-	-
Other Income		463,024	142,525	143,025	143,530	144,040	144,555	145,075	145,600	146,130	146,666	147,207
		-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL OPERATING REVENUES</b>		<b>68,652,002</b>	<b>61,871,654</b>	<b>61,890,777</b>	<b>62,779,511</b>	<b>63,688,312</b>	<b>64,617,657</b>	<b>65,568,027</b>	<b>66,539,919</b>	<b>67,533,838</b>	<b>68,550,299</b>	<b>69,589,838</b>
<b>Expenses</b>												
Employee benefits	6	(11,954,097)	(10,723,900)	(10,958,100)	(11,201,163)	(11,450,302)	(11,705,670)	(11,967,422)	(12,235,720)	(12,510,723)	(12,792,602)	(13,081,526)
Materials and services	7	(41,030,419)	(34,013,641)	(33,862,412)	(33,708,148)	(33,550,790)	(33,390,275)	(33,226,539)	(33,059,518)	(32,889,147)	(32,715,358)	(32,538,082)
Current cost of developed land sold	5	(81,193)	-	-	-	-	-	-	-	-	-	-
Depreciation and Amortisation	8	(16,781,529)	(18,056,372)	(17,936,152)	(18,144,622)	(18,309,278)	(18,474,787)	(18,636,185)	(18,788,249)	(18,943,431)	(19,094,646)	(19,228,024)
Finance Costs	9	(1,281,119)	(990,436)	(905,746)	(815,159)	(251,051)	(614,625)	(574,215)	(574,215)	(574,215)	(574,215)	(574,215)
<b>TOTAL OPERATING EXPENSES</b>		<b>(71,128,357)</b>	<b>(63,784,349)</b>	<b>(63,662,410)</b>	<b>(63,869,092)</b>	<b>(63,561,421)</b>	<b>(64,185,357)</b>	<b>(64,404,361)</b>	<b>(64,657,702)</b>	<b>(64,917,516)</b>	<b>(65,176,821)</b>	<b>(65,421,847)</b>
<b>Operating surplus (deficit)</b>		<b>(2,476,355)</b>	<b>(1,912,695)</b>	<b>(1,771,633)</b>	<b>(1,089,581)</b>	<b>126,891</b>	<b>432,300</b>	<b>1,163,666</b>	<b>1,882,217</b>	<b>2,616,322</b>	<b>3,373,478</b>	<b>4,167,991</b>
<b>Capital income and expenditure:</b>												
Grants and subsidies	4	5,323,362	6,333,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948
Developer contributions	4	71,666	55,843	-	-	-	-	-	-	-	-	-
Other cash contributions		1,041,708	-	-	-	-	-	-	-	-	-	-
Other capital income	10	-	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Other capital expense	11	(5,245,921)	(2,894,841)	(3,099,318)	(2,463,346)	(2,157,972)	(2,431,319)	(2,360,961)	(2,563,678)	(2,876,027)	(2,699,930)	(2,247,052)
<b>Net income/(loss) for period before equity adjustments</b>		<b>(1,285,540)</b>	<b>1,982,255</b>	<b>610,997</b>	<b>1,929,021</b>	<b>3,450,867</b>	<b>3,482,929</b>	<b>4,284,653</b>	<b>4,800,487</b>	<b>5,222,243</b>	<b>6,155,496</b>	<b>7,402,887</b>
Asset revaluations direct to equity		(4,420,163)	-	-	-	-	-	-	-	-	-	-
<b>Net result for the period</b>		<b>(5,705,703)</b>	<b>1,982,255</b>	<b>610,997</b>	<b>1,929,021</b>	<b>3,450,867</b>	<b>3,482,929</b>	<b>4,284,653</b>	<b>4,800,487</b>	<b>5,222,243</b>	<b>6,155,496</b>	<b>7,402,887</b>



## 18/Jun/19

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For the periods ending 30 June -

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**BANANA SHIRE COUNCIL**

18/Jun/19

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**Budgeted Statement of Financial Position**

As at the periods ending 30 June -

	Note	Est Act 2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Current Assets</b>												
Cash and deposits	14	28,221,031	28,454,978	26,914,097	25,712,976	30,791,582	34,985,156	41,542,171	49,070,342	56,813,552	65,752,992	77,707,560
Receivables	15	5,274,943	5,243,106	5,243,106	5,243,106	5,243,106	5,243,106	5,243,106	5,243,106	5,243,106	5,243,106	5,243,106
Inventories	16	2,741,447	2,741,447	2,741,447	2,741,447	2,741,447	2,741,447	2,741,447	2,741,447	2,741,447	2,741,447	2,741,447
		36,237,421	36,439,531	34,898,650	33,697,529	38,776,135	42,969,709	49,526,724	57,054,895	64,798,105	73,737,545	85,692,113
Non-current - Assets classified as held for sale	17	160,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000	160,000
		36,397,421	36,599,531	35,058,650	33,857,529	38,936,135	43,129,709	49,686,724	57,214,895	64,958,105	73,897,545	85,852,113
<b>Non-Current Assets</b>												
Receivables	15	202,500	143,500	143,500	143,500	143,500	143,500	143,500	143,500	143,500	143,500	143,500
Property, plant and equipment	18	673,571,605	677,197,857	678,169,463	679,618,702	676,629,038	674,451,344	671,899,176	668,895,009	666,100,967	663,047,440	658,229,756
Intangible assets	19	225,386	225,386	662,329	662,329	662,329	662,329	662,329	662,329	662,329	662,329	662,329
Capital Work in Progress		2,381,387	2,381,387	2,381,387	2,381,387	2,381,387	2,381,387	2,381,387	2,381,387	2,381,387	2,381,387	2,381,387
		676,380,879	679,948,131	681,356,680	682,805,919	679,816,255	677,638,561	675,086,393	672,082,226	669,288,184	666,234,657	661,416,973
<b>TOTAL ASSETS</b>		<b>712,778,300</b>	<b>716,547,662</b>	<b>716,415,330</b>	<b>716,663,448</b>	<b>718,752,390</b>	<b>720,768,270</b>	<b>724,773,117</b>	<b>729,297,121</b>	<b>734,246,289</b>	<b>740,132,202</b>	<b>747,269,086</b>
<b>Current Liabilities</b>												
Trade and other payables	20	2,571,985	6,208,203	6,257,979	6,309,000	6,361,296	6,414,900	6,469,844	6,526,161	6,583,886	6,643,054	6,703,701
Provisions	22	2,623,928	2,623,928	2,689,526	2,756,764	2,825,683	2,896,325	2,968,733	3,042,951	3,119,024	3,196,999	3,276,923
Interest bearing liabilities	21	1,216,326	1,301,016	1,391,602	1,488,496	1,184,000	0	0	0	0	0	0
Other	24	505,000	505,000	505,000	505,000	505,000	505,000	505,000	505,000	505,000	505,000	505,000
		6,917,239	10,638,147	10,844,107	11,059,260	10,875,979	9,816,225	9,943,577	10,074,112	10,207,910	10,345,053	10,485,624
<b>Non-Current Liabilities</b>												
Provisions	22	29,174,870	28,542,085	28,084,398	27,676,838	27,682,194	27,274,899	26,867,741	26,460,723	26,053,850	25,647,124	25,240,550
Interest bearing liabilities	21	5,365,114	4,064,098	3,572,496	2,084,000	900,000	900,000	900,000	900,000	900,000	900,000	900,000
		34,539,984	32,606,183	31,656,894	29,760,838	28,582,194	28,174,899	27,767,741	27,360,723	26,953,850	26,547,124	26,140,550
<b>TOTAL LIABILITIES</b>		<b>41,457,223</b>	<b>43,244,330</b>	<b>42,501,001</b>	<b>40,820,098</b>	<b>39,458,173</b>	<b>37,991,124</b>	<b>37,711,318</b>	<b>37,434,835</b>	<b>37,161,760</b>	<b>36,892,177</b>	<b>36,626,174</b>
<b>NET COMMUNITY ASSETS</b>		<b>671,321,077</b>	<b>673,303,332</b>	<b>673,914,328</b>	<b>675,843,349</b>	<b>679,294,216</b>	<b>682,777,145</b>	<b>687,061,798</b>	<b>691,862,285</b>	<b>697,084,528</b>	<b>703,240,024</b>	<b>710,642,911</b>
<b>Community Equity</b>												
Capital account	25	188,512,595	193,355,173	194,736,483	197,586,012	196,093,532	195,108,526	192,565,046	189,569,567	186,784,213	183,739,374	178,930,378
Asset revaluation reserve	26	463,642,371	463,642,371	463,642,371	463,642,371	463,642,371	463,642,371	463,642,371	463,642,371	463,642,371	463,642,371	463,642,371
Restricted capital reserves	27	14,928,017	12,067,694	10,497,381	3,125,789	3,125,789	3,125,789	3,125,789	3,125,789	3,125,789	3,125,789	3,125,789
Other capital reserves	28	152,337	152,337	952,337	7,403,421	12,346,768	16,814,703	23,642,836	31,438,802	39,446,399	48,646,734	60,858,617
Recurrent reserves	29	4,085,756	4,085,756	4,085,756	4,085,756	4,085,756	4,085,756	4,085,756	4,085,756	4,085,756	4,085,756	4,085,756
Accumulated surplus/(deficiency)		-	0	0	-	0	0	0	0	0	0	0
<b>TOTAL COMMUNITY EQUITY</b>		<b>671,321,076</b>	<b>673,303,331</b>	<b>673,914,328</b>	<b>675,843,349</b>	<b>679,294,216</b>	<b>682,777,145</b>	<b>687,061,798</b>	<b>691,862,285</b>	<b>697,084,528</b>	<b>703,240,024</b>	<b>710,642,911</b>



**BANANA SHIRE COUNCIL**

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**Budgeted Statement of Cash Flows**

For the periods ending 30 June -

	Est Act 2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Cash Flows from Operating Activities</b>											
Receipts											
Net rates and utility charges	36,087,915	36,233,783	36,972,868	37,789,140	38,624,041	39,478,015	40,351,514	41,244,999	42,158,949	43,093,848	44,050,197
Fees and charges	2,175,881	3,113,037	3,175,297	3,238,802	3,303,572	3,369,635	3,437,019	3,505,753	3,575,861	3,647,369	3,720,310
Rentals and levies	890,907	259,000	264,180	269,463	274,852	280,349	285,955	291,674	297,507	303,457	309,526
Interest revenue	758,302	690,400	243,508	246,677	249,908	253,204	256,565	259,994	263,492	267,060	270,699
Government subsidies and grants	13,096,154	8,881,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899	8,481,899
Total sales of contract and recoverable works	15,593,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000	12,610,000
Other Income	3,234,174	201,372	143,025	143,530	144,040	144,555	145,075	145,600	146,130	146,666	147,207
Proceeds from sale of developed land	252,881	-	-	-	-	-	-	-	-	-	-
GST received for the year	10,850	(27,000)									
	72,100,065	61,962,491	61,890,777	62,779,511	63,688,312	64,617,657	65,568,027	66,539,919	67,533,838	68,550,299	69,589,838
Payments											
Employee benefits	(11,872,312)	(10,723,900)	(10,837,628)	(11,077,679)	(11,323,731)	(11,575,934)	(11,834,443)	(12,099,418)	(12,371,013)	(12,649,400)	(12,934,744)
Materials and services	(44,821,500)	(30,377,423)	(33,862,412)	(33,708,148)	(33,550,790)	(33,390,275)	(33,226,539)	(33,059,518)	(32,889,147)	(32,715,358)	(32,538,082)
Finance costs	(745,423)	(523,221)	(438,531)	(347,944)	(251,051)	(147,410)	(107,000)	(107,000)	(107,000)	(107,000)	(107,000)
Land and development costs	(637)	-	-	-	-	-	-	-	-	-	-
	(57,439,872)	(41,624,544)	(45,138,571)	(45,133,771)	(45,125,572)	(45,113,619)	(45,167,982)	(45,265,936)	(45,367,160)	(45,471,758)	(45,579,826)
<b>Cash provided by / (used in) operational activities</b>	14,660,193	20,337,947	16,752,206	17,645,740	18,562,740	19,504,038	20,400,045	21,273,983	22,166,678	23,078,541	24,010,012
<b>Cash Flow from Investing Activities :</b>											
Proceeds from sale of capital assets	139,351	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Contributions	1,113,374	55,843	-	-	-	-	-	-	-	-	-
Government grants and subsidies	5,323,362	6,333,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948
Payments for property, plant and equipment	(28,780,449)	(24,577,465)	(22,007,076)	(22,057,207)	(17,477,586)	(18,728,412)	(18,444,978)	(18,347,760)	(19,025,416)	(18,741,049)	(16,657,392)
Movement in work in progress	12,643,400	-	-	-	-	-	-	-	-	-	-
Payments for rehabilitation work	-	(1,100,000)	(930,000)	(880,000)	-	(880,000)	(880,000)	(880,000)	(880,000)	(880,000)	(880,000)
Payments for intangibles	-	-	(436,943)	-	-	-	-	-	-	-	-
Net cash provided by investing activities	(9,560,963)	(18,887,674)	(17,892,071)	(17,455,259)	(11,995,638)	(14,126,464)	(13,843,030)	(13,745,812)	(14,423,468)	(14,139,101)	(12,055,444)
<b>Cash Flow from Financing Activities :</b>											
Proceeds from borrowings	-	-	900,000	-	-	-	-	-	-	-	-
Repayment of borrowings	(3,296,621)	(1,216,326)	(1,301,016)	(1,391,602)	(1,488,496)	(1,184,000)	-	-	-	-	-
Net cash provided by financing activities	(3,296,621)	(1,216,326)	(401,016)	(1,391,602)	(1,488,496)	(1,184,000)	-	-	-	-	-
<b>Net Increase (Decrease) in Cash Held</b>	1,802,610	233,947	(1,540,881)	(1,201,121)	5,078,606	4,193,574	6,557,015	7,528,171	7,743,210	8,939,440	11,954,568
Cash at beginning of reporting period	26,418,421	28,221,031	28,454,978	26,914,097	25,712,976	30,791,582	34,985,156	41,542,171	49,070,342	56,813,552	65,752,992
<b>Cash at end of Reporting Period</b>	28,221,031	28,454,978	26,914,097	25,712,976	30,791,582	34,985,156	41,542,171	49,070,342	56,813,552	65,752,992	77,707,560



**BANANA SHIRE COUNCIL**

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**Budgeted Statement of Capital Funding**

For the periods ending 30 June -

	Est Act 2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Capital Funding Sources</b>											
General revenue used (excess funds provided)	34,990	(1,912,695)	573,211	(7,540,665)	(4,816,456)	(4,035,635)	(5,664,467)	(5,913,749)	(5,391,275)	(5,826,857)	(8,043,892)
Proceeds from the sale of non current assets	139,351	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Capital sustainability funds expended	12,872,593	20,916,695	16,352,933	25,507,526	18,300,590	18,466,099	18,627,497	18,779,561	18,934,743	19,085,958	19,219,336
Funds from loan borrowings expended in the period	-	-	900,000	-	-	-	-	-	-	-	-
Constrained grants and developer contributions	6,235,218	6,389,791	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948
NDRRA flood grant reserve	151,518	-	-	-	-	-	-	-	-	-	-
	19,433,670	25,793,791	23,308,092	23,448,809	18,966,082	19,912,412	18,444,978	18,347,760	19,025,416	18,741,049	16,657,392
<b>Capital Funding Applications</b>											
Land	366,319	209,000	-	-	-	-	-	-	-	-	-
Site improvements	877,324	1,313,600	974,000	175,000	-	-	-	-	-	-	-
Buildings	3,130,177	1,455,000	890,000	3,165,000	891,000	1,615,000	1,377,000	829,000	811,000	1,295,000	355,000
Plant and equipment	740,136	2,789,435	3,129,486	3,680,707	4,134,764	3,107,042	3,312,170	2,732,867	3,093,780	3,102,399	3,076,131
Road, bridge and drainage network	14,406,988	11,969,230	10,551,050	11,991,000	9,404,822	12,181,370	11,818,308	12,619,893	11,904,636	11,230,150	10,170,761
Water	3,263,162	4,326,200	2,754,940	1,324,500	2,031,000	983,500	982,500	1,229,500	937,000	1,275,500	1,337,500
Sewerage	1,780,115	2,325,000	3,377,600	1,436,000	866,000	841,500	955,000	936,500	2,279,000	1,443,000	1,443,000
Environmental Infrastructure Assets	121,974	-	-	-	-	-	-	-	-	-	-
Other Assets NC	4,094,255	190,000	330,000	285,000	150,000	-	-	-	-	395,000	275,000
Movement in capitalised work in progress	(12,643,400)	-	-	-	-	-	-	-	-	-	-
	16,137,049	24,577,465	22,007,076	22,057,207	17,477,586	18,728,412	18,444,978	18,347,760	19,025,416	18,741,049	16,657,392
Principle loan repayments:											
Queensland Treasury Corporation	3,296,621	1,216,326	1,301,016	1,391,602	1,488,496	1,184,000	-	-	-	-	-
	19,433,670	25,793,791	23,308,092	23,448,809	18,966,082	19,912,412	18,444,978	18,347,760	19,025,416	18,741,049	16,657,392



**BANANA SHIRE COUNCIL**

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**Budgeted Statement of Capital Funding for New Assets**

For the periods ending 30 June -

	Est Act 2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Capital Funding Sources for New Assets</b>											
General revenue used (excess funds provided)	9,374,574	6,985,147	4,233,266	6,198,903	3,450,456	4,203,775	2,361,000	2,277,500	1,050,500	1,214,000	2,181,000
Constrained grants and developer contributions	-	1,060,000	-	-	-	-	-	-	-	-	-
Funds expended from reserves	151,518	-	-	-	-	-	-	-	-	-	-
	9,526,092	8,045,147	4,233,266	6,198,903	3,450,456	4,203,775	2,361,000	2,277,500	1,050,500	1,214,000	2,181,000
<b>Capital Funding Applications for New Assets</b>											
Land	366,319	209,000	-	-	-	-	-	-	-	-	-
Site improvements	861,269	1,293,600	974,000	175,000	-	-	-	-	-	-	-
Buildings	1,466,459	990,000	390,000	1,860,000	300,000	1,170,000	410,000	310,000	310,000	370,000	190,000
Plant and equipment	503,079	-	-	-	-	-	-	-	-	-	-
Office Furniture and Fittings	-	-	51,250	52,531	-	-	-	-	-	-	-
Road, bridge and drainage network	2,769,629	1,256,221	1,415,500	2,530,270	1,652,960	1,840,525	1,941,500	1,891,000	731,500	835,000	1,991,000
Water	240,062	1,955,000	21,500	9,500	9,000	9,250	9,500	76,500	9,000	9,000	-
Sewerage	2,273	1,085,000	40,000	-	-	-	-	-	-	-	-
Environmental Infrastructure Assets	19,877	-	-	-	-	-	-	-	-	-	-
Other Assets NC	505	40,000	40,000	180,000	-	-	-	-	-	-	-
Total asset acquisitions	6,229,472	6,828,821	2,932,250	4,807,301	1,961,960	3,019,775	2,361,000	2,277,500	1,050,500	1,214,000	2,181,000
Principal loan repayments	3,296,621	1,216,326	1,301,016	1,391,602	1,488,496	1,184,000	-	-	-	-	-
	9,526,092	8,045,147	4,233,266	6,198,903	3,450,456	4,203,775	2,361,000	2,277,500	1,050,500	1,214,000	2,181,000



**BANANA SHIRE COUNCIL**

18/Jun/19

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**Budgeted Statement of Capital Funding for Replacement Assets**

For the periods ending 30 June -

	Est Act 2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>Capital Funding Sources for Replacement Assets</b>											
General revenue used (excess funds provided)	(9,339,584)	(8,897,842)	(3,608,805)	(13,687,037)	(8,266,912)	(8,239,410)	(8,025,467)	(8,191,249)	(6,441,775)	(7,040,857)	(10,224,892)
Proceeds from the sale of non current assets	139,351	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Capital sustainability funds expended	12,872,593	20,916,695	16,352,933	25,507,526	18,300,590	18,466,099	18,627,497	18,779,561	18,934,743	19,085,958	19,219,336
Funds from loan borrowings expended in the period	-	-	900,000	-	-	-	-	-	-	-	-
Constrained grants and developer contributions	12,326,758	5,329,791	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948
	15,999,118	17,748,644	19,126,076	17,302,437	15,515,626	15,708,637	16,083,978	16,070,260	17,974,916	17,527,049	14,476,392
<b>Capital Funding Applications for Replacement Assets</b>											
Site improvements	16,055	20,000	-	-	-	-	-	-	-	-	-
Buildings	1,663,718	465,000	500,000	1,305,000	591,000	445,000	967,000	519,000	501,000	925,000	165,000
Plant and equipment	237,057	2,789,435	3,129,486	3,680,707	4,134,764	3,107,042	3,312,170	2,732,867	3,093,780	3,102,399	3,076,131
Road, bridge and drainage network	11,637,359	10,713,009	9,135,550	9,460,730	7,751,862	10,340,845	9,876,808	10,728,893	11,173,136	10,395,150	8,179,761
Water	3,023,100	2,371,200	2,733,440	1,315,000	2,022,000	974,250	973,000	1,153,000	928,000	1,266,500	1,337,500
Sewerage	1,777,842	1,240,000	3,337,600	1,436,000	866,000	841,500	955,000	936,500	2,279,000	1,443,000	1,443,000
Environmental Infrastructure Assets	102,097	-	-	-	-	-	-	-	-	-	-
Other Assets NC	4,093,750	150,000	290,000	105,000	150,000	-	-	-	-	395,000	275,000
Movement in capitalised work in progress	(12,643,400)	-	-	-	-	-	-	-	-	-	-
Total asset acquisitions	9,907,578	17,748,644	19,126,076	17,302,437	15,515,626	15,708,637	16,083,978	16,070,260	17,974,916	17,527,049	14,476,392
	9,907,578	17,748,644	19,126,076	17,302,437	15,515,626	15,708,637	16,083,978	16,070,260	17,974,916	17,527,049	14,476,392



**BANANA SHIRE COUNCIL****Budgeted Statement of Changes in Equity**

For the periods ending 30 June -

	Total										
	Est Act 2019 \$	2019/20 \$	2020/21 \$	2021/22 \$	2022/23 \$	2023/24 \$	2024/25 \$	2025/26 \$	2026/27 \$	2027/28 \$	2028/29 \$
Balance at the beginning of period	677,021,604	671,321,076	673,303,331	673,914,328	675,843,349	679,294,216	682,777,145	687,061,798	691,862,285	697,084,528	703,240,024
Increase (decrease) in net result	(1,285,540)	1,982,255	610,997	1,929,021	3,450,867	3,482,929	4,284,653	4,800,487	5,222,243	6,155,496	7,402,887
Other transfers to Capital and reserves	-	-	-	-	-	-	-	-	-	-	-
Transfers from capital and reserves	-	-	-	-	-	-	-	-	-	-	-
Transfers between capital and reserves	-	-	-	-	-	-	-	-	-	-	-
Balance at the end of period	671,321,076	673,303,331	673,914,328	675,843,349	679,294,216	682,777,145	687,061,798	691,862,285	697,084,528	703,240,024	710,642,911



## 18/Jun/19

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For the periods ending 30 June -

[illegible]



**BANANA SHIRE COUNCIL****Budgeted Statement of Changes in Equity**

For the periods ending 30 June -

	Capital										
	Est Act 2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Balance at the beginning of period	191,097,737	188,512,595	193,355,173	194,736,483	197,586,012	196,093,532	195,108,526	192,565,046	189,569,567	186,784,213	183,739,374
Increase (decrease) in net result			-	-	-	-		-	-	-	-
Other transfers to Capital and reserves	34,990	(1,512,695)	973,211	(7,140,665)	(4,416,456)	(3,635,635)	(5,264,467)	(5,513,749)	(4,991,275)	(5,426,857)	(7,643,892)
Transfers from capital and reserves	(7,837,673)	(2,894,841)	(6,244,162)	(2,463,346)	(2,157,972)	(2,431,319)	(2,360,961)	(2,563,678)	(2,876,027)	(2,699,930)	(2,247,052)
Transfers between capital and reserves	5,212,366	9,250,114	6,652,261	12,453,540	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948	5,081,948
Balance at the end of period	188,512,595	193,355,173	194,736,483	197,586,012	196,093,532	195,108,526	192,565,046	189,569,567	186,784,213	183,739,374	178,930,378



For the periods ending 30 June -

[illegible]



**BANANA SHIRE COUNCIL****Budgeted Statement of Changes in Equity**

For the periods ending 30 June -

	Reserves										
	Est Act 2019	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Balance at the beginning of period	17,861,333	19,166,110	16,305,787	15,535,474	14,614,966	19,558,313	24,026,248	30,854,381	38,650,347	46,657,944	55,858,279
Increase (decrease) in net result											
Other transfers to Capital and reserves	10,492,460	6,389,791	5,881,948	11,533,032	10,025,295	9,549,883	11,910,081	12,877,914	13,089,545	14,282,283	17,293,831
Transfers from capital and reserves	(3,975,317)	-	-	-	-	-	-	-	-	-	-
Transfers between capital and reserves	(5,212,366)	(9,250,114)	(6,652,261)	(12,453,540)	(5,081,948)	(5,081,948)	(5,081,948)	(5,081,948)	(5,081,948)	(5,081,948)	(5,081,948)
Balance at the end of period	19,166,110	16,305,787	15,535,474	14,614,966	19,558,313	24,026,248	30,854,381	38,650,347	46,657,944	55,858,279	68,070,162



For the year ended 30 June :

The lower the percentage the nearer replacement will need to take place. Guidance range between 40% and 80%.



Indicator range is between 0% and 5%

This shows the council's capacity to fund additional borrowings.

**Working Capital Ratio :**

Unrestricted current assets

NB. This ratio calculation meets the requirements of the DLGP but inventory (excluding land)

**Debt Payment Ratio :**

Revenue Ratio :

### Level of Debt

**All Rates/Total Operating Costs.**

Less than 40% puts dependancy on grants & other revenue

Net rates & utility charges original budget prior year

34,605,604	36,174,793	36,972,868	37,789,140	38,624,041	39,478,015	40,351,514	41,244,999	42,158,949	43,093,848
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Net rates &amp; utility charges budgeted for current year

36,174,793	36,972,868	37,789,140	38,624,041	39,478,015	40,351,514	41,244,999	42,158,949	43,093,848	44,050,197
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Change rates and utility changes net of discounts

1,569,189	798,075	816,272	834,901	853,974	873,499	893,485	913,950	934,899	956,349
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Percentage change

[illegible]



BANANA SHIRE COUNCIL 2019-2029 CAPITAL PROGRAM										
		Same level of service Existing capacity	Higher level of service Greater capacity		Additional level of service New capacity created					
Year	Project	Renewal	Upgrade		New	Total Request	Funding		Funding Source	UPGRADE/COMMENTS (state the basis for split between renewal and new)
			Renewal	New			External	Internal	External - R2R, TIDS, W4Q etc. Internal - Reserves	
CORPORATE & COMMUNITY										
Aerodromes										
2019/2020	Airfield Linemarking (YBAB, YTNG, YMOU)	\$ 50,000	\$ -	\$ -	\$ -	\$ 50,000				
2019/2020	Moura Aerodrome - Generator for Runway Lights	\$ -	\$ -	\$ 20,000	\$ -	\$ 20,000				
2019/2020	Taroom Aerodrome - Runway Resheeting	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000				
2019/2020	Theodore Aerodrome - Water Tanks for Emergency Use	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000				
Total Aerodrome		\$ 150,000	\$ -	\$ 20,000	\$ 20,000	\$ 190,000	\$ -	\$ -		
Land and Leasing										
2019/2020	Magavalis Sports Complex - Replace Cricket Pitch	\$ -	\$ -	\$ -	\$ 9,000	\$ 9,000	\$ 5,843		Aus Cricket Infrastructure Fund	
2019/2020	Biloela - Purchase of land associated with Raedon Street	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000				
Total Libraries Land and Leasing		\$ -	\$ -	\$ -	\$ 209,000	\$ 209,000	\$ 5,843	\$ -		
ICT										
2019/2020	Network Upgrade		\$ 15,000			\$ 15,000				
2019/2020	Phone System	\$ 5,000				\$ 5,000				
2019/2020	Plotter		\$ 7,000			\$ 7,000				
2019/2020	PC Rotation		\$ 65,000			\$ 65,000				
2019/2020	Laptop Rotation		\$ 25,000			\$ 25,000				
2019/2020	CCTV Network Video Recorder		\$ 22,000			\$ 22,000				
2019/2020	Smart Phone Replacement		\$ 10,000			\$ 10,000				
2019/2020	Taroom FM Radio Transmitter	\$ 10,000				\$ 10,000				
Total ICT		\$ 15,000	\$ 144,000	\$ -	\$ -	\$ 159,000	\$ -	\$ -		
Plant										
2019/2020	Minor Plant (over \$2000)	\$ 60,000				\$ 60,000				
2019/2020	Light Vehicles	\$ 410,435				\$ 410,435				
2019/2020	Major Plant	\$ 2,160,000				\$ 2,160,000	\$ 400,000		Trade-ins	
Total Plant		\$ 2,630,435	\$ -	\$ -	\$ -	\$ 2,630,435	\$ 400,000	\$ -		
TOTAL CORPORATE & COMMUNITY		\$ 2,795,435	\$ 144,000	\$ 20,000	\$ 229,000	\$ 3,188,435	\$ 405,843	\$ -		
COUNCIL SERVICES										
Buildings & other Structures										
2019/2020	LCR Amenities				\$ 50,000	\$ 50,000	\$ 100,000		BBRF Round 3	
2019/2020	Theodore RSL Building	\$ 15,000				\$ 15,000				Replace box gutter
2019/2020	Banana - Opportunity Park Toilet Block				\$ 100,000	\$ 100,000	\$ 40,000		W4Q - 100%	
2019/2020	Taroom Anzac Memorial Upgrade		\$ 50,000			\$ 50,000	\$ 20,000		W4Q - 100%	
2019/2020	Taroom Town Hall Air Conditioner Roof Structure	\$ 80,000				\$ 80,000	\$ 32,000		W4Q - 100%	
2019/2020	Magavalis Sports Complex - New Bore				\$ 75,000	\$ 75,000	\$ 30,000		W4Q - 100%	
2019/2020	Kianga Hall		\$ 75,000			\$ 75,000	\$ 50,000		Kianga Hall Progress Committee	
2019/2020	Cracow Caravan Park				\$ 70,000	\$ 70,000				
2019/2020	Transit Accommodation	\$ 100,000				\$ 100,000				Replace ceiling in both A&B and repaint internal.
2019/2020	CRC Extension		\$ 100,000	\$ 750,000		\$ 850,000	\$ 750,000		Funding program to be advised	
2019/2020	Bilolea Library		\$ 10,000			\$ 10,000				In-fill panels; top glass section; front of Grevillea St and office. Reduce heat/glare and air-con costs (\$15K per 1/4). Sun belts into YAF area...bleaching books. Remove skylights in kids room replace with sheeting.
2019/2020	Aurburn Street Depot			\$ 25,000		\$ 25,000				Insall Taylex system to replace failed septic: WHS issue.
Total Buildings		\$ 195,000	\$ 235,000	\$ 775,000	\$ 295,000	\$ 1,500,000	\$ 1,022,000	\$ -		
Environmental										
2019/2020	CCTV Upgrade Moura & Taroom		\$ 20,000			\$ 20,000				CCTV at Taroom and Moura Washbays
Total Environmental		\$ -	\$ 20,000	\$ -	\$ -	\$ 20,000	\$ -	\$ -		



BANANA SHIRE COUNCIL 2019-2029 CAPITAL PROGRAM										
		Same level of service Existing capacity	Higher level of service Greater capacity		Additional level of service New capacity created					
Year	Project	Renewal	Upgrade		New	Total Request	Funding		Funding Source	UPGRADE/COMMENTS (state the basis for split between renewal and new)
			Renewal	New			External	Internal	External - R2R, TIDS, W4Q etc. Internal - Reserves	
Waste										
2019/2020	Transfer Stations				\$ 50,000	\$ 50,000				Cameras at all sites 5x 10000
2019/2020	Cracow Landfill				\$ 50,000	\$ 50,000				
2019/2020	Biloela Transfer Station				\$ 40,000	\$ 40,000				New shed at Biloela Transfer Station
2019/2020	Moura Transfer Station				\$ 165,600	\$ 165,600	\$ 23,200		W4Q - Fencing	Moura Transfer Station fencing - dump is on road reserve - conside Purchase of land and legal expenses for waste facility encroachments
2019/2020	Moura Transfer Station				\$ 30,000	\$ 30,000				Land Acquisition at Moura Transfer site
2019/2020	Baralaba Transfer Station				\$ 84,000	\$ 84,000	\$ 33,600		W4Q - Fencing	Baralaba Transfer Station - fencing
2019/2020	Wowan Transfer Station				\$ 63,000	\$ 63,000	\$ 25,200		W4Q - Fencing	Wowan Transfer Station - fence
2019/2020	Theodore Transfer Station				\$ 95,000	\$ 95,000	\$ 38,000		W4Q - Fencing	Theodore Transfer Station - fence
2019/2020	Taroom Transfer Station				\$ 200,000	\$ 200,000	\$ 80,000		W4Q - Fencing	Taroom Transfer Station - fence
2019/2020	Taroom Transfer Station				\$ 316,000	\$ 316,000				Taroom Transfer Station - facility
2019/2020	Taroom Transfer Station				\$ 200,000	\$ 200,000				Compactor at Taroom - add designers
Total Waste		\$ -	\$ -	\$ -	\$ 1,293,600	\$ 1,293,600	\$ 200,000	\$ -		
Cemeteries										
2019/2020	Other Cemeteries			\$ 25,000	\$ 30,000	\$ 55,000				Concrete beams fencing/signage
Total Cemeteries		\$ -	\$ -	\$ 25,000	\$ 30,000	\$ 55,000	\$ -	\$ -		
Animal Management										
2019/2020	Pound Kennels	\$ 55,000				\$ 55,000				
Total Animal Management		\$ 55,000	\$ -	\$ -	\$ -	\$ 55,000	\$ -	\$ -		
Pools										
2019/2020	Biloela pool	\$ 60,000				\$ 60,000				50m dosing system replacement (\$30K)& dolphin cleaner replacement (\$30K)
2019/2020	Moura pool	\$ 50,000				\$ 50,000				Amenities block improvements
Total Pools		\$ 110,000	\$ -	\$ -	\$ -	\$ 110,000	\$ -	\$ -		
Water Services										
Rebudgeted from 2018/2019										
2019/2020	Thangool Resevior Pump Station				\$ 360,000	\$ 360,000				Mains work deferred until 2020 - 2021; Adjust for 2018-2019 expenditure.
2019/2020	Moura Raw Water Intake				\$ 350,000	\$ 350,000				Confirmed total project cost \$2.1 Mill - Projected spend 18/19 \$600K. Adjust for actual 18/19 spend when it is known
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
Total Rebudgeted from 2018/2019		\$ -	\$ -	\$ -	\$ 710,000	\$ 710,000	\$ -	\$ -		
Priorities 2019/2020										
2019/2020	Scada - All schemes (Water & Sewerage)		\$ 50,000	\$ 50,000		\$ 100,000				
2019/2020	Biloela WTP Clarifier		\$ 450,000			\$ 450,000				
2019/2020	Moura Raw Water Intake				\$ 1,150,000	\$ 1,150,000				
2019/2020	Automated Water Meter Project		\$ 100,000			\$ 100,000	\$ 50,000		W4Q - 17/19 Last 10%	
2019/2020	Moura WTP Clarifier	\$ 100,000				\$ 100,000				
Total Priorities 2018/2019		\$ 100,000	\$ 600,000	\$ 50,000	\$ 1,150,000	\$ 1,900,000	\$ 50,000	\$ -		
General (ie benefits All Schemes)										
2019/2020						\$ -	\$ -			
2019/2020						\$ -	\$ -			
2019/2020						\$ -	\$ -			
Total General		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Banana										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 9,000				\$ 9,000	\$ -			
2019/2020	Meters/Services	\$ 2,000	\$ 1,500	\$ 500		\$ 4,000	\$ -			
2019/2020	Treatment/Headworks/Reservoirs/Pumps					\$ -	\$ -			
2019/2020	SCADA/Telemetry					\$ -	\$ -			
Total Banana		\$ 11,000	\$ 1,500	\$ 500	\$ -	\$ 13,000	\$ -	\$ -		



BANANA SHIRE COUNCIL 2019-2029 CAPITAL PROGRAM										
		Same level of service Existing capacity	Higher level of service Greater capacity		Additional level of service New capacity created					
Year	Project	Renewal	Upgrade		New	Total Request	Funding		Funding Source	UPGRADE/COMMENTS (state the basis for split between renewal and new)
			Renewal	New			External	Internal	External - R2R, TIDS, W4Q etc. Internal - Reserves	
Baralaba										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 18,000				\$ 18,000				
2019/2020	Meters/Services	\$ 6,000	\$ 4,500	\$ 1,500		\$ 12,000				
2019/2020	Treatment/Headworks/Reservoirs/Pumps	\$ 20,000	\$ 20,000	\$ -		\$ 40,000				
2019/2020	SCADA/Telemetry		\$ -			\$ -				
Total Baralaba		\$ 44,000	\$ 24,500	\$ 1,500	\$ -	\$ 70,000	\$ -	\$ -		
Biloela										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 220,000				\$ 220,000				
2019/2020	Meters/Services	\$ 80,000	\$ 30,000	\$ 10,000		\$ 120,000				
2019/2020	Treatment/Headworks/Reservoirs/Pumps	\$ 143,700	\$ 20,000	\$ -		\$ 163,700				
2019/2020	SCADA/Telemetry		\$ -			\$ -				
Total Biloela		\$ 443,700	\$ 50,000	\$ 10,000	\$ -	\$ 503,700	\$ -	\$ -		
Callide Dam										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 4,500				\$ 4,500				
2019/2020	Meters/Services	\$ 2,000				\$ 2,000				
2019/2020						\$ -				
2019/2020						\$ -				
Total Callide Dam		\$ 6,500	\$ -	\$ -	\$ -	\$ 6,500	\$ -	\$ -		
Cracow										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)					\$ -				
2019/2020	Meters/Services	\$ 2,000				\$ 2,000				
2019/2020	Treatment/Headworks/Reservoirs/Pumps					\$ -				
2019/2020	SCADA/Telemetry					\$ -				
Total Cracow		\$ 2,000	\$ -	\$ -	\$ -	\$ 2,000	\$ -	\$ -		
Goovigen										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 54,000				\$ 54,000				
2019/2020	Meters/Services	\$ 3,500				\$ 3,500				
2019/2020	Treatment/Headworks/Reservoirs/Pumps	\$ 20,000			\$ 25,000	\$ 45,000				
2019/2020	SCADA/Telemetry					\$ -				
Total Goovigen		\$ 77,500	\$ -	\$ -	\$ 25,000	\$ 102,500	\$ -	\$ -		
Moura										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 90,000				\$ 90,000				
2019/2020	Meters/Services	\$ 70,000				\$ 70,000				
2019/2020	Treatment/Headworks/Reservoirs/Pumps	\$ 112,500	\$ 20,000			\$ 132,500				
2019/2020	SCADA/Telemetry					\$ -				
Total Moura		\$ 272,500	\$ 20,000	\$ -	\$ -	\$ 292,500	\$ -	\$ -		
Taroom										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 420,000				\$ 420,000				
2019/2020	Meters/Services	\$ 20,000				\$ 20,000				
2019/2020	Treatment/Headworks/Reservoirs/Pumps	\$ 35,000				\$ 35,000				
2019/2020	SCADA/Telemetry		\$ 6,000			\$ 6,000				
Total Taroom		\$ 475,000	\$ 6,000	\$ -	\$ -	\$ 481,000	\$ -	\$ -		
Thangool										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 9,000				\$ 9,000				
2019/2020	Meters/Services	\$ 10,000				\$ 10,000				
2019/2020						\$ -				
Total Thangool		\$ 19,000	\$ -	\$ -	\$ -	\$ 19,000	\$ -	\$ -		
Theodore										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 40,000				\$ 40,000				
2019/2020	Meters/Services	\$ 15,000				\$ 15,000				
2019/2020	Treatment/Headworks/Reservoirs/Pumps	\$ 49,000	\$ 44,000	\$ 8,000		\$ 101,000				
Total Theodore		\$ 104,000	\$ 44,000	\$ 8,000	\$ -	\$ 156,000	\$ -	\$ -		
Wowan										
2019/2020	Mains/Valves/Hydrants (Trunk & Reticulation)	\$ 64,000				\$ 64,000				
2019/2020	Meters/Services	\$ 6,000				\$ 6,000				
2019/2020						\$ -				
2019/2020						\$ -				
Total Wowan		\$ 70,000	\$ -	\$ -	\$ -	\$ 70,000	\$ -	\$ -		
Total Water Services		\$ 1,625,200	\$ 746,000	\$ 70,000	\$ 1,885,000	\$ 4,326,200	\$ 50,000	\$ -		



BANANA SHIRE COUNCIL 2019-2029 CAPITAL PROGRAM										
		Same level of service Existing capacity	Higher level of service Greater capacity		Additional level of service New capacity created					
Year	Project	Renewal	Upgrade		New	Total Request	Funding		Funding Source	UPGRADE/COMMENTS (state the basis for split between renewal and new)
			Renewal	New			External	Internal	External - R2R, TIDS, W4Q etc. Internal - Reserves	
Sewerage										
Rebudgeted from 2017/18										
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
Total Rebudgeted from 2017/18		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
Priority Sewerage Projects										
2019/2020	Biloela Sewerage Pump Station - Raedon Street				\$ 900,000	\$ 900,000	\$ 110,000			
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
2019/2020						\$ -				
Total Priority Sewerage Projects		\$ -	\$ -	\$ -	\$ 900,000	\$ 900,000	\$ 110,000	\$ -		
Biloela										
2019/2020	Retic Mains & Manholes	\$ 520,000				\$ 520,000				Ductile Iron Concrete Line Above Ground Biloela STP \$300K Netley Street Relining Under House \$80
2019/2020	House Connections	\$ 100,000				\$ 100,000				
2019/2020	Rising Mains	\$ -				\$ -				
2019/2020	Pump Stations	\$ 15,000	\$ 50,000		\$ 170,000	\$ 235,000				
2019/2020	STP/Headworks				\$ -	\$ -				
2019/2020	SCADA/Telemetry					\$ -				
Total Biloela		\$ 635,000	\$ 50,000	\$ -	\$ 170,000	\$ 855,000	\$ -	\$ -		
Moura										
2019/2020	Retic Mains & Manholes	\$ 145,000				\$ 145,000				
2019/2020	House Connections	\$ 30,000				\$ 30,000				
2019/2020	Rising Mains					\$ -				
2019/2020	Pump Stations					\$ -				
2019/2020	STP/Headworks	\$ 50,000				\$ 50,000	\$ 20,000		W4Q - 2017/19 - last 10% Solar Project	
2019/2020	SCADA/Telemetry					\$ -				
Total Moura		\$ 225,000	\$ -	\$ -	\$ -	\$ 225,000	\$ 20,000	\$ -		
Taroom										
2019/2020	Retic Mains & Manholes	\$ 170,000				\$ 170,000				Sewer Main relining \$70K; Manhole ring and lid replacement \$30K; Manhole refurbishment \$70K
2019/2020	House Connections	\$ 20,000				\$ 20,000				
2019/2020	Rising Mains					\$ -				
2019/2020	Pump Stations	\$ 50,000			\$ 5,000	\$ 55,000				
2019/2020	STP/Headworks					\$ -	\$ 100,000		W4Q 2019-21 - Taroom STP	
2019/2020	SCADA/Telemetry					\$ -				
Total Taroom		\$ 240,000	\$ -	\$ -	\$ 5,000	\$ 245,000	\$ 100,000	\$ -		
Theodore										
2019/2020	Retic Mains & Manholes	\$ 70,000				\$ 70,000				
2019/2020	House Connections	\$ 20,000				\$ 20,000				
2019/2020	Rising Mains					\$ -				
2019/2020	Pump Stations				\$ 5,000	\$ 5,000				
2019/2020	STP/Headworks				\$ 5,000	\$ 5,000				
2019/2020	SCADA/Telemetry					\$ -				
Total Theodore		\$ 90,000	\$ -	\$ -	\$ 10,000	\$ 100,000	\$ -	\$ -		
Total Sewerage										
		\$ 1,190,000	\$ 50,000	\$ -	\$ 1,085,000	\$ 2,325,000	\$ 230,000	\$ -		
TOTAL COUNCIL SERVICES		\$ 3,175,200	\$ 1,051,000	\$ 870,000	\$ 4,588,600	\$ 9,684,800	\$ 1,502,000	\$ -		



BANANA SHIRE COUNCIL 2019-2029 CAPITAL PROGRAM										
		Same level of service Existing capacity	Higher level of service Greater capacity		Additional level of service New capacity created					
Year	Project	Renewal	Upgrade		New	Total Request	Funding		Funding Source	UPGRADE/COMMENTS (state the basis for split between renewal and new)
			Renewal	New			External	Internal	External - R2R, TIDS, W4Q etc. Internal - Reserves	
INFRASTRUCTURE										
2019/2020	Callide St Concrete Pathway/Bikeway	\$ 50,000				\$ 50,000				
2019/2020	Stopford St Concrete Pathway/Bikeway				\$ 84,000	\$ 84,000				
2019/2020	Moura Pathway/Bikeway				\$ 100,000	\$ 100,000	\$ 40,000		W4Q 100%	Works Completed
2019/2020	Funding only - Various Projects					\$ -	\$ 99,000		W4Q - 2017/19 Last 10% Various Projects	
2019/2020	Defence Road, Oxtrack Creek Bridge Renewal	\$ 528,000				\$ 528,000	\$ 111,800		Bridge Renewal Program	
2019/2020	Gogango Creek Bridge Renewal	\$ 350,000				\$ 350,000				
2019/2020	Pocket Creek Bridge	\$ 250,000				\$ 250,000				
2019/2020	Magavalis Netball resurfacing	\$ 150,000				\$ 150,000	\$ 60,000		W4Q 100%	
2019/2020	Baralaba Netball resurfacing	\$ 95,000				\$ 95,000	\$ 38,000		W4Q 100%	
2019/2020	Thangool Memorial Park - Skate Park Slab				\$ 50,000	\$ 50,000	\$ 20,000		W4Q 100%	
2019/2020	Irrigation Works - Skate Park Moura			\$ 25,000		\$ 25,000				
2019/2020	Disaster Management - 2-way system				\$ 75,000	\$ 75,000				
2019/2020	Jambin Dakenba Road - Rehabilitation, Widen & Seal		\$ 135,000	\$ 45,000		\$ 180,000	\$ 180,000		R2R 50%; TIDS 50%	25% New - Widening of the road
2019/2020	Jambin Dakenba Road - Rehabilitation & Seal	\$ 670,000				\$ 670,000	\$ 670,000		R2R 50%; TIDS 50%	
2019/2020	Van Itallies Road Rural - Rehabilitation, Widen & Seal		\$ 180,000	\$ 60,000		\$ 240,000	\$ 211,506		R2R 38%; TIDS 50%	25% New - Widening of the road
2019/2020	River Road - Rehabilitation & Seal Moura	\$ 140,000				\$ 140,000				
2019/2020	Kokotungo Wandoo Road - Rehabilitation & Seal (Segment 1)	\$ 211,000				\$ 211,000				
2019/2020	Dee River Road - Rehabilitation & Seal	\$ 425,000				\$ 425,000				
2019/2020	Jambin Goovigen Road - Rehabilitation & Seal	\$ 70,000				\$ 70,000	\$ 70,000		R2R 50%; TIDS 50%	
2019/2020	Theodore Moura Road - Widening, Culvert etc - Blackspot		\$ 405,000			\$ 405,000	\$ 405,000		Blackspot	
2019/2020	Theodore Moura Road - Rehabilitation, Widen & Seal		\$ 450,000	\$ 150,000		\$ 600,000	\$ 600,000		R2R 50%; TIDS 50%	25% New - Widening of the road
2019/2020	Deearne Road Rural Construction - Formation, Drainage, Pavement & Bitumen Seal		\$ 760,000	\$ 240,000		\$ 1,000,000	\$ 1,000,000		R2R 50%; TIDS 50%	40% New - Bitumen Seal
2019/2020	Wowan Westwood Road - Gravel Resheet	\$ 102,000				\$ 102,000				
2019/2020	Glenmoral Rounstone Road - Gravel Resheet	\$ 256,000				\$ 256,000				
2019/2020	Eriksons Road - Gravel Resheet	\$ 78,000				\$ 78,000				
2019/2020	Malakoff Road - Gravel Resheet	\$ 196,000				\$ 196,000				
2019/2020	Theodore WTP Access Road Upgrade		\$ 110,000	\$ 110,000		\$ 220,000	\$ 88,000		W4Q 100%	50% New - Vertical alignment of road
2019/2020	Injune Road - Gravel Resheet	\$ 341,000				\$ 341,000				
2019/2020	Flagstaff Road - Gravel Resheet	\$ 256,000				\$ 256,000				
2019/2020	Van Itallies Road - Floodway	\$ 60,000				\$ 60,000	\$ 60,000		R2R 50%; TIDS 50%	
2019/2020	Argoon Highway - Callide Creek culvert	\$ 250,000				\$ 250,000				
2019/2020	Cockatoo Road - Floodway	\$ 100,000				\$ 100,000				
2019/2020	Burnley Road - Floodway	\$ 42,000				\$ 42,000				
2019/2020	River Road - Reseal	\$ 63,000				\$ 63,000				
2019/2020	Jambin Googiven Road - Reseal	\$ 130,000				\$ 130,000	\$ 130,000		R2R 50%; TIDS 50%	
2019/2020	Prospect Creek Goovigen Road - Reseal	\$ 42,000				\$ 42,000				
2019/2020	Moura Bindaree Road (Segment 1) - Reseal	\$ 66,000				\$ 66,000				
2019/2020	Moura Bindaree Road (Segment 2) - Reseal	\$ 43,000				\$ 43,000				
2019/2020	Kokotungo Wandoo Road - Reseal	\$ 166,000				\$ 166,000				
2019/2020	McCanns Road - Reseal	\$ 17,875				\$ 17,875				
2019/2020	Linkes Road - Reseal	\$ 29,315				\$ 29,315				
2019/2020	Argoon Road - Reseal	\$ 16,088				\$ 16,088				
2019/2020	Sawmill Road - Reseal	\$ 16,500				\$ 16,500				
2019/2020	Broadmere Road - Reseal	\$ 8,250				\$ 8,250				
2019/2020	Smiths Road - Reseal	\$ 8,250				\$ 8,250				
2019/2020	Yeovil Road - Reseal	\$ 33,000				\$ 33,000				
2019/2020	Flagstaff Road - Reseal	\$ 161,700				\$ 161,700				
2019/2020	Kinfauns Road - Reseal	\$ 53,625				\$ 53,625				
2019/2020	Grantleigh Pheasant Road - Reseal	\$ 17,875				\$ 17,875				
2019/2020	Glebe Weir Road - Reseal	\$ 35,750				\$ 35,750				
2019/2020	Glenmoral Roundstone - Reseal	\$ 17,875				\$ 17,875				
2019/2020	Cracow Road - Reseal	\$ 53,625				\$ 53,625				
2019/2020	Injune Road - Reseal	\$ 89,375				\$ 89,375				
2019/2020	Cockatoo Road - Reseal	\$ 89,375				\$ 89,375				
2019/2020	Dee River Road - Reseal	\$ 187,000				\$ 187,000				
2019/2020	Barrett Street - K&C replacement and onstreet bikeway		\$ 247,500	\$ 82,500		\$ 330,000	\$ 190,000		CNLGG 50%	25% New - Widening of the road
2019/2020	Raedon Street - Development Project Road Works				\$ 513,933	\$ 513,933	\$ 513,933		Regional Jobs Investment Package	%100 Federally funded



BANANA SHIRE COUNCIL 2019-2029 CAPITAL PROGRAM

		Same level of service Existing capacity	Higher level of service Greater capacity		Additional level of service New capacity created						
Year	Project	Renewal	Upgrade		New	Total Request	Funding		Funding Source	UPGRADE/COMMENTS (state the basis for split between renewal and new)	
			Renewal	New			External	Internal	External - R2R, TIDS, W4Q etc. Internal - Reserves		
2019/2020	Dunn Street Quarry Road intersection - Rehabilitation, Widen & Seal for HV		\$ 86,250	\$ 28,750		\$ 115,000				25% New - Widening of the road	
2019/2020	Dunn Street - Rehabilitation, Widen & Seal for HV		\$ 356,163	\$ 118,721		\$ 474,884	\$ 237,442		HVSPP 50%	25% New - Widening of the road	
2019/2020	Quarrie Road - Rehabilitation, Widen & Seal for HV		\$ 225,000	\$ 75,000		\$ 300,000	\$ 150,000		HVSPP 50%	25% New - Widening of the road	
2019/2020	Thangool - Urban Drainage upgrade (Stage2)		\$ 635,750	\$ 62,250		\$ 698,000	\$ 349,000		BBRF		
2019/2020	Western Lane, Theodore - Stormwater replacement	\$ 100,000				\$ 100,000					
2019/2020	Yaldwyn Street - K&C Replacement	\$ 170,000				\$ 170,000					
2019/2020	Yaldwyn Street - K&C Replacement	\$ 145,000				\$ 145,000					
2019/2020	Urban Drainage - Pit Upgrade	\$ 50,000				\$ 50,000					
2019/2020	Urban Drainage - K&C Replacement	\$ 100,000				\$ 100,000					
2019/2020	Urban Drainage General (CCTV inspection and drainage repair or replacement)	\$ 100,000				\$ 100,000					
2019/2020	Prairie Street, Biloela - Reseal	\$ 90,000				\$ 90,000					
2019/2020	Auburn Street, Biloela - Reseal	\$ 2,880				\$ 2,880					
2019/2020	Melton Street, Biloela - Reseal	\$ 45,000				\$ 45,000					
2019/2020	State Farm Road, Biloela - Reseal	\$ 99,000				\$ 99,000					
2019/2020	Kariboe Lane, Biloela - Reseal	\$ 19,375				\$ 19,375					
2019/2020	Grevillea Lane, Biloela - Reseal	\$ 19,375				\$ 19,375					
2019/2020	Stanley Street, Thangool - Reseal	\$ 23,000				\$ 23,000					
2019/2020	Lloyd Street, Thangool - Reseal	\$ 6,000				\$ 6,000					
2019/2020	Bramston Street, Banana - Reseal	\$ 10,000				\$ 10,000					
2019/2020	Luhrs Street, Moura - Reseal	\$ 28,000				\$ 28,000					
2019/2020	Stephensons Street, Moura - Reseal	\$ 63,360				\$ 63,360					
2019/2020	Farmer Street, Moura - Reseal	\$ 39,060				\$ 39,060					
2019/2020	Depot, Theodore - Reseal	\$ 2,400				\$ 2,400					
2019/2020	Nathan Street, Theodore - Reseal	\$ 4,400				\$ 4,400					
2019/2020	Eight Avenue, Theodore - Reseal	\$ 4,400				\$ 4,400					
2019/2020	Carrabah Street, Taroom - Reseal	\$ 9,438				\$ 9,438					
2019/2020	Ridley Street, Taroom - Reseal	\$ 26,180				\$ 26,180					
TOTAL INFRASTRUCTURE		\$ 7,122,346	\$ 3,590,663	\$ 997,221	\$ 822,933	\$ 12,533,163	\$ 5,223,681	\$ -			
TOTAL 2019/2020		\$ 13,092,981	\$ 4,785,663	\$ 1,887,221	\$ 5,640,533	\$ 25,406,398	\$ 7,131,524	\$ -			



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## Revenue and Expenditure Budget

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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
1000-0001	**1000's ACCOUNTS**					
1000-0002	*EXECUTIVE MANAGEMENT*					
1000-0003	ELECTED MEMBER SUPPORT					
1000-1300	Miscellaneous Receipts	0.00	0.00			0%
1000-1400	ELECT MEMB-D&O Liability Receipts	0.00	0.00			0%
1000-2140	Councillors Expenses			0.00	0.00	0%
1000-2160	ELECT MEMB - Remuneration			0.00	425,000.00	---
1000-2161	ELECT MEMB - Reimbursements			0.00	15,000.00	---
1000-2162	ELECT MEMB - Superannuation			0.00	50,000.00	---
1000-2170	ELECT MEMB - Other Expenses			0.00	76,000.00	---
1000-2180	Election Expenses			0.00	60,000.00	---
1000-2400	ELECT MEMB-D&O Liability Expenses			0.00	0.00	0%
1000-0003	ELECTED MEMBER SUPPORT TOTAL	0.00	0.00	0%	0.00	626,000.00
1010-0003	EXECUTIVE MANAGEMENT & PLANNING					
1010-1300	CORP MAN - Miscellaneous Receipts	0.00	0.00	0%		
1010-2020	Advertising & Promotion			0.00	9,500.00	---
1010-2100	Conferences and Deputations			0.00	9,500.00	---
1010-2130	Corporate Function Expenses			0.00	4,750.00	---
1010-2200	Employee Costs			0.00	472,150.00	---
1010-2260	Legal Expenses			0.00	33,250.00	---
1010-2265	Local Laws			0.00	2,375.00	---
1010-2380	Corporate Management Operating Expen			0.00	66,500.00	---
1010-2381	Admin Bldgs - Operating Expenses			0.00	285,000.00	---
1010-2383	CORP MAN - Audit Committee			0.00	33,250.00	---
1010-2480	Community Planning			0.00	9,500.00	---
1010-2540	Subscriptions			0.00	57,000.00	---
1010-0003	EXECUTIVE MANAGEMENT & PLANNING TOTAL	0.00	0.00	0%	0.00	982,775.00
1020-0003	ECONOMIC DEVELOP & STRATEGIC PARTNER					
1020-1050	Grants & Subsidies	0.00	0.00	0%		
1020-2020	Promotional Costs			0.00	0.00	0%
1020-2090	Consultancy Expenses			0.00	47,500.00	---
1020-2240	Grants,Contributions&Donations			0.00	10,000.00	---
1020-2360	Other Expenses			0.00	4,750.00	---
1020-2380	Operating Expenses			0.00	42,750.00	---
1020-0003	ECONOMIC DEVELOP & STRATEGIC PARTNER TOTAL	0.00	0.00	0%	0.00	105,000.00
1030-0003	PUBLIC RELATIONS & CORPORATE EVENTS					
1030-1300	Miscellaneous Receipts	0.00	0.00	0%		
1030-2020	Advertising & Promotion			0.00	0.00	0%



General Ledger2019.3.15.1

Revenue and Expenditure Budget

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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		2019/2020	2019/2020	2019/2020		
		Budget	Budget	Budget		
		????/????	????/????	????/????		
1030-2080	Civic Functions & Receptions			0.00	0.00	0%
1030-2120	Contributions			0.00	0.00	0%
1030-2360	Other Expenses			0.00	0.00	0%
1030-2380	Industry Summit Expenses			0.00	0.00	0%
1030-0003	PUBLIC RELATIONS & CORPORATE EVENTS TOTAL	0.00	0.00	0.00	0.00	0%
1000-0002	*EXECUTIVE MANAGEMENT* TOTAL	0.00	0.00	0.00	1,713,775.00	---
1100-0002	*HUMAN RESOURCES*					
1110-0003	HUMAN RESOURCES ADMINISTRATION					
1110-1050	Training Subsidies	0.00	0.00			
1110-1300	Miscellaneous Receipts	0.00	0.00			
1110-2000	HR Administraton			0.00	38,000.00	---
1110-2200	HR - Employee Costs			0.00	696,350.00	---
1110-2250	HR Learning & Development			0.00	0.00	0%
1110-2380	HR Operating Expenses			0.00	47,500.00	---
1110-2520	HR Recruitment & Selection Expenses			0.00	47,500.00	---
1110-0003	HUMAN RESOURCES ADMINISTRATION TOTAL	0.00	0.00	0.00	829,350.00	---
1150-0003	WORKPLACE HEALTH & SAFETY					
1150-2200	WH&S Employee Costs			0.00	291,650.00	---
1150-2380	WH&S Operating Expenses			0.00	14,250.00	---
1150-2381	WH&S Compliance			0.00	11,400.00	---
1150-2540	WH&S Subscriptions			0.00	23,750.00	---
1150-2580	WH&S Training Expenses			0.00	0.00	0%
1150-2600	WH&S Department Costs			0.00	0.00	0%
1150-0003	WORKPLACE HEALTH & SAFETY TOTAL	0.00	0.00	0.00	341,050.00	---
1200-0003	LEARNING AND DEVELOPMENT					
1200-1300	Miscellaneous Receipts/Refunds	0.00	0.00			
1210-0004	EXECUTIVE SERVICES L&D					
1210-2381	Exec Conferences			0.00	3,325.00	---
1210-2382	Exec Professional Development			0.00	4,750.00	---
1210-2383	Exec Core Training			0.00	950.00	---
1210-2389	Exec No Budget Training			0.00	4,750.00	---
1210-2390	Apprentices & Trainees			0.00	14,250.00	---
1210-2391	Learning Seat			0.00	18,430.00	---
1210-2392	Employee Dev. & Recognition Programs			0.00	13,775.00	---
1210-0004	EXECUTIVE SERVICES L&D TOTAL	0.00	0.00	0.00	60,230.00	---



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Revenue and Expenditure Budget

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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
1220-0004	CORPORATE & COMMUNITY L&D					
1220-2381	Corp & Community Conferences			0.00	11,875.00	---%
1220-2382	Corp & Community Professional Dev			0.00	4,750.00	---%
1220-2383	Corp & Community Core Training			0.00	11,875.00	---%
1220-2389	Corp & Community No Budget Training			0.00	4,750.00	---%
1220-0004	CORPORATE & COMMUNITY L&D TOTAL	0.00	0.00	0%	33,250.00	---%
1230-0004	DEVELOPMENT & ENVIRONMENT L&D					
1230-2381	Develop & Environ Conferences			0.00	7,600.00	---%
1230-2382	Develop & Environ Professional Dev			0.00	13,300.00	---%
1230-2383	Develop & Environ Core Training			0.00	3,800.00	---%
1230-2389	Dev & Env No Budget Training			0.00	4,750.00	---%
1230-0004	DEVELOPMENT & ENVIRONMENT L&D TOTAL	0.00	0.00	0%	29,450.00	---%
1250-0004	WATER SUPPLY & SEWERAGE L&D					
1250-2381	WS&S Conferences			0.00	4,750.00	---%
1250-2382	WS&S Professional Development			0.00	9,500.00	---%
1250-2383	WS&S Core Training			0.00	42,750.00	---%
1250-2389	WS&S No Budget Training			0.00	4,750.00	---%
1250-0004	WATER SUPPLY & SEWERAGE L&D TOTAL	0.00	0.00	0%	61,750.00	---%
1260-0004	INFRASTRUCTURE SERVICES L&D					
1260-2381	Infrastructure Conferences			0.00	4,750.00	---%
1260-2382	Infrastructure Professional Develop			0.00	9,500.00	---%
1260-2383	Infrastructure Core Training			0.00	4,750.00	---%
1260-2389	Infra No Budget Training			0.00	4,750.00	---%
1260-0004	INFRASTRUCTURE SERVICES L&D TOTAL	0.00	0.00	0%	23,750.00	---%
1270-0004	WORKS L&D					
1270-2381	Works Conferences			0.00	3,325.00	---%
1270-2382	Works Professional Development			0.00	7,600.00	---%
1270-2383	Works Core Training			0.00	57,000.00	---%
1270-2389	Works No Budget Training			0.00	4,750.00	---%
1270-0004	WORKS L&D TOTAL	0.00	0.00	0%	72,675.00	---%
1280-0004	DISASTER MANAGEMENT L & D					
1280-2381	L & D - Disaster Management Conferen			0.00	4,750.00	---%
1280-2382	L & D - Disaster Man Professional Dev			0.00	1,900.00	---%
1280-2383	L & D - Disaster Man Core Training			0.00	67.00	---%
1280-2389	L & D - Disaster Man No Budget Train			0.00	0.00	0%
1280-0004	DISASTER MANAGEMENT L & D TOTAL	0.00	0.00	0%	6,717.00	---%



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Revenue and Expenditure Budget

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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		2019/2020 Budget	2019/2020 Budget	2019/2020 Budget	2019/2020 Budget	
1200-0003	LEARNING AND DEVELOPMENT TOTAL	0.00	0.00	0%	0.00	287,822.00 ---%
1100-0002	*HUMAN RESOURCES* TOTAL	0.00	0.00	0%	0.00	1,458,222.00 ---%
1000-0001	**1000's ACCOUNTS** TOTAL	0.00	0.00	0%	0.00	3,171,997.00 ---%
2000-0001	**2000's ACCOUNTS**					
2000-0002	*ADMINISTRATION SERVICES*					
2000-0003	RATES & CHARGES					
2010-0004	GENERAL RATES					
2010-1100	Urban Rates	0.00	24,894,000.00	---		
2010-1101	Rural Rates	0.00	0.00	0%		
2010-1102	Rural Residential Rates	0.00	0.00	0%		
2010-1103	Mining Rates	0.00	0.00	0%		
2010-1140	Interest-Urban Rates	0.00	60,000.00	---		
2010-1141	Interest-Rural Rates	0.00	0.00	0%		
2010-1142	Interest-Rural Residential Rates	0.00	0.00	0%		
2010-1143	Interest-Mining Rates	0.00	0.00	0%		
2010-1160	Discount-Urban Rates	0.00	(2,240,460.00)	---		
2010-1161	Discount-Rural Rates	0.00	0.00	0%		
2010-1162	Discount-Rural Residential Rates	0.00	0.00	0%		
2010-1163	Discount-Mining Rates	0.00	0.00	0%		
2010-1170	Govt Pension Rebate Granted	0.00	(125,000.00)	---		
2010-1180	Council Pension Rebate-Urban	0.00	(208,320.00)	---		
2010-1181	Council Pension Rebate-Rural	0.00	0.00	0%		
2010-1182	Council Pension Rebate-Rural Residen	0.00	0.00	0%		
2010-1190	Write Off Rates	0.00	(5,000.00)	---		
2010-1191	Write Off-Rural Rates	0.00	0.00	0%		
2010-1192	Write Off-Rural Residential Rates	0.00	0.00	0%		
2010-1193	Write Off-Mining Rates	0.00	0.00	0%		
2010-1194	Rate Concessions-Sporting&Comm Group	0.00	(130,000.00)	---		
2010-1195	Rate Concessions-Retirement Homes	0.00	(300,000.00)	---		
2010-1400	Govt Pension Rebate Received	0.00	128,000.00	---		
2010-0004	GENERAL RATES TOTAL	0.00	22,073,220.00	---	0.00	0.00 0%
2020-0004	SPECIAL RATES					
2022-1100	Retirement Rates Levy	0.00	300,000.00	---		
2022-1140	Interest-Retirement Units Rate	0.00	0.00	0%		
2022-1160	Discount-Retirements Units	0.00	(27,000.00)	---		
2022-1190	Rates Write Off-Retirements Units	0.00	0.00	0%		
2020-0004	SPECIAL RATES TOTAL	0.00	273,000.00	---	0.00	0.00 0%



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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
		-----	-----	-----	-----	
2000-0003	RATES & CHARGES TOTAL	0.00	22,346,220.00	---	0.00	0%
2100-0003	ADMINISTRATION SERVICE-OTHER					
2100-1050	Subsidies	0.00	0.00			0%
2100-1280	Fees-Search Fees	0.00	40,000.00	---		0%
2100-1282	Valuation Fees	0.00	0.00			0%
2100-1285	Fees-Right to Information	0.00	0.00			0%
2100-1290	Levy Collection Fees	0.00	0.00			0%
2100-1300	Miscellaneous Receipts	0.00	2,000.00	---		0%
2100-1400	Insurance Receipts No GST	0.00	0.00			0%
2100-2160	Admin Services - Depreciation			0.00	0.00	0%
2100-2200	Admin Services Employee Costs			0.00	1,019,600.00	---
2100-2380	Admin Services Operating Expenses			0.00	175,750.00	---
2100-0003	ADMINISTRATION SERVICE-OTHER TOTAL	0.00	42,000.00	---	0.00	1,195,350.00
2000-0002	*ADMINISTRATION SERVICES* TOTAL	0.00	22,388,220.00	---	0.00	1,195,350.00
2200-0002	*FINANCIAL SERVICES*					
2200-0003	FINANCIAL GRANTS & OPERATION					
2200-1010	Financial Assistance Grants	0.00	4,964,913.00	---		0%
2200-1020	W4Q Operating Grant	0.00	2,000.00	---		0%
2200-1300	Finance-Miscellaneous Rec	0.00	0.00			0%
2200-1999	Job Cost Transfer Suspense	0.00	0.00			0%
2200-2200	Employee Costs			0.00	873,905.00	---
2200-2300	Consolidated Loan Interest			0.00	416,221.00	---
2200-2350	W4Q - Operating Expenditure			0.00	0.00	0%
2200-2380	Finance Operating Expenses			0.00	180,500.00	---
2200-2381	Audit Costs			0.00	97,500.00	---
2200-2749	Payroll Tax			0.00	115,000.00	---
2200-2750	Fringe Benefits Tax			0.00	145,000.00	---
2200-0003	FINANCIAL GRANTS & OPERATION TOTAL	0.00	4,966,913.00	---	0.00	1,828,126.00
2210-0003	BANKING & INVESTMENT					
2210-0004	BANKING					
2210-1250	Interest - Bank Investments	0.00	85,000.00	---		0%
2210-1251	Interest - QTC	0.00	450,000.00	---		0%
2210-1310	BANK - Debt Collection Recovery	0.00	50,000.00	---		0%
2210-2040	Bank Charges			0.00	65,000.00	---
2210-2041	QTC Bank Charges			0.00	42,000.00	---
2210-2045	Bad Debts Expense			0.00	9,500.00	---
2210-2046	Debt Collection Expense			0.00	150,000.00	---
2210-2050	CASH Float - Losses			0.00	0.00	0%
2210-2060	Cents Rounding			0.00	0.00	0%



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			REVENUE		EXPENDITURE	
			2019/2020	2019/2020	2019/2020	2019/2020
			Budget	Budget	Budget	Budget
			-----	-----	-----	-----
2210-0004	BANKING TOTAL	0.00	585,000.00	---	0.00	266,500.00
2210-0003	BANKING & INVESTMENT TOTAL	0.00	585,000.00	---	0.00	266,500.00
2200-0002	*FINANCIAL SERVICES* TOTAL	0.00	5,551,913.00	---	0.00	2,094,626.00
2300-0002	*ONCOSTS*					
2300-0003	EMPLOYEE COSTS					
2300-1400	LSL Recoupments from other Councils	0.00	0.00	0%		
2300-1401	Parental Leave Reimbursements	0.00	40,000.00	---		
2300-1732	Annual Leave Oncost Recovery	0.00	1,600,000.00	---		
2300-1735	FP&LT Oncost Recovery	0.00	55,000.00	---		
2300-1736	Long Service Leave Oncost Recovery	0.00	500,000.00	---		
2300-1737	Public Holidays Oncost Recovery	0.00	750,000.00	---		
2300-1739	Sick Oncost Recovery	0.00	750,000.00	---		
2300-1740	Public Liability Ins Oncost Recovery	0.00	180,000.00	---		
2300-1741	Superannuation Oncost Recovery	0.00	2,100,000.00	---		
2300-1742	Training Wages Oncost Recovery	0.00	0.00	0%		
2300-1743	Uniforms Oncost Recovery	0.00	90,000.00	---		
2300-1744	Wet Weather Oncost Recovery	0.00	200,000.00	---		
2300-1745	Workers Compensation Oncost Recovery	0.00	240,000.00	---		
2300-1747	Other Leave Recovery	0.00	60,000.00	---		
2300-2732	Annual Leave Exp Ac			0.00	1,600,000.00	---
2300-2733	Rostered Day Off Expense Ac			0.00	0.00	0%
2300-2734	Time Off In Lieu Expense Ac			0.00	0.00	0%
2300-2735	FP&LT			0.00	55,000.00	---
2300-2736	Long Service Leave Expense Ac			0.00	500,000.00	---
2300-2737	Public Holidays			0.00	750,000.00	---
2300-2739	Sick Leave			0.00	750,000.00	---
2300-2740	Public Liability Insurance			0.00	180,000.00	---
2300-2741	Superannuation			0.00	2,100,000.00	---
2300-2742	Training Wages			0.00	0.00	0%
2300-2743	Employees Uniforms			0.00	90,000.00	---
2300-2744	Wet Weather			0.00	200,000.00	---
2300-2745	Workers Compensation Insurance			0.00	240,000.00	---
2300-2747	Other Leave			0.00	100,000.00	---
2300-2748	Leave Without Pay			0.00	0.00	0%
2300-2749	Wages in Advance			0.00	0.00	0%
2300-0003	EMPLOYEE COSTS TOTAL	0.00	6,565,000.00	---	0.00	6,565,000.00
2310-0003	WORKS SUPERVISION					
2310-1734	Depot Admin Expenses Oncost Recovery	0.00	320,000.00	---		
2310-1746	Works Supervision Oncost Recovery	0.00	1,500,000.00	---		
2310-2734	Depot Administration Expenses			0.00	304,000.00	---
2310-2746	Works Supervision			0.00	1,400,000.00	---
2310-0003	WORKS SUPERVISION TOTAL	0.00	1,820,000.00	---	0.00	1,704,000.00



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		REVENUE		EXPENDITURE			
		2019/2020	2019/2020	2019/2020	2019/2020		
		Budget	Budget	Budget	Budget		
		????/????	????/????	????/????	????/????		
2320-0003	STORES						
2320-1300	Sales Receipts	0.00	0.00	0%			
2320-1380	Stores Oncost Recovery	0.00	400,100.00	---			
2320-2200	Employee Costs			0.00	323,095.00	---	
2320-2380	Store Operating Expenses			0.00	52,250.00	---	
2320-2785	Stock Discrepancies			0.00	4,750.00	---	
2320-0003	STORES TOTAL	0.00	400,100.00	---	0.00	380,095.00	---
2300-0002	*ONCOSTS* TOTAL	0.00	8,785,100.00	---	0.00	8,649,095.00	---
2350-0002	*INFORMATION & COMMUNICATION TECHNO*						
2350-0003	INFORMATION & COMMUNICATION TECHNOLO						
2350-1050	Information Technologies Subsidies	0.00	0.00	0%			
2350-1280	Misc Income	0.00	0.00	0%			
2350-2160	Depreciation - ICT			0.00	0.00		0%
2350-2200	Employee Costs			0.00	334,115.00	---	
2350-2380	Operating & Maintenance Expenses			0.00	19,000.00	---	
2350-2381	ICT Communications			0.00	158,270.00	---	
2350-2480	Licences & Software Expenses			0.00	574,727.00	---	
2350-0003	INFORMATION & COMMUNICATION TECHNOLO TOTAL	0.00	0.00	0%	0.00	1,086,112.00	---
2350-0002	*INFORMATION & COMMUNICATION TECHNO* TOTAL	0.00	0.00	0%	0.00	1,086,112.00	---
2500-0002	*SUSPENSE & CONTROL ACCOUNTS*						
2650-0003	PAYROLL CONTROL						
2670-2550	FINANCE-Impairment of Land Inventory			0.00	0.00		0%
2650-0003	PAYROLL CONTROL TOTAL	0.00	0.00	0%	0.00	0.00	0%
2500-0002	*SUSPENSE & CONTROL ACCOUNTS* TOTAL	0.00	0.00	0%	0.00	0.00	0%
2680-0002	NON CURRENT ASSETS						
2680-0003	ASSET CONTROLS						
2680-1380	Profit/Loss on Disposal of Assets	0.00	0.00	0%			
2680-1390	Contributed Assets Received	0.00	0.00	0%			
2680-2500	Reval Loss - Assets Expense Ac			0.00	0.00		0%
2680-2510	Assets Contributed to Third Party			0.00	0.00		0%
2680-0003	ASSET CONTROLS TOTAL	0.00	0.00	0%	0.00	0.00	0%



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		REVENUE		EXPENDITURE	
		2019/2020	2019/2020	2019/2020	2019/2020
		Budget	Budget	Budget	Budget
		0.00	0.00	0.00	0.00
2680-0002	NON CURRENT ASSETS TOTAL	0.00	0.00	0.00	0.00
2000-0001	**2000's ACCOUNTS** TOTAL	0.00	36,725,233.00	0.00	13,025,183.00
3000-0001	**3000's ACCOUNTS**				
3000-0002	*COMMERCIAL SERVICES*				
3120-0003	HEALTH & ENVIRONMENT				
3120-1050	HEALTH & ENV - Subsidies	0.00	0.00	0.00	0.00
3120-1290	Licence Fees	0.00	45,000.00	0.00	0.00
3120-1300	Miscellaneous Receipts	0.00	0.00	0.00	0.00
3120-1301	SPER-Infringement Notices	0.00	5,000.00	0.00	0.00
3120-2200	Employee Costs			0.00	389,500.00
3120-2380	Operating Expenses			0.00	76,000.00
3120-2381	Environmental Sustainability Contrib			0.00	0.00
3120-0003	HEALTH & ENVIRONMENT TOTAL	0.00	50,000.00	0.00	465,500.00
3150-0003	LAND PROTECTION&STOCK ROUTES				
3150-0004	LAND PROTECTION				
3150-1300	Sales Receipts	0.00	5,000.00	0.00	0.00
3150-1301	Land Pro-Main Roads Pest Mgmt Receipt	0.00	50,000.00	0.00	0.00
3150-1302	LAND PRO-Rubbervine Control Program	0.00	0.00	0.00	0.00
3150-1340	Impounding Fees	0.00	0.00	0.00	0.00
3150-1341	Impounding Transport Fees - GST Inc	0.00	0.00	0.00	0.00
3150-1350	Agistment Fees & Charges	0.00	0.00	0.00	0.00
3150-2200	Employee Costs			0.00	570,000.00
3150-2380	Operating Expenses			0.00	190,000.00
3150-2480	Maintenance Expenses			0.00	0.00
3150-0004	LAND PROTECTION TOTAL	0.00	55,000.00	0.00	760,000.00
3160-0004	STOCK ROUTES				
3160-1050	Subsidies	0.00	0.00	0.00	0.00
3160-1300	Stock Routes Receipts	0.00	20,000.00	0.00	0.00
3160-2370	Reimbursement to State Governmen-50%			0.00	0.00
3160-2380	Operating Expenses			0.00	9,500.00
3160-0004	STOCK ROUTES TOTAL	0.00	20,000.00	0.00	9,500.00
3165-0004	SALEYARDS & CLEARING DIP				
3165-1300	Taroom Saleyards&Clearing Dip Income	0.00	75,000.00	0.00	47,500.00
3165-2380	Taroom Saleyards&Dip Operating Exp			0.00	0.00
3165-0004	SALEYARDS & CLEARING DIP TOTAL	0.00	75,000.00	0.00	47,500.00



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		REVENUE		EXPENDITURE	
		2019/2020	2019/2020	2019/2020	2019/2020
		Budget	Budget	Budget	Budget
		-----	-----	-----	-----
3150-0003	LAND PROTECTION&STOCK ROUTES TOTAL	0.00	150,000.00	0.00	817,000.00
3170-0003	ANIMAL CONTROL				
3170-1010	ANIMAL-Animal Management Grants	0.00	0.00	0%	
3170-1190	ANIMAL-Write-off-Animal Registration	0.00	0.00	0%	
3170-1290	Registration & Microchip Fees	0.00	60,000.00	---	
3170-1291	Dangerous Dog Sign	0.00	0.00	0%	
3170-1299	Discount - Animal Registrations	0.00	0.00	0%	
3170-1300	Hire Equipment	0.00	0.00	0%	
3170-1340	Impounding & Disposal Fees	0.00	0.00	0%	
3170-2200	Employee Costs			0.00	250,990.00
3170-2380	Operating Expenses			0.00	61,750.00
3170-2381	ANIMALS-Internal Operating Exp			0.00	0.00
3170-2480	Maintenance Expenses			0.00	4,750.00
3170-0003	ANIMAL CONTROL TOTAL	0.00	60,000.00	---	317,490.00
3000-0002	*COMMERCIAL SERVICES* TOTAL	0.00	260,000.00	---	1,599,990.00
3190-0002	*COMMUNITY & DEVELOPMENT*				
3190-0003	COMMUNITY DEVELOPMENT				
3190-1010	COMM DEVEL-Op Grants/Subs	0.00	0.00	0%	
3190-1050	COMM DEVEL-Capital Grants & Subsidie	0.00	0.00	0%	
3190-1280	Receipts-Community Transport Service	0.00	0.00	0%	
3190-1300	COM DEVEL - Miscellaneous Receipts	0.00	0.00	0%	
3190-2120	Grants & Donations			0.00	140,000.00
3190-2200	Employee Costs			0.00	82,365.00
3190-2380	Operating Expenses			0.00	50,530.00
3190-2381	COM DEVEL - Community Planning Op Ex			0.00	4,750.00
3190-0003	COMMUNITY DEVELOPMENT TOTAL	0.00	0.00	0%	277,645.00
3200-0003	SHOWGROUNDS/SPORTS GROUNDS				
3200-2380	Operating & Maintenance Expenses			0.00	95,000.00
3200-0003	SHOWGROUNDS/SPORTS GROUNDS TOTAL	0.00	0.00	0%	95,000.00
3300-0003	LIBRARIES				
3300-1010	Library Grant	0.00	85,000.00	---	
3300-1280	Book Replacement Income	0.00	1,000.00	---	
3300-1290	Book Sales	0.00	300.00	---	
3300-1300	Fees & Charges	0.00	16,600.00	---	
3300-2200	Employee Costs			0.00	597,930.00
3300-2380	Operating Expenses			0.00	285,000.00
3300-0003	LIBRARIES TOTAL	0.00	102,900.00	---	882,930.00



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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
3350-0003	COMMUNITY RESOURCE CENTRE MANAGEMENT					
3350-1010	CRC Grants Received	0.00	432,000.00	---	---	---
3350-1011	CRC-Community Contributions	0.00	0.00	0%	0%	0%
3350-1275	Application Fees	0.00	10,000.00	---	---	---
3350-1300	Sales Receipts	0.00	1,000.00	---	---	---
3350-1301	CRC Internal Sales	0.00	200.00	---	---	---
3350-1305	External Contract Services	0.00	0.00	0%	0%	0%
3350-1310	CRC-Community Contributions	0.00	0.00	0%	0%	0%
3350-1360	Hire Hall	0.00	10,500.00	---	---	---
3350-1400	CRC-NDIS Program	0.00	0.00	0%	0%	0%
3350-2160	Depreciation-CRC			0.00	35,769.00	---
3350-2200	CRC Employee Costs			0.00	182,305.00	---
3350-2380	Operating Expenses			0.00	518,100.00	---
3350-2500	CRC-NDIS Program			0.00	14,250.00	---
3350-0003	COMMUNITY RESOURCE CENTRE MANAGEMENT TOTAL	0.00	453,700.00	---	750,424.00	---
3370-0003	HOME AND COMMUNITIY CARE					
3370-1050	Government Operating Subsidies	0.00	216,002.00	---	---	---
3370-1300	HACC-Community Care Recoupments	0.00	2,500.00	---	---	---
3370-1301	HACC - Medical Transport Recoupments	0.00	2,500.00	---	---	---
3370-2380	Home & Communitiy Care Operating Exp			0.00	216,002.00	---
3370-2382	HACC-Operating Expenses-STATE			0.00	0.00	0%
3370-0003	HOME AND COMMUNITIY CARE TOTAL	0.00	221,002.00	---	216,002.00	---
3400-0003	TOURISM & PROMOTION					
3400-0004	TOURISM					
3400-1300	TOUR Miscellaneous Receipts	0.00	0.00	0%	0%	0%
3400-1310	Corp & Comm Contributions	0.00	0.00	0%	0%	0%
3400-1360	Equipment Hire & Deposits	0.00	0.00	0%	0%	0%
3400-2380	Operating Expenses			0.00	173,760.00	---
3400-0004	TOURISM TOTAL	0.00	0.00	0%	173,760.00	---
3420-0004	PROMOTION					
3420-1300	Promotion - Misc Receipts	0.00	0.00	0%	0%	0%
3420-1301	Promotion - Hire of Equipment	0.00	0.00	0%	0%	0%
3420-1302	Promotion - MATES Program	0.00	0.00	0%	0%	0%
3420-2380	Operating Expenses			0.00	19,000.00	---
3420-2382	Promotion - MATES Program Expenses			0.00	0.00	0%
3420-0004	PROMOTION TOTAL	0.00	0.00	0%	19,000.00	---
3400-0003	TOURISM & PROMOTION TOTAL	0.00	0.00	0%	192,760.00	---



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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
3450-0003	ARTS & CULTURES					
3450-0004	REGIONAL ARTS DEVELOPMENT FUND					
3450-1010	RADF State Grants Received	0.00	30,000.00	---		
3450-2200	RADF Employee Costs			0.00	0.00	0%
3450-2380	RADF Grants to Locals			0.00	42,857.00	---
3450-2400	Returned Funds Spent			0.00	0.00	0%
3450-0004	REGIONAL ARTS DEVELOPMENT FUND TOTAL	0.00	30,000.00	---	42,857.00	---
3451-0004	ARTS & CULTURE OTHER					
3451-1282	ARTS&CULT-Exhibition Venue Hire	0.00	1,225.00	---		
3451-1283	Workshop Hire	0.00	0.00	0%		
3451-1284	Exhibition Sales - Commission	0.00	1,500.00	---		
3451-1301	ARTS&CULT-Miscellaneous Receipts	0.00	500.00	---		
3451-2182	Exhibition Fees			0.00	9,500.00	---
3451-2200	Employee Costs			0.00	69,635.00	---
3451-2380	Operating Expenses			0.00	19,000.00	---
3451-2381	Unspent Grants Returned			0.00	0.00	0%
3451-0004	ARTS & CULTURE OTHER TOTAL	0.00	3,225.00	---	98,135.00	---
3450-0003	ARTS & CULTURES TOTAL	0.00	33,225.00	---	140,992.00	---
3190-0002	*COMMUNITY & DEVELOPMENT* TOTAL	0.00	810,827.00	---	2,555,753.00	---
3500-0002	BUILT ENVIRONMENT					
3500-0003	CORPORATE BUILDINGS & LEASES					
3500-0004	CORPORATE BUILDINGS					
3500-1050	Capital Subsidies-Buildings NO GST	0.00	972,000.00	---		
3500-1300	BUILT-Miscellaneous Receipts/Sales	0.00	0.00	0%		
3500-1310	Community Contributions	0.00	50,000.00	---		
3500-1320	Corporate Contributions	0.00	5,843.00	---		
3500-1400	Insurance Receipts	0.00	0.00	0%		
3500-1420	Commercial Rent Receipts	0.00	0.00	0%		
3500-2160	Depreciation - Corporate Buildings			0.00	2,197,672.00	---
3500-2200	Built Environment - Employee Costs			0.00	211,660.00	---
3500-2380	Corporate Buildings MaintenanceExpen			0.00	807,500.00	---
3500-0004	CORPORATE BUILDINGS TOTAL	0.00	1,027,843.00	---	3,216,832.00	---
3501-0004	CORPORATE LEASE HOUSING					
3501-1300	CORP LEASING Miscellaneous Receipts	0.00	1,000.00	---		
3501-1420	Council Premises-Rent Receipts	0.00	160,000.00	---		
3501-1421	RENT RECEIPTS - Transit Accommodatio	0.00	0.00	0%		
3501-1422	INTERNAL RENT REC. - Transit Accommm	0.00	90,000.00	---		



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		REVENUE		EXPENDITURE		
		2019/2020	2019/2020	2019/2020	2019/2020	
		Budget	Budget	Budget	Budget	
3501-1423	Queensland Rail Leases	0.00	49,000.00	---	0.00	---
3501-1424	Lake Callide Retreat Receipts	0.00	30,000.00	---	0.00	---
3501-1425	INTERNAL Receipts-Lake Callide	0.00	0.00	0%	0.00	0%
3501-2160	Depreciation-Lake Callide Retreat				18,477.00	---
3501-2380	DO NOT USE-Leased Houses Operatig Ex				0.00	0%
3501-2385	TRANS-Transit Accommodation Operatin				47,500.00	---
3501-2481	LEASES - Operating Expenses				23,750.00	---
3501-2482	Callide Dam Rentals Operating Exp				47,500.00	---
3501-2483	Queensland Rail Leased Land Expenses				24,000.00	---
3501-2500	Council Premises-Operating Expenses				131,100.00	---
3501-0004	CORPORATE LEASE HOUSING TOTAL	0.00	330,000.00	---	292,327.00	---
3500-0003	CORPORATE BUILDINGS & LEASES TOTAL	0.00	1,357,843.00	---	3,509,159.00	---
3503-0003	PUBLIC BUILDINGS					
3503-0004	CIVIC CENTRE					
3503-1050	Capital Subsidies	0.00	0.00	0%		
3503-1280	Hire Biloela Civic Centre	0.00	10,000.00	---		
3503-1300	CIVIC CENTRE - Ticket Sales	0.00	0.00	0%		
3503-1400	Recoupment of Expenses	0.00	0.00	0%		
3503-1401	CIVIC CENT-Insurance Receipts	0.00	0.00	0%		
3503-1420	CIVIC CENTRE - Rent Receipts	0.00	15,000.00	---		
3503-2380	Operating Expenses				228,000.00	---
3503-2480	Civic Centre Repairs & Maintenance				0.00	0%
3503-0004	CIVIC CENTRE TOTAL	0.00	25,000.00	---	228,000.00	---
3504-0004	KIANGA HALL					
3504-1280	Hire Kianga Hall	0.00	0.00	0%		
3504-2380	Kianga Hall Operating Expenses				38,000.00	---
3504-0004	KIANGA HALL TOTAL	0.00	0.00	0%	38,000.00	---
3510-0004	PUBLIC HALL (OTHER)					
3510-1280	Hire Hall	0.00	8,000.00	---		
3510-1300	Sports Fields Other Revenue	0.00	20,000.00	---		
3510-1310	Community Contributions	0.00	0.00	0%		
3510-2380	Public Halls Operating Expenses				228,000.00	---
3510-0004	PUBLIC HALL (OTHER) TOTAL	0.00	28,000.00	---	228,000.00	---
3503-0003	PUBLIC BUILDINGS TOTAL	0.00	53,000.00	---	494,000.00	---



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		REVENUE		EXPENDITURE		
		2019/2020	2019/2020	2019/2020	2019/2020	
		Budget	Budget	Budget	Budget	
3700-0003	SWIMMING POOLS					
3703-0004	BILOELA SWIMMING POOL					
3703-1280	Fees & Charges	0.00	0.00	0%		
3703-1300	Miscellaneous Receipts-GST Incl	0.00	0.00	0%		
3703-2160	Depreciation			0.00	100,294.00	---
3703-2380	Operation Expenses			0.00	285,000.00	---
3703-2480	Maintenance Expenses			0.00	57,000.00	---
3703-0004	BILOELA SWIMMING POOL TOTAL	0.00	0.00	0%	442,294.00	---
3709-0004	MOURA SWIMMING POOL					
3709-1280	Fees & Charges	0.00	0.00	0%		
3709-1300	Miscellaneous Receipts-GST Incl	0.00	0.00	0%		
3709-1310	Community Contributions	0.00	0.00	0%		
3709-1420	POOL MOURA - Rent Receipts	0.00	0.00	0%		
3709-2160	Depreciation			0.00	97,527.00	---
3709-2380	Operating Expenses			0.00	237,500.00	---
3709-2480	Maintenance Expenses			0.00	57,000.00	---
3709-0004	MOURA SWIMMING POOL TOTAL	0.00	0.00	0%	392,027.00	---
3710-0004	TAROOM SWIMMING POOL					
3710-1280	Fees & Charges	0.00	0.00	0%		
3710-2160	Depreciation			0.00	34,391.00	---
3710-2380	Operating Expenses			0.00	142,500.00	---
3710-2480	Maintenance Expenses			0.00	15,200.00	---
3710-0004	TAROOM SWIMMING POOL TOTAL	0.00	0.00	0%	192,091.00	---
3700-0003	SWIMMING POOLS TOTAL	0.00	0.00	0%	1,026,412.00	---
3500-0002	BUILT ENVIRONMENT TOTAL	0.00	1,410,843.00	---	0.00	5,029,571.00
3800-0002	*ENVIRONMENTAL WASTE*					
3800-0003	CLEANSING					
3800-1120	CLEAN-Garbage Charges	0.00	2,734,450.00	---		
3800-1140	CLEAN-Garbage Interest	0.00	15,000.00	---		
3800-1160	CLEAN-Garbage Discount	0.00	(246,100.00)	---		
3800-1180	CLEAN-Write-off Garbage Charges	0.00	0.00	0%		
3800-1280	CLEAN-Fees&Charges	0.00	0.00	0%		
3800-1300	CLEAN-Miscellaneous Receipts	0.00	35,000.00	---		
3800-2200	CLEAN-Employee Costs			0.00	118,275.00	---
3800-2380	CLEAN-Operating Expenses			0.00	688,750.00	---
3800-2382	CLEAN-Disaster Cleanup Costs			0.00	0.00	0%
3800-0003	CLEANSING TOTAL	0.00	2,538,350.00	---	0.00	807,025.00



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		REVENUE		EXPENDITURE	
		2019/2020		2019/2020	
		Budget		Budget	
		????/????		????/????	
		Budget		Budget	
3820-0003	ENVIRONMENTAL LEVY				
3820-1100	ENVIRON-Urban Levy	0.00	491,412.00	---	%
3820-1101	ENVIRON-Rural Levy	0.00	232,629.00	---	%
3820-1102	ENVIRON-Rural Residential Levy	0.00	0.00	0%	
3820-1103	ENVIRON-Mining Levy	0.00	0.00	0%	
3820-1131	ENVIRON-Rural Discount	0.00	0.00	0%	
3820-1140	ENVIRON-Urban Interest	0.00	5,000.00	---	%
3820-1141	ENVIRON-Rural Interest	0.00	0.00	0%	
3820-1142	ENVIRON-Rural Residential Interest	0.00	0.00	0%	
3820-1143	ENVIRON-Mining, Extract&Petroleum Int	0.00	0.00	0%	
3820-1160	ENVIRON-Urban Discount	0.00	(44,227.00)	---	%
3820-1161	ENVIRON-Rural Discount	0.00	(20,937.00)	---	%
3820-1162	ENVIRON-Rural Residential Discount	0.00	0.00	0%	
3820-1163	ENVIRON-Mining, Extract, petrol Disc	0.00	0.00	0%	
3820-1190	ENVIRON-Urban Write-off	0.00	0.00	0%	
3820-1191	ENVIRON-Rural Write-off	0.00	0.00	0%	
3820-1192	ENVIRON-Rural Residential Write-off	0.00	0.00	0%	
3820-1193	ENVIRON-Mining Write-off	0.00	0.00	0%	
3820-0003	ENVIRONMENTAL LEVY TOTAL	0.00	663,877.00	---	%
3840-0003	WASTE FACILITIES				
3840-1010	WASTE-Operating Grants	0.00	18,000.00	---	%
3840-1050	WASTE-Capital Grants	0.00	200,000.00	---	%
3840-1280	WASTE-Fees & Charges	0.00	535,000.00	---	%
3840-2160	WASTE-Dep'n Waste Infrastructure			0.00	32,720.00
3840-2161	WASTE-Amortisation Waste Sites			0.00	0.00
3840-2165	WASTE-Restoration Finance Cost			0.00	0.00
3840-2380	WASTE-Operating Expenses			0.00	1,425,000.00
3840-2385	WASTE-General Operating Expenses			0.00	857,850.00
3840-2390	WASTE-Strategic Planning Expenses			0.00	855,000.00
3860-0004	WASTE FACILITIES-TRAP GULLY				
3860-1280	TRAP GULLY-Fees&Charges	0.00	955,705.00	---	%
3860-1281	TRAP GULLY-Internal Disposal Charges	0.00	200,000.00	---	%
3860-2380	TRAP GULLY-Operating Expenses			0.00	570,000.00
3860-0004	WASTE FACILITIES-TRAP GULLY TOTAL	0.00	1,155,705.00	---	%
3840-0003	WASTE FACILITIES TOTAL	0.00	1,908,705.00	---	%
3800-0002	*ENVIRONMENTAL WASTE* TOTAL	0.00	5,110,932.00	---	%
3000-0001	**3000's ACCOUNTS** TOTAL	0.00	7,592,602.00	---	%
4000-0001	**4000's ACCOUNTS**				
4000-0002	*DEVELOPMENT & ENVIRONMENT SERVICES*				
4000-0003	*DEV & ENVIRONMENTAL ADMINISTRATION*				
4000-2200	Employee Costs			0.00	461,605.00



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Banana Shire Council (Budget for full year)

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		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
4000-2380	Operating Expenses			0.00	14,250.00	---%
4000-0003	*DEV & ENVIRONMENTAL ADMINISTRATION* TOTAL	0.00	0.00	0%	475,855.00	---%
4000-0002	*DEVELOPMENT & ENVIRONMENT SERVICES* TOTAL	0.00	0.00	0%	475,855.00	---%
4150-0002	*BUILDING & DEVELOPMENT *					
4150-0003	BUILDING APPLICATIONS					
4150-1275	Building Application Fees	0.00	85,000.00	---		---
4150-1276	Plumbing Application Fees	0.00	55,000.00	---		---
4150-1277	Internal Building Application Fees	0.00	0.00	0%		0%
4150-1278	Internal Plumbing Application Fees	0.00	0.00	0%		0%
4150-1280	Fees and Charges	0.00	0.00	0%		0%
4150-1300	Sales Receipts	0.00	0.00	0%		0%
4150-2200	Employee Costs			0.00	114,000.00	---
4150-2260	Legal Expenses			0.00	0.00	0%
4150-2380	Operating Expenses			0.00	47,500.00	---
4200-2380	LAND DEVELOPMENT Operating Expenses			0.00	23,750.00	---
4150-0003	BUILDING APPLICATIONS TOTAL	0.00	140,000.00	---	185,250.00	---
4150-0002	*BUILDING & DEVELOPMENT * TOTAL	0.00	140,000.00	---	185,250.00	---
4500-0002	*PLANNING ACT*					
4500-0003	PA APPLICATIONS					
4500-1050	Capital Grants	0.00	0.00	0%		0%
4500-1265	Infrastructure Contributions	0.00	0.00	0%		0%
4500-1275	Development Application Fees GST Inc	0.00	65,000.00	---		---
4500-2200	Employee Costs			0.00	198,455.00	---
4500-2380	Operating Expenses			0.00	57,000.00	---
4500-2382	Mapping & Software			0.00	19,000.00	---
4500-2383	Planning Scheme			0.00	28,500.00	---
4500-0003	PA APPLICATIONS TOTAL	0.00	65,000.00	---	302,955.00	---
4500-0002	*PLANNING ACT* TOTAL	0.00	65,000.00	---	302,955.00	---
4000-0001	**4000's ACCOUNTS** TOTAL	0.00	205,000.00	---	964,060.00	---
5000-0001	**5000's ACCOUNTS**					
5000-0002	*PLANT & EQUIPMENT*					
5000-0003	PLANT FLEET MANAGEMENT					
5000-1050	Federal Fuel Rebate Grant (ATO & BAS)	0.00	160,000.00	---		---



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		REVENUE		EXPENDITURE	
		????/????	2019/2020	????/????	2019/2020
		Budget	Budget	Budget	Budget
5000-1051	State Fuel Rebate(OfficeStateRevenue)	0.00	0.00		
5000-1300	Plant Misc Receipts/Sales	0.00	5,000.00		
5000-1301	PLANT-Plant Auction Revenue	0.00	15,000.00		
5000-1302	PLANT-External Lease Recoveries	0.00	0.00		
5000-1305	DUNN ST - Rental Income	0.00	5,000.00		
5000-1360	Plant Hire Recovery	0.00	7,500,000.00		
5000-1362	PLANT-Internal Plant Hire Recoveries	0.00	0.00		
5000-1401	PLANT-Insurance Receipts	0.00	16,000.00		
5000-1600	Licence Fees	0.00	0.00		
5000-2160	Depreciation - Plant			0.00	920,233.00
5000-2200	Employee Costs			0.00	261,440.00
5000-2380	Plant Operating Expenses			0.00	1,995,000.00
5000-2420	Plant Hire Vehicle Expenses			0.00	0.00
5000-2480	Plant Maintenance			0.00	1,425,000.00
5000-2490	PLANT- Plant Auction Expenses			0.00	9,500.00
5000-2495	PLANT WORKSHOP - Operating Expenses			0.00	99,750.00
5000-0003	PLANT FLEET MANAGEMENT TOTAL	0.00	7,701,000.00		4,710,923.00
5000-0002	*PLANT & EQUIPMENT* TOTAL	0.00	7,701,000.00		4,710,923.00
5050-0002	*ENGINEERING*				
5050-0003	ENGINEERING MANAGEMENT				
5050-1010	Financial Assistance Grant	0.00	2,515,651.00		
5050-1020	Roads to Recovery Grant	0.00	1,446,506.00		
5050-1022	TIDS Grant	0.00	1,475,000.00		
5050-1023	RLCIP Funding	0.00	190,000.00		
5050-1024	LATM Subsidies	0.00	0.00		
5050-1025	TMR SafeST Subsidies	0.00	0.00		
5050-1026	GraffitiSTOP Funding Program	0.00	0.00		
5050-1027	NDRRA Betterment Funding-Capital	0.00	0.00		
5050-1028	LGGSP IS Capital Subs Program	0.00	0.00		
5050-1030	ENG MAN - Get Ready Qld	0.00	0.00		
5050-1031	Building our Regions Funding-Ex R4R	0.00	349,000.00		
5050-1032	Bridge Renewal Programme	0.00	111,800.00		
5050-1033	ENG MAN-HV Safety & Prod Programme	0.00	387,442.00		
5050-1034	Stronger Communities Grants	0.00	405,000.00		
5050-1035	ENG MAN-Get Playing Places & Spaces	0.00	0.00		
5050-1036	W4Q Capital Grant	0.00	365,000.00		
5050-1037	MIPP2-Gogango Bridge Business Case	0.00	0.00		
5050-1038	RJIP-Raedon St Access&Drainage	0.00	513,933.00		
5050-1039	TMR Black Spot Funding Theo-Moura Rd	0.00	0.00		
5050-1050	Training Subsidies	0.00	0.00		
5050-1275	Application Fees	0.00	0.00		
5050-1300	Misc Receipts	0.00	0.00		
5050-1401	ENG - Insurance Recoveries No GST	0.00	0.00		
5050-2200	Employee Costs			0.00	198,930.00
5050-2380	Operating Expenses			0.00	114,000.00
5050-2390	Assets Contributed to External Party			0.00	0.00



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		REVENUE		EXPENDITURE	
		2019/2020 Budget	2019/2020 Budget	2019/2020 Budget	2019/2020 Budget
5050-0003	ENGINEERING MANAGEMENT TOTAL	0.00	7,759,332.00	0.00	312,930.00
5100-0003	CONTRACTS & PRIVATE WORKS				
5100-0004	RMPC				
5100-1400	RMPC Recoupments	0.00	4,000,000.00	0.00	3,600,000.00
5100-2480	Maintenance Expenses				
5100-0004	RMPC TOTAL	0.00	4,000,000.00	0.00	3,600,000.00
5110-0004	Main Roads Contract Works				
5110-1400	MR Revenue Contract Works	0.00	8,500,000.00	0.00	7,250,000.00
5110-2480	MR Expenses - Contract Works				
5110-0004	Main Roads Contract Works TOTAL	0.00	8,500,000.00	0.00	7,250,000.00
5120-0004	PRIVATE WORKS				
5120-1400	Private Works Revenue	0.00	60,000.00	0.00	50,000.00
5120-2490	Private Works Expenses				
5125-1400	Private Works- Gibihi Road	0.00	0.00	0.00	0.00
5125-2490	Private Works- Gibihi Road				
5120-0004	PRIVATE WORKS TOTAL	0.00	60,000.00	0.00	50,000.00
5140-0004	ROAD RECLAIMER				
5140-1400	Recoupments	0.00	0.00	0.00	0.00
5140-2490	Private Works Road Reclaimer				
5140-0004	ROAD RECLAIMER TOTAL	0.00	0.00	0.00	0.00
5100-0003	CONTRACTS & PRIVATE WORKS TOTAL	0.00	12,560,000.00	0.00	10,900,000.00
5200-0003	ROADS BRIDGES & DRAINAGE				
5200-0004	ROADS BRIDGES & DRAINAGE MAINTENANCE				
5200-1300	Road Maint Misc Receipts/Sales	0.00	0.00	0.00	5,750,000.00
5200-2480	Council Roads Maintenance			0.00	0.00
5200-2660	Gravel Pit Expenses				
5200-0004	ROADS BRIDGES & DRAINAGE MAINTENANCE TOTAL	0.00	0.00	0.00	5,750,000.00
5210-0004	ROADS - FLOOD DAMAGE				
5220-1010	Flood Damage 2013 Operating Grants	0.00	0.00	0.00	0.00
5232-2480	ROADS-2015 Cyclone Marcia Expenses			0.00	0.00
5233-2480	ROADS - Feb 2016 Weather Event-Mtce			0.00	0.00



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		REVENUE		EXPENDITURE		
		2019/2020	2019/2020	2019/2020	2019/2020	
		Budget	Budget	Budget	Budget	
5234-1010	2016 Feb Weather Event-Op Grants	0.00	0.00	0%		
5235-1010	ROADS-2017 Cyclone Debbie-Op Grants	0.00	400,000.00	---		
5235-1020	ROADS-2017 Cyclone Debbie-Cap Grants	0.00	0.00	0%		
5235-2480	ROADS-2017 Cyclone Debbie Expenses				0.00	0.00 0%
5210-0004	ROADS - FLOOD DAMAGE TOTAL	0.00	400,000.00	---	0.00	0.00 0%
5250-0004	ROADS BRIDGES & DRAINAGE CAPITAL WOR					
5250-2160	Depreciation - Roads & Drainage				0.00	9,668,196.00 ---%
5250-0004	ROADS BRIDGES & DRAINAGE CAPITAL WOR TOTAL	0.00	0.00	0%	0.00	9,668,196.00 ---%
5200-0003	ROADS BRIDGES & DRAINAGE TOTAL	0.00	400,000.00	---	0.00	15,418,196.00 ---%
5300-0003	OPEN SPACES					
5300-0004	PARKS & OPEN SPACES					
5300-1050	PARKS-Grants & Subsidies	0.00	0.00	0%		
5300-1300	Miscellaneous Receipts/Sales	0.00	0.00	0%		
5300-1310	PARK - Community Contributions - Cap	0.00	0.00	0%		
5300-1400	Parks Insurance Receipts NO GST	0.00	0.00	0%		
5300-2380	Public Parks Operating Costs				0.00	1,641,885.00 ---%
5300-0004	PARKS & OPEN SPACES TOTAL	0.00	0.00	0%	0.00	1,641,885.00 ---%
5320-0004	PUBLIC TOILETS					
5320-2380	Public Toilets Operating Costs				0.00	199,500.00 ---%
5320-0004	PUBLIC TOILETS TOTAL	0.00	0.00	0%	0.00	199,500.00 ---%
5340-0004	CEMETERIES					
5340-1280	Cemetery Fees	0.00	100,000.00	---		
5340-2380	Cemeteries Operating Costs				0.00	228,000.00 ---%
5340-0004	CEMETERIES TOTAL	0.00	100,000.00	---	0.00	228,000.00 ---%
5360-0004	STREET CLEANING					
5360-2380	Street Cleaning Operating Expenses				0.00	190,000.00 ---%
5360-0004	STREET CLEANING TOTAL	0.00	0.00	0%	0.00	190,000.00 ---%
5380-0004	STREET LIGHTING					
5380-2380	Operating Expenses				0.00	237,500.00 ---%
5380-0004	STREET LIGHTING TOTAL	0.00	0.00	0%	0.00	237,500.00 ---%



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Banana Shire Council (Budget for full year)

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		REVENUE		EXPENDITURE	
		????/????	2019/2020	????/????	2019/2020
		Budget	Budget	Budget	Budget
5300-0003	OPEN SPACES TOTAL	0.00	100,000.00	0.00	2,496,885.00
5420-0003	BIKEWAYS & FOOTPATHS				
5420-2480	Bikeway&Footpaths Operating Exp			0.00	47,500.00
5420-0003	BIKEWAYS & FOOTPATHS TOTAL	0.00	0.00	0.00	47,500.00
5050-0002	*ENGINEERING* TOTAL	0.00	20,819,332.00	0.00	29,175,511.00
5500-0002	*TECHNICAL SERVICES*				
5500-0003	TECHNICAL SERVICES MANAGEMENT				
5500-1300	Miscellaneous Receipts/Sales	0.00	0.00		
5500-1301	Major Industry Proj -Operational Rec	0.00	0.00		
5500-1350	Major Ind. Proj-Capital Loss of Life	0.00	0.00		
5500-2200	Employee Costs			0.00	570,000.00
5500-2380	Operating Expenses			0.00	38,000.00
5500-2381	Major Industry Projects (Gas,SBR)			0.00	0.00
5500-0003	TECHNICAL SERVICES MANAGEMENT TOTAL	0.00	0.00	0.00	608,000.00
5520-0003	DESIGN & SURVEY				
5520-1275	Civil Design Fees	0.00	0.00		
5520-1300	Miscellaneous Receipts/Sales	0.00	0.00		
5520-1301	NHVR Receipts	0.00	0.00		
5520-2380	Design & Survey Oper Costs			0.00	38,000.00
5520-2381	Survey & Design Equipment			0.00	9,500.00
5520-2382	NHVR Operations			0.00	0.00
5520-2385	Management Plans & Models			0.00	38,000.00
5520-0003	DESIGN & SURVEY TOTAL	0.00	0.00	0.00	85,500.00
5550-0003	DEVELOPMENT ENGINEERING				
5550-1050	Development Cap Grants & Subsidy	0.00	0.00		
5550-1280	Application Fees	0.00	5,000.00		
5550-2380	Develop Engineering Oper Expenses			0.00	4,750.00
5550-0003	DEVELOPMENT ENGINEERING TOTAL	0.00	5,000.00	0.00	4,750.00
5560-0003	GIS & ASSET MANAGEMENT				
5560-0004	GEOGRAPHIC INFORMATION SYSTEMS				
5560-1275	GIS Fees & Charges	0.00	0.00		
5560-2200	GIS-Employee Costs			0.00	161,310.00
5560-2380	GIS Aerial Imagery			0.00	66,500.00
5560-2381	GIS Operating Expenses			0.00	9,500.00



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Banana Shire Council (Budget for full year)

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		REVENUE			EXPENDITURE		
		2019/2020	2019/2020		2019/2020	2019/2020	
		Budget	Budget		Budget	Budget	
		-----	-----		-----	-----	
5560-0004	GEOGRAPHIC INFORMATION SYSTEMS TOTAL	0.00	0.00	0%	0.00	237,310.00	---%
5565-0004	ASSET MANAGEMENT & GIS						
5565-1275	Fees & Charges	0.00	0.00	0%			
5565-1280	Sales Receipts	0.00	0.00	0%			
5565-2200	AM-Employee Costs				0.00	151,145.00	---%
5565-2380	Operating Expenses				0.00	35,150.00	---%
5565-0004	ASSET MANAGEMENT & GIS TOTAL	0.00	0.00	0%	0.00	186,295.00	---%
5560-0003	GIS & ASSET MANAGEMENT TOTAL	0.00	0.00	0%	0.00	423,605.00	---%
5580-0003	AERODROMES						
5580-1050	Aerodrome - Capital Subsidies no GST	0.00	0.00	0%			
5580-1270	Aerodrome Contributions	0.00	0.00	0%			
5580-1280	Aerodrome Head Tax	0.00	320,000.00	---%			
5580-1290	Aerodrome Licence Fees	0.00	0.00	0%			
5580-1300	Aerodrome Landing Fees	0.00	90,000.00	---%			
5580-1301	Car Park & Misc Fees	0.00	31,000.00	---%			
5580-1400	AERO-Insurance Receipts - NO GST	0.00	0.00	0%			
5580-1420	Land Lease Receipts - GST	0.00	300.00	---%			
5580-2160	Depreciation-Aero Buildings				0.00	91,987.00	---%
5580-2161	Depreciation-Aero Runways				0.00	322,123.00	---%
5580-2200	Aerodromes Employee Costs				0.00	74,955.00	---%
5580-2260	Aerodrome Legal Expenses				0.00	4,750.00	---%
5580-2380	Aerodromes Operating Exp				0.00	712,500.00	---%
5580-2381	Aerodromes General Operating Exp				0.00	19,000.00	---%
5580-2382	AERO - 2015 Cyclone Marcia Expenses				0.00	0.00	0%
5580-2385	Aerodrome Master Plans				0.00	0.00	0%
5580-0003	AERODROMES TOTAL	0.00	441,300.00	---%	0.00	1,225,315.00	---%
5600-0003	QUALITY & ENGINEERING SYSTEMS						
5600-0004	QUALITY SYSTEM						
5600-2380	Quality Assurance Operating Expenses				0.00	1,900.00	---%
5600-0004	QUALITY SYSTEM TOTAL	0.00	0.00	0%	0.00	1,900.00	---%
5620-0004	ENGINEERING SYSTEMS						
5620-2090	Engineering Consultancy Exp				0.00	0.00	0%
5620-2380	Operating Expenses				0.00	0.00	0%
5620-0004	ENGINEERING SYSTEMS TOTAL	0.00	0.00	0%	0.00	0.00	0%



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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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=====						
		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
		-----	-----	-----	-----	
5600-0003	QUALITY & ENGINEERING SYSTEMS TOTAL	0.00	0.00	0%	0.00	1,900.00 ---%
5640-0003	DISASTER MANAGEMENT & SES					
5640-0004	DISASTER MANAGEMENT					
5640-1030	DIS MAN-Reimbursed CDO Costs	0.00	0.00	0%		
5640-1050	Disaster Management Subsidies	0.00	0.00	0%		
5640-1051	Natural Disaster Resilience Program	0.00	0.00	0%		
5640-1310	Community Contributions - Operating	0.00	0.00	0%		
5640-1400	Recoupments & Misc Income	0.00	0.00	0%		
5640-2160	Depreciation-Flood Warning System				0.00	24,463.00 ---%
5640-2200	Employee Costs				0.00	132,240.00 ---%
5640-2380	Disaster Manage Operating Exp				0.00	47,500.00 ---%
5640-2385	Flood Plans & Models				0.00	9,500.00 ---%
5640-2451	Natural Disaster Resilience Program				0.00	47,500.00 ---%
5640-2460	DISAST - 2015 CDO - Cyclone Marcia				0.00	0.00 0%
5640-2461	DISAST-2017 CDO Ex Cyclone Debbie				0.00	0.00 0%
5640-2481	Natural Disaster Risk Man Plan				0.00	0.00 0%
5640-0004	DISASTER MANAGEMENT TOTAL	0.00	0.00	0%	0.00	261,203.00 ---%
5641-0004	SES					
5641-1050	Capital Subsidies	0.00	0.00	0%		
5641-1055	Operating Subsidies	0.00	30,000.00	---		
5641-1272	Community Contributions - Capital	0.00	0.00	0%		
5641-1300	SES - Miscellaneous Receipts	0.00	0.00	0%		
5641-2380	SES Operating Expenses				0.00	38,000.00 ---%
5641-0004	SES TOTAL	0.00	30,000.00	---	0.00	38,000.00 ---%
5640-0003	DISASTER MANAGEMENT & SES TOTAL	0.00	30,000.00	---	0.00	299,203.00 ---%
5500-0002	*TECHNICAL SERVICES* TOTAL	0.00	476,300.00	---	0.00	2,648,273.00 ---%
5000-0001	**5000's ACCOUNTS** TOTAL	0.00	28,996,632.00	---	0.00	36,534,707.00 ---%
6000-0001	**6000's ACCOUNTS**					
6000-0002	*WATER*					
6000-0003	WATER GENERAL					
6000-1050	Training Subsidies	0.00	0.00	0%		
6000-1060	W4Q Capital Grant	0.00	50,000.00	---		
6000-1130	Prior Year Excess Water Consumption	0.00	0.00	0%		



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Banana Shire Council (Budget for full year)

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=====					
		REVENUE		EXPENDITURE	
		2019/2020		2019/2020	
		Budget		Budget	
6000-1280	Fees&Charges	0.00	5,000.00	---	%
6000-1281	WATER GEN - Internal Smartcard Sales	0.00	0.00	0%	
6000-1283	WATER GEN-Internal Water Conn. Tfrs	0.00	0.00	0%	
6000-1300	Water Sales NO GST	0.00	15,000.00	---	%
6000-1301	WATER GEN-Misc Receipts	0.00	0.00	0%	
6000-1400	Water - Private works Revenue	0.00	0.00	0%	
6000-1401	WATER - Insurance Recoveries No GST	0.00	0.00	0%	
6000-2200	Employee Costs			0.00	551,000.00
6000-2380	Operating Expenses			0.00	76,000.00
6000-2381	Plans & Reports			0.00	47,500.00
6000-2382	WATER GEN-2013 Flood Restorations			0.00	0.00
6000-2383	WATER GEN-2015 Cyclone Marcia Restor			0.00	0.00
6000-2490	Water-Private Works Expenses			0.00	0.00
		-----	-----	-----	-----
6000-0003	WATER GENERAL TOTAL	0.00	70,000.00	---	%
				0.00	674,500.00
				---	%
6001-0003	WATER BANANA				
6001-1050	Capital Subsidies	0.00	0.00	0%	
6001-1120	Water Levy	0.00	112,600.00	---	%
6001-1130	Excess Water/Consumption	0.00	50,000.00	---	%
6001-1140	Water Interest	0.00	2,000.00	---	%
6001-1150	Interest on Excess/Consumption	0.00	800.00	---	%
6001-1160	Water Discount	0.00	(10,134.00)	---	%
6001-1190	Charges Write Off	0.00	0.00	0%	
6001-1260	Water Connection Fees	0.00	0.00	0%	
6001-1265	Headworks Charges	0.00	0.00	0%	
6001-1270	Developer Contributions	0.00	0.00	0%	
6001-1280	Fees&Charges	0.00	0.00	0%	
6001-1300	Water Sales Receipts	0.00	3,000.00	---	%
6001-2160	Depreciation Expense			0.00	149,947.00
6001-2300	Loans-Interest			0.00	0.00
6001-2380	Operating Expenses			0.00	57,000.00
6001-2480	Maintenance Expenses			0.00	19,000.00
		-----	-----	-----	-----
6001-0003	WATER BANANA TOTAL	0.00	158,266.00	---	%
				0.00	225,947.00
				---	%
6002-0003	WATER BARALABA				
6002-1050	Capital Subsidies	0.00	0.00	0%	
6002-1120	Water Levy	0.00	198,440.00	---	%
6002-1130	Excess Water/Consumption	0.00	150,000.00	---	%
6002-1140	Water Interest	0.00	2,500.00	---	%
6002-1150	Interest on Excess/Consumption	0.00	1,000.00	---	%
6002-1160	Water Discount	0.00	(17,595.00)	---	%
6002-1190	Charges Write Off	0.00	0.00	0%	
6002-1260	Connection Fees	0.00	0.00	0%	
6002-1265	Headworks Charges	0.00	0.00	0%	
6002-1270	Developer Contributions	0.00	0.00	0%	
6002-1280	Fees&Charge	0.00	0.00	0%	
6002-1300	Sales Receipts	0.00	500.00	---	%
6002-1301	WATER BARA-Internal Water Sales	0.00	0.00	0%	



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Banana Shire Council (Budget for full year)

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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
6002-1320	Corporate Contributions	0.00	0.00	0%		
6002-2160	Depreciation Expense			0.00	339,823.00	---%
6002-2300	Loans-Interest			0.00	0.00	0%
6002-2380	Operating Expenses			0.00	190,000.00	---%
6002-2480	Maintenance Expenses			0.00	28,500.00	---%
6002-2481	Maintenance-Condition Assessment			0.00	0.00	0%
6002-2580	Baralaba Raw Water Scheme			0.00	0.00	0%
6002-2590	WATER BARA - Flood Restoration			0.00	0.00	0%
		-----	-----	-----	-----	
6002-0003	WATER BARALABA TOTAL	0.00	334,845.00	---%	0.00	558,323.00 ---%
6003-0003	WATER BILOELA					
6003-1050	Capital Subsidies	0.00	0.00	0%		
6003-1120	Levy	0.00	2,181,320.00	---%		
6003-1130	Consumption Charge	0.00	1,700,000.00	---%		
6003-1140	Interest	0.00	10,000.00	---%		
6003-1150	Interest on Excess/Consumption	0.00	8,000.00	---%		
6003-1160	Discount	0.00	(196,320.00)	---%		
6003-1190	Charges Write Off	0.00	0.00	0%		
6003-1260	Connection Fees	0.00	3,000.00	---%		
6003-1265	Headworks Charges	0.00	0.00	0%		
6003-1266	WATER BILO-Internal H'Works Charge	0.00	0.00	0%		
6003-1270	Developer Contributions	0.00	0.00	0%		
6003-1280	Fees&Charge	0.00	5,000.00	---%		
6003-1300	Water Sales Receipts	0.00	200,000.00	---%		
6003-1301	WATER BILO-Internal Water Sales	0.00	0.00	0%		
6003-2160	Depreciation Expense			0.00	1,045,712.00	---%
6003-2300	Loans-Interest			0.00	0.00	0%
6003-2380	Operating Expenses			0.00	1,391,750.00	---%
6003-2480	Maintenance Expenses			0.00	1,092,500.00	---%
6003-2481	Maintenance-Condition Assessment			0.00	0.00	0%
		-----	-----	-----	-----	
6003-0003	WATER BILOELA TOTAL	0.00	3,911,000.00	---%	0.00	3,529,962.00 ---%
6004-0003	WATER CALLIDE DAM					
6004-1120	Water Levy	0.00	24,740.00	---%		
6004-1130	Excess Water/Consumption	0.00	60,000.00	---%		
6004-1140	Water Interest	0.00	0.00	0%		
6004-1150	Interest on Excess/Consumption	0.00	0.00	0%		
6004-1160	Water Discount	0.00	(2,227.00)	---%		
6004-1190	Charges Write Off	0.00	0.00	0%		
6004-1260	Connection Fees	0.00	0.00	0%		
6004-1270	Developer Contributions	0.00	0.00	0%		
6004-1280	Fees&Charges	0.00	0.00	0%		
6004-1300	Water Sales Receipts	0.00	0.00	0%		
6004-2160	Depreciation Expense			0.00	100,650.00	---%
6004-2300	Loans-Interest			0.00	0.00	0%
6004-2340	Minor Assets Expense A/c			0.00	0.00	0%
6004-2380	Operating Expenses			0.00	23,750.00	---%
6004-2480	Maintenance Expenses			0.00	7,125.00	---%



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Banana Shire Council (Budget for full year)

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		REVENUE		EXPENDITURE	
		2019/2020	2019/2020	2019/2020	
		Budget	Budget	Budget	
		-----	-----	-----	-----
6004-0003	WATER CALLIDE DAM TOTAL	0.00	82,513.00	0.00	131,525.00
6005-0003	WATER CRACOW				
6005-1050	Capital Subsidies	0.00	0.00	0%	
6005-1120	Charges Levied	0.00	49,940.00	---	0%
6005-1130	Excess Water/Consumption	0.00	10,000.00	---	0%
6005-1140	Interest-Rates/Charges	0.00	3,000.00	---	0%
6005-1150	Interest on Excess/Consumption	0.00	0.00	0%	
6005-1160	Discount	0.00	(4,494.00)	---	0%
6005-1190	Charges Write Off	0.00	0.00	0%	
6005-1260	Connection Fees	0.00	0.00	0%	
6005-1270	Developer Contributions	0.00	0.00	0%	
6005-1280	Fees&Charges	0.00	0.00	0%	
6005-1300	Water Sales Receipts	0.00	0.00	0%	
6005-2160	Depreciation			0.00	9,135.00
6005-2300	Loans-Interest			0.00	0.00
6005-2380	Operating Expenses			0.00	19,000.00
6005-2480	Repairs&Maintenance-			0.00	2,850.00
6005-0003	WATER CRACOW TOTAL	0.00	58,446.00	---	30,985.00
6006-0003	WATER DULULU				
6006-1120	Charges Levied	0.00	0.00	0%	
6006-1130	Excess Water/Consumption	0.00	0.00	0%	
6006-1140	Interest-Rates/Charges	0.00	0.00	0%	
6006-1150	Interest on Excess/Consumption	0.00	0.00	0%	
6006-1160	Discount	0.00	0.00	0%	
6006-1190	Charges Write Off	0.00	0.00	0%	
6006-0003	WATER DULULU TOTAL	0.00	0.00	0%	0.00
6007-0003	WATER GOOVIGEN				
6007-1050	Capital Subsidies	0.00	0.00	0%	
6007-1120	Water Levy	0.00	40,220.00	---	0%
6007-1130	Excess Water/Consumption	0.00	20,000.00	---	0%
6007-1140	Water Interest	0.00	500.00	---	0%
6007-1150	Interest on Excess/Consumption	0.00	400.00	---	0%
6007-1160	Water Discount	0.00	(3,620.00)	---	0%
6007-1190	Charges Write Off	0.00	0.00	0%	
6007-1260	Connection Fees	0.00	0.00	0%	
6007-1270	Developer Contributions	0.00	0.00	0%	
6007-1280	Fees&Charges	0.00	0.00	0%	
6007-1300	Water Sales Receipts	0.00	0.00	0%	
6007-1301	WATER GOOV-Internal Water Sales	0.00	0.00	0%	
6007-2160	Depreciation Expense			0.00	51,935.00
6007-2300	Loans-Interest			0.00	0.00
6007-2380	Operation Expenses			0.00	29,925.00
6007-2480	Maintenance Expenses			0.00	22,325.00



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		REVENUE		EXPENDITURE	
		2019/2020	2019/2020	2019/2020	2019/2020
		Budget	Budget	Budget	Budget
		-----	-----	-----	-----
6007-0003	WATER GOOVIGEN TOTAL	0.00	57,500.00	0.00	104,185.00
6008-0003	WATER JAMBIN				
6008-1120	Charges Levied	0.00	0.00	0%	
6008-1130	Excess Water/Consumption	0.00	0.00	0%	
6008-1140	Interest-Rates/Charges	0.00	0.00	0%	
6008-1150	Interest on Excess/Consumption	0.00	0.00	0%	
6008-1160	Discount	0.00	0.00	0%	
6008-1190	Charges Write Off	0.00	0.00	0%	
6008-2160	WATER JAMB- Depreciation Expense			0.00	0.00
6008-2380	Operating Expenses			0.00	0.00
6008-2480	Repairs&Maintenance			0.00	0.00
6008-0003	WATER JAMBIN TOTAL	0.00	0.00	0%	0.00
6009-0003	WATER MOURA				
6009-1050	Capital Subsidies	0.00	0.00	0%	
6009-1120	Water Levy	0.00	944,960.00	---	
6009-1130	Excess Water/Consumption	0.00	600,000.00	---	
6009-1140	Water Interest	0.00	8,000.00	---	
6009-1150	Interest on Excess/Consumption	0.00	4,500.00	---	
6009-1160	Water Discount	0.00	(85,050.00)	---	
6009-1190	Charges Write Off	0.00	0.00	0%	
6009-1260	Connection Fees	0.00	0.00	0%	
6009-1265	Headworks Charges	0.00	0.00	0%	
6009-1270	Developer Contributions	0.00	0.00	0%	
6009-1280	Fees&Charges	0.00	30,000.00	---	
6009-1300	Water Sales Receipts	0.00	120,000.00	---	
6009-1301	WATER MOURA-Internal Water Sales	0.00	0.00	0%	
6009-1320	Corporate Contributions	0.00	0.00	0%	
6009-2160	Depreciation Expense			0.00	696,750.00
6009-2300	Loans-Interest			0.00	0.00
6009-2380	Operating Expenses			0.00	988,000.00
6009-2480	Maintenance Expenses			0.00	180,500.00
6009-2481	Maintenance-Condition Assessment			0.00	0.00
6009-0003	WATER MOURA TOTAL	0.00	1,622,410.00	---	1,865,250.00
6010-0003	WATER TAROOM				
6010-1050	Capital Subsidies	0.00	0.00	0%	
6010-1120	Water Levy	0.00	373,730.00	---	
6010-1121	Special Water Connection Rate	0.00	5,000.00	---	
6010-1130	Excess Water/Consumption	0.00	175,000.00	---	
6010-1140	Water Interest	0.00	4,000.00	---	
6010-1141	Interest-Special Connection Rate	0.00	0.00	0%	
6010-1150	Interest on Excess/Consumption	0.00	1,000.00	---	
6010-1160	Water Discount	0.00	(33,635.00)	---	
6010-1190	Charges Write Off	0.00	0.00	0%	



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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		2019/2020	2019/2020	2019/2020	2019/2020	
		Budget	Budget	Budget	Budget	
6010-1191	Write Off Special Connection Rate	0.00	0.00			0%
6010-1260	Connection Fees	0.00	0.00			0%
6010-1270	Developer Contributions	0.00	0.00			0%
6010-1271	Taroom-Outside Water Area-Devel Cont	0.00	0.00			0%
6010-1280	Fees&Charges	0.00	432.00			---
6010-1300	Water Sales Receipts	0.00	10,000.00			---
6010-1301	WATER TARO-Internal Water Sales	0.00	0.00			0%
6010-2160	Depreciation Expense			0.00	190,253.00	---
6010-2300	Loans-Interest			0.00	0.00	0%
6010-2380	Operation Expenses			0.00	175,750.00	---
6010-2480	Maintenance Expense			0.00	66,500.00	---
6010-0003	WATER TAROOM TOTAL	0.00	535,527.00		432,503.00	---
6011-0003	WATER THANGOOL					
6011-1120	Water Levy	0.00	131,710.00			---
6011-1130	Excess Water/Consumption	0.00	65,000.00			---
6011-1140	Water Interest	0.00	2,000.00			---
6011-1150	Interest on Excess/Consumption	0.00	800.00			---
6011-1160	Water Discount	0.00	(11,854.00)			---
6011-1190	Charges Write Off	0.00	0.00			0%
6011-1260	Connection Fees	0.00	0.00			0%
6011-1270	Developer Contributions	0.00	0.00			0%
6011-1280	Fees&Charges	0.00	0.00			0%
6011-1300	Water Sales Receipts	0.00	0.00			0%
6011-2160	Depreciation Expense			0.00	51,818.00	---
6011-2300	Loans-Interest			0.00	0.00	0%
6011-2380	Operation Expenses			0.00	33,250.00	---
6011-2480	Maintenance Expenses			0.00	28,500.00	---
6011-0003	WATER THANGOOL TOTAL	0.00	187,656.00		113,568.00	---
6012-0003	WATER THEODORE					
6012-1120	Water Levy	0.00	277,970.00			---
6012-1130	Excess Water/Consumption	0.00	200,000.00			---
6012-1140	Water Interest	0.00	1,500.00			---
6012-1150	Interest on Excess/Consumption	0.00	1,000.00			---
6012-1160	Water Discount	0.00	(25,018.00)			---
6012-1190	Charges Write Off	0.00	0.00			0%
6012-1260	Connection Fees	0.00	0.00			0%
6012-1270	Developer Contributions	0.00	0.00			0%
6012-1280	Fees&Charges	0.00	0.00			0%
6012-1300	Water Sales Receipts	0.00	7,000.00			---
6012-1301	WATER THEO-Internal Water Sales	0.00	0.00			0%
6012-2160	Depreciation Expense			0.00	213,724.00	---
6012-2300	Loans-Interest			0.00	0.00	0%
6012-2340	Minor Assets Expense A/c			0.00	0.00	0%
6012-2380	Operating Expenses			0.00	332,500.00	---
6012-2480	Maintenance Expenses			0.00	61,750.00	---
6012-2481	Maintenance-Condition Assessment			0.00	0.00	0%



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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE	
		2019/2020	2019/2020	2019/2020	2019/2020
		Budget	Budget	Budget	Budget
		-----	-----	-----	-----
6012-0003	WATER THEODORE TOTAL	0.00	462,452.00	0.00	607,974.00
6013-0003	WATER WOWAN				
6013-1050	Capital Subsidies	0.00	0.00	0%	
6013-1120	Water Levy	0.00	66,250.00	---	0%
6013-1130	Excess Water/Consumption	0.00	18,000.00	---	0%
6013-1140	Water Interest	0.00	3,400.00	---	0%
6013-1150	Interest on Excess/Consumption	0.00	0.00	0%	
6013-1160	Water Discount	0.00	(5,962.00)	---	0%
6013-1190	Charges Write Off	0.00	0.00	0%	
6013-1260	Connection Fees	0.00	0.00	0%	
6013-1270	Developer Contributions	0.00	0.00	0%	
6013-1280	Fees&Charges	0.00	0.00	0%	
6013-1300	Water Sales Receipts	0.00	0.00	0%	
6013-2160	Depreciation Expense			0.00	45,499.00
6013-2300	Loans-Interest			0.00	0.00
6013-2380	Operation Expenses			0.00	28,500.00
6013-2480	Maintenance Expenses			0.00	38,000.00
6013-0003	WATER WOWAN TOTAL	0.00	81,688.00	0.00	111,999.00
6000-0002	*WATER* TOTAL	0.00	7,562,303.00	0.00	8,386,721.00
6300-0002	*WASHDOWN FACILITIES*				
6302-0003	WASHDOWN FACILITY BARALABA				
6302-1280	Fees&Charges	0.00	5,000.00	---	0%
6302-1300	Miscellaneous Receipts	0.00	0.00	0%	
6302-2160	Baralaba Washdown Depreciation			0.00	9,192.00
6302-2340	Minor Assets Expense A/c			0.00	0.00
6302-2380	Operation Expenses			0.00	9,500.00
6302-2480	Repairs&Maintenance-			0.00	7,125.00
6302-0003	WASHDOWN FACILITY BARALABA TOTAL	0.00	5,000.00	0.00	25,817.00
6303-0003	WASHDOWN FACILITY BILOELA				
6303-1280	Fees&Charges	0.00	20,000.00	---	0%
6303-1281	WASH BILO - Internal TWB Sales	0.00	0.00	0%	
6303-1300	Miscellaneous Receipts	0.00	0.00	0%	
6303-1320	Corporate Contributions	0.00	0.00	0%	
6303-2160	Depreciation Expense			0.00	16,645.00
6303-2340	Minor Assets Expense A/c			0.00	0.00
6303-2380	Operation Expenses			0.00	4,750.00
6303-2480	Maintenance Expenses			0.00	33,250.00
6303-0003	WASHDOWN FACILITY BILOELA TOTAL	0.00	20,000.00	0.00	54,645.00



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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		2019/2020	2019/2020	2019/2020	2019/2020	
		Budget	Budget	Budget	Budget	
6309-0003	WASHDOWN FACILITY MOURA					
6309-1050	Subsidies	0.00	0.00	0%		
6309-1280	Fees&Charges	0.00	27,000.00	---		
6309-1281	WASH MOURA Internal TWB Sales	0.00	0.00	0%		
6309-1300	Miscellaneous Receipts	0.00	0.00	0%		
6309-1320	Corporate Contributions	0.00	0.00	0%		
6309-2160	Depreciation Expense			0.00	10,433.00	---
6309-2340	Minor Assets Expense A/c			0.00	0.00	0%
6309-2380	Operating Expenses			0.00	4,750.00	---
6309-2480	Maintenance Expenses			0.00	19,000.00	---
6309-0003	WASHDOWN FACILITY MOURA TOTAL	0.00	27,000.00	---	0.00	34,183.00
6310-0003	WASHDOWN FACILITY TAROOM					
6310-1280	Fees&Charges	0.00	15,000.00	---		
6310-1300	Miscellaneous Receipts	0.00	0.00	0%		
6310-1320	Corporate Contributions	0.00	0.00	0%		
6310-2160	Depreciation			0.00	9,052.00	---
6310-2340	Minor Assets Expense A/c			0.00	0.00	0%
6310-2380	Operating Expenses			0.00	3,325.00	---
6310-2480	Repairs&Maintenance-			0.00	33,250.00	---
6310-0003	WASHDOWN FACILITY TAROOM TOTAL	0.00	15,000.00	---	0.00	45,627.00
6312-0003	WASHDOWN FACILITY THEODORE					
6312-1280	Fees&Charges	0.00	3,000.00	---		
6312-1300	Miscellaneous Receipts	0.00	0.00	0%		
6312-2160	Depreciation Expense			0.00	5,233.00	---
6312-2340	Minor Assets Expense A/c			0.00	0.00	0%
6312-2380	Operation Expenses			0.00	3,325.00	---
6312-2480	Maintenance Expenses			0.00	8,075.00	---
6312-0003	WASHDOWN FACILITY THEODORE TOTAL	0.00	3,000.00	---	0.00	16,633.00
6300-0002	*WASHDOWN FACILITIES* TOTAL	0.00	70,000.00	---	0.00	176,905.00
6500-0002	*SEWERAGE**					
6500-0003	SEWERAGE GENERAL					
6500-1050	Subsidies	0.00	0.00	0%		
6500-1280	Fees&Charges	0.00	0.00	0%		
6500-1300	Miscellaneous Receipts	0.00	0.00	0%		
6500-1400	Private Works Revenue	0.00	0.00	0%		
6500-1401	SEW - Insurance Recoveries - No GST	0.00	0.00	0%		
6500-2200	Employee Costs			0.00	456,000.00	---
6500-2380	Operating Expenses			0.00	52,250.00	---
6500-2381	Plans and Reports			0.00	47,500.00	---
6500-2383	SEW GEN-2015 Cyclone Marcia Restorat			0.00	0.00	0%



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## Revenue and Expenditure Budget

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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
6500-0003	SEWERAGE GENERAL TOTAL	0.00	0.00	0.00	555,750.00	---%
6501-0003	BANANA SEWERAGE					
6501-1050	Subsidies	0.00	0.00	0%		
6501-0003	BANANA SEWERAGE TOTAL	0.00	0.00	0%	0.00	0%
6502-0003	SEWERAGE BARALABA					
6502-1120	Charges Levied	0.00	0.00	0%		
6502-1140	Interest-Rates/Charges	0.00	0.00	0%		
6502-1160	Discount	0.00	0.00	0%		
6502-1190	Charges Write Off	0.00	0.00	0%		
6502-2300	Loans-Interest			0.00	0.00	0%
6502-2340	Minor Assets Expense A/c			0.00	0.00	0%
6502-2380	Operating Expenses			0.00	0.00	0%
6502-2480	Repairs&Maintenance-			0.00	0.00	0%
6502-0003	SEWERAGE BARALABA TOTAL	0.00	0.00	0%	0.00	0%
6503-0003	SEWERAGE BILOELA					
6503-1050	Capital Subsidies	0.00	110,000.00	---		---
6503-1120	Sewerage Levy	0.00	2,222,840.00	---		---
6503-1140	Sewerage Interest	0.00	10,000.00	---		---
6503-1160	Sewerage Discount	0.00	(200,056.00)	---		---
6503-1190	Charges Write Off	0.00	0.00	0%		
6503-1260	Connection Fees	0.00	1,000.00	---		---
6503-1265	Headworks Charges	0.00	0.00	0%		
6503-1266	SEW BILO - Internal Headworks Charge	0.00	0.00	0%		
6503-1270	Developer Contributions	0.00	0.00	0%		
6503-1280	Fees&Charges	0.00	50,000.00	---		---
6503-1281	SEW BILO - Int. Recycled Water Sales	0.00	0.00	0%		
6503-1300	Registration Fees	0.00	0.00	0%		
6503-1301	SEW BILO - Miscellaneous Receipts	0.00	0.00	0%		
6503-2160	Depreciation Expense			0.00	788,497.00	---
6503-2300	Loans-Interest			0.00	0.00	0%
6503-2340	Minor Assets Expense A/c			0.00	0.00	0%
6503-2380	Operating Expenses			0.00	570,760.00	---
6503-2480	Maintenance Expenses			0.00	190,000.00	---
6503-2481	Maintenance-Condition Assessment			0.00	0.00	0%
6503-2482	Maintenance-Desludge Lagoons			0.00	0.00	0%
6503-0003	SEWERAGE BILOELA TOTAL	0.00	2,193,784.00	---	0.00	1,549,257.00
6509-0003	SEWERAGE MOURA					
6509-1050	Capital Subsidies	0.00	0.00	0%		
6509-1120	Levy	0.00	1,138,770.00	---		---
6509-1140	Interest	0.00	7,000.00	---		---



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Revenue and Expenditure Budget

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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE	
		2019/2020	2019/2020	2019/2020	2019/2020
		Budget	Budget	Budget	Budget
6509-1160	Discount	0.00	(102,490.00)	---	0%
6509-1190	Charges Write Off	0.00	0.00	0%	
6509-1200	Moura STP Subsidy-Capital	0.00	0.00	0%	
6509-1260	Connection Fees	0.00	0.00	0%	
6509-1265	Headworks Charges	0.00	0.00	0%	
6509-1270	Developer Contributions	0.00	0.00	0%	
6509-1280	Fees & Charges	0.00	35,000.00	---	0%
6509-1281	SEW MOURA Int. Recycled Water Sales	0.00	0.00	0%	
6509-1285	Disposal Fees	0.00	0.00	0%	
6509-1300	Sales Receipts	0.00	0.00	0%	
6509-2160	Depreciation Expense			0.00	384,399.00
6509-2300	Loans-Interest			0.00	0.00
6509-2380	Operation Expenses			0.00	380,000.00
6509-2480	Maintenance Expenses			0.00	99,750.00
6509-2481	Maintenance-Condition Assessment			0.00	0.00
6509-0003	SEWERAGE MOURA TOTAL	0.00	1,078,280.00	---	864,149.00
6510-0003	SEWERAGE TAROOM				
6510-1050	Subsidies	0.00	100,000.00	---	0%
6510-1120	Levy	0.00	389,520.00	---	0%
6510-1140	Interest	0.00	3,000.00	---	0%
6510-1160	Discount	0.00	(35,056.00)	---	0%
6510-1190	Charges Write Off	0.00	0.00	0%	
6510-1260	Connection Fees	0.00	0.00	0%	
6510-1270	Developer Contributions	0.00	0.00	0%	
6510-1280	Fees&Charges	0.00	0.00	0%	
6510-1300	Sales Receipts	0.00	0.00	0%	
6510-2160	Depreciation Expense			0.00	190,784.00
6510-2300	Loans-Interest			0.00	0.00
6510-2380	Operation Expenses			0.00	156,750.00
6510-2480	Maintenance Expense			0.00	66,500.00
6510-2481	Maintenance - Condition Assessment			0.00	0.00
6510-0003	SEWERAGE TAROOM TOTAL	0.00	457,464.00	---	414,034.00
6511-0003	SEWERAGE THANGOOL				
6511-1050	Subsidies	0.00	0.00	0%	
6511-0003	SEWERAGE THANGOOL TOTAL	0.00	0.00	0%	0.00
6512-0003	SEWERAGE THEODORE				
6512-1050	Subsidies	0.00	0.00	0%	
6512-1120	Sewerage Levy	0.00	291,040.00	---	0%
6512-1140	Sewerage Interest	0.00	1,000.00	---	0%
6512-1160	Sewerage Discount	0.00	(26,193.00)	---	0%
6512-1190	Charges Write Off	0.00	0.00	0%	
6512-1260	Connection Fees	0.00	0.00	0%	
6512-1270	Developer Contributions	0.00	0.00	0%	
6512-1280	Fees&Charges	0.00	3,000.00	---	0%



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Banana Shire Council (Budget for full year)

Financial Year Ending 2019

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		REVENUE		EXPENDITURE		
		????/????	2019/2020	????/????	2019/2020	
		Budget	Budget	Budget	Budget	
6512-1300	Disposal Receipts	0.00	0.00	0%		
6512-2160	Depreciation			0.00	203,040.00	---%
6512-2300	Loans-Interest			0.00	0.00	0%
6512-2380	Operation Expense			0.00	185,250.00	---%
6512-2480	Maintenance Expense			0.00	33,250.00	---%
6512-0003	SEWERAGE THEODORE TOTAL	0.00	268,847.00	---%	421,540.00	---%
6500-0002	*SEWERAGE** TOTAL	0.00	3,998,375.00	---%	3,804,730.00	---%
6000-0001	**6000'S ACCOUNTS** TOTAL	0.00	11,630,678.00	---%	12,368,356.00	---%
8000-0001	EQUITY ACCOUNTS					
8040-0002	SURPLUS APPROPRIATIONS					
8999-1999	Unlinked Rev & Exp Merge	0.00	0.00	0%		
8040-0002	SURPLUS APPROPRIATIONS TOTAL	0.00	0.00	0%	0.00	0%
8000-0001	EQUITY ACCOUNTS TOTAL	0.00	0.00	0%	0.00	0%
TOTAL REVENUE AND EXPENDITURE		0.00	85,150,145.00	---%	79,797,212.00	---%



---

## 8.2.1 FINANCIAL REPORT– PERIOD ENDING 31 May 2019

**Date:** 18 June 2019  
**Author:** Manager Financial Services, Dave Steger  
**File ID:** 2306  
**Letter ID:**  
**Attachment:** Statement of Comprehensive Income - Actual v Budget to 31 May 2019; Statement of Financial Position – Actual v Budget to 31 May 2019; Statement of Cash Flows - Actual v Budget to 31 May 2019; Statement of Changes in Equity to 31 May 2019; Account Balances, Cash Position and Rates Report to 18 June 2019.  
**Minute No:** OM004397

---

This report is a legislative requirement.

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### **Resolution:**

***That Council receive the Financial Report as tabled for the period ending 31 May 2019.***

***Moved: Cr Leo***

***Seconded: Cr Middleton***

***Carried***

---

## **Report**

### **1. Introduction**

The purpose of the Financial Report is to give Management and Council an overview of the organisation's financial performance for the period ending 31 May 2019.

It is presented in a format which compares the year to date to the amended 2018/2019 budget. The year to date budget is 11/12 or 91.7% of the amended budget. The financial analysis contained in this report compares; either year to date expenditure with equivalent budget to date expenditure or, in the case of rates, year to date expenditure with an appropriate cash flow position.

### **2. Report**

#### **Comprehensive Income Statement:**

Council recorded an operating deficit of \$3,030,284 in May: this represents a reduction of \$2,701,265 in Council's operating position during the month. This result is, however, approximately \$1.17 million better than the \$4,200,966 deficit reported in the period ending 31 May 2018.

The net result for May is a deficit of \$1,711,292. During the month, Council received approximately \$1.5 million in additional capital revenue and is now 38.7% below the amended budget position. This is better than the 42.4% below recorded in April however it remains likely that some grants will not arrive until next financial year; this will affect Council's end of year net position.



The main points to consider from this month's report are:

- Net Rates and Utility revenue is approximately 4.6% above the full year cashflow position.
- Contract Works revenue is 2.7% behind the year to date budgeted position.
- Fees & Charges are 5% above amended budget.
- Operating grants are 38.7% below the year to date amended budget position. Flood restoration expenditure continues to occur however the State is generally slow in accessing claims. It is likely that money owed to Council and relating to expenditure that has happened in this financial year will not be received until 2019/2020. In addition, the State has confirmed that the FAGS prepayment (\$3,691,273) for 2019/2020 will be received in June.
- Total operating expenditure is 1.28% above the year to date amended budget position. The contributing factors are:
  - Employee benefits – 5.17% above the amended budget position. This is likely a reflection of the 3.5% EB increase to salaries and some allowances.
  - Materials and Services – 2.04% above the amended budget position. In dollar terms an additional \$3.04 million was spent on materials and services in May. Approximately half of this increase can be attributed to Flood Restoration, Main Roads Contracts and RMPC activity; while the remaining half appears to be normal monthly movement across all programs.

Capital Expenditure:

Capital expenditure – see separate report.

### 3. Conclusion

Management will continue to monitor both incoming and outgoing cash flow in an effort to ensure that Council achieves the best possible end of the year outcome. Management will also endeavour to ensure that operating revenues are sufficient to meet all areas of committed service delivery.

### Considerations

#### 1. Corporate Plan

This matter has direct reference to Corporate Plan Strategy 1.2. (a), (b), (c) and (d).

#### 2. Policy and Legal Implications

N/A

#### 3. Financial and Resource Implications

Management will monitor revenue, expenditure and cashflow to ensure that Council has sufficient financial resources to deliver its budgeted commitments and achieve the best possible operating result for Council.

#### 4. Risk Assessment

N/A



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## 8.2.2 ACTION REPORT ON PREVIOUS COUNCIL RESOLUTIONS – CORPORATE & COMMUNITY SERVICES

**Date:** 19 June 2019  
**Author:** Thomas Upton - Director Corporate & Community Services  
**File No:**  
**Letter No:**  
**Attachment:** Resolutions Action Report  
**Minute No:** OM004398

---

**Cr Leo** referred to the camping at Rotary Park, Moura as requested by the Moura Chamber of Commerce. It was resolved to advise the Moura Chamber of Commerce of Council's 27 March 2019 Ordinary Meeting decision (i.e. Minute No. OM004305) in writing.

---

### Resolution:

*That the Resolutions Action Report for Corporate & Community Services as presented be noted and received.*

**Moved: Cr Leo**

**Seconded: Cr Boyce**

**Carried**

---

### Report

This report is to advise Council of the outstanding matters currently being dealt with by the organisation.

### Considerations

1. **Corporate Plan**  
N/A
2. **Policy and Legal Implications**  
Policy and legal implications will be addressed through each matter.
3. **Financial and Resource Implications**  
Budget impacts will be addressed in resolving each matter.
4. **Risk Assessment**  
N/A



---

### 8.2.3 MAJOR CAPITAL PROJECTS – MONTHLY ACTUAL EXPENDITURE – CORPORATE & COMMUNITY SERVICES

**Date:** 19 June 2019  
**Author:** Thomas Upton - Director Corporate & Community Services  
**File ID:**  
**Letter ID:**  
**Attachment:** Capital Expenditure Report  
**Minute No:** OM004399

---

#### **Resolution:**

*That Council note and receive the Major Capital Expenditure Report as at 12 June 2019 for Corporate & Community Services.*

***Moved: Cr Snell***

***Seconded: Cr Brennan***

***Carried***

---

#### **Report**

Providing a report on Council's Major Capital Expenditure as at 12 June 2019 for Corporate & Community Services.

Refer attachment.



---

## 8.2.4 SALE OF LAND – INDUSTRIAL ESTATE AT TAROOM

**Date:** 11 June 2019  
**Author:** Dean Smoothy – Land and Lease Management Coordinator  
**File ID:**  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004400

---

### **Resolution:**

*That the Mayor and Chief Executive Officer be delegated authority to finalise the sale of Industrial Land situated at Rose Street (L23 RP805169) Taroom, subject to the proposed land use being in accordance with Banana Shire Council's Planning Scheme requirements.*

**Moved: Cr Leo**

**Seconded: Cr Brennan**

**Carried**

*The above motion was carried with Cr Boyce voting against the motion.*

---

### **Report**

A Commercial-in-Confidence report has been provided for Council's reference.



---

## 8.2.5 SALE OF LAND – 3 DON STREET WOWAN

**Date:** 10 June 2019  
**Author:** Dean Smoothy – Land and Lease Management Coordinator  
**File ID:**  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004401

---

### **Resolution:**

*That Council accept the offer to purchase sale of land situated at 3 Don Street (L1 W66023) Wowan.*

*Moved: Cr Semple*

*Seconded: Cr Brennan*

*Carried*

---

### **Report**

A Commercial-in-Confidential report has been provided for Council's reference.



---

## 8.2.6 ASSET & SERVICE MANAGEMENT PLANS

**Date:** 4 June 2019  
**Author:** Manager Financial Services, Dave Steger  
**File ID:**  
**Letter ID:**  
**Attachment:** Amended Asset & Services Management Plan for Buildings  
Amended Asset & Services Management Plan for Water Infrastructure  
Amended Asset & Services Management Plan for Sewerage Infrastructure  
Amended Asset & Services Management Plan for Road Infrastructure  
Amended Asset & Services Management Plan for Aerodromes  
Amended Asset & Services Management Plan for Environmental Health Facilities  
Amended Asset & Services Management Plan for Fleet  
Amended Asset & Services Management Plan for Waste Facilities  
**Minute No:** OM004402

---

### **Resolution:**

***That Council adopt the following updated Asset Management Plans, a copy of which are attached to and form part of these minutes:***

- ***Asset & Services Management Plan for Buildings***
- ***Asset & Services Management Plan for Water Infrastructure***
- ***Asset & Services Management Plan for Sewerage Infrastructure***
- ***Asset & Services Management Plan for Road Infrastructure***
- ***Asset & Services Management Plan for Aerodromes***
- ***Asset & Services Management Plan for Environmental Health Facilities***
- ***Asset & Services Management Plan for Fleet***
- ***Asset & Services Management Plan for Waste Facilities.***

***Moved: Cr Brennan***

***Seconded: Cr Snell***

***Carried***

---

## **Report**

In accordance with Section 167 of the *Local Government Regulation 2012*, Council must prepare and adopt a long-term asset management plan which provides for strategies to ensure the sustainable management of its assets and be part of and consistent with the long-term financial forecast.

To meet requirements of the Regulation, attached are the updated Asset & Services Management Plans for Buildings, Water Infrastructure, Sewerage Infrastructure and Roads Infrastructure and the proposed Asset & Services Management Plans for Aerodromes, Environmental Health Facilities, Fleet and Waste Facilities. The plans provide the framework for Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all Council infrastructure and to ensure that long term financial obligations are met.

These plans are required to be updated annually as the information from these plans forms part of Council's long term financial forecast.

## **Considerations**

### **1. Corporate Plan**

This matter has direct reference to Corporate Plan Strategy 1.1 and 1.2 (a), (c), (d) and (e).



---

**2. Policy and Legal Implications**

No apparent legal implications with adoption of these policies. This conforms to the *Local Government Regulation 2012*.

**3. Financial and Resource Implications**

The Asset & Service Management Plans provide detailed information required for Council's long term financial forecast.

**4. Risk Assessment**

N/A

---

The Finance Manager attended the meeting and clarified the capital funding query on Agenda Item 8.1.2.

---



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## 8.1.2 2018/2019 STATEMENT OF ESTIMATED FINANCIAL POSITION

**Date:** 10 June 2019  
**Author:** Dave Steger – Manager Financial Services  
**File No:** 84295  
**Letter No:**  
**Attachment:** 2018/2019 Statement of Estimated Financial Position  
**Minute No:** OM004403

---

### **Resolution:**

*That pursuant to Section 205 of the Local Government Regulation 2012, the statement of the financial operations and financial position of the Council in respect of the previous financial year (the “Statement of Estimated Financial Position”) be received and its contents noted.*

**Moved: Cr Brennan**

**Seconded: Cr Middleton**

**Carried**

---

### **Report**

The *Local Government Regulation 2012* requires that the Chief Executive Officer present to the annual Budget Meeting a statement of estimated financial position stating the financial operations and financial position of the Council for the previous financial year.

As the 2018/2019 financial statements will not be finalised until September 2019, this report has been compiled using the financial information currently available.

The attached reports detail Council's financial position in respect of its Statement of Comprehensive Income, Statement of Financial Position (Balance Sheet), Statement of Cash Flows and Statement of Changes in Equity as forecast at this point in time. This forecast predicts an overall operating deficit of \$2,476,356 compared to an amended budgeted deficit of \$2,265,432.

Council has completed the following major capital projects in 2018/19:

- Jambin-Dakenba Callide Creek Bridge - \$2,758,000
- Theodore Moura Road Low Cost Seals (two projects) - \$1,922,000
- Taroom Sewerage Pump Station Upgrade - \$849,000
- Biloela 25m Pool – Disability Ramp and Grandstand - \$550,000
- Deearne Road Taroom Gravel Resheet - \$502,000
- Callide Street Biloela – Decks and Shade Sails - \$358,000
- Saleyards Road Taroom Low Cost Seal - \$349,000
- Yaldwyn Street Taroom Water Mains Replacement - \$313,000
- Ghinghinda Road Taroom Gravel Resheet - \$307,000
- Thangool Aerodrome Fencing Upgrade - \$271,000
- Biloela Skate Park Upgrade - \$248,000

The 2018/19 budget has been prepared using the zero based budgeting approach. This means that in this Statement of Estimated Financial Position the 2018/19 year Council's end of year accumulated surplus is zero. The actual surplus or deficit for the 2018/19 financial year will be provided once the Audit is completed.



Council should note that these are preliminary results and will change because of accounting adjustments and final revenue and expenditure amounts. A detailed report of the 2018/2019 financial result will be presented to Council when the financial statements have been completed.

This report is part of the mechanical process and legislative requirements associated with the adoption of Council's Annual Budget and hence, will form part of the Budget papers as tabled.

## Considerations

1. **Corporate Plan**  
Corporate Plan Strategy 1.2
2. **Policy and Legal Implications**  
The *Local Government Regulation 2012* Section 205 applies.
3. **Financial and Resource Implications**  
This report forms part of Council's budget process and is the starting point for the compilation of Council's financial statements in accordance with the *Local Government Act 2009*, *Local Government Regulation 2012* and Australian Accounting Standards.
4. **Risk Assessment**  
N/A

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## Corporate & Community Services Miscellaneous

A discussion was held in relation to communicating with the public.

**Cr Middleton** asked if Council will have a balanced budget and the Director Corporate and Community Services (DCCS) advised it will be an operating deficit but a balanced budget.

**Cr Snell** asked the DCCS to pass on Council's thanks to Council's Community Development Advisor for help provided at last weekend at Wahroonga in relation to the 'Dementia Unravelling' project.

**Cr Brennan** asked how the new Lessee at Lake Callide was going? The DCCS advised that there is a request to change some of the conditions of the lease, which will be brought to Council for discussion etc.

The Director Corporate and Community Services left the meeting.





## BANANA SHIRE COUNCIL

### Statement of Comprehensive Income

For the period ended 1 July 2018 to 30 June 2019

	Original Budget	Amended Budget	Est. Actuals
	\$	\$	\$
<b>Revenue</b>			
Rates and utility charges	38,129,586	38,129,586	39,875,706
Less Discounts & Pensioner remissions	(3,523,982)	(3,523,982)	(3,905,316)
Net rates and utility charges	34,605,604	34,605,604	35,970,390
Fees and charges	1,947,400	2,426,505	2,561,788
Operating grants, subsidies and contributions	13,120,420	12,546,775	13,096,154
Interest revenue	568,563	568,563	714,764
Sales - contract and recoverable works	9,492,100	16,405,736	15,593,000
Proceeds from sales of land developed for resale			252,881
Other income	717,700	260,700	463,024
<b>TOTAL OPERATING REVENUES</b>	<b>60,451,787</b>	<b>66,813,883</b>	<b>68,652,001</b>
<b>Expenses</b>			
Employee benefits	11,257,331	11,257,331	11,954,097
Materials and services	34,610,731	39,957,997	41,030,419
Depreciation and Amortisation	16,763,486	16,602,396	16,781,529
Finance Costs	1,261,591	1,261,591	1,281,119
Current cost of developed land sold	-		81,193
<b>TOTAL OPERATING EXPENDITURE</b>	<b>63,893,139</b>	<b>69,079,315</b>	<b>71,128,357</b>
<b>Operating surplus (deficit)</b>	<b>(3,441,352)</b>	<b>(2,265,432)</b>	<b>(2,476,356)</b>
<b>Capital income and expenditure:</b>			
Cash capital grants, subsidies and contributions	12,302,789	14,894,870	5,323,362
Developer Contributions			71,666
Other capital income	254,000	254,000	1,041,708
Net Gain/(Loss) from capital write offs	(393,169)	(468,276)	(5,108,890)
Net Gain/(Loss) on sale of Plant assets			(86,257)
Loss on change in Market Value of Loans	-	-	(50,774)
<b>Net result</b>	<b>8,468,268</b>	<b>12,161,162</b>	<b>(1,285,541)</b>





## BANANA SHIRE COUNCIL

### Statement of Financial Position

For the period ended 1 July 2018 to 30 June 2019

	Original Budget	Amended Budget	Est. Actuals
	\$	\$	\$
<b>Current Assets</b>			
Cash and deposits	22,645,047	23,623,078	23,221,031
Investments	5,000,000	5,000,000	5,000,000
Receivables	8,812,273	8,812,273	5,274,943
Inventories	3,306,696	3,306,696	2,741,447
	39,764,016	40,742,047	36,237,421
Non-current assets classified as held for sale	160,000	160,000	160,000
	39,924,016	40,902,047	36,397,421
<b>Non-Current Assets</b>			
Property, plant and equipment	699,561,577	702,017,157	673,571,605
Trade and other receivables			202,500
Intangible assets	165,177	165,177	225,386
Capital Work in Progress	9,022,877	9,022,877	2,381,387
	708,749,631	711,205,211	676,380,878
<b>TOTAL ASSETS</b>	<b>748,673,647</b>	<b>752,107,258</b>	<b>712,778,299</b>
<b>Current Liabilities</b>			
Trade and other payables	5,086,856	5,086,856	2,571,985
Provisions	2,636,649	2,636,649	2,623,928
Interest bearing liabilities	1,537,488	1,537,488	1,216,326
Other			505,000
	9,260,993	9,260,993	6,917,239
<b>Non-Current Liabilities</b>			
Provisions	20,694,735	20,694,735	29,174,870
Interest bearing liabilities	6,846,809	6,846,809	5,365,114
Other			
	27,541,544	27,541,544	34,539,984
<b>TOTAL LIABILITIES</b>	<b>36,802,537</b>	<b>36,802,537</b>	<b>41,457,223</b>
<b>NET COMMUNITY ASSETS</b>	<b>711,871,110</b>	<b>715,304,721</b>	<b>671,321,076</b>
<b>Community Equity</b>			
Investment in Capital Assets	205,129,493	207,585,073	188,512,595
Asset revaluation reserve	484,425,805	484,425,805	463,642,371
Restricted Capital reserves	22,315,812	23,477,812	19,166,110
Retained Surplus	-	(183,969)	-
<b>TOTAL COMMUNITY EQUITY</b>	<b>711,871,110</b>	<b>715,304,721</b>	<b>671,321,076</b>





## BANANA SHIRE COUNCIL

### Statement of Cash Flows

For the period ended 1 July 2018 to 30 June 2019

	Original Budget	Amended Budget	Est. Actuals
	\$	\$	\$
<b>Cash Flows from Operating Activities</b>			
Receipts from customers	45,629,246	52,564,987	54,747,703
Payment to suppliers and employees	(46,365,667)	(51,712,933)	(56,693,812)
Government subsidies and grants	13,120,420	12,546,775	13,096,154
Interest revenue	510,991	510,991	758,302
Finance costs	(653,662)	(653,662)	(745,423)
Proceeds from sale of developed land	-	-	252,881
Land and Development Costs	(1,400,000)	(1,400,000)	(636)
Other Income	151,340	-	3,234,174
Other Expenses	-	-	-
GST received for the year	-	151,340	10,850
<b>Cash provided by/(used in) operational activities</b>	<b>10,992,668</b>	<b>12,007,498</b>	<b>14,660,193</b>
<b>Cash Flow from Investing Activities :</b>			
Proceeds from sale of capital assets	554,000	554,000	139,351
Proceeds from developers, corporate entities and government for capital projects:			
Corporate contributions	3,375,000	4,425,000	1,113,374
Government grants and subsidies	9,187,988	10,469,869	5,323,362
Movements in work in progress	(1,668,671)	(1,668,671)	12,643,400
Payments for property, plant and equipment	(22,424,271)	(24,792,951)	(28,780,449)
Net transfer (to) from cash investment	-	-	-
Payment for Rehabilitation Works	(560,000)	(560,000)	-
<b>Net cash provided by investing activities</b>	<b>(11,535,954)</b>	<b>(11,572,753)</b>	<b>(9,560,962)</b>
<b>Cash Flow from Financing Activities :</b>			
Proceeds from borrowings	-	-	-
Repayment of borrowings	(1,449,840)	(1,449,840)	(3,296,621)
<b>Net cash provided by financing activities</b>	<b>(1,449,840)</b>	<b>(1,449,840)</b>	<b>(3,296,621)</b>
<b>Net Increase (Decrease) in Cash Held</b>	<b>(1,993,126)</b>	<b>(1,015,095)</b>	<b>1,802,610</b>
Cash at beginning of reporting period	24,638,173	24,638,173	26,418,421
<b>Cash at end of Reporting Period</b>	<b>22,645,047</b>	<b>23,623,078</b>	<b>28,221,031</b>





## BANANA SHIRE COUNCIL

### Statement of Changes in Equity

For the period ended 1 July 2018 to 30 June 2019

	Original Budget	Amended Budget	Est. Actuals
	\$	\$	\$
<b>TOTAL EQUITY</b>			
Balance at Beginning of Period	702,576,205	702,576,205	677,021,604
Correction to opening balance			
Increase (Decrease) in Net Result	9,294,906	12,728,516	(1,285,540)
Balance at End of Period	711,871,111	715,304,721	675,736,064
<b>Accumulated Surplus</b>			
Balance at Beginning of Period	-	-	-
Net Result	8,981,551	12,415,162	(1,285,540)
Other Capital Expenses			
Capital payments funded from General Revenue			
Transfer from Capital for unfunded depreciation			
Transfer from Reserves	6,583,417	6,898,093	11,812,990
Transfers to Capital and Reserves	(15,564,968)	(19,497,224)	(10,527,450)
Balance at End of Period	-	(183,969)	-
<b>Capital</b>			
Balance at Beginning of Period	197,044,283	197,044,283	191,097,737
Correction to opening balance	-	-	5,175
Transfers to Capital & Reserves	(1,919,975)	(319,600)	34,990
Transfers from Capital and Reserves	(2,557,804)	(2,872,480)	(7,837,673)
Transfers between Capital & Reserves	12,562,989	13,732,870	5,212,366
Balance at End of Period	205,129,493	207,585,073	188,512,595
<b>Asset Revaluation Reserve</b>			
Balance at Beginning of Period	484,112,450	484,112,450	468,062,534
Movement during period	313,355	313,355	(4,420,163)
Balance at End of Period	484,425,805	484,425,805	463,642,371
<b>Other reserves</b>			
Balance at Beginning of Period	21,419,471	21,419,471	17,861,333
Transfers to Capital and Reserves	17,484,943	19,236,586	(10,492,460)
Transfers from Capital and Reserves	(4,025,613)	(4,025,613)	(3,975,317)
Transfers between Capital and Reserves	(12,562,989)	(13,152,632)	(5,212,366)
Balance at End of Period	22,315,812	23,477,812	19,166,110



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## 9.0 Infrastructure Services

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### 9.1.1 MONTHLY COUNCIL REPORT – INFRASTRUCTURE SERVICES

**Date:** 14 June 2019  
**Author:** Chris Whitaker –Director Infrastructure Services  
**File ID:**  
**Letter ID:**  
**Attachment:** Works Schedule  
**Minute No:** OM004404

---

The Director of Infrastructure Services (DIS) advised of his intention to change this monthly report in the future to provide more meaningful data to the Council; and discussion was also held in relation to the attached 'works schedule'.

---

#### **Resolution:**

***That Council receive the June 2019 Infrastructure Services Monthly Council Report as presented.***

***Moved: Cr Semple***

***Seconded: Cr Brennan***

***Carried***

---

#### **Report**

This month's Council report by Infrastructure Services details the following actual expenditure:

- Over all Capital Expenditure
- Over all Town Maintenance
- Road Maintenance
- RMPC & TMR Minor Works

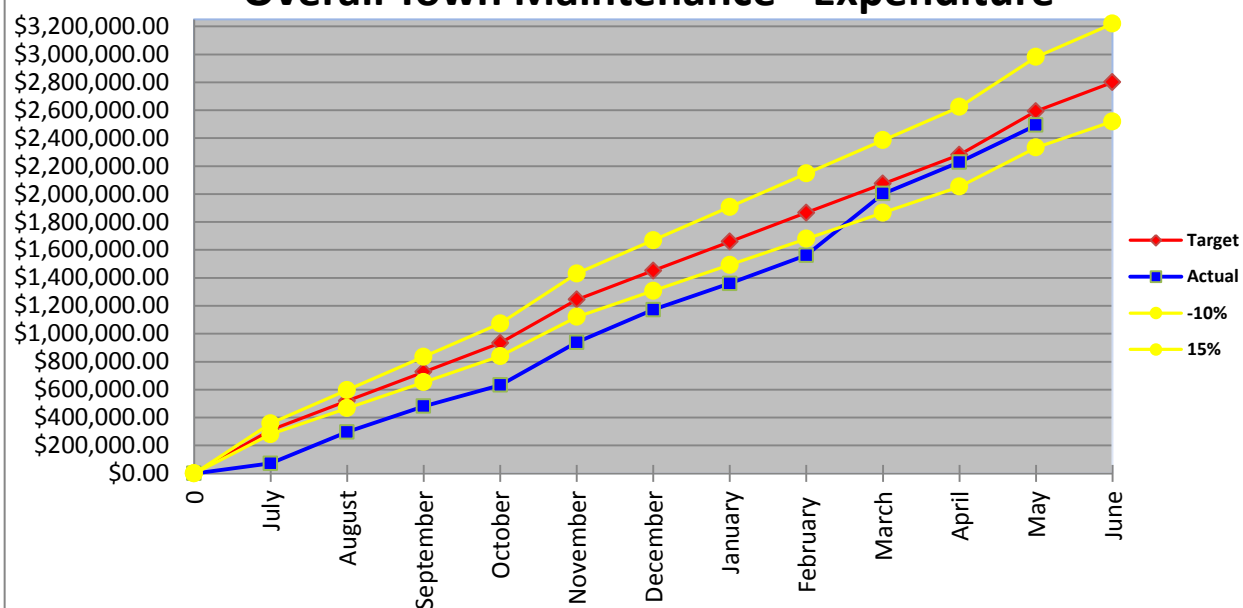
*\*Please see below the current expenditure profiles for various programs.*

*The lines shown represent:*

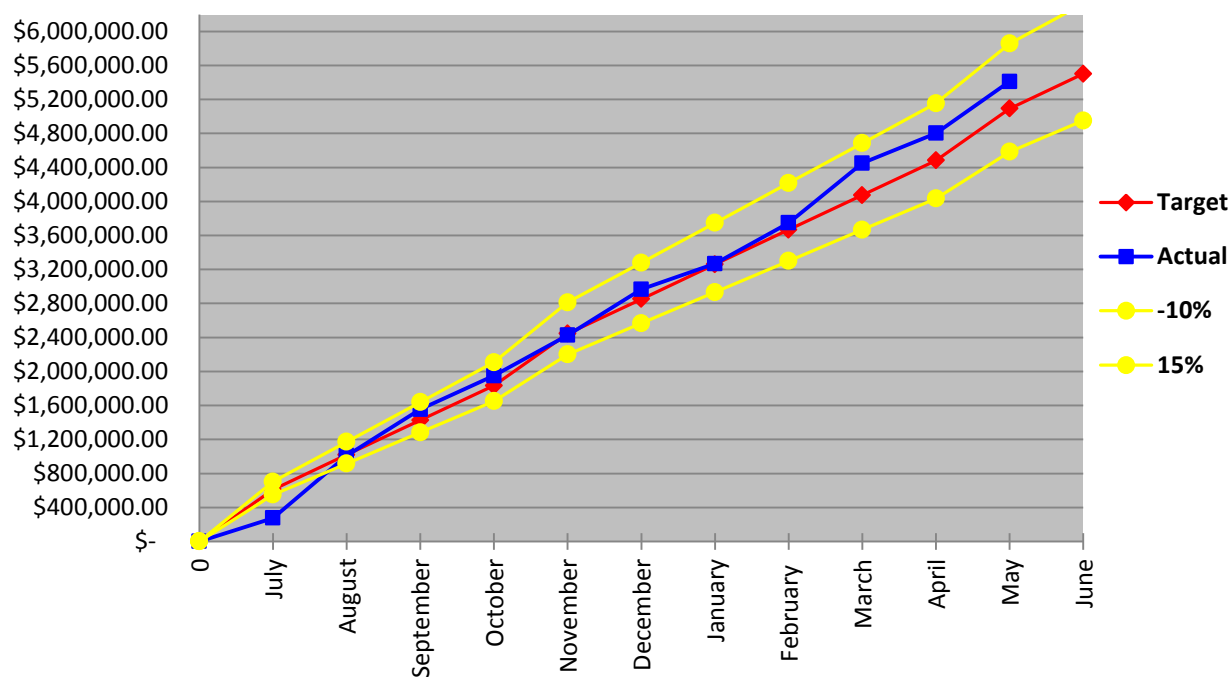
- *Yellow - (15% above, 10% below target)*
- *Red - (on target based on a "straight line approximation")*
- *Blue – Actual expenditure*



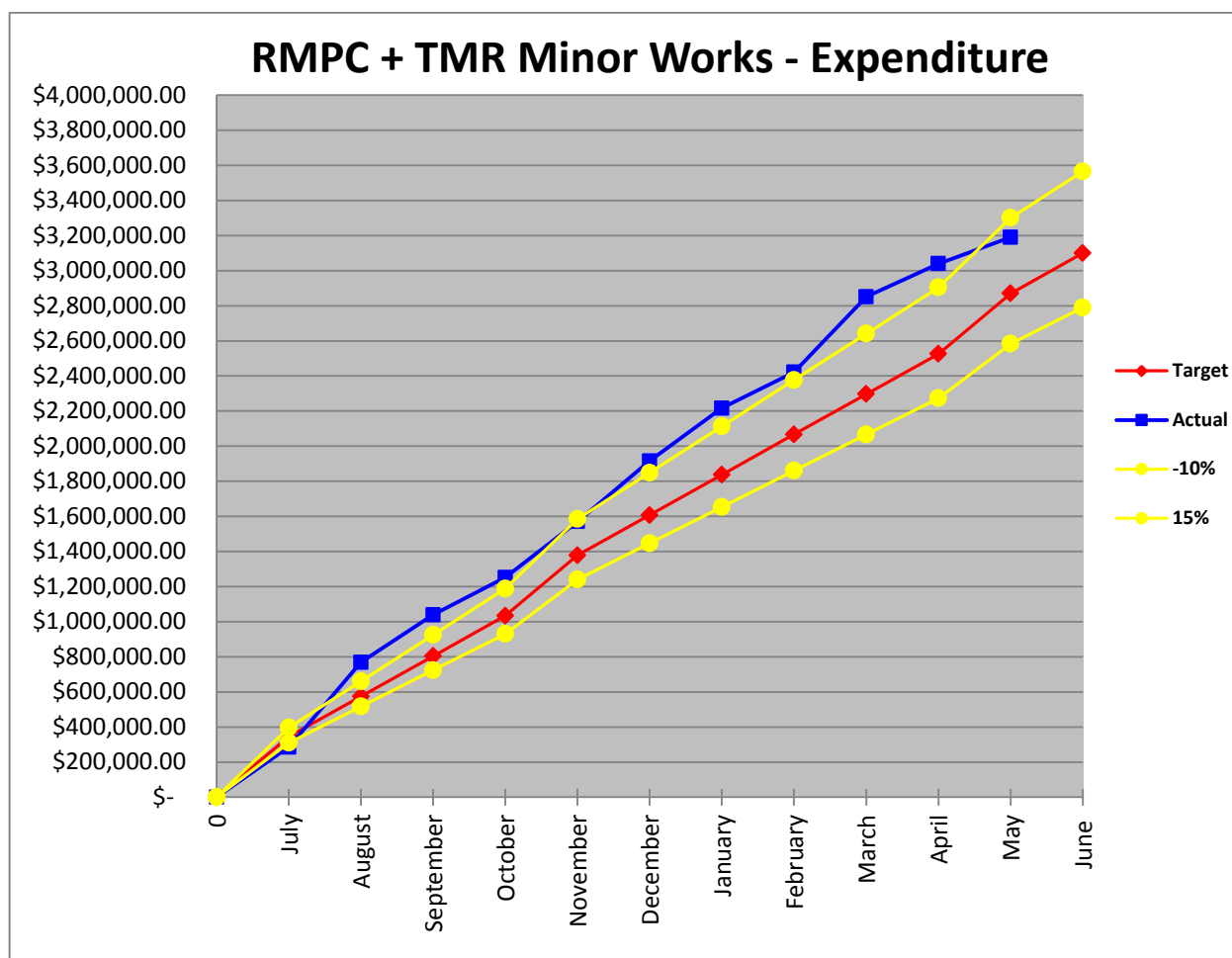
### Overall Town Maintenance - Expenditure



### Road Maintenance - Expenditure







## Considerations

### 1. Corporate Plan

The delivery of the RIP relates to Council's 'Corporate Objective 5 – Planning and Delivering our Infrastructure Services' as part of Council's Corporate Plan.

### 2. Policy and Legal Implications

The delivery of this program will be managed in such a way as all appropriate/applicable policies/legislation is complied with.

### 3. Financial and Resource Implications

The delivery of the various works programs are a significant undertaking by the Works Section which require an extensive commitment by the entire Works group.

All of these various programs will be delivered simultaneously utilising various combinations of Council, Sub-Contractor and Principal Contractor resources.

Critical to the delivery of these inter-connected programs is the diversity and multi-skilled competency of the expanded workforce, with a degree of internal redundancy contained within the Section.

Actual expenditure to date compared to target expenditure for 2018/19 is shown on the included graphs with upper and lower limits as an indicative monitoring measure.



---

#### **4. Risk Assessment**

The primary risk factors and control measures that would impede the full delivery of the Capital Works program are:

- Wet weather
- Loss of key staff
- Inability to appropriately up-skill, attract and/or retain key staff
- Breakdown of critical plant items
- Availability of key sub-contract plant and services
- Availability of key materials
- Availability of approved designs

These risks are constantly being monitored, reviewed and addressed.



---

## 9.1.2 ACTION REPORT ON PREVIOUS COUNCIL RESOLUTIONS – INFRASTRUCTURE SERVICES

**Date:** 19 June 2019  
**Author:** Chris Whitaker - Director Infrastructure Services  
**File No:**  
**Letter No:**  
**Attachment:** Resolutions Action Report  
**Minute No:** OM004405

---

DIS addressed all issues in the report and it was agreed to put a traffic counter in the main street of Taroom and another in the lane behind the hardware store.

---

### **Resolution:**

*That the Resolutions Action Report for Infrastructure Services be noted and received.*

***Moved: Cr Brennan***

***Seconded: Cr Semple***

***Carried***

---

### **Report**

This report is to advise Council of the outstanding matters currently being dealt with by the organisation.

### **Considerations**

1. **Corporate Plan**  
N/A
2. **Policy and Legal Implications**  
Policy and legal implications will be addressed through each matter.
3. **Financial and Resource Implications**  
Budget impacts will be addressed in resolving each matter.
4. **Risk Assessment**  
N/A



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### 9.1.3 MAJOR CAPITAL PROJECTS – MONTHLY ACTUAL EXPENDITURE – INFRASTRUCTURE SERVICES

**Date:** 19 June 2019  
**Author:** Chris Whitaker - Director Infrastructure Services  
**File ID:**  
**Letter ID:**  
**Attachment:** Capital Expenditure Report  
**Minute No:** OM004406

---

#### **Resolution:**

*That Council note and receive the Major Capital Expenditure Report for Infrastructure Services as at 12 June 2019.*

*Moved: Cr Semple*

*Seconded: Cr Brennan*

*Carried*

---

#### **Report**

Providing a report on Council's Major Capital Expenditure as at 12 June 2019 for Infrastructure Services.

Refer attachment.

---

The Director Infrastructure Services left the meeting.

The Acting Director Council Services attended the meeting.



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## 10.0 Council Services

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### 10.1.1 ACTION REPORT ON PREVIOUS COUNCIL RESOLUTIONS – COUNCIL SERVICES

**Date:** 6 June 2019  
**Author:** John McDougall, Director Council Services  
**File ID:**  
**Letter ID:** N/A  
**Attachment:** Resolutions Action Report  
**Minute No:** OM004407

---

**Cr Leo** asked that more detailed information be provided to the public on the locations, times etc for waste recycling.

**Cr Boyce** asked an agenda item be placed on the July workshop to discuss the location of the proposed Taroom transfer station. A decision was not made on this request.

---

#### **Resolution:**

***That the Resolutions Action Report for Council Services as presented be noted and received.***

***Moved: Cr Leo***

***Seconded: Cr Brennan***

***Carried***

---

#### **Report**

This report is to advise Council of the outstanding matters currently being dealt with by the Department.

#### **Considerations**

1. **Corporate Plan**  
N/A
  2. **Policy and Legal Implications**  
Policy and legal implications will be addressed through each matter.
  3. **Financial and Resource Implications**  
Budget impacts will be addressed in resolving each matter.
  4. **Risk Assessment**  
N/A
-



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## Adjournment

**Minute No:** OM004408

**A.** *That the meeting adjourn at 10.32 am for morning tea.*

**Moved:** Cr Leo

**Seconded:** Cr Brennan

**Carried**

**B.** *That the meeting resume at 10.51 am.*

**Moved:** Cr Semple

**Seconded:** Cr Middleton

**Carried**

---

## 10.1.2 MAJOR CAPITAL PROJECTS – MONTHLY ACTUAL EXPENDITURE – COUNCIL SERVICES

**Date:** 19 June 2019

**Author:** John McDougall - Director Council Services

**File ID:**

**Letter ID:**

**Attachment:** Capital Expenditure Report

**Minute No:** OM004409

---

### Resolution:

*That Council note and receive the Major Capital Expenditure Report for Council Services as at 12 June 2019.*

**Moved:** Cr Snell

**Seconded:** Cr Middleton

**Carried**

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## Report

Providing a report on Council's Major Capital Expenditure as at 12 June 2019 for Council Services.

Refer attachment.



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## 10.2.1 PROPOSED APPLICATION OF THE *STRONG AND SUSTAIBALE RESOURCE COMMUNITIES ACT 2017* TO THE BARALABA NORTH MINE AND COOK COLLIERY

**Date:** 20 June 2019  
**Author:** Chris Welch, Manager Environment & Planning  
**File ID:**  
**Letter ID:** 1482498- Correspondence from the Office of the Coordinator-General  
**Attachment:**  
**Minute No:** OM004410

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**Cr Leo** asked if this would impact on Banana and the Acting Director Council Services advised it will and he will review the report below to include Banana.

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### **Resolution:**

***That Council respond to the Coordinator-General offering no objection to the possible declaration of the Baralaba North Mine and Cook Colliery under the Strong and Sustainable Resource Communities Act 2017.***

***Moved: Cr Semple***

***Seconded: Cr Middleton***

***Carried***

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### **Report**

Council has received information from the Office of the Coordinator-General concerning a possible declaration under the *Strong and Sustainable Resource Communities Act 2017* (SSRC Act) over the Baralaba North Mine and Cook Colliery. The intention of the SSRC Act is to ensure that residents of communities near large resource projects benefit from these projects. The SSRC Act prohibits the use of 100 per cent fly-in fly-out on large resource projects and prevents discrimination against locals in the future recruitment of workers for large resource projects.

The two base criteria in the SSRC Act for determining what towns should be included in the declaration are -

- towns with more than 200 people; and
- towns within a 125 kilometre radius of the mine's main access;

The information provided by the Office of the Coordinator-General identifies the towns of Baralaba, Moura, Theodore, Biloela and Thangool.

The Office of the Coordinator-General seeks Council's consideration of the proposed declaration and offers the opportunity to provide any further suggestions for towns to be included. A review of the SSRC Act criteria supports the nomination of the proposed towns. A review has been conducted into any other towns that could possibly be included. The towns of Wowan, Goovigen, Dululu and Jambin are all within the 125 kilometre radius. Dululu and Jambin populations are well below the 200 people threshold set in the SSRC Act and should not be considered further. Statistics available for the Australian Bureau of Statistics for Wowan and Goovigen indicate populations just exceeding 200 people. However, this figure also includes rural populations in the surrounding districts so it is probable that neither town has an 'urban' population in excess of 200. In the circumstances, neither town should be considered for inclusion on the basis of the SSRC Act criteria.

### **Recommendation**

It is recommended that Council respond to the Coordinator-General offering no objection to the possible declaration of the Baralaba North Mine and Cook Colliery under the Strong and Sustainable Resource Communities Act 2017 and not offering any additional towns for inclusion in the declaration.



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## Considerations

1. **Corporate Plan**  
N/A
2. **Policy and Legal Implications**  
N/A
3. **Financial and Resource Implications**  
N/A
4. **Risk Assessment**  
N/A

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## Council Services Miscellaneous

**Cr Leo** provided the Acting Director Council Services with the contact details of the person who has undertaken a lot of research on the Banana Cemetery.

The CEO provided Council with an update on SunWater's water pricing for Banana Shire Council following a teleconference with SunWater representatives last week.

**Minute No:** OM004411

***That the Mayor, Deputy Mayor, Cr Snell and CEO be authorised to negotiate with SunWater in relation to the water pricing for the 2019/2020 financial year for Banana Shire Council.***

***Moved: Cr Semple***

***Seconded: Cr Boyce***

***Carried***

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The Acting Director Council Services left the meeting.



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## 11.0 Executive Services

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### 11.1.1 ACTION REPORT ON PREVIOUS COUNCIL RESOLUTIONS – EXECUTIVE SERVICES

**Date:** 19 June 2019  
**Author:** Ray Geraghty - Chief Executive Officer  
**File No:**  
**Letter No:**  
**Attachment:** Resolutions Action Report  
**Minute No:** OM004412

---

#### **Resolution:**

*That the Resolutions Action Report for Executive Services as presented be received.*

*Moved: Cr Middleton*

*Seconded: Cr Snell*

*Carried*

---

#### **Report**

This report is to advise Council of the outstanding matters currently being dealt with by the organisation.

#### **Considerations**

1. **Corporate Plan**  
N/A
2. **Policy and Legal Implications**  
Policy and legal implications will be addressed through each matter.
3. **Financial and Resource Implications**  
Budget impacts will be addressed in resolving each matter.
4. **Risk Assessment**  
N/A



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## 11.1.2 MAJOR CAPITAL PROJECTS – MONTHLY ACTUAL EXPENDITURE – W4Q PROJECTS

**Date:** 19 June 2019  
**Author:** Ray Geraghty, Chief Executive Officer  
**File ID:**  
**Letter ID:**  
**Attachment:** Capital Expenditure Report W4Q Projects  
**Minute No:** OM004413

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### **Resolution:**

*That Council note and receive the Major Capital Expenditure Report for the W4Q projects as at 12 June 2019.*

*Moved: Cr Snell*

*Seconded: Cr Middleton*

*Carried*

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### **Report**

Providing a report on Major Capital Expenditure for the W4Q projects as at 12 June 2019 for Council Services.

Refer attachment.



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### 11.1.3 DRUG AND ALCOHOL POLICY AND PROCEDURE

**Date:** 17 June 2019  
**Author:** Ray Geraghty – Chief Executive Officer  
**File ID:**  
**Letter ID:**  
**Attachment:** Drug and Alcohol Policy and Procedure  
**Minute No:** OM004414

---

#### **Resolution:**

***That Council adopt the revised Drug and Alcohol Management Strategy, i.e. the Drug and Alcohol Policy and endorse the Drug and Alcohol Procedure.***

***Moved: Cr Leo***

***Seconded: Cr Middleton***

***Carried***

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#### **Report**

The Drug and Alcohol Policy and Procedure underwent an extensive review process in 2018 including considerable consultation.

Council has a “Duty of Care” to ensure the health, safety and wellbeing of its workers, visitors and the public as part of its operations. Persons adversely affected by Drugs and/or Alcohol pose a significant risk to themselves and others in a workplace.

To this end, the review of our drug and alcohol management strategy will significantly reduce the risk of persons affected by Drugs and/or Alcohol remaining in the workplace.

The Drug and Alcohol Management Strategy includes support, counselling and management processes for persons who may have Drug and/or Alcohol dependency or legitimate medical drug use issues.

#### **Considerations**

**1. Corporate Plan**  
N/A

**2. Policy and Legal Implications**

The Work Health and Safety (WHS) laws require a person conducting a business or undertaking (PCBU) to ensure, so far as is reasonably practicable, the health and safety of their workers while at work in the business or undertaking.

This includes:

- provision and maintenance of a work environment without risks to health and safety
- health of workers and the conditions at the workplace are monitored for the purpose of preventing illness or injury of workers arising from the conduct of the business or undertaking

**3. Financial and Resource Implications**

There will be some costs associated with the revision of this strategy, however a decreased cost overall. Cost of tests, equipment and calibration are amongst these costs.

Ongoing monitoring of the program will allow WH&S personnel and management to gauge the effectiveness of this strategy.



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**4. Risk Assessment**

To date there are some suspicions amongst the workforce of drug use and the over indulgence of alcohol prior to the work day is also suspected.

The processes included within the Drug and Alcohol policy and procedures will allow Council to respond to these reports in a reasonable manner and to take the necessary steps to intervene where required.





# BANANA SHIRE COUNCIL

## Policy

TITLE	<b>DRUG AND ALCOHOL POLICY</b>
POLICY NUMBER	<b>71</b>
FUNCTION / ACTIVITY (for Policy Register Purposes)	<b>WORK HEALTH AND SAFETY</b>
RESPONSIBLE DEPARTMENT	<b>Executive Services</b>
LEGISLATION	<b>Work Health and Safety Act 2011 Work Health and Safety Regulation 2011</b>
ADOPTED	<b>Minute No. OM002936 19/11/14 Ordinary Meeting</b>
REVIEWED/AMENDED	<b>25 June 2019 Ordinary Meeting – Minute OM004414</b>
NEXT REVIEW DUE	<b>May 2022</b>

### SCOPE

This Policy applies to all employees, who carry out work in any capacity for Banana Shire Council including contractor or subcontractor, volunteer or Councillor.

### OBJECTIVE

This Policy supports Banana Shire Council's commitment to maintaining a safe and efficient working environment at Council.

### RELATED DOCUMENTS

Banana Shire Council Code of Conduct  
Banana Shire Council Drug and Alcohol Procedure  
Banana Shire Council Workplace Health and Safety Policy Statement  
Council's Certified Agreement/s  
*Local Government Act 2009*  
*Local Government Regulation 2012*  
*Relevant Australian Standards*  
*Transport Operations (Road Use Management) Act 1995*  
WHSQ Framework for Alcohol and Drug Management in the Workplace  
*Work Health and Regulation 2011*  
*Work Health and Safety Act 2011*



## **POLICY**

Workers and all those with a direct connection to council operations are not to present themselves for work if they have consumed alcohol and/or other drugs where they may be at risk of impairment during work hours.

Alcohol and illicit drugs may not be consumed at any Council workplace, in any Council owned vehicle or plant, or at any time as a worker of the Council and all those with a direct connection to council operations whilst undertaking their respective duties.

An exception for the consumption of alcohol may be made for special occasions or locations as determined by the CEO or Mayor and where the provision of hospitality is within the bounds of normal customary hospitality.

Where alcohol is stored on council premises it shall be in a separate locked container and with the direct approval of the CEO.

Workers and all those with a direct connection to council operations shall not remain at the workplace if they become impaired, or there is a risk of impairment, by alcohol and/or other drugs.

### **Awareness and Training**

Council recognises that it is important to develop a workplace culture, through awareness and training where employees are prepared to encourage each other to be safe and not unfit for work. All employees shall be familiarised with this Policy and the Drug and Alcohol Procedure within six months of commencement of employment.

### **Employee Assistance**

Council recognises drug and alcohol dependency as a treatable condition. Workers and all those with a direct connection to council operations who suspect they have an issue with drugs and/or alcohol are encouraged to seek advice regarding appropriate treatment options. Council offers council employees and their immediate families the services under the Employee Assistance Program (EAP).

### **Prescription and Pharmacy Medication**

If Council suspects that a worker's and all those with a direct connection to council operations, ability to safely perform work is impaired (or likely to be impaired), Council may take steps to address the issue in accordance with this Policy and associated procedures. It is critical that employees disclose behaviour and state altering medications to their supervisors.

### **Drug and Alcohol Testing Triggers**

Consistent with Council's obligation and commitment to ensuring a safe workplace, workers and all those with a direct connection to council operations may be required to undergo drug and alcohol testing in the following circumstances in accordance with the Drug and Alcohol Procedure:

- Voluntary or mandatory,
- Random Testing Program;
- Reasonable Suspicion; and/or
- Post an Incident including a plant and vehicle accident.

## **CERTIFICATION**

.....  
**CHIEF EXECUTIVE OFFICER**  
**BANANA SHIRE COUNCIL**

.....  
**DATE**





# BANANA SHIRE COUNCIL

## Procedure

TITLE	<b>WORK HEALTH AND SAFETY DRUG AND ALCOHOL PROCEDURE</b>
RELATES TO POLICY	<b>WORK HEALTH AND SAFETY POLICY</b>
APPROVED BY CEO	<b>Endorsed by Council - 25 June 2019 Ordinary Meeting – Minute OM004414</b>
REVIEWED/AMENDED	
NEXT REVIEW DUE	<b>April 2022</b>

## PROCEDURE

### SCOPE

This Procedure applies to all employees, who carry out work in any capacity for Banana Shire Council including contractor or subcontractor, volunteer or Councillor.

### REFERENCES

This Procedure supports Banana Shire Council's commitment to maintaining a safe and efficient working environment for all workers and all those with a direct connection to council operations.

#### References

- WHSQ Framework for Alcohol and Drug Management in the Workplace
- Banana Shire Council Drug and Alcohol Policy
- Banana Shire Council Code of Conduct
- Australian Standards  
AS3547:1997 - Breath alcohol devices for personal use.  
AS4760:2006 - Procedures for specimen collection and the detection and quantity of drugs in oral fluid.
- Transport Operations (Road Use Management) Act 1995: Section 79: Vehicle offences involving liquor or other drugs.
- *Work Health and Safety Act 2011*(QLD)
- *Work Health and Safety Regulation 2011* (QLD)
- *Local Government Act 2009*
- *Local Government Regulation 2012*
- Flowcharts documenting each process covered in this procedure are contained in the Appendix of this document.



## DEFINITIONS

<b>BAC</b>	Means Blood Alcohol Content.
<b>CEO</b>	<i>Chief Executive Officer</i> A person who holds an appointment under section 194 of the <i>Local Government Act 2009</i> .
<b>Confirmatory Test</b>	Second analytical test performed to identify the presence of alcohol and/or other drugs in accordance with Australian Standard AS3547:1997 and AS4760:2006. The confirmatory test is a retest of a second sample from the original sample taken at the original collection time. Nothing in this Procedure shall prevent the carrying out of a second independent test, by a method chosen by the person who tested non negative.
<b>Confirmed Positive Test</b>	Confirmatory sample returning a result at, or in excess of, the levels contained in AS4760: 2006 performed at a NATA credited Laboratory by GC/MS.
<b>Council</b>	Banana Shire Council
<b>Councillor</b>	The Mayor and/or a Councillor/s of Banana Shire Council, within the meaning of the <i>Local Government Act 2009</i> .
<b>Employee</b>	<i>Local government employee—</i> (a) the chief executive officer; or (b) a person holding an appointment under section 196 of the <i>Local Government Act 2009</i> .
<b>Fitness for Work</b>	A state (physically, mentally and emotionally) to perform assigned tasks competently and in a manner which does not compromise or threaten the health, wellbeing and safety of themselves or other persons.
<b>Impairment</b>	A symptom of reduced quality, strength or effectiveness of a worker due to the effects of drugs and / or alcohol consumption whilst performing their usual duties.
<b>Limited Random Testing</b>	Period of random testing of a worker in the case where the worker either:  Fails a drug or alcohol test; and/or unreasonably refused a drug or alcohol test as a result of a reportable incident or random testing program; and/or following a determination of impairment as a result of an impairment assessment.
<b>Non-Negative Result</b>	Initial positive test as yet unconfirmed by confirmatory testing by the tester.
<b>Negative Result</b>	Result below the required or target concentration used for initial testing.
<b>Random Testing</b>	Random drug and alcohol testing may be conducted for all workers. Random selection will be based on work groups, not individuals, given the large geographical area that Council workers cover.



**Tester** Person authorised by Council and trained to conduct Breath Analysis and Oral Swab testing in accordance with Australian Standard AS3547:1997 and AS4760:2006.

**Worker** Worker under Section 7 of the Work Health and Safety Act 2011, being :  
  
an employee, or  
a contractor or subcontractor, or  
an employee of a contractor or subcontractor, or  
an employee of a labour hire company who has been assigned to work in the person's business or undertaking, or  
an outworker, or  
an apprentice or trainee, or  
a student gaining work experience, or  
a volunteer, or  
a person of a prescribed class.

**Workplace** Place where work is carried out for a business or undertaking and includes any place where a worker goes, or is likely to be, while at work. Place includes: a vehicle, vessel, aircraft or other mobile structure, and any waters and any installation on land, on the bed of any waters or floating on any waters, in accordance with Section 8 of the Work Health and Safety Act 2011.

### **Confidentiality**

The Council will endeavour to ensure that the highest levels of confidentiality are maintained in the application of this procedure. The following minimum conditions shall apply:

All testing will be conducted by responsible staff and/or accredited providers in accordance with work procedure.

Workers who record a non-negative result will be treated at all times in a respectful and non-judgemental manner by all involved in the management of the matter.

The CEO is authorised under this procedure to access, delegate and assign authority for access and use of the information obtained under this procedure, including but not limited to authorised government agencies, insurers (for claims submissions, where applicable).

### **Consultation Communication and Information**

Council will ensure that the development of the Alcohol and Other Drugs Policy and Procedure occurs in consultation with, all stakeholders including the Work Health and Safety Committee and Joint Consultative Committee which may make recommendations based on consensus.

Other communication processes in the workplace may include toolbox meetings, newsletters, and the use of communication boards.

### **Education and Training**

Council recognises that it is important to develop a workplace culture through education, where workers are prepared to encourage each other to be safe and not under the



influence or impaired at work. Council will provide this education and awareness information to its workers at all levels.

Existing workers will receive training in this policy and the accompanying procedure within six (6) months of its official adoption by Council. Contractors and volunteers will also be informed of the requirements within this timeframe.

New workers will receive education at induction on commencement with Council or within the first 3 months.

### **Employee Assistance Program and Information**

If a worker has issues of concern including those related to alcohol and other drugs Council encourages workers to make use of the Employee Assistance Program (EAP) and seek appropriate support and assistance.

### **Alcohol and Other Drugs Testing Program**

**The Council has set the acceptable limit of Alcohol at 0.00**

**The Council has zero tolerance for any illicit drugs on premises.**

Council has established a program of testing that will:

- Provide people with information about the effects of alcohol and other drugs
- Discourage people from coming to work where they may be unfit for work because of alcohol or other drugs; and
- Assist in identifying people who may be unfit for work.

The options are:

- Voluntary, and
- Post incident, and
- Reasonable suspicion; and
- Random; and
- Targeted (for workers who have given a confirmed positive result for alcohol and other drugs).

A business card detailing Council's contact details and outlining the drugs which may be detected during drug testing is available for each employee to assist them with discussing the effects of drugs on their fitness for work with their healthcare providers.

A copy of the card is contained in Appendix 3 of this procedure.

### **Australian Standards: Methods of testing:**

Testing will be based on the following Australian Standards:

AS 3547 – 1997: Breath alcohol testing devices for personal use;

AS 4760 – 2006: Procedures for specimen collection and the detection and quantitation of drugs in oral fluids; and

AS/NZ 4308: Procedures for specimen collection and the detection and quantitation of drugs of abuse in urine.



### **Voluntary Testing (Appendix 2 – Flowchart 006)**

Voluntary testing provides workers with the ability to volunteer to be tested either for drugs and/or alcohol.

Workers who engage in voluntary testing at work or during work hours who produce a confirmed positive test will be required to actively participate in a structured and specifically agreed rehabilitation program in accordance with the limited random testing process.

Immunity from disciplinary action will be provided to the worker on the condition that they comply with the rehabilitation program and do not report for work and commence work in an unfit state during the rehabilitation program.

These workers should request a voluntary or self-test if in doubt, prior to commencing duties. If a worker request voluntary test, they must be prepared to discuss further with manager, WHS team and HR.

### **Post Incident Testing (Appendix 2 – Flowchart 002)**

After an incident at the workplace, the Supervisor in consultation with the Health and Safety Representative may require a worker to undergo an initial alcohol or other drug test.

Post Incident Testing will take place no later than twelve (12) hours after the incident where an incident occurs. If an employee fails to report an incident, as defined, immediately as required and testing is unable to be undertaken within twelve (12) hours as a result of this failure, the testing will be conducted under Reasonable Suspicion.

Where an Incident occurs, all workers directly involved in the incident may be tested.

### **Worker and Supervisor Responsibility**

The worker(s) concerned will notify the incident in accordance with the Incident Reporting Procedure of Council. This includes notifying their Supervisor as soon as possible after an incident occurs.

### **Reasonable Suspicion (Appendix 2 - Flowchart 003)**

If a person is not deemed fit for work following a visual assessment in accordance with the Reasonable Suspicion Procedure outlined in this document, the worker will be requested to undergo an initial alcohol and/or drug test in accordance with this procedure.

If a worker refuses to undergo an initial test without an appropriate reason, then the worker may be stood down until they can provide medical evidence to justify their fitness for work, or they undertake the test. Workers stood down can apply to take paid leave in accordance with the provisions of the relevant Award or Agreement for suspended workers.

### **Random (Appendix 2 – Flowchart 007)**

Random testing for alcohol and/or other drugs for Council's workers may be conducted at any time throughout the worker's hours of work (including overtime).

Random testing will be conducted in an appropriate area which contains adequate facilities for testing. The testing will be done discreetly.



## Reasonable Suspicion Procedure

The following procedure is for use by appropriately trained staff to assess fitness for work. These trained Council staff members are referred to as *'responsible persons'*.

### When and how should this procedure be used?

This procedure is for use when a responsible person reasonably suspects that a worker is impaired by alcohol and/or other drugs in the workplace. Reasonable suspicion of impairment can be based on the list of objective indicators set out at Appendix 1.

If another staff member is concerned that a person on Council premises, or worksites, is impaired, they should report their suspicion to their Manager or a *responsible person*. The responsibility to make a formal assessment of a person's impairment remains with the *responsible persons*.

### Consulting with the worker

The responsible persons are to request a discussion with the worker in a private location away from other workers, where possible. The worker should be given an opportunity to have a Union delegate or other person attend the discussion. The privacy of the worker is a priority at all times. The responsible person should use wording such as:

*"I am concerned that you are behaving unusually today because I have observed [list indicators forming basis of reasonable suspicion]. Is there a reason for this?"*

## Testing Procedure – Alcohol – (Appendix – Flowchart 005)

### Conducting the Test

Workers identified to participate in alcohol testing will be required to carry out a supervised alcohol analysis test, using a calibrated breath testing device as per the Australian Standard AS3547:1997 - Breath alcohol devices for personal use . The test will be administered by a suitably qualified person.

Unless medically required, no food or drink is to be consumed for 15 minutes prior to the test. Smoking shall also not be permitted as it may distort the test results.

In the event that a non-negative result is registered, a subsequent test will be carried out 15 minutes after the first test. During this 15 minute period, the worker is to be supervised continually at all times by the person conducting the tests.

Workers with a non-negative second breath analysis test results will be presumed unfit for work and arrangements will be made to transport the person to their home. The worker will then be required to submit for a further test at the first available opportunity on the next working day before being able to resume their normal duties.

Where a person presents a negative result the person will be permitted to commence or resume their normal duties.

Any person who refuses to undergo testing will be given the opportunity to explain their reasons; these will be discussed with the relevant manager, WHS team and Human Resources



If a person refuses to undergo a reasonable request test three (3) times in succession, this will be recorded as a *Refused test* and the person will be treated as if they have provided a test result of an unconfirmed result. For further information refer to the procedure and Drug Testing Flowchart 004 (*Refusal*).

## **Testing Procedure – Other Drugs (Appendix 2 – Flowchart 001)**

### **Conducting the Test**

Workers identified to participate in a drug test will be required to undergo an oral swab test as per the Australian Standard AS4760:2006. The test will be administered by a suitably qualified person.

### **Workers with prescribed medication**

It is recognised that certain prescription medication may return positive results during testing, and it is the responsibility for any worker, in accordance with Councils work health and safety policies and procedures, to inform their Supervisor if they are taking any prescription medication that may cause impairment whilst at work. A suitable prescription will be required to be produced by the worker as supporting evidence.

Any employee required to undertake drug testing can choose to declare any medication taken immediately prior to the test being conducted.

Such information is to be kept confidential and only to be used in determining if such medication has contributed to or caused a non-negative.

If the worker declares the medication prior to any testing being conducted, and the drug class(es) declared is consistent with the drug class(es) detected at the initial screening test, then a fitness for work assessment is to be conducted by a Responsible Person.

If the person is assessed to be fit for work the person will be permitted to return to work.

If the person is assessed to be unsafe to continue to operate vehicle or heavy/mobile plant or work in their normal position, or perform suitable duties, then arrangements will be made to transport the person to their home or a safe place unless an acceptable form of public transport is available.

Council may request further information for a late declaration of medication such as a medical certificate from the worker's doctor. If the person did not declare the medication prior to the testing being conducted, or if the drug class(es) declared is inconsistent with the drug class(es) detected, or there are methamphetamines present, then the person may be assessed as unfit for work and arrangements will be made to transport the person to their normal place of residence .

### **Confirmatory Test is Non-Negative and Consistent with Medication (Appendix 2 – Flowchart 009)**

A confirmatory non-negative test result for other drugs will be determined by the Australian Standard AS4760:2006.

The accredited testing laboratory will forward all test results to the HR Manager in writing, identifying the confirmatory test was positive but consistent with medication declared.



If the worker has previously been allocated low risk duties, their fitness for work will be reassessed and the worker will either return to normal duties or remain on low risk duties for the duration of the use of the medication, providing the duration of the use of the medication is a reasonable timeframe.

If the worker has been stood aside pending the confirmatory test results, the Human Resources Manager will contact them and request that they return to work once results have been received.

On return to work, the WHS team in consultation with either the Supervisor and/or Manager will reassess their suitability for duties.

### **Confirmatory Test is Non-Negative and Not Consistent with Medication (Appendix 2 – Flowchart 008)**

Once the accredited testing laboratory has forwarded the results to the Human Resources Manager, the worker and the applicable Manager will be advised in writing that the confirmatory test was non-negative but inconsistent with the medication disclosed by the worker.

The letter of confirmation forwarded by Council to the worker confirming the test result will set out a nominated time and date when the worker and, if requested, their Union or other representative, will discuss further action with their relevant Manager(s).

If the worker requests to access paid leave entitlements such as personal, annual or long service leave, as part of the further action discussion, agreement to access to relevant leave entitlements must be approved by the CEO.

### **Confirmatory Test is Negative**

The accredited testing laboratory will forward the results to the Human Resources Manager who will then advise the worker and their Supervisor that the confirmatory test result was negative.

If the worker has been stood down pending the outcome of the confirmatory test, the Human Resources Manager will contact them to arrange the workers return to work.

Any loss of pay or use of paid leave as a result of being stood down will be reimbursed and reinstated in full by Council.

### **Refusal or Tampering of Tests (Appendix 2 – Flowchart 004)**

#### **Refusal**

The Human Resources Manager or other senior Manager shall use the following procedure if a person refuses to take an initial drug or alcohol test:

1. The authorised collector will inform the worker who has refused the test that the refusal will have the same consequences as a non-negative result, i.e. that the worker will be deemed to be under the influence of drugs and/or alcohol.
2. The worker will be offered the test again. This would be the second request to be tested.
3. If the worker still refuses, the authorised collector will notify the relevant Manager and the Human Resources Manager of the refusal to take the test. After discussion between the Manager and the worker, the Manager will re-offer the test to the



- worker. The Manager should discuss the refusal and likely consequences with the worker, try to determine the reasons for refusal and then re-offer the test.
4. This will be the third and final offer to be tested.
  5. If the worker still refuses, the refusal will be recorded as 'Refused Test'. Arrangements will be made to transport the person to their home or a safe place.
  6. The Manager will inform the Director of the situation and ensure all documentation is forwarded to the Human Resources Manager for recording and filing.
  7. The worker concerned will not be permitted to return to work until a discussion is held with the relevant Manager and the Human Resources Manager and a negative test result is obtained.
  8. If the worker requests access to paid leave entitlements such as personal, annual or long service leave, as part of the further action discussion, agreement to access relevant leave entitlements must be approved by the CEO

### **Tampering**

Any attempt to tamper with samples and introduce, or alter the concentration of alcohol or other drugs in their own, or another's saliva or breath may constitute serious misconduct and be dealt with according to Council's Disciplinary Procedure.

### **Procedure for Non-Negative Results**

The relevant Manager, in consultation with the Human Resources Manager, is accountable for monitoring the frequency of targeted random testing for a worker who provides a non-negative confirmatory result and shall determine the appropriate action in accordance with the following on a case by case basis.

Any disciplinary action taken is to be in accordance with the provisions of the Banana Shire Council Code of Conduct.

### **Reportable Offences**

Any person who, while under the influence of liquor or a drug—

- a) Drives a motor vehicle, plant, equipment, tram, train or vessel; or
- b) Attempts to put in motion a motor vehicle, plant, equipment, tram, train or vessel; or
- c) Is in charge of a motor vehicle, plant, equipment, tram, train or vessel;

Is guilty of an offence under the provisions of the *Transport Operations (Road Use Management) Act 1995*: Section 79: Vehicle offences involving liquor or other drugs.

### **Dealing with Aggressive or Abusive Behaviour**

If a worker displays aggressive or violent behaviour when required to undertake an alcohol and/or other drug test, the Supervisor or Manager should remain calm and not argue with or mirror the worker's behaviour.

In the case of actual or apprehended violent behaviour, the worker may be stood down and be advised that the police will be called. This option is to be used as a last resort.

### **Rehabilitation**

The worker's Manager and/or the Human Resources Manager may assist the individual worker in developing a rehabilitation plan to manage their fitness for work issue. The details of the plan should be agreed between the parties and may include the aim of the plan, the actions to be taken, the progress reporting procedure, the review date and the timeframe for return to work.

A rehabilitation plan template is included in this procedure at Appendix 4.



### **Review and Audit**

This procedure will be reviewed when any of the following occur:

- The related information is amended or replaced; or
- Other circumstances as determined.

### **Other Council Policies and Procedures**

Other staff related policies and procedures should be read in conjunction with this procedure where required.

### **Grievances/Disputes Relating to this Policy**

Any dispute relating to the application of this procedure shall be settled in accordance with the Grievance and Dispute Settlement Procedure of the Banana Shire Council.

### **APPROVED**

.....  
**CHIEF EXECUTIVE OFFICER**  
**BANANA SHIRE COUNCIL**

.....  
**DATE** .....



## APPENDIX 1

### Fitness for Work Assessment

#### Observable Indicators of Impairment

Assessment of a person is to be made in accordance with this list of observable indicators in the context of changes to a person's behaviour.

Responsible persons include: Director, Coordinator, Manager, Supervisor, WHS Advisor

At least one (1) of the physical indicators must be satisfied and agreed between the responsible persons for reasonable suspicion to be established.

Emotional effects (the second part of the table) should not be used as indicators of reasonable suspicion but may be recorded as additional information.

Date:	Time:
Name of person being assessed	
Name of attending representative (if requested)	
Name of person requesting assessment	
Name of responsible person conducting assessment	1.
	2.

#### Assessment Triggers

Behaviour / actions / observations reported PRIOR to this assessment:

Physical Indicator	Comments / Observed
Strong smell of alcohol on breath	
Slurred, incoherent or disjointed speech (losing track)	
Unsteadiness on the feet	
Poor coordination / muscle control	
Drowsiness or sleeping on the job or during work breaks	
Inability to follow simple instructions	
Nausea / vomiting	
Reddened or bloodshot eyes	
Jaw clenching	
Sweating / hot and cold flushes	



<b>Emotional Effect (Not a basis for reasonable suspicion)</b>	<b>Comments / Observed</b>
Loss of inhibitions	
Aggressive or argumentative behaviour	
Irrational	
Intense moods (sad, happy, angry)	
Quiet and reflective	
Talkative	
Increased confidence	
Appearance or behaviour is 'out of character'	

**Observation Checklist – Physical Indicators**

BREATH	Smell of intoxicating liquor on breath: Nil <input type="checkbox"/> Slight <input type="checkbox"/> Strong <input type="checkbox"/>
SKIN	Sweating/hot and cold flushes <input type="checkbox"/>
EYES	Reddened or bloodshot <input type="checkbox"/>
SPEECH	Normal <input type="checkbox"/> Disjointed <input type="checkbox"/> Slurred <input type="checkbox"/> Confused <input type="checkbox"/> Fast <input type="checkbox"/> Slow <input type="checkbox"/>
BALANCE	Unsteady <input type="checkbox"/> Swaying <input type="checkbox"/> Slumping <input type="checkbox"/> Falling <input type="checkbox"/>
MOVEMENTS	Poor coordination/muscle control <input type="checkbox"/>
AWARENESS	Drowsiness or sleeping on the job or during work breaks <input type="checkbox"/> Inability to follow simple instructions <input type="checkbox"/>
OTHER PHYSICAL SIGNS	Nausea/vomiting <input type="checkbox"/> Jaw clenching <input type="checkbox"/>

**Questions**

<b>Questions</b>	<b>Response</b>
Can you give any reason for your appearance and behaviour as noted above:	
Could you be under the influence of drugs and / or alcohol?	
Have you consumed drugs and / or alcohol since the commencement of the shift?	



## Assessment Result

**Comments** (including mitigating factors noted or explained by the person, emotional factors identified (refer to Appendix 1 *Observable indicators of impairment*), further actions to be taken etc.):

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Signature of Person being assessed: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Signatures of Responsible Persons: 1. \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

2. \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

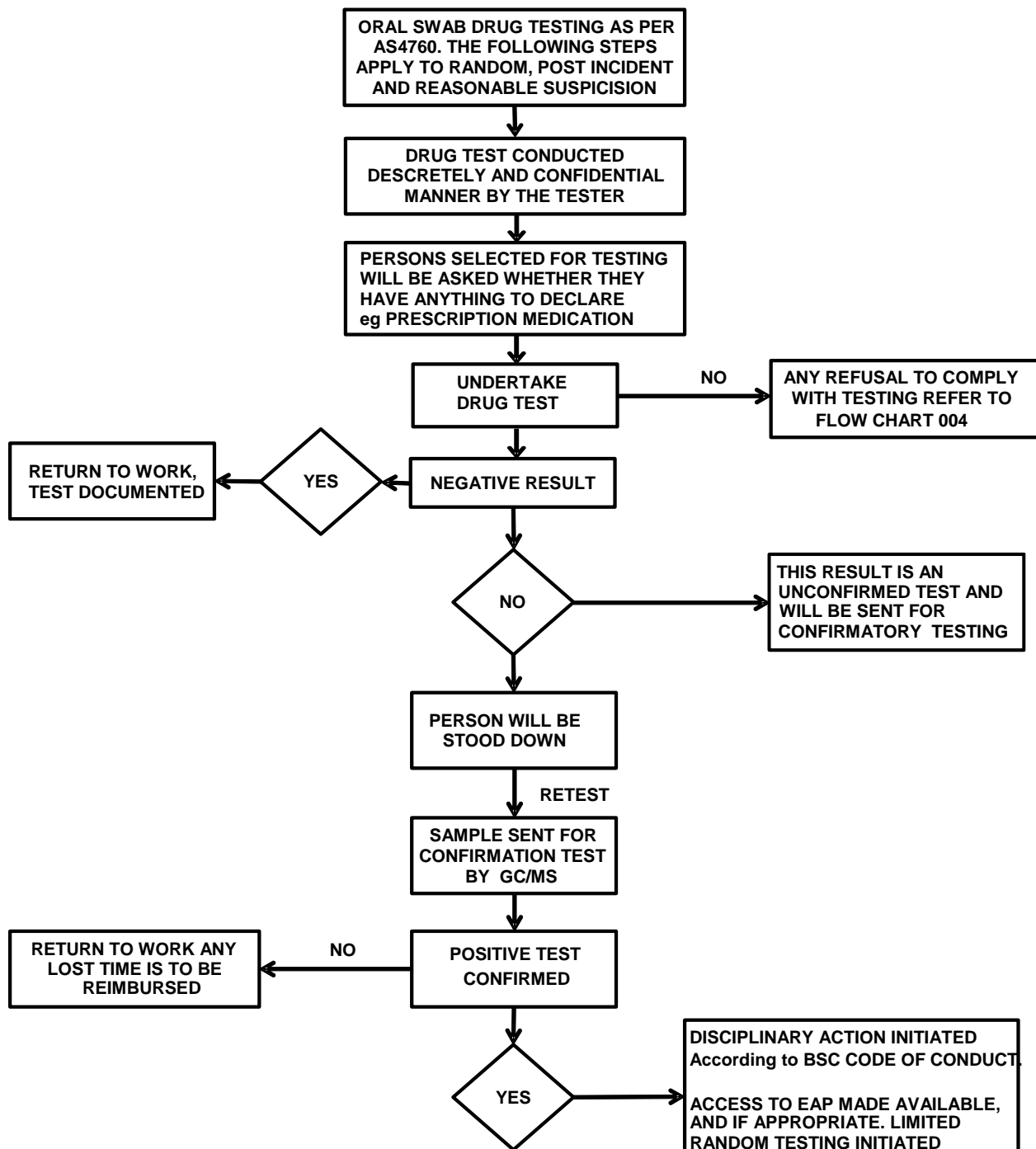
Signature of attending representative (if attended): \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_



## APPENDIX 2

### Alcohol and other Drugs Policy and Procedure – Flowcharts

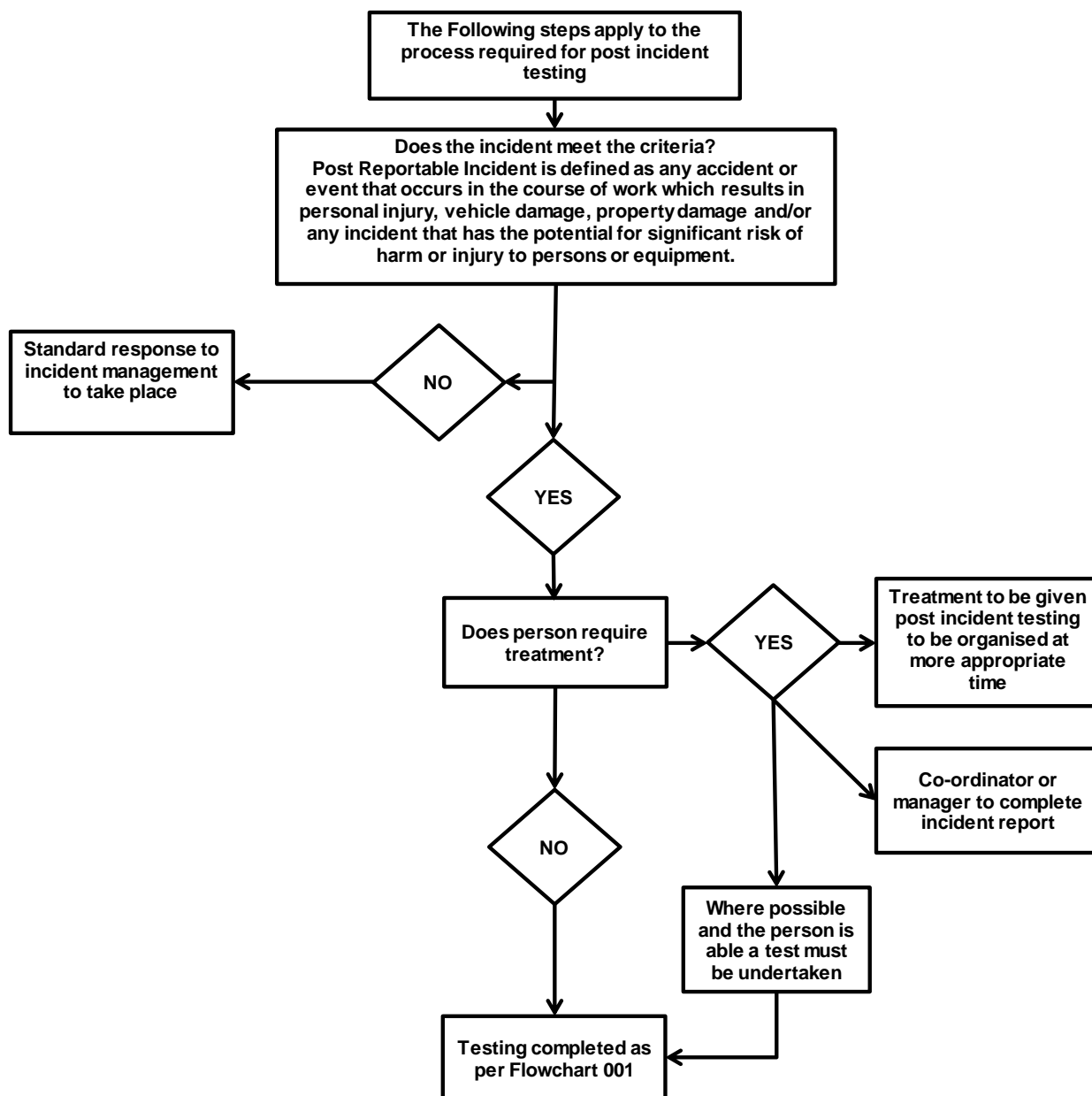
#### GENERAL DRUG TESTING FLOWCHART 001



***Confidentiality shall be maintained by all parties involved***



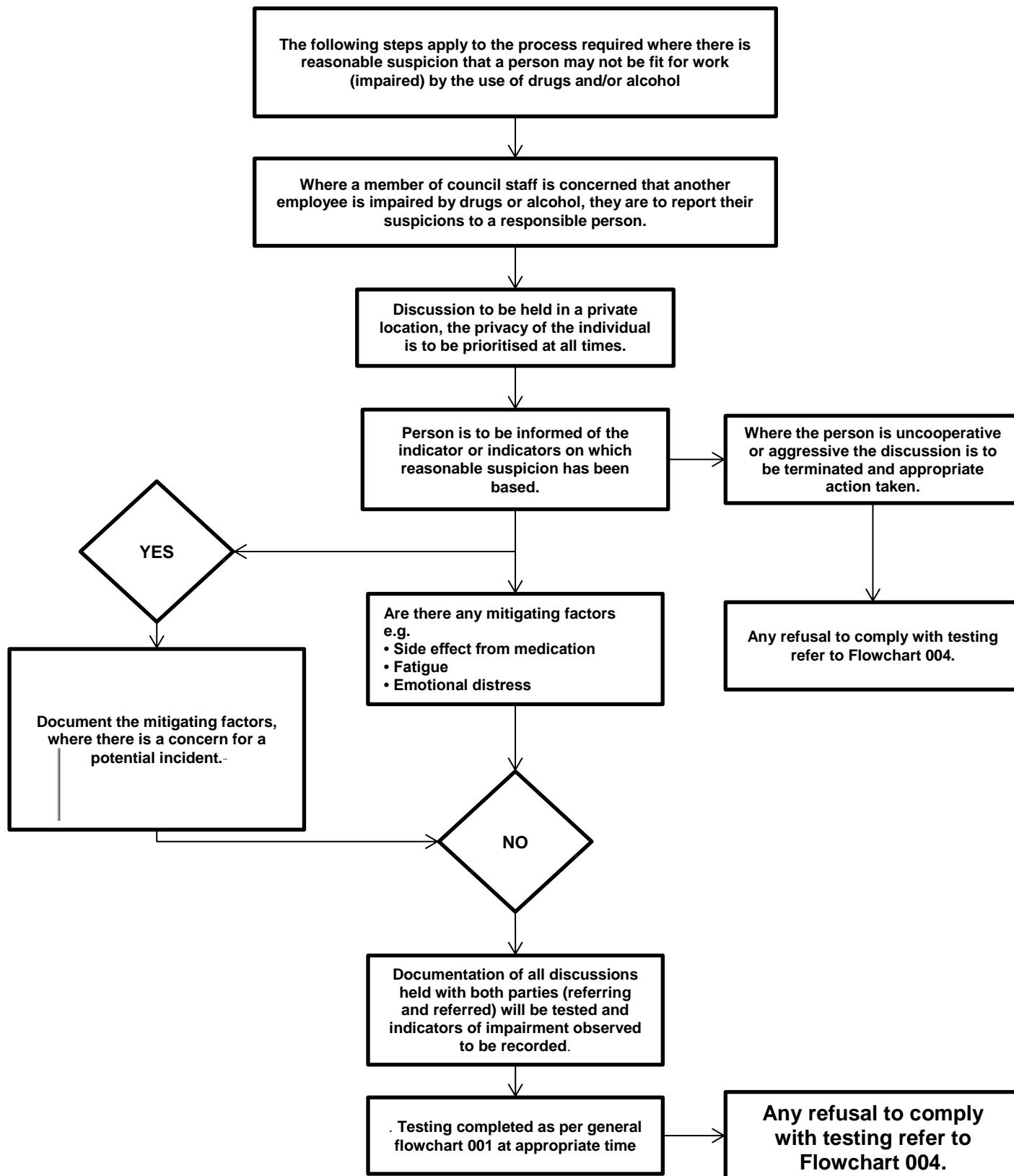
### **POST INCIDENT TESTING FLOWCHART 002**



***Confidentiality shall be maintained by all parties involved***



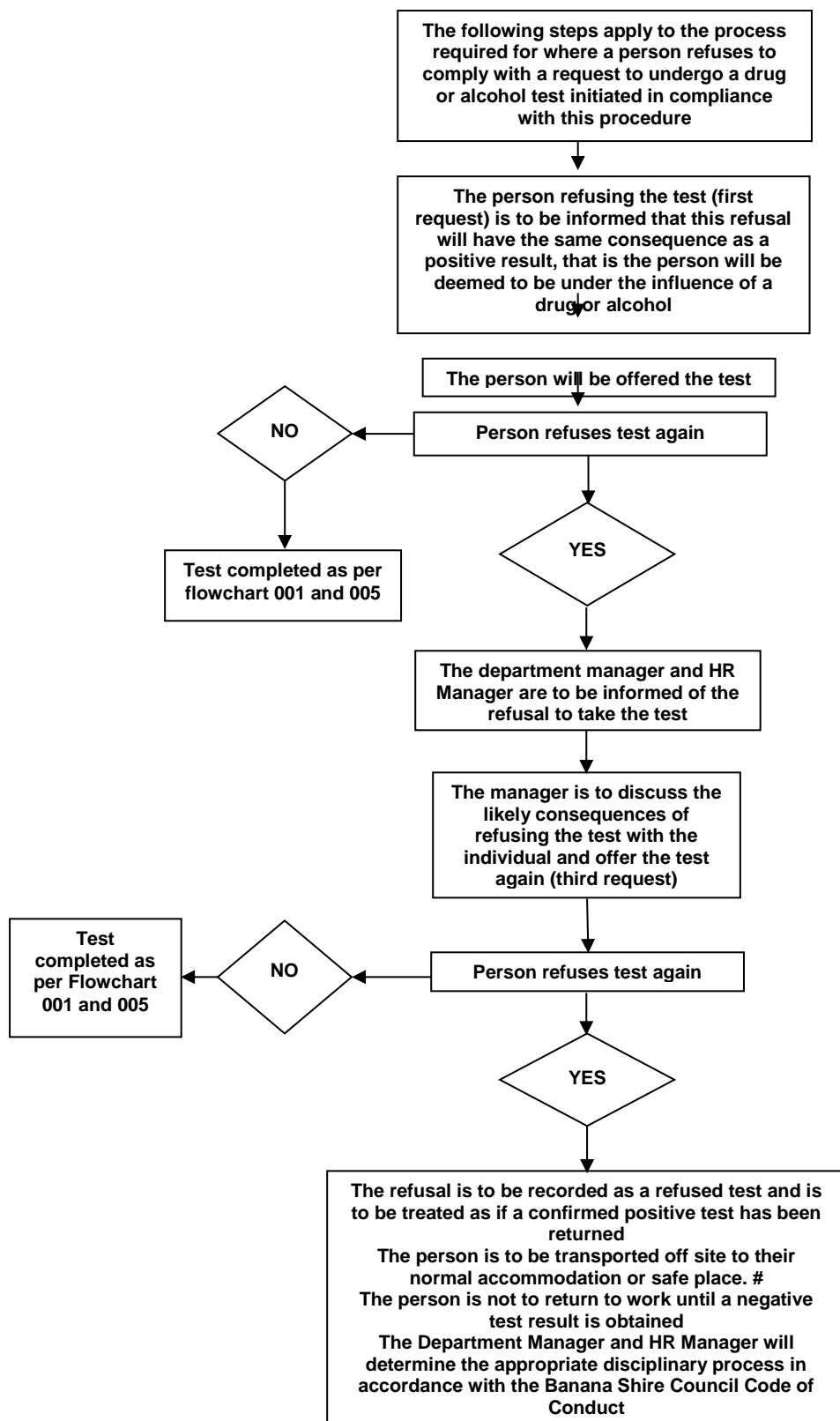
## REASONABLE SUSPICION FLOWCHART 003



***Confidentiality shall be maintained by all parties involved***



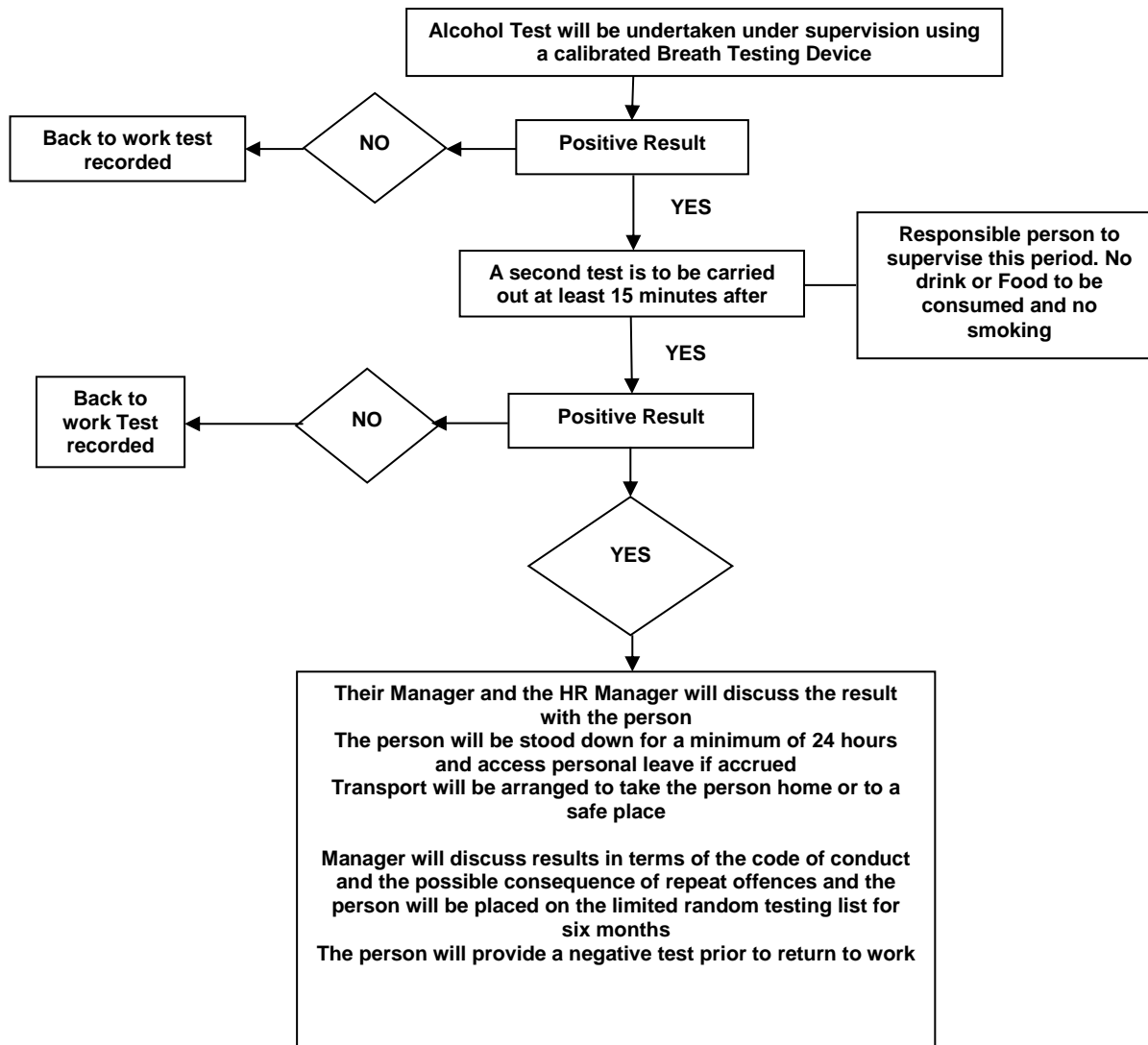
## REFUSAL TO UNDERGO A DRUG OR ALCOHOL TEST 004



***Confidentiality shall be maintained by all parties involved***



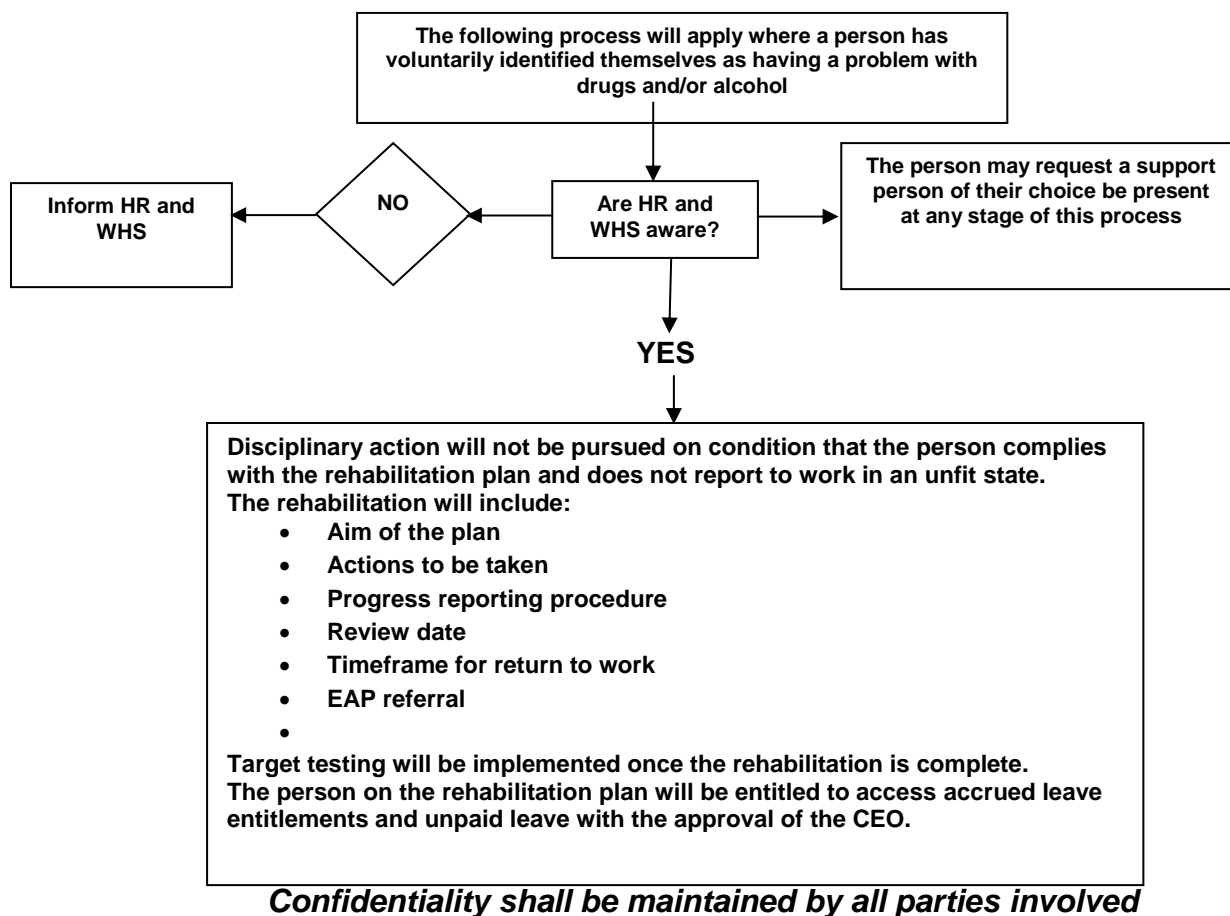
### ALCOHOL TESTING FLOWCHART 005



***Confidentiality shall be maintained by all parties involved***

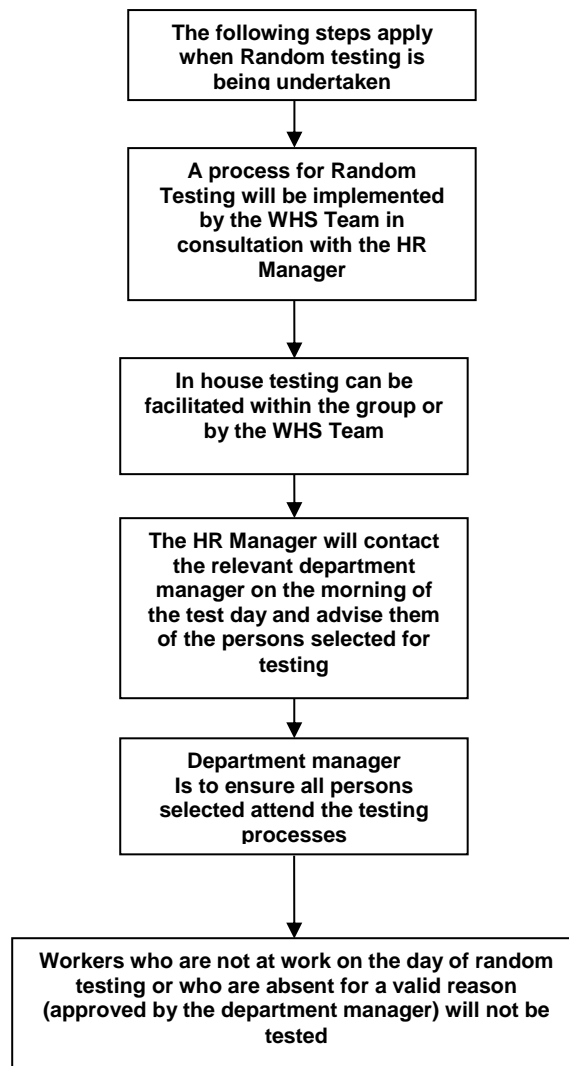


### VOLUNTARY SELF TESTING FLOWCHART 006





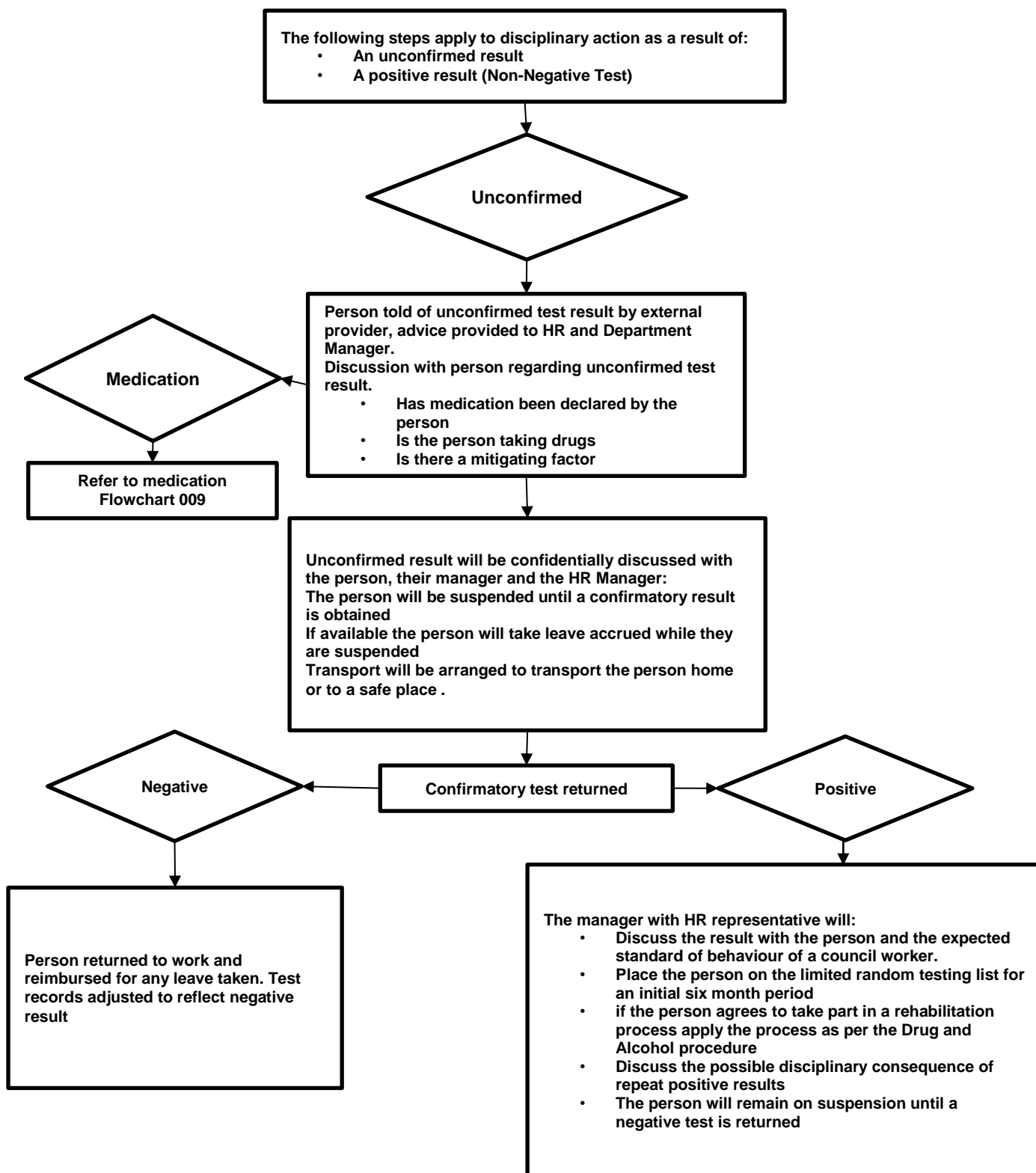
### Random Testing Flowchart 007



***Confidentiality shall be maintained by all parties involved***



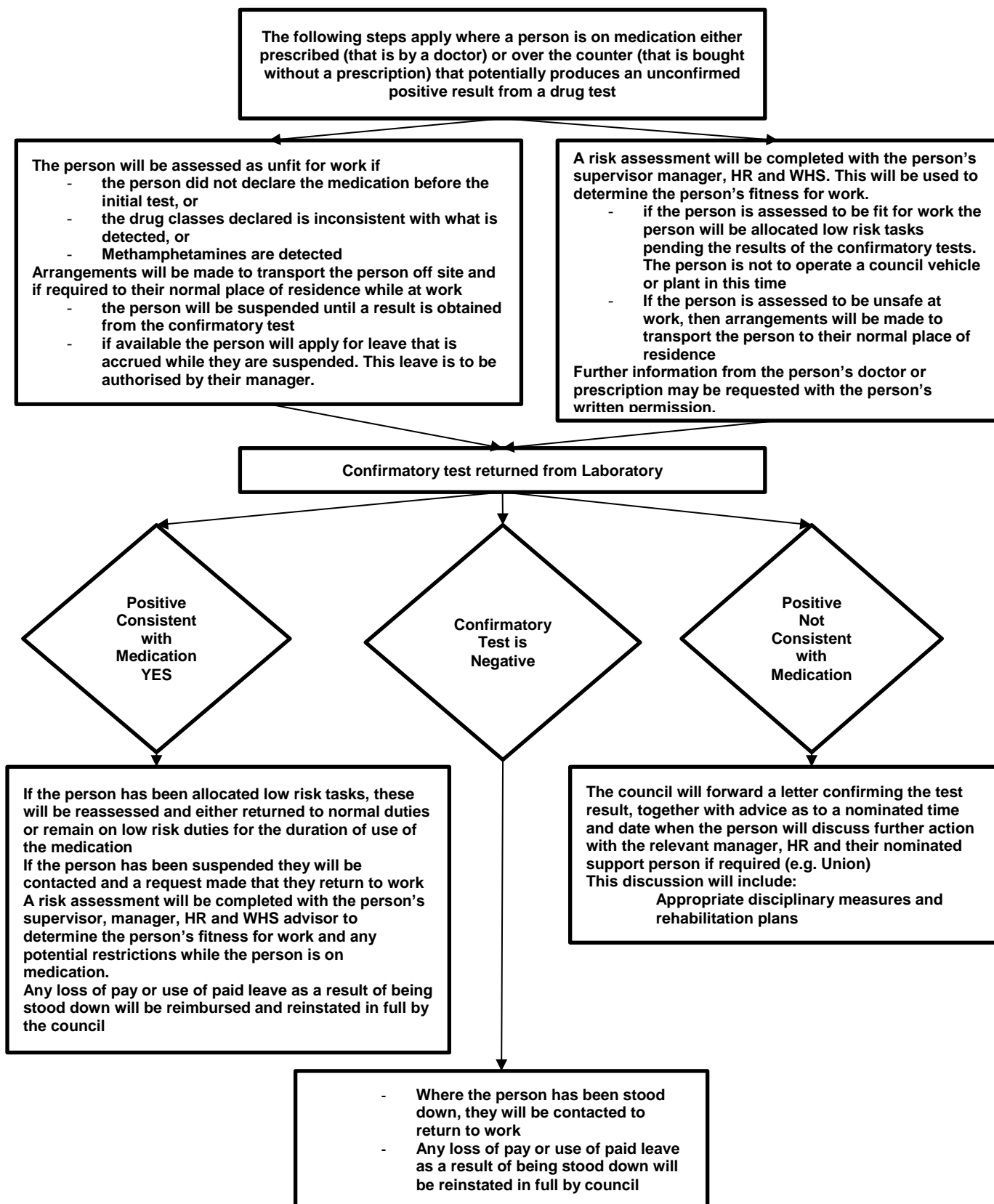
## NON-NEGATIVE TEST FLOWCHART 008



***Confidentiality shall be maintained by all parties involved***



## NON NEGATIVE CONSISTENT WITH MEDICATION FLOWCHART 009



***Confidentiality shall be maintained by all parties involved***



## APPENDIX 3

### Dear Doctor/Pharmacist Card

*This should be printed on the back of Council's normal business card template and distributed to all staff for them to carry with them so they can discuss drug effects with their Doctor or Pharmacist.*

Dear Doctor/Pharmacist,

The holder of this card may be subject to a drug screen as part of their employer's Fitness for Duty program. Can you please advise the holder if their medication(s) contain any of the following drug groups

- Amphetamine type substances
- Cannabis (THC)
- Cocaine
- Opiates
- Benzodiazepines
- MDMA (Ecstasy)
- MDMA (Ice)

And what if any, hazards exist while they are using this medication or restrictions that may be required.



## APPENDIX 4

### Drug & Alcohol Rehabilitation Plan - Confidential

The following Rehabilitation Plan has been developed for:

<b>Employee:</b>	<b>Phone:</b>
<b>Goal:</b> to present to work and during work to be in a fit state without impairment that would prevent them from being able to undertake their duties in a manner that is safe and to current legislation.	
<b>Current rehabilitation issues:</b> <i>can be what has been tested positive for, concerns or issues that they have with their addiction etc</i>	
<b>Steps that have been agreed:</b> <i>for example, to take time off for an initial review of their addiction, factors affecting their addiction, make appointments with EAP provider, seek further counselling/intervention from organisations that may provide more specific addiction counselling such as alcoholic anonymous, a time frame for these steps to be commenced, review and completion</i>	
<b>Agreed costs:</b> <i>what the council has agreed to fund, e.g fees for extra counselling above normal EAP sessions, type of leave to be accessed etc</i>	
<b>Persons involved:</b> <i>who are the personnel involved with this rehabilitation plan that will have access to information contained, who can authorise (with the person's permission) additional persons etc</i>	
<b>Comments:</b>	

The following parties have agreed to the above Rehabilitation Plan:

Employee: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Manager: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

HR Manager  
(or authorised HR representative): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Doctor (if applicable): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_/



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## 11.1.4 RECRUITMENT OF CHIEF EXECUTIVE OFFICER

**Date:** 20 June 2019  
**Author:** Ray Geraghty - Chief Executive Officer  
**File ID:**  
**Letter ID:**  
**Attachment:**  
**Minute No:** OM004415

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The CEO provided an update on the recruitment process of a new Chief Executive Officer, given his retirement early in 2020, with his last day in the office on 1 November 2019.

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### **Resolution:**

*That Council note and receive the information provided on the timelines and process for the recruitment of a new Chief Executive Officer, and the selection panel consist of the Mayor, Deputy Mayor, Cr Leo and consultant Peter Tragardh of Vision Management (Qld) Pty Ltd.*

**Moved: Cr Brennan**

**Seconded: Cr Snell**

**Carried**

---

### **Report**

An update will be provided at the meeting on the timelines and process for the recruitment of a new Chief Executive Officer.

### **Considerations**

- 1. Corporate Plan**  
Key Strategy 1.1(a), (j), (k).
  - 2. Policy and Legal Implications**  
As per Council's Recruitment and Selection Policy.
  - 3. Financial and Resource Implications**  
Engagement of consultant to assist with recruitment.
  - 4. Risk Assessment**  
Low to Medium.
-



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## **12.0 Close of Meeting**

The meeting closed at 11.40 am.

To be confirmed at 24 July 2019 Ordinary Meeting.

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**MAYOR**

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**CHIEF EXECUTIVE OFFICER**

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# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN FOR AERODROMES**





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Adopted by ..... Date ..... For review December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	January 2018	Asset Management Coordinator	26/4/18
2	January 2019	Asset Management Coordinator	
3			
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all aerodrome assets and services under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the community. Aerodrome assets are provided to facilitate services to the community.

### 1.2 SUMMARY

Council provides Aerodromes to enable the delivery of the required level of service to existing and future customers in the most cost effective way. This plan is intended to demonstrate how council will achieve this outcome by applying the principles of responsible asset management.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland.

Council plans to operate and maintain its aerodrome assets to achieve the following strategic objectives.

- Ensure that aerodromes are maintained at a safe and functional standard
- Ensure that aerodromes deliver the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of aerodrome assets is achieved through best appropriate practices.

### 1.3 INPUTS TO LONG TERM FINANCIAL PLAN

Council has acquired aerodrome assets by contract, construction by council staff and by donation of assets constructed by developers and others to meet increased levels of service. This asset management plan covers the following infrastructure assets.

Asset covered in this plan include

Asset Category	Asset Type	Replacement Value	WDV @ 30/6/18
Building Infrastructure	Fencing	1,759,408	1,224,441
	Lighting	513,600	233,729
	Miscellaneous	349,560	156,599
	<b>Totals</b>	<b>2,622,568</b>	<b>1,614,769</b>
Runways		10,755,579	8,706,587
<b>TOTAL</b>		<b>13,378,147</b>	<b>10,321,356</b>

There are two key indicators of cost to provide the services provided by the aerodrome assets identified in this plan. The maintenance and operational costs and renewal costs. Councils 2017-18 total maintenance and operational budgets are:

Operational	\$632,000
Maintenance	\$ 0

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.



	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
<b>Operational</b>	632,000	632,000	632,000	632,000	632,000	632,000	632,000	632,000	632,000	632,000
<b>Maintenance</b>										
<b>Renewals</b>	0	75000	75000	75000	75000	75000	75000	0	75000	275000
<b>Upgrades</b>	250500	255000	50000	0	0	0	0	160000	320000	0
<b>New Assets</b>	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>882,500</b>	<b>962,000</b>	<b>757,000</b>	<b>707,000</b>	<b>707,000</b>	<b>707,000</b>	<b>707,000</b>	<b>792,000</b>	<b>1,027,000</b>	<b>907,000</b>

## 2. INTRODUCTION

### 2.1 BACKGROUND

#### Our Vision

#### “Shire of Opportunity”

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Aerodrome Asset & Services Management Plan is the link between the Council's corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### 2.2 CORPORATE AND STRATEGIC DIRECTIONS

Council exists to provide services to its community. Some of these services are provided by aerodrome infrastructure assets. Council's goal in managing aerodrome assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of aerodrome infrastructure asset management are:

- taking a life cycle approach
- developing cost-effective management strategies for the long term
- providing a defined level of service and monitoring performance
- understanding and meeting the demands of growth through demand management and infrastructure investment
- managing risks associated with asset failures
- sustainable use of assets

### 2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS

Council provides a network of Aerodromes in partnership with Corporate Air, the Civil Aviation Safety Authority (CASA), the Royal Flying Doctor Service and Air Services Australia to provide aviation facilities within the shire enabling access for emergency services and facilitate the general aviation needs of the community at:

- Thangool Aerodrome
- Moura Aerodrome
- Theodore Aerodrome
- Taroom Aerodromes
- Baralaba Aerodrome



Please note that all Buildings within these facilities are not included in this plan as they are accounted for in the Buildings Asset Management Plan.

Council's Aerodrome infrastructure include assets from the following asset categories in Council's Asset Management System.

#### AERODROMES

Town	Asset Category	Asset Type	Replacement Value	WDV @ 30/6/18
Baralaba	Building Infrastructure	Fencing	318,750	189,778
	Building Infrastructure	Lighting	83,600	24,404
	Building Infrastructure	Miscellaneous		
	Runways	Runway	1,071,249	906,367
		<b>Totals</b>	<b>1,473,599</b>	<b>1,120,549</b>
Moura	Building Infrastructure	Fencing	330,000	196,476
	Building Infrastructure	Lighting	82,000	32,137
	Runways	Runway	1,907,271	1,541,069
		<b>Totals</b>	<b>2,319,271</b>	<b>1,769,682</b>
Taroom	Building Infrastructure	Fencing	446,908	398,753
	Building Infrastructure	Lighting	108,000	63,927
	Building Infrastructure	Miscellaneous		
	Runways	Runway	2,411,364	1,706,828
		<b>Totals</b>	<b>2,966,272</b>	<b>2,169,508</b>
Thangool	Building Infrastructure	Fencing	348,750	188,889
	Building Infrastructure	Lighting	180,000	101,745
	Building Infrastructure	Miscellaneous	349,560	156,599
	Runways	Runway	4,153,364	3,501,933
	Building Infrastructure	<b>Totals</b>	<b>5,031,674</b>	<b>3,949,167</b>
Theodore	Building Infrastructure	Fencing	315,000	250,545
	Building Infrastructure	Lighting	60,000	11,515
	Runways	Runway	1,212,331	1,050,390
		<b>Totals</b>	<b>1,587,331</b>	<b>1,312,450</b>
<b>TOTAL</b>			<b>13,378,147</b>	<b>10,321,356</b>

### 3. LEVELS OF SERVICE

#### 3.1 LEVELS OF SERVICE FRAMEWORK

The Level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services.

#### 3.2 CURRENT LEVEL OF SERVICE

Community Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness.

Community levels of service are:

Quality	How good is the service?
Function	Does it meet users' needs?
Capacity/Utilisation	Is the service over or under used?

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

Service Criteria	Technical measures may relate to
Quality	Smoothness of runways
Quantity	Number of Aerodromes
Availability	Distance from a dwelling to an aerodrome
Safety	No defects to create dangerous situations



Key performance measure	Level of service	Performance Measure Process	Performance Target
	<b>COMMUNITY LEVELS OF SERVICE</b>		
QUALITY	Clean facilities Aerodrome assets will be maintained in accordance with Aviation Safety Standards. Defects found or reported that are outside our service standard will be repaired. Defect prioritisation and response time will be in accordance with Council's maintenance response service levels	Number of reported complaints	No complaints
QUANTITY	Adequate facilities <ul style="list-style-type: none"> <li>No. of Aerodromes</li> <li>No. of runways</li> <li>Sufficient facilities (e.g. Toilets)</li> </ul>	Number of reported complaints	No complaints
AVAILABILITY	Distance to aerodromes	Number of reported complaints	No complaints
SAFETY	Safe environment Aerodrome asset components will be maintained at a safe level and associated signage and equipment will be provided as needed to ensure public safety. Key functional objectives to be met are: <ul style="list-style-type: none"> <li>Aircraft and passenger safety through the management of aerodrome defects and security issues.</li> <li>Legislative and regulatory compliance through regular auditing of aerodromes and facilities.</li> </ul>	Number of reported incidents/accidents Number of security breaches	No Incidents/Accidents caused by aerodrome facilities or processes No security breaches
	<b>TECHNICAL LEVELS OF SERVICE</b>		
SAFETY	Provide smooth runway surfaces free from hazards.  Provide a safe environment  Critical infrastructure is inspected daily in accordance with Civil Aviation Legislation. All other assets attract scheduled maintenance inspections to ensure regulation safety compliance.	Number of complaints from service operators  Number of complaints from service operators	1 complaint per year  1 audit issue per year
CONDITION	The Aerodrome Infrastructure is maintained in fair-good condition.	Inspect all aerodrome assets regularly and prioritise and repair defects to ensure they are safe.	No complaints
FUNCTION	Appropriate Aerodromes are maintained in partnership with other levels of government and stakeholders to provide aviation facilities within the Shire enabling access for emergency services and facilitate the general aviation needs of the community  Consequence of not providing the defined services is limited access and increased risks.  Night access	Number of reported complaints  Number of callouts to provide emergency lighting	No complaints  No callouts
SUSTAINABILITY	Aerodrome Infrastructure assets are managed with respect to future generations.	Sustainability principals are incorporated into the design of all new and upgraded runways	



### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. This will be developed in future revisions of this asset management plan.

In terms of available infrastructure, the levels of service provided at the aerodromes are historic, and are not based on any current survey or other research into the needs of the users.

The maintenance programs carried out by Council to support these service levels are designed to ensure compliance with regulatory standards for registered aerodromes.

Thangool and Taroom Aerodromes are the only registered certified aerodrome in the Shire. The certification of the Taroom Aerodrome was undertaken in June/July 2012 to meet with the demands for FIFO operations driven by the resource companies.

A benchmarking exercise across other regional and rural aerodromes in Queensland suggests that, if anything, Thangool Aerodrome is adequately serviced in that it provides two runways, one sealed and one unsealed runway, for aerodrome users. The grass runway is seldom used.

A recent change to legislation is forcing Council to review its strategy for security, including passenger and check bag screening.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively promoted by letter box drops, council and community newsletters and brochures, council's web page and newspapers circulating in the shire.

From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.

## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during construction of pathways and walking routes.
Climate change	There is continuing discussion about changing climatic conditions, increased rainfall, fluctuations in wet/dry season and periods. Continued variation in weather patterns and extremes is forecast to occur. This is likely to impact on the condition of assets, place pressure on asset lifecycle costs and potentially reduce asset life, e.g. increased moisture in ground and road pavements. There is also potential for more frequent asset failure.		Council continues to monitor conditions and apply for NDRRA funding following severe weather events.



## 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets, and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures. Examples of non-asset solutions include providing services from existing infrastructure such as aquatic centres and libraries that may be in another community area, or public toilets provided in commercial premises.

Service Activity	Demand Management Plan
Airline Service Scheduling/Passenger numbers	In response to direction from Corporate Air
Fly in/Fly out (FIFO) on ground facilities and support	In response to mining and industry activity expanding in the Baralaba and Taroom areas
Aerodrome Security	Security is not currently installed. Changes in legislation may require security systems to be installed. New legislation requires screening of passengers & baggage to be in place by mid 2014
Thangool Aerodrome upgrade to cater for Q400 or similar aircraft	In response to mining and industry activity expanding in the Baralaba area and the shire generally
Taroom Aerodrome upgrade to a certified aerodrome	In response to mining and industry activity commencing in the Wandoan and Taroom Area
Taroom Aerodrome upgrade to cater for Q400 or similar aircraft	In response to mining and industry activity expanding in the Taroom area and the shire generally
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)

Technology changes are forecast to affect the delivery of services in the areas outlined below

Technology change	Effect of service delivery
Aircraft Engine Technology	Due to the proximity of our aerodromes to surrounding infrastructure, they are not suitable to service large jet-engine aircraft.
Aircraft Mass/Payload	Due to the current pavement standard: Thangool Aerodrome has a Aircraft Mass limit of 20,000kg (under review) Moura Aerodrome is not rated Taroom Aerodrome is not rated (under review) Taroom Aerodrome (near town) is not rated Theodore Aerodrome is not rated Baralaba Aerodrome is not rated
Visitor Identification/Airside Security Systems	Due to changes in security requirement as of November 2011 airside access & activity by visitors must be monitored and auditable.
Passenger & Check Bag Security	Thangool and Taroom Aerodromes do not have any form of passenger or check bag screening. This is currently under review
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Construction methods and materials	Technology changes are forecast to affect the delivery of services including plant, equipment and product improvements to allow for more cost and time efficient construction.



## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.

RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, huge \$ cost
Almost Certain Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
Likely Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
Possible Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
Unlikely Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
Rare May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:

Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above

### 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Damage to aircraft and injury to passenger from accident caused by surface failures – soft spots, sinkholes, etc.	Possible	Major	18	Daily inspection of the runway & apron surface Notify supervisor immediately upon discovery Repair immediately (if possible) Program reactive maintenance (where required) and monitor daily
Damage to aircraft and injury to passenger from accident caused by poor line marking	Possible	Major	18	Daily inspection of the runway line marking Notify supervisor within seven days Planned maintenance program for refreshing lines
Damage to aircraft and injury to passenger from animals or birds	Possible	Major	18	Daily inspection of the runway for animals/birds Remove animals/birds immediately upon discovery Periodic inspection of fencing, repair immediately upon discovery



Aircraft unable to land due to smoke hazard caused by grass fire	Possible	Major	18	Daily inspection of the runway surrounds Mow grass within seven days
Reduced visibility of Gable Markers & cones due to poor maintenance	Possible	Minor	8	Notify supervisor within seven days Repair/repaint cable markers/cones
Reduced visibility of Gable Markers & cones due to long grass	Possible	Minor	8	Notify supervisor within seven days Mow/whipper snip around gable markers/cones
Inoperative or damaged light fittings	Possible	Major	18	Notify supervisor within seven days Repair lights
Windsock damaged or failure to operate	Possible	Major	18	Daily inspection of the windsock AWIS installed as backup
Damage to aircraft due to damage to aircraft tie downs	Possible	Minor	8	Notify supervisor within seven days Mow/whipper snip around tie-down area
Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Inappropriate asset and service management	Possible	Major	18	Provide appropriate skills and training

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of most assets covered by this plan will depend on a range of environmental factors. The useful lives given below were determined in the 2018 revaluation.

Asset Category	Asset Type	Useful Lives	Current Year Depreciation (\$)
Building Infrastructure	Fencing	35 years	78,384
	Lighting	20 years	14,628
	Miscellaneous	20-60 years	19,289
Runways	Formation		0
	Pavement Sub base	180,225 years	95,426
	Pavement Base	25,60,75 years	11,410
	Surface	20,25 years	69,393
<b>TOTAL</b>			<b>288,528</b>

### 6.2 CURRENT CONDITION OF ASSETS

Asset condition is monitored by investigative work, visual inspection, and asset failure.

Aerodrome Condition Scoring System – Banana Shire Council currently uses the following 5 point condition scoring system when assessing water assets.

#### Condition Rating Criteria

- 1 As new condition, no visible signs of wear and tear or defect
- 2 In good condition with some obvious signs of wear and tear but no evidence of deterioration
- 3 In fair condition, minor evidence of deterioration of the element which could



- potentially shorten life
- 4        In poor condition with evidence of minor isolated failure in an element which will reduce future life, maintenance costs high
- 5        Total failure of the element, extreme risk in leaving asset in service

Typically aerodrome assets with condition scores of 4 or higher will be considered for inclusion in a renewal program.

**Total replacement value of assets in the following conditions (\$)**

Asset Category	Type/Component	CONDITION RATING				
		1	2	3	4	
Building Infrastructure	Fencing	761,908	903,750	93,750.00		
	Lighting		264,000	106,000	143,600.00	
	Miscellaneous		94,800	254,760		
	<b>Totals</b>	<b>761,908</b>	<b>1,262,550</b>	<b>454,510</b>	<b>143,600</b>	<b>0</b>
Runways	Pavement Base	4,368,079	1,386,326	41,431		
	Pavement Sub Base	1,815,023	457,607			
	Surface	1,044,151	481,505			
	<b>Totals</b>	<b>7,227,253</b>	<b>2,325,439</b>	<b>41,431</b>	<b>0</b>	<b>0</b>
<b>TOTAL</b>		<b>7,989,161</b>	<b>3,587,989</b>	<b>495,941</b>	<b>143,600</b>	<b>0</b>

## 6.3 MAINTENANCE & OPERATIONS PROGRAMS

### 6.3.1 Service Summary

Councils aerodrome assets must be properly maintained so that they continue to support the delivery of a wide range of council services which fulfil the social, economic and environmental needs of the community

For the purpose of this Plan, maintenance is defined as work on existing infrastructure undertaken with the intention of:

- Preventing further deterioration
- Restoring correct operation within specified parameters
- Making temporary repairs for immediate health, safety and security reasons
- Assessing assets for maintenance requirements

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function and value to the community
- All statutory and technical requirements to ensure health, safety, security and reliability are met

### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from council's maintenance budget

Planned maintenance consists of preventative, statutory, and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of the asset is below acceptable standards.

Unplanned (often referred to as reactive) maintenance occurs when failure of an asset or component requires immediate attention. It is usually limited to rectification for function, health, safety or security reasons. Assessment and prioritisation of reactive maintenance is undertaken by council staff using experience and judgement

The inspection regime for the aerodromes is specified in CASR 139. Council staff, trained in the specific requirements, and undertake serviceability inspections. Technical inspections and Obstacle Surveys are undertaken by suitably qualified consultants



### 6.3.3 Operation and Maintenance Program Costs

The following information has been compiled from the general ledger in councils financial system

#### AERODROMES OPERATIONAL COSTS

Aerodrome	Job Number	2013-14	2014-15	2015-16	2016-17	2017-18
Aerodrome - Baralaba Op Exp	5580.2380.0002	16,674	17,375	16,076	16,623	13,523
Aerodrome - Moura Op Exp	5580.2380.0009	54,630	52,180	46,077	33,783	52,884
Aerodrome - Taroom Op Exp	5580.2380.0010	157,140	141,540	152,957	203,032	255,632
Aerodrome - Thangool Op Exp	5580.2380.0011	213,636	237,791	162,916	232,853	188,784
Aerodrome - Theodore Op Exp	5580.2380.0012	58,101	36,209	33,490	68,379	37,340
Taroom Airstrip - Near Town Op Exp	5580.2380.0020	206	964	393	9,294	5,957
<b>5580-2380 TOTALS</b>		<b>500,387</b>	<b>486,059</b>	<b>411,908</b>	<b>563,964</b>	<b>554,120</b>
Aerodrome General Op Exp	5580.2381.0000	396	5,349	7,644	4,453	9,634
<b>TOTALS</b>		<b>500,783</b>	<b>491,408</b>	<b>419,552</b>	<b>568,417</b>	<b>563,754</b>

#### AERODROME MAINTENANCE COSTS

Aerodrome	Job Number	2013-14	2014-15	2015-16	2016-17	2017-18
Aerodrome - Baralaba Op Exp	5580.2380.0002	0	2,443	1,118	1,973	5,859
Aerodrome - Moura Op Exp	5580.2380.0009	0	7,937	3,364	5,391	12,249
Aerodrome - Taroom Op Exp	5580.2380.0010	0	13,390	143,289	7,841	375
Aerodrome - Thangool Op Exp	5580.2380.0011	0	115,838	100,962	52,633	109,228
Aerodrome - Theodore Op Exp	5580.2380.0012	0	11,368	2,955	4,653	13,849
Taroom Airstrip - Near Town Op Exp	5580.2380.0020	0				
<b>5580-2380 TOTALS</b>		<b>0</b>	<b>150,976</b>	<b>251,688</b>	<b>72,491</b>	<b>141,560</b>
Aerodrome General Op Exp	5580.2381.0000	0				
<b>TOTALS</b>		<b>0</b>	<b>150,976</b>	<b>251,688</b>	<b>72,491</b>	<b>141,560</b>

Future revisions of this Plan are expected to more accurately report the proportion of maintenance and operational expenditure and measure its impact on asset condition.

### 6.4 ASSET RENEWAL PROGRAM

Renewal expenditure is major work which does not increase the asset's design capacity but generally restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Asset renewal and replacement is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements

It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.

The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

Age  
 Material  
 Safety  
 Failure frequency

Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in for council's 10 Year Capital Works Program.



Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

Renewal work is carried out in accordance with the following Standards and Specifications.

- Civil Aviation Safety Authority Manual of Standards S.139 – Aerodromes
- Air Services Australia Maintenance Service Agreement
- Civil Aviation Safety Regulations Part 139
- Australian Transport Safety Bureau Hazard Management Guidelines
- Capricorn Municipal Development Guidelines
- Building Code of Australia

Aerodrome Infrastructure Renewal Expenditure - The table below shows the amounts set aside for aerodrome infrastructure renewal in Council's 10 Year Forecast. Please refer to Appendix A for the detailed renewal programme.

#### Planned Renewal Expenditure (\$)

Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Fencing		25,000	25,000	25,000	25,000	25,000	25,000		25,000	25,000
Lighting		25,000	25,000	25,000	25,000	25,000	25,000		25,000	25,000
Miscellaneous		25,000	25,000	25,000	25,000	25,000	25,000		25,000	25,000
Runways										200,000
<b>TOTAL RENEWAL</b>	<b>-</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>0</b>	<b>75,000</b>	<b>275,000</b>

## 6.5 ASSET ACQUISITION

### 6.5.1 New, Additional or Upgrade Asset Program / Costs

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.

New assets and upgrade/expansion of existing assets are identified from various sources, such as Councilor or community requests, proposals identified by strategic plans or partnerships with other organisations.

Candidate proposals are inspected to verify need and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in future works programs.

### Capital Investment Strategies

Council will plan capital upgrade and new projects to meet level of service objectives by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner
- Undertake project scoping for all capital upgrade/new projects to identify:
  - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
  - the project objectives to rectify the deficiency, including value management for major projects
  - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
  - management of risks associated with alternative options
  - and evaluate the options against evaluation criteria adopted by Council, and select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure the organisation is obtaining best value for resources used.



Aerodrome Infrastructure Construction & Acquisition - The table below shows the amounts required for aerodrome infrastructure renewals, upgrades and the construction of new aerodrome infrastructure in Council's Ten Year Financial Forecast.

**10 Year Renewal/ Upgrade/ New Assets Plan (\$)**

Asset Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Fencing Renewal		25,000	25,000	25,000	25,000	25,000	25,000		25,000	25,000
Fencing Upgrade										
Fencing New										
Lighting Renewal		25,000	25,000	25,000	25,000	25,000	25,000		25,000	25,000
Lighting Upgrade	25,000									
Lighting New										
Miscellaneous Renewal		25,000	25,000	25,000	25,000	25,000	25,000		25,000	25,000
Miscellaneous Upgrade	25,500	255,000	20,000					160,000		
Miscellaneous New										
Runways Renewal										200,000
Runways Upgrade	200,000		30,000						320,000	
Runways New										
<b>TOTALS</b>	<b>250,500</b>	<b>330,000</b>	<b>125,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>75,000</b>	<b>160,000</b>	<b>395,000</b>	<b>275,000</b>

## 6.6 ASSET DISPOSAL

A quality portfolio of assets should efficiently, effectively and economically sustains delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of road infrastructure assets must be based on sound evaluations that fully reflect council's service delivery goals. At this point in time no disposals are planned.

## 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be recognised as a key driver during the design process. Evidence suggests that good design/ construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

### 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Aerodrome Valuation figures below were extracted from the Assetic Reconciliation Report as at 30<sup>th</sup> June 2018.



Asset Category	Asset Type	Replacement Value	WDV @ 30/6/18
Building Infrastructure	Fencing	1,759,408	1,224,441
	Lighting	513,600	233,729
	Miscellaneous	349,560	156,599
	<b>Totals</b>	<b>2,622,568</b>	<b>1,614,769</b>
Runways		10,755,579	8,706,587
<b>TOTAL</b>		<b>13,378,147</b>	<b>10,321,356</b>

## 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2019-20
<b>Operational</b>	632,000	632,000	632,000	632,000	632,000	632,000	632,000	632,000	632,000	632,000
<b>Maintenance</b>										
<b>Renewals</b>	0	75000	75000	75000	75000	75000	75000	0	75000	0
<b>Upgrades</b>	250500	255000	50000	0	0	0	0	160000	320000	250500
<b>New Assets</b>	0	0	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>882,500</b>	<b>962,000</b>	<b>757,000</b>	<b>707,000</b>	<b>707,000</b>	<b>707,000</b>	<b>707,000</b>	<b>792,000</b>	<b>1,027,000</b>	<b>882,500</b>

## 7.3 FUNDING STRATEGY

Renewals and upgrades are to be funded from council's Capital Works Program and grants where available.

Achieving the financial strategy will require a commitment from Council to provide adequate funds gained from:

- State and Federal Government Grants
- Aerodrome head tax and landing fees
- Leases
- Car rental company parking fees
- Contributions from third parties (e.g. Mining The Resource Industry)
- Borrowings
- General Revenue

## 8. ASSET MANAGEMENT PRACTICES

### 8.1 ACCOUNTING FINANCIAL SYSTEM

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for Asset Depreciation.

### 8.2 ASSET MANAGEMENT SYSTEM(S)

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (Map Info) and have the same asset ID number as Assetic. A hot link is being developed to link Assetic & Map Info. All asset financial and inventory data is recorded in Assetic.

### 8.3 PERFORMANCE MEASURES

#### 8.3.1 Service Standards

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into council's long term financial plan.



- Informed decisions on expenditure allocations with regard to levels of service.

#### 8.4 IMPROVEMENT PROGRAM

Actions	Responsible Officer	Date Required	Priority
Refine aerodrome assets data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives	Aerodrome and Fleet Operations Officer, Manager Fleet, Asset Management Coordinator, Manager Financial Services	30/03/18 COMPLETED	
Link assets in Assetic to GIS Assets are linked to Facilities and all Facilities have been mapped	GIS Officer	30/03/18 COMPLETED	
Refine aerodrome operational and maintenance costs	Manager Financial Services	30/03/18 COMPLETED	
Review this report and action plan	Asset Management Coordinator	30/12/19	2

##### 8.4.1 Monitoring and Review Process & Procedures

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.



## 9. APPENDICES

### APPENDIX A

#### ASSET REPLACEMENT PLAN

Year 2019/2020	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2019/2020	Airfield Linemarking (YBAB, YTNG, YMOU)			50,000		
2019/2020	Moura Aerodrome - Runway, Taxiway & Apron Resurfacing Planning			50,000		
2019/2020	Moura Aerodrome - Generator for Runway Lights			20,000		
2019/2020	Taroom Aerodrome - Terminal Replacement				-	130,407
2019/2020	Taroom Aerodrome - Runway Resheeting			100,000		
2019/2020	Taroom Aerodrome - Safety Sensor Light			5,000		
2019/2020	Theodore Aerodrome - Water Tanks for Emergency Use			20,000		
2019/2020	Theodore Aerodrome - Shade Structure			500		
2019/2020	Theodore Aerodrome - Security Camera			5,000		
<b>Total 2019/20</b>		-	-	<b>250,500</b>	-	<b>130,407</b>
Year 2020/2021	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2020/2021	Thangool Aerodrome - Office, Lunchroom & Meeting Room			40,000		
2020/2021	Thangool Aerodrome - ARO Office Renovation			15,000		
2020/2021	Lighting Renewals - various sites	25,000				
2020/2021	Fencing Renewals - various sites	25,000				
2020/2021	Markers, security camera renewals - various sites	25,000				
2020/2021	Taroom Aerodrome - Electrical Repairs			200,000		
<b>Total 2020/21</b>		<b>75,000</b>	-	<b>255,000</b>	-	-
Year 2021/2022	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2021/2022	Theodore Aerodrome - Linemarking			30,000		
2021/2022	Lighting Renewals - various sites	25,000				
2021/2022	Fencing Renewals - various sites	25,000				
2021/2022	Markers, security camera renewals - various sites	25,000				
2021/2022	Moura Aerodrome - Security Cameras			20,000		
<b>Total 2021/22</b>		<b>75,000</b>	-	<b>50,000</b>	-	-
Year 2022/2023	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2022/2023	Lighting Renewals - various sites	25,000				
2022/2023	Fencing Renewals - various sites	25,000				
2022/2023	Markers, security camera renewals - various sites	25,000				
<b>Total 2022/23</b>		<b>75,000</b>	-	-	-	-
Year 2023/2024	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2023/2024	Lighting Renewals - various sites	25,000				
2023/2024	Fencing Renewals - various sites	25,000				
2023/2024	Markers, security camera renewals - various sites	25,000				
<b>Total 2023/2024</b>		<b>75,000</b>	-	-	-	-
Year 2024/2025	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2024/2025	Lighting Renewals - various sites	25,000				
2024/2025	Fencing Renewals - various sites	25,000				
2024/2025	Markers, security camera renewals - various sites	25,000				
<b>Total 2024/25</b>		<b>75,000</b>	-	-	-	-
Year 2025/2026	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2025/2026	Lighting Renewals - various sites	25,000				
2025/2026	Fencing Renewals - various sites	25,000				
2025/2026	Markers, security camera renewals - various sites	25,000				
<b>Total 2025/26</b>		<b>75,000</b>	-	-	-	-
Year 2026/2027	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2026/2027	Taroom Aerodrome - Security Cameras			20,000		
2026/2027	Taroom Aerodrome - Office & Lunchroom			40,000		
2026/2027	Thangool Aerodrome - ARO Airside Shed			100,000		
<b>Total 2026/27</b>				<b>160,000</b>		
Year 2027/2028	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
2027/2028	Airfield Linemarking			50,000		
2027/2028	Taroom Aerodrome Runway Resheeting			70,000		
2027/2028	Lighting Renewals - various sites	25,000				
2027/2028	Fencing Renewals - various sites	25,000				
2027/2028	Markers, security camera renewals - various sites	25,000				
2027/2028	Thangool Aerodrome Resurfacing			200,000		
<b>Total 2027/28</b>		<b>75,000</b>	-	<b>320,000</b>	-	-
Year 2028/2029	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Fundin
	Theodore Aerodrome Resheeting	200,000				
	Lighting Renewals - various sites	25,000				
	Fencing Renewals - various sites	25,000				
	Markers, security camera renewals - various sites	25,000				
<b>Total 2028/29</b>		<b>275,000</b>	-	-	-	-



# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN**

### **FOR**

## **BUILDINGS**





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Adopted by ..... Date ..... For review December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	Dec 2015	Asset Management Advisor	28/9/16
2	January 2018	Asset Management Coordinator	26/4/18
3	January 2019	Asset Management Coordinator	
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all buildings assets and services under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the Community. Building assets are provided to facilitate services to the community.

### 1.2 SUMMARY

Council provides a building network to enable the delivery of the required level of service to existing and future customers in the most cost effective way. This plan is intended to demonstrate how Council will achieve this outcome by applying the principles of responsible asset management.

Council plans to operate and maintain its buildings to achieve the following strategic objectives.

- Ensure that buildings are maintained at a safe and functional standard
- Ensure that buildings provide the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of buildings is achieved through best appropriate practices.

### 1.3 INPUTS TO LONG TERM FINANCIAL PLAN

Banana Shire Council is responsible for 597 buildings. The following replacement and written down values are as at 30<sup>th</sup> June 2018.

Replacement Value        \$74,577,696  
Written Down Value        \$56,758,922

There are two key indicators of cost to provide the services provided by the buildings identified in this plan. The maintenance and operational costs and renewal costs. Councils 2018-19 total maintenance and operational budgets are:

Maintenance                \$ 870,000  
Operational                 \$2,716,000

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
<b>Operational</b>	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000
<b>Maintenance</b>	870,000	870,000	870,000	870,000	870,000	870,000	870,000	870,000	870,000	870,000
<b>Renewals</b>	100,000	230,000	2,190,000	471,000	250,000	802,000	354,000	336,000	760,000	370,000
<b>Upgrade Renewal</b>	10,000	300,000	-	-	-	-	-	-	-	15,000
<b>Upgrade New</b>	25,000	530,000	60,000	30,000	-	100,000	-	-	-	-
<b>New</b>	100,000	260,000	80,000	120,000	-	-	-	-	60,000	-
<b>Total</b>	<b>3,821,000</b>	<b>4,906,000</b>	<b>5,916,000</b>	<b>4,207,000</b>	<b>3,836,000</b>	<b>4,488,000</b>	<b>3,940,000</b>	<b>3,922,000</b>	<b>4,406,000</b>	<b>3,971,000</b>



## **2. INTRODUCTION**

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### **2.1 BACKGROUND**

#### **Our Vision**

#### **'Shire of Opportunity'**

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Buildings Asset Management Plan is the link between the Council's corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### **2.2 CORPORATE AND STRATEGIC DIRECTIONS**

Council exists to provide services to its community. Some of these services are provided by building assets. Council's goal in managing building assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of building asset management are:

- taking a life cycle approach
- developing cost-effective management strategies for the long term
- providing a defined level of service and monitoring performance
- understanding and meeting the demands of growth through demand management and infrastructure investment
- managing risks associated with asset failures
- sustainable use of assets

### **2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS**

This plan covers all of the assets in the Buildings Asset Class, i.e., all of the assets contained within the "Buildings" Category in Council's Asset Management System.

Structures not covered by this plan include:

- Improvements to the land i.e. BBQ's, playground equipment, fencing, lighting, (these will be covered within Council's Aerodromes, Waste, Environmental Health Facilities and Parks Asset Management Plans)
- Buildings and structures at water and sewerage treatment plants, pump station and reservoirs (these will be covered within Council's Water & Sewerage Asset Management Plans)
- Buildings within facilities where lease agreements are in place stating the leasee is responsible for the maintenance and renewal of the facility.

### **BUILDING HIERARCHY**

A buildings hierarchy has been implemented within Council's Asset Management System and records buildings in the following Sub Classes

- Aerodromes
- Cemeteries
- Compliance Facilities



- Council Operated Facilities – including Halls, Community Centres, Administration Centres, Libraries, Housing
- Depots
- Leased Facilities
- Other
- Parks
- Pools
- Public Amenities
- SES
- Washdown Facilities
- Waste Facilities

## 2.4 MANAGEMENT AND RESPONSIBILITIES

Banana Shire Council is responsible for 597 buildings which are used to provide a comprehensive suite of community and lifestyle services. Some services are directly related to building assets, and some are indirectly related. This plan is the ideal place to capture and record the services because of the essential links between the services and asset management outcomes. The operational and maintenance activities recorded in this plan also relate to all services provided. The responsibilities and management of Councils buildings is separated into Maintenance Managers and Operational Managers or Service Providers.

### Maintenance Asset Manager (DES)

Development and Environmental Services is recognised as the building asset manager for financial reporting purposes and their responsibilities are:

1. Asset register including condition assessments
2. Managing building maintenance requests from operational managers
3. Budgeting for building renewals (with consultation with Operational Manager)
4. Air conditioners maintenance (yearly program)
5. Pest management (yearly program)
6. WHS compliance fire safety, asbestos management, RCD's
7. Progressive asbestos removal
8. Insurance
9. Key system (including register)

### Operational Manager – Service Providers (each building has a nominated manager and some of these will be lessees or occupiers)

There are various building or facility operational managers; they are summarised in the table below. The operational managers are responsible for;

1. Leasing and management
2. Budgeting for operational costs including power and phone costs
3. Landscape maintenance (mowing etc)
4. Cleaning
5. Submitting building maintenance requests to DES
6. Security
7. WHS test tag, hazard inspections
8. Furniture & IT
9. Consumables (toilet rolls, cleaning products, coffee etc)

### Facilities and Operational Managers

Building/Facility	Operational Department	Operational Manager
Administration Buildings	ES	Director Corporate & Community Services
Residential properties	CCS	Manager Admin & Community
Libraries	CCS	Manager Admin & Community
Halls and galleries	CCS	Manager Admin & Community
Leased properties	CCS	Manager Admin & Community
CRC	CCS	Manager Admin & Community
Lake Callide Retreat	CCS	Manager Admin & Community
Civic Centre	CCS	Manager Admin & Community
Dunn Street Complex	CCS	Director Corporate & Community Services



Communications facilities	CCS	Senior IT Advisor
Aerodromes	CCS	Director Corporate & Community Services
Parks	IS	Works Manager
Council Depots (other)	IS	Works Manager
Council Camps	IS	Works Manager
SES	IS	Works Manager
Sports and Recreation Reserves (excluding leased properties)	IS	Works Manager
Water	DES	Manager Water Services
Sewerage	DES	Manager Water Services
Waste Facilities	CCS	Principal Enviro & Land Management
Public Pools	DES	Principal Enviro & Land Management
Saleyards and Dips	DES	Principal Enviro & Land Management
Animal Control	DES	Principal Enviro & Land Management
Land Protection	DES	Principal Enviro & Land Management
Washdown Facilities	DES	Principal Enviro & Land Management
Cemeteries	DES	Principal Enviro & Land Management

### 3. LEVELS OF SERVICE

#### 3.1 LEVELS OF SERVICE FRAMEWORK

The Level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services

#### 3.2 CURRENT LEVEL OF SERVICE

Community Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness.

The range of services provided with buildings assets includes –

- Active and passive recreation facilities for a range of age and community groups including Aquatic centres, park, showground and sporting buildings, including halls, libraries, playgroups and public amenities.
- Corporate Buildings - for administration functions including administration and service centres, depots, waste management and aerodrome facilities

##### 3.2.1 Service Standards

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

##### Service Criteria

Condition  
Function

##### Technical measures may relate to

Presentation of buildings  
Operational capacity and maintenance response

Key performance measure	Level of service	Performance Measure Process
	<b>COMMUNITY LEVELS OF SERVICE</b>	
QUALITY	Ensure that buildings are clean, inviting and safe for user groups. The buildings are accessible for users of all abilities, and do not pose undue risk for specific users and activities	Monitoring of complaints lodged per annum for faults and building damage, and the response times for critical faults
FUNCTION	Ensure that buildings are fit for purpose, and meet user group activity requirements. The buildings are accessible for users of all abilities, and do not pose undue risk for specific users and activities	Customer Satisfaction Survey



CAPACITY / UTILISATION	That Council buildings are available to service the needs of user groups, and are suitable to accommodate the specific space requirements of user groups. That Council's overall asset provision is utilised effectively.	Customer Satisfaction Survey Analysis of booking and reservation information for hire-basic facilities.
<b>TECHNICAL LEVELS OF SERVICE</b>		
SAFETY	Maintain essential safety measures in all Council buildings	Inspect and note defects for compliance with building regulations to ensure adequate levels of fire safety and protection of people in buildings
CONDITION	Buildings in fair-good condition	Complete condition inspections on building components identified in Asset Management register
FUNCTION	Assets are fully operational  Maintenance responses	Consistent functionality of all building assets unless as a result of programmed works or failure as a result of unforeseen circumstances  Reported defects actioned within defined timeframes
SUSTAINABILITY	Buildings are managed with respect to future generations	Sustainability principals are incorporated into the design of all new and upgraded buildings

### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. Council is currently developing a building hierarchy to determine both the community and technical service levels for all buildings and this will be included in future updates to this plan.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively promoted by letter box drops, council and community newsletters and brochures, Council's web page and newspapers circulating in the shire.

From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.

## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during design of buildings. Provision of suitable buildings to meet the needs of the aging population
Tourism			With current focus on attracting tourist to the area - Council needs to provide a better



			quality of buildings in parks and freedom camping grounds such as toilets and shade shelters to accommodate the passing visitors.
Climate change			Recent flooding and cyclone events has demonstrated the need to improve the quality of building materials and the construction methods when renewing assets.

## 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand. This will include non-asset solutions, such as providing a number of different services from the one building.

Technology changes are forecast to affect the delivery of services in the areas outlined below

Technology change	Effect of service delivery
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Building construction methods and materials	Potential to increase asset life of building components through reduced construction and/or maintenance requirements
Solar Installation	Potential to decrease operational costs of related buildings through reduced electricity expenses.

## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.

RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, huge \$ cost
Almost Certain Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
Likely Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
Possible Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
Unlikely Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
Rare May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:



Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above

## 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Building falls below hierarchy rating	Likely	Moderate	17	Review hierarchy ratings and service levels
Insufficient funding to renew building	Possible	Major	18	Prioritise capital and maintenance works based on condition
Significant asset loss for disaster (fire, flood, malicious damage)	Possible	Major	18	Keep Insurance current Offsite storage of data backups Disaster Management Plan updated and current
Little or no use of building	Possible	Moderate	13	Review hierarchy ratings and service levels
Structural issues resulting in building being unsafe for use	Possible	Catastrophic	22	Undertake regular inspections and maintenance regimes
Building does not comply with today's Australian Building standards	Likely	Major	21	Non-compliance works to be given consideration in renewal of asset Undertake regular inspections and maintenance regimes
Building does not meet the needs of the clients - insufficient space and serviceability	Possible	Moderate	13	Review hierarchy ratings and service levels
Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Inappropriate asset and service management	Possible	Major	18	Provide appropriate skills and training

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of most assets covered by this plan will depend on a range of environmental factors. The useful lives given below were determined in the 2018 revaluation.

Asset Component	Useful Life	Current Year Depreciation (2018)
Super Structure	60 years	341,822
Sub Structure	60 years	145,459
Roof	15 & 40 years	233,361
Fitouts & Fittings	40 years	116,893
Fitout (Floor Coverings)	15 years	120,343
Services (Mechanical)-Air-condition	15 years	102,167
<b>Total Buildings</b>		<b>1,060,045</b>



## 6.2 CURRENT CONDITION OF ASSETS

Building Condition Scoring System – Banana Shire Council currently uses the following 5 point condition scoring system when assessing buildings.

### Condition Rating Criteria

0	Brand New
1	As new condition, no visible signs of wear and tear or defect
2	In good condition with some obvious signs of wear and tear but no evidence of deterioration
3	In fair condition, minor evidence of deterioration of the element which could potentially shorten life
4	In poor condition with evidence of minor isolated failure in an element which will reduce future life, maintenance costs high
5	Total failure of the element, extreme risk in leaving asset in service

Typically buildings with Super- Structure and Sub-Structure component condition scores of 4 or higher and other components with a condition score of 2 or higher will be considered for inclusion in a renewal program.

### Total replacement value of components in the following conditions (\$)

Type/Component	CONDITION RATING				
	1	2	3	4	5
Super Structure	10,776,182	7,450,729	9,609,106	2,289,308	405,432
Sub Structure	6,088,862	5,759,547	4,703,709	1,717,715	242,755
Roof	4,898,822	1,924,124	5,920,383	861,053	271,136
Fitouts & Fittings	3,241,448	2,402,692	2,390,799	27,238	12,672
Fitouts Floor Coverings	486,863	423,633	487,883	17,751	24,185
Services Mechanical	1,052,912	873,545	151,616		
<b>Total</b>	<b>26,545,087</b>	<b>18,834,271</b>	<b>23,263,496</b>	<b>4,913,065</b>	<b>956,180</b>

## 6.3 MAINTENANCE & OPERATIONS PROGRAMS

### 6.3.1 Service Summary

Councils building assets must be properly maintained so that they continue to support the delivery of a wide range of council services which fulfil the social, economic and environmental needs of the community.

For the purpose of this Plan, maintenance is defined as work on existing buildings undertaken with the intention of:

- Preventing further deterioration
- Restoring correct operation within specified parameters
- Making temporary repairs for immediate health, safety and security reasons
- Assessing buildings for maintenance requirements

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function and value to the community
- All statutory and technical requirements to ensure health, safety, security and reliability are met

### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from Council's maintenance budget

Planned maintenance consists of preventative, statutory, and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of a building structure, building components, service or site improvement is below acceptable standards.

Unplanned (often referred to as reactive) maintenance occurs when failure of a building component requires immediate attention. It is usually limited to rectification for function, health, safety or



security reasons. Assessment and prioritisation of reactive maintenance is undertaken by council staff using experience and judgement

### 6.3.3 Maintenance and Operation Program

The following information has been compiled from the general ledger in Councils financial system.

#### BUILDINGS OPERATIONAL COSTS

GL Name	GL Number	2013-14	2014-15	2015-16	2016-17	2017-18
Admin Bldgs - Operating Expenses	1010-2381			229,309	271,609	296,156
Depot Administration Expenses	2310-2734	167,626	244,013	240,506	283,405	278,170
Store Operating Expenses	2320-2380		73,718	80,013	51,459	13,088
Taroom Showgrounds Operating & Maintenance Expenses	3200-2380	54,997	85,893	111,504	119,068	116,923
General Library Operating Expenses	3300-2380	141,497	164,300	147,777	147,955	132,475
Biloela Library Operating Expenses	3303-2380	76,272	93,155	77,909	96,657	99,238
Moura Library Operating Expenses	3309-2380	3,915	4,053	6,029	6,109	6,789
Taroom Library Operating Expenses	3310-2380	3,016	4,186	5,252	8,348	9,616
Theodore Library Operating Expenses	3312-2380	15,081	15,248	13,710	13,839	14,421
Mobile Library Operating Expenses	3315-2380	557	1,439	4,064	4,736	1,075
CRC Operating Expenses	3350-2380	235,361	284,864	324,115	315,280	425,278
Corporate Buildings Maintenance Exp	3500-2380	869,398	818,907	352,448	465,538	319,634
Transit Accommodation Operating Exp	3500-2385	36,523	29,945	36,036	32,320	31,450
Council Houses Repairs & Maintenance	3500-2480	71,787	107,182	72,595	70,912	60,415
Civic Centre Operating Expenses	3503-2380	219,380	184,992	182,057	226,547	211,158
Civic Centre Repairs & Maintenance	3503-2480				2,854	
BUILT - Fire Safety	3500-2381					
Leased Houses Operating Exp	3501-2380	131,646	135,072	205,825	185,888	199,505
Callide Dam Rentals Operating Exp	3501-2482			372	37,192	239,927
Kianga Hall Operating Expenses	3504-2380			25,056	33,959	30,299
Public Halls Operating Expenses	3510-2380	177,982	186,748	171,588	222,369	198,880
DUNN STREET - Operating Expenses	5000-2495			51,005	59,095	107,682
RAEDON ST - Operating Expenses	5000-2500			7,791	4,566	14,512
Public Parks-Building Maintenance	5300-2480					
Public Toilets Operating Costs	5320-2380				340,195	376,147
SES Operating Expenses	5641-2380	4,808	35,432	30,670	26,821	48,926
<b>Totals</b>		<b>2,209,846</b>	<b>2,469,147</b>	<b>2,375,631</b>	<b>3,026,721</b>	<b>3,231,764</b>

#### BUILDINGS MAINTENANCE COSTS

GL Name	GL Number	2013-14	2014-15	2015-16	2016-17	2017-18
Admin Bldgs - Operating Expenses	1010-2381					
Depot Administration Expenses	2310-2734					
Store Operating Expenses	2320-2380				1,268	3,250
Taroom Showgrounds Operating & Maintenance Expenses	3200-2380			10,320	1,701	7,028
General Library Operating Expenses	3300-2380					
Biloela Library Operating Expenses	3303-2380					
Moura Library Operating Expenses	3309-2380					
Taroom Library Operating Expenses	3310-2380					
Theodore Library Operating Expenses	3312-2380					
Mobile Library Operating Expenses	3315-2380					
CRC Operating Expenses	3350-2380					
Corporate Buildings Maintenance Exp	3500-2380	56,251	26,983	83,635	83,026	202,067
Transit Accommodation Operating Exp	3500-2385	8,180	4,240	1,943	13,618	1,854
Council Houses Repairs & Maintenance	3500-2480	37,195	41,071	57,903	22,473	28,364
Civic Centre Operating Expenses	3503-2380					
Civic Centre Repairs & Maintenance	3503-2480	50,000	89,322	84,973	41,981	35,142
BUILT - Fire Safety	3500-2381					88,844
Leased Houses Operating Exp	3501-2380	18,450	15,024	24,172		
Callide Dam Rentals Operating Exp	3501-2482					
Kianga Hall Operating Expenses	3504-2380					
Public Halls Operating Expenses	3510-2380	25,769	58,381	12,245	26,532	34,361
DUNN STREET - Operating Expenses	5000-2495			5,827		
RAEDON ST - Operating Expenses	5000-2500					
Public Parks-Building Maintenance	5300-2480	63,412	81,308	20,607	9,155	20,133
Public Toilets Operating Costs	5320-2380				115,505	126,262
SES Operating Expenses	5641-2380		5,810	1,097	1,686	
<b>Totals</b>		<b>259,257</b>	<b>322,139</b>	<b>302,722</b>	<b>316,945</b>	<b>547,305</b>



Future revisions of this Plan are expected to more accurately report the proportion of maintenance and operational expenditure and measure its impact on asset condition.

#### 6.4 ASSET RENEWAL PROGRAM

Renewal expenditure is major work which does not increase the asset's design capacity but restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Asset renewal and replacement is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements

It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.

The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

Age  
Material  
Safety  
Failure frequency

Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in for Council's 10 Year Capital Works Program.

Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

Building Renewal Expenditure - The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current condition of each asset component. Please refer to Appendix A for the detailed renewal plan.

##### Planned Renewal Expenditure (\$)

2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
100,000	230,000	2,190,000	471,000	250,000	802,000	354,000	336,000	760,000	370,000

#### 6.5 ASSET ACQUISITION

##### 6.5.1 New, Additional or Upgrade Asset Program / Costs

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.



New assets and upgrade/expansion of existing assets are identified from various sources such as Councillor, operational managers or community request, proposals identified by strategic plans or partnerships with other organisations.

Candidate proposals are inspected to verify need and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in future works programs.

### Capital Investment Strategies

Council will plan capital upgrade and new projects to meet level of service objectives by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner
- Undertake project scoping for all capital upgrade/new projects to identify:
  - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
  - the project objectives to rectify the deficiency, including value management for major projects
  - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
  - management of risks associated with alternative options
  - and evaluate the options against evaluation criteria adopted by Council, and select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure the organisation is obtaining best value for resources used.

Buildings Construction & Acquisition - The table below shows the amounts required for Building renewals, upgrades and the construction of new infrastructure in Council's Ten Year Financial Forecast.

**10 Year Renewal/ Upgrade/ New Assets Plan (\$)**

Asset Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
<b>Renewals</b>	100,000	230,000	2,190,000	471,000	250,000	802,000	354,000	336,000	760,000	370,000
<b>Upgrade Renewal</b>	10,000	300,000	-	-	-	-	-	-	-	15,000
<b>Upgrade New</b>	25,000	530,000	60,000	30,000	-	100,000	-	-	-	-
<b>New</b>	100,000	260,000	80,000	120,000	-	-	-	-	60,000	0
<b>TOTALS</b>	<b>235,000</b>	<b>1,320,000</b>	<b>2,330,000</b>	<b>621,000</b>	<b>250,000</b>	<b>902,000</b>	<b>354,000</b>	<b>336,000</b>	<b>820,000</b>	<b>385,000</b>

## 6.6 ASSET DISPOSAL

A quality portfolio of building assets should efficiently, effectively and economically sustains delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of building assets must be based on sound evaluations that fully reflect council's service delivery goals. At this point in time no building disposals are planned.

## 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be recognised as a key driver during the design process. Evidence suggests that good design/construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Building assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are



substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

### 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Building Valuation figures below were extracted from Assetic Reconciliation Report as at 30<sup>th</sup> June 2018.

Asset Component	Replacement Value	Accumulated Depreciation	Written Down Value
Super Structure	30,558,164	7,534,591	23,023,573
Sub Structure	18,529,005	4,495,505	14,033,500
Roof	13,892,406	3,683,849	10,208,557
Fitouts & Fittings	8,074,849	1,512,371	6,562,477
Fitouts Floor Coverings	1,441,324	310,158	1,131,166
Services Mechanical	2,081,948	282,298	1,799,649
<b>Total Buildings</b>	<b>74,577,696</b>	<b>17,818,773</b>	<b>56,758,923</b>

### 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
<b>Operational</b>	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000	2,716,000
<b>Maintenance</b>	870,000	870,000	870,000	870,000	870,000	870,000	870,000	870,000	870,000	870,000
<b>Renewals</b>	100,000	230,000	2,190,000	471,000	250,000	802,000	354,000	336,000	760,000	370,000
<b>Upgrade Renewal</b>	10,000	300,000	-	-	-	-	-	-	-	15,000
<b>Upgrade New</b>	25,000	530,000	60,000	30,000	-	100,000	-	-	-	-
<b>New</b>	100,000	260,000	80,000	120,000	-	-	-	-	60,000	-
<b>Total</b>	<b>3,821,000</b>	<b>4,906,000</b>	<b>5,916,000</b>	<b>4,207,000</b>	<b>3,836,000</b>	<b>4,488,000</b>	<b>3,940,000</b>	<b>3,922,000</b>	<b>4,406,000</b>	<b>3,971,000</b>

### 7.3 FUNDING STRATEGY

Renewals are to be funded from Council's Capital Works Program and grants where available.

## 8. ASSET MANAGEMENT PRACTICES

### 8.1 ACCOUNTING FINANCIAL SYSTEM

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for Asset Depreciation.

### 8.2 ASSET MANAGEMENT SYSTEM(S)

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (Map Info) and have the same asset ID number as Assetic. A hot



link is being developed to link Assetic & Map Info. All asset financial and inventory data is recorded in Assetic.

### 8.3 PERFORMANCE MEASURES

#### 8.3.1 Service Standards

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into Council's long term financial plan.
- Informed decisions on expenditure allocations with regard to levels of service.

### 8.4 IMPROVEMENT PROGRAM

Actions	Responsible Officer	Date Required	Priority
Refine building assets data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives Develop a building hierarchy to determine community and technical service levels for all buildings	Building Services Coordinator, Asset Management Coordinator, Manager Financial Services	30/06/16 COMPLETE  30/12/18 COMPLETED	
Review existing lease agreements and where lacking develop additional leases where Council is not the operational manager to clarify parties responsibilities regarding building maintenance and replacement; so as to better inform the data in Assetic	Land & Lease Management Coordinator/ DCCS, CEO	30/12/19 (this task may not be completed in this time frame)	1
Link assets in Assetic to GIS Assets are linked to Facilities and all Facilities have been mapped	GIS Officer	30/12/18 COMPLETED	
Review this report and action plan	Asset Management Coordinator	30/12/19	1

#### 8.4.1 Monitoring and Review Process & Procedures

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.



## APPENDICES

### APPENDIX A

#### ASSET REPLACEMENT PLAN

2019-20								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Callide Da	Lake Callide Retreat		LCR Amenities				100,000	EPA approval required before work can commence - w on't be done before 30/6/19
Biloela	Transit Accommodation	BLD120	Transit Accommodation	100,000				Replace ceiling in both A&B and repaint internal and external in-fill panels; top glass section; front of Grevillea St and office. Reduce heat/glare and air-con costs (\$15K per 1/4). Sun belts into YAF area...bleaching books. Remove skylights in kids room replace with sheeting.
Biloela	Library	BLD74	Biloela Library		10,000			Insall Taylex system to replace failed septic
Biloela	Depot	BLD69	Aurburn Stree Depot Amenities			25,000		
<b>2019-20 Total</b>				<b>100,000</b>	<b>10,000</b>	<b>25,000</b>	<b>100,000</b>	
2020-21								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Biloela	Community Resource Ce	BLD111	Biloela CRC		300,000	500,000		Extension to existing building Replace one of the shelters with landmark as per other Council Parks
Theodore	Junction Park	BLD366	Junction Park	20,000				Repaint external
Biloela	Library	BLD74	Biloela Library	30,000				Build 2 meeting rooms. Extend Melton St walls, make them solid (not glass); wall facing into library, build a bench to w hich iPads, and laptops can be secured for public use in the library. Better use of IT, potential for Library to be revenue positive.
Biloela	Library	BLD74	Biloela Library			30,000		Upgrade kiosk. Replace roller doors, replace electrical wiring, upgrade air-conditioning, repaint, replace benches
Biloela	Biloela Pool	BLD100	Change rooms & Kiosk	30,000				
Biloela	Administration Building	BLD126	Biloela Admin				200,000	Biloela Admin carpark on Western side
Moura	Kianga Hall	BLD159	Kianga Hall	80,000				Replace flooring
Moura	Moura Pool						60,000	Shade structure over 25m pool (\$60K)
Taroom	RSL	BLD225	Taroom RSL kindergarten	70,000				Restump
<b>2020-21 Total</b>				<b>230,000</b>	<b>300,000</b>	<b>530,000</b>	<b>260,000</b>	
2021-22								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Biloela	Housing	BLD36	Dunn St Caretakers cottage	10,000				Replace floor coverings and painting
Biloela	Civic Centre	BLD31	Civic Centre	1,000,000				Aircon Auditorium
Dululu	Dululu Rest Area	BLD143	Dululu Toilets	200,000				Replace Building
Biloela	Junction Park	BLD365	Junction Park	15,000				Replace one of the shelters with landmark as per other Council Parks
Biloela	Depot	BLD32	Amenities - Biloela Depot	150,000				Replace amenities
Biloela	Swimming Pool	BLD391	Biloela Pool 50m Grandstand			60,000		Current grand stand is rusting and timber work has rotted in places 50m pool - one each year for 2 years
Biloela	Swimming Pool	BLD100	Change rooms & Kiosk	40,000				Upgrade buildings - repaint & refit
Biloela	Biloela Cricket club	BLD52	Timber Shelter 1- Biloela Cricket C	10,000				Replace timber shelters at Biloela Cricket Club
Biloela	Biloela Cricket club	BLD610	Timber Shelter 2- Biloela Cricket C	10,000				Replace timber shelters at Biloela Cricket Club
Biloela	Biloela Cricket club	BLD611	Timber Shelter 3- Biloela Cricket C	10,000				Replace timber shelters at Biloela Cricket Club
Biloela	Biloela Cricket club	BLD612	Timber Shelter 4- Biloela Cricket C	10,000				Replace timber shelters at Biloela Cricket Club
Biloela	Malcolm Husbands Park	BLD488	Shelter 1- Dog Agility Park	10,000				Replace timber shelters at Dog Agility Park
Biloela	Jim Hooper Park	BLD491	Shelter 2-Jim Hooper Park	10,000				Replace timber shelters at Jim Hooper Park
Goovigen	Recreation Reserve	BLD150	Shelter 3-Goovigen Rec Reserve	10,000				Replace shelter at Goovigen Rec Reserve
Goovigen	Recreation Reserve	BLD532	Shed-Goovigen Rec Reserve	20,000				Replace shed at Goovigen Rec Reserve
Taroom	Glebe Weir	BLD383, 384	Taroom Glebe Weir-shelters	45,000				Replace shelters
Taroom	Swimming Pool	BLD246	Amenities /Clubhouse	350,000				Replace building with pre fab building
Theodore	RSL	BLD278	Theodore RSL	290,000				Replace roof
Moura	Swimming Pool	BLD394	Moura pool				80,000	Shade structure over starter blocks of 50m pool
<b>2021-22 Total</b>				<b>2,190,000</b>	<b>-</b>	<b>60,000</b>	<b>80,000</b>	
2022-23								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Baralaba	Playgroup	BLD337	Baralaba - Playgroup shade shell	17,000				Replace roof
Baralaba	Rugby League Club	BLD19	Baralaba Rugby League Club - ch	160,000				Replace roof
Baralaba	SES	BLD24	Baralaba SES	15,000				Paint - internal
Biloela	Biloela pool						40,000	Replace shipping containers with storage shed (\$40K)
Moura	Moura pool						80,000	Shade structure over part of 50m pool
Moura	Library	BLD160	Moura Library	40,000				Replace floor coverings
Moura	Kianga Hall	BLD159	Kianga Hall	200,000				Replace flooring
Moura	Depot	BLD154	Moura Depot Amenities	4,000				Paint
Taroom	Aerodrome	BLD206	Taroom Aerodrome Storage shed	7,000				Replace roof
Taroom	Glebe Weir	BLD209	Taroom Glebe Weir - amenities	13,000				Replace roof
Taroom	Depot	BLD254	Taroom Depot - w orkers accomm	15,000				Replace roof, floor coverings and painting
Biloela	Library	BLD74	Biloela Library - outdoor reading deck			30,000		Construct reading deck on western side of library
<b>2022-23 Total</b>				<b>471,000</b>	<b>-</b>	<b>30,000</b>	<b>120,000</b>	



2023-24								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Baralaba	RSL	BLD10	Baralaba RSL	35,000				Replace aircons
Biloela	Swimming Pool	BLD100	Biloela pool kiosk	55,000				Replace aircons
Biloela	Dunn Street Complex	BLD354	Dunn Street Workshop	60,000				Replace floor coverings
Biloela	Dunn Street Complex	BLD355	Dunn Street Stores	20,000				Replace floor coverings
Biloela	Dunn Street Complex	BLD356	Dunn Street Auction Centre	20,000				Replace floor coverings
Biloela	Administration Building	BLD126	Biloela Admin Building	60,000				Repaint external of building
2023-24 Total				250,000	-	-	-	
2024-25								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
All Towns	All Towns		Park Shelters & Toilets			100,000		Park Buildings & Shelters renew al including painting and maintenance
Moura	Depot	BLD154	Moura Depot amenities	5,000				Replace roof
Taroom	Administration Building	BLD241	Taroom Admin building	660,000				Paint and replace floor coverings & aircon
Taroom	Library/Youth Centre	BLD211	Taroom Library/Youth Centre	137,000				Replace aircons , paint internally
2024-25 Total				802,000	-	100,000		
2025-26								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Baralaba	Dawson River Weir	BLD18	Baralaba - Dawson river Weir am	5,000				Replace roof
Baralaba	Depot	BLD8	Baralaba Depot Shed 1 Mechanic	35,000				Replace roof and fire services
Biloela	Library	BLD74	Biloela Library	72,000				Replace floor coverings
Moura	Library	BLD160	Moura Library	80,000				Replace aircons
Moura	Playgroup	BLD183	Moura Playgroup Building	9,000				Replace roof
Thangool	Aerodrome	BLD269	Thangool aerodrome office	3,000				Replace roof
Theodore	Depot	BLD272	Theodore Depot amenities	7,000				Replace floor coverings and paint internally
Theodore	Aerodrome	BLD326	Theodore Aerodrome residence	1,000				Paint internally
Wowan	Depot	BLD305	Wowan Depot Shed	2,000				Replace fire services
Biloela	Swimming Pool	BLD103	Biloela pool pumphouse	140,000				Replace roof on 50m pumphouse
2025-26 Total				354,000	-	-	-	
2026-27								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Taroom	Depot	BLD208	Stores (Old section)	80,000				Replace shed at Taroom Depot
Taroom	Showgrounds	BLD232	Amenities (3)	150,000				Replace amenities at Taroom show grounds
Banana	Opportunity Park	BLD84	Banana - Opportunity Park picnic	15,000				Replace roof
Baralaba	Playgroup	BLD26	Baralaba Playgroup	13,000				Replace floor coverings
Taroom	Saleyards	BLD220	Taroom Saleyards cattle dip	14,000				Replace roof
Taroom	Showgrounds	BLD232	Taroom Show grounds - public toi	23,000				Replace roof
Taroom	Showgrounds	BLD233	Taroom Show grounds - secretar	6,000				Replace roof
Taroom	Showgrounds	BLD234	Taroom Show grounds - stallion b	22,000				Replace roof
Taroom	Showgrounds	BLD236	Taroom Show grounds - caretaker	4,000				Replace floor coverings
Taroom	Showgrounds	BLD247	Taroom show groun ds - kiosk poi	9,000				Replace roof
2026-27 Total				336,000				
2027-28								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Biloela	Tom Dawson Park	BLD98	Tom Dawson Park	3,000				Replace roof
Biloela	Dunn Street Complex	BDL354	Dunn Street Workshop	330,000				Replace roof
Biloela	Dunn Street Complex	BDL355	Dunn Street Stores	110,000				Replace roof
Biloela	Dunn Street Complex	BDL356	Dunn Street Auction Centre	110,000				Replace roof
Biloela	Dunn Street Complex	BLD41	Dunn Street Auction Shelter	7,000				Replace roof
Biloela	Dunn Street Complex		Dunn Street Stores				60,000	Storage shed at Dunn Street
Biloela	Bicentennial Park	BLD92	Bicentennial Park - Amenities	200,000				Replace amenities
2027-28 Total				760,000	-	-	60,000	
2028-29								
Town	Locality	Asset ID	Asset Name	Renewal	Upgrade Renew	Upgrade Ne	New	Discription of Work
Moura	Swimming Pool	BLD186	Moura pool amenities	30,000				Refurb amenities - renew ing the floor
All Towns	All Parks		Park Shelters & Toilets	100,000				Park Buildings & Shelters renew al including painting and maintenance
Wowan	RSL	BLD307	RSL Hall Wowan	30,000				Upgrade stairs throughout building and internal painting currently does not meet aust standards and liability to council (other option is to remove altogether)
Biloela	Swimming Pool		Shade and playground at Biloela p	120,000				
Biloela	Swimming Pool	BLD102	Biloela pool - Flooring in staff area		15,000			Flooring in staff area
Moura	Swimming Pool	BLD184	Moura Pool moving of meter box	30,000				Move meter box to the outside of the plant room to allow ergon to read the meter (item was removed from 2017/18 FY due to 50m pool emergency repairs)
Taroom	Administration Building	BLD241	Taroom Admin Building - roof repl	60,000				Replace damaged roof on Taroom Admin Building
2028-29 Total				370,000	15,000	-	-	



# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN FOR ENVIRONMENTAL HEALTH FACILITIES**





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Adopted by ..... Date ..... For review December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	January 2018	Asset Management Coordinator	26/4/18
2	January 2019	Asset Management Coordinator	
3			
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

**1.2** This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all environmental health facility assets and services under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the community. Environmental Health Facility assets are provided to facilitate services to the community.

### 1.3 SUMMARY

Council provides Environmental Health Facilities to enable the delivery of the required level of service to existing and future customers in the most cost effective way. This plan is intended to demonstrate how Council will achieve this outcome by applying the principles of responsible asset management.

The Environmental Health Facilities include pools, cemeteries, washdown bays, compliance facilities that incorporated the animal management facility and pound and the rural services stockyard compliance facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland.

Council plans to operate and maintain its Environmental Health Facility assets to achieve the following strategic objectives.

- Ensure that the facilities are maintained at a safe and functional standard
- Ensure that the facilities deliver the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of assets is achieved through best appropriate practices.

### 1.4 INPUTS TO LONG TERM FINANCIAL PLAN

Council has acquired Environmental Health Facility assets by contract, construction by Council staff and by donation of assets constructed by developers and others to meet increased levels of service. This asset management plan covers the following infrastructure assets.

Asset Class	Asset Type	Replacement Value	WDV @ 30/6/18
<b>Pools</b>	BBQ	12,000	7,103
	Fencing	92,075	40,740
	Lighting	130,000	74,349
	Other	263,915	135,345
	Playground Equipment	117,270	79,814
	Pool	8,540,000	5,630,989
	<b>TOTAL</b>	<b>9,155,260</b>	<b>5,968,340</b>
<b>Cemeteries</b>	Fencing	235,140	149,495
	Other	283,452	184,747
	<b>TOTAL</b>	<b>518,592</b>	<b>334,243</b>
<b>Washdown Bays</b>	Lighting	47,000	20,820
	Other	1,929,500	886,440
	Road	273,389	108,486
	<b>TOTAL</b>	<b>2,249,889</b>	<b>1,015,746</b>
<b>Compliance Facilities</b>	Fencing	585,000	318,748
	Hardstand	5,418	4,422
	Other	52,000	25,580
	Road	17,355	5,123
	<b>TOTAL</b>	<b>659,773</b>	<b>353,873</b>
<b>TOTAL</b>		<b>12,583,514</b>	<b>7,672,202</b>



There are two key indicators of cost to provide the services provided by the Environmental Health Facility assets identified in this plan. The maintenance and operational costs and renewal costs. Councils 2018-19 total maintenance and operational budgets are:

Facility	Budget 2018-19
Pools Operational	510,000
Pools Maintenance	101,000
Cemeteries Operational	240,000
Washdown Operational	108,500
Washdown Maintenance	24,500
Compliance Facilities Operational	55,000
Compliance Facilities Maintenance	5,000
Taroom Saleyards & Dip Operational	50,000
Stock Routes Operational	10,000
Land Protection Operational	200,000
<b>Total</b>	<b>1,304,000</b>

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
<b>Operational</b>	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500
<b>Maintenance</b>	130,500	130,500	130,500	130,500	130,500	130,500	130,500	130,500	130,500	130,500
<b>Renewals</b>	280,000	270,000	90,000	80,000	195,000	165,000	165,000	165,000	165,000	165,000
<b>Upgrades</b>	25,000	55,000	95,000	145,000	125,000	145,000	265,000	170,000	265,000	145,000
<b>New Assets</b>	45,000	45,000	45,000	45,000	45,000	165,000	45,000	165,000	45,000	45,000
<b>TOTAL</b>	<b>1,654,000</b>	<b>1,674,000</b>	<b>1,534,000</b>	<b>1,574,000</b>	<b>1,669,000</b>	<b>1,779,000</b>	<b>1,779,000</b>	<b>1,804,000</b>	<b>1,779,000</b>	<b>1,659,000</b>

## 2. INTRODUCTION

### 2.1 BACKGROUND

#### Our Vision

#### 'Shire of Opportunity'

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Environmental Health Facilities Asset & Services Management Plan is the link between the Councils corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### 2.2 CORPORATE AND STRATEGIC DIRECTIONS

Council exists to provide services to its community. Some of these services are provided by



Environmental Health Facility assets. Council's goal in managing these assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of Environmental Health Facility asset management are:

- taking a life cycle approach
- developing cost-effective management strategies for the long term
- providing a defined level of service and monitoring performance
- understanding and meeting the demands of growth through demand management and infrastructure investment
- managing risks associated with asset failures
- sustainable use of assets

## 2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS

Banana Shire Council operates pool facilities in Biloela, Moura and Taroom. Biloela and Moura both have a 50m pool, 25m pool and a wading pool and Taroom has a 33m pool and wading pool.

### POOLS

Town	Asset Type	Replacement Value	WDV @ 30/6/18 (\$)
Biloela	BBQ		
	Fencing	49,500	19,571
	Lighting	54,000	37,364
	Other	187,500	84,306
	Playground Equipment	32,500	12,717
	Pool	3,485,000	2,314,417
	<b>Totals</b>	<b>3,808,500</b>	<b>2,468,375</b>
Moura	BBQ	12,000	7,103
	Fencing	28,125	11,120
	Lighting	36,000	21,309
	Other	34,415	17,552
	Playground Equipment	42,770	25,291
	Pool	3,710,000	2,515,008
	<b>Totals</b>	<b>3,863,310</b>	<b>2,597,383</b>
Taroom	BBQ		
	Fencing	14,450	10,048
	Lighting	40,000	15,677
	Other	42,000	33,487
	Playground Equipment	42,000	41,806
	Pool	1,345,000	801,565
	<b>Totals</b>	<b>1,483,450</b>	<b>902,583</b>
<b>TOTAL</b>		<b>9,155,260</b>	<b>5,968,340</b>

Banana Shire Council Cemeteries provide an essential service for the hygienic disposition of the deceased in accordance with legal requirements and prevailing community standards. Council supports the establishment, management and maintenance of several Cemeteries throughout the shire offering burial.

Council is committed to providing safe and efficient facilities in alignment with the draft Cemetery Management Plan 2016 and this Asset Management Plan.

### CEMETERY LOCATIONS AND TYPES

TOWN	CEMETERY	INTERMENTS TYPES	Location	Assessment No
Baralaba	Baralaba Cemetery	Monumental Cemetery Columbarium Wall	Reserve 28 Lot 116 on FN102 28 Woollers Road	00292-00000-000
Biloela	Monumental Cemetery	<b>Closed</b> to new interments, subject to Council approval. Burials allowed in existing reserves & plots. Instalments of vaults subject to Council approval	Reserve 184 Lot 219 on RN1422 184 Gladstone Road	01128-00000-000
Biloela	Lawn Cemetery	Lawn Cemetery Columbarium Wall Memorial garden	Reserve 304 Lot 297 on RN1017 216 Valentine Plains Road	05590-00000-000
Biloela	Pioneer Cemetery	<b>Closed</b>	Reserve 167 Lot 205 on RN1624 Gladstone Road	05519-00000-000
Cracow	Cracow Cemetery	Monumental Cemetery	Reserve 70	06739-00000-000



			Lot 10 on DW200 Eidsvold Theodore Road	
Jambin	Jambin Cemetery	Monumental Cemetery Columbarium Wall	Reserve 188 Lot 164 on RN509 Burnett Highway	04811-00000-000
Moura	Moura Cemetery	Lawn Cemetery Columbarium Wall	Reserve 126 Lot 96 on FN462 Moura-Theodore Road	06184-00000-000
Taroom	Taroom Cemetery	Monumental Cemetery Lawn Cemetery Columbarium Wall	Reserve 4 Lot 1 on C8276 13 Cromwell Street	70274-00000-000
Theodore	Theodore Cemetery	Monumental Cemetery Columbarium Wall	Reserve 71 Lot 435 on DW205 Woolthorpe Road	06553-00000-000
Theodore	Pioneer Cemetery	<b>Closed</b> to all interments	Reserve 30 Lot 436 on DW9063 Watsons Rd & Heinikes Rd	06506-00000-000
Wowan	Wowan Cemetery	Monumental Cemetery Columbarium Wall	Reserve 77 Lot 137 on RN132 77 Wowan Cemetery Road	12406-00000-000
Rannes	Pioneer Cemetery	<b>Closed</b> no sign of any graves	Lot 89 on PER192	13455-00000-000
Goovigen	Goovigen Cemetery	Monumental Cemetery Contact Goovigen Progress Assn	Reserve 197 Lot 170 on RN536 Lake Pleasant Road	04870-00000-000
Banana	Banana Cemetery	<b>Closed</b> to all new & addition interments Contact Banana & District Community Assoc	Reserve 183 Lot 142 on C898 Archer Terrace	00113-00000-000
Deeford	Old Wowan Cemetery	<b>Closed</b> - Burials relocated to current cemetery at Wowan	Lot 10 on D849 George Street	12403-00000-000

Council is responsible for maintaining the following Cemeteries and is committed to ensuring that the facilities are maintained to a high standard and in a manner that ensures available resources are effectively applied. Council will not repair monuments. Council shall take every care when maintaining the Cemetery but will not accept responsibility for any accidental or unintentional damage caused to monuments, memorials, photographs, vases, plastic/silk flowers or any other structure or any other item placed on a grave during routine operation and maintenance of the Cemetery.

### CEMETERIES

Town	Asset Type	Replacement Value	WDV @ 30/6/18 (\$)
Baralaba Cemetery	Fencing	41,652	21,601
	Other	35,000	27,906
	<b>Totals</b>	<b>76,652</b>	<b>49,507</b>
Biloela Lawn Cemetery	Fencing	20,432	16,251
	Other	60,452	44,699
	<b>Totals</b>	<b>80,884</b>	<b>60,950</b>
Biloela Old Cemetery	Fencing	21,250	16,902
	Other	16,000	6,357
	<b>Totals</b>	<b>37,250</b>	<b>23,259</b>
Cracow Cemetery	Fencing		
	Other		
	<b>Totals</b>	<b>0</b>	<b>0</b>
Jambin Cemetery	Fencing	24,113	15,695
	Other	20,000	11,946
	<b>Totals</b>	<b>44,113</b>	<b>27,641</b>
Moura Cemetery	Fencing	53,598	23,431
	Other	58,000	25,893
	<b>Totals</b>	<b>111,598</b>	<b>49,324</b>
Taroom Cemetery	Fencing		
	Other	24,000	19,135
	<b>Totals</b>	<b>24,000</b>	<b>19,135</b>
Theodore Cemetery	Fencing	57,500	45,734
	Other	35,000	27,906
	<b>Totals</b>	<b>92,500</b>	<b>73,640</b>
Wowan Cemetery	Fencing	16,595	9,880
	Other	35,000	20,906
	<b>Totals</b>	<b>51,595</b>	<b>30,786</b>
<b>TOTAL</b>		<b>518,592</b>	<b>334,243</b>



Machinery Washdown Facilities are provided to help prevent the spread of weed seeds by allowing drivers to remove weed seeds, soil and other foreign matter from vehicles and machines. It is an offence in Queensland to move or transport a vehicle on a road if it is known (or should be known) that it or its load is contaminated with a declared plant, unless the load is contained. Reference should be made to Council's fees & charges for rates to use the Washdown facilities. Below is a list of Council's Washdown facilities and their assets.

#### WASHDOWN BAYS

Town	Asset Type	Replacement Value	WDV @ 30/6/18 (\$)
Baralaba	Hardstand		
	Lighting	12,000	7,103
	Other	293,500	165,294
	Road	13,051	8,042
	<b>Totals</b>	<b>318,551</b>	<b>180,439</b>
Biloela	Hardstand		
	Lighting		
	Other	680,000	263,569
	Road	176,555	67,095
	<b>Totals</b>	<b>856,555</b>	<b>330,664</b>
Moura	Hardstand		
	Lighting	24,000	9,406
	Other	332,000	132,745
	Road	12,181	4,146.57
	<b>Totals</b>	<b>368,181</b>	<b>146,298</b>
Taroom	Hardstand		
	Lighting		
	Other	386,000	230,369
	Road		
	<b>Totals</b>	<b>386,000</b>	<b>230,369</b>
Theodore	Hardstand		
	Lighting	11,000	4,311
	Other	238,000	94,462
	Road	71,603	29,202
	<b>Totals</b>	<b>320,603</b>	<b>127,975</b>
<b>TOTAL</b>		<b>2,249,889</b>	<b>1,015,746</b>

Banana Shire Council compliance facilities include the animal management facility and pound and the rural service livestock facility in Biloela, the Taroom stockyard facility and various stock route facilities.

#### COMPLIANCE FACILITIES

Facility	Asset Type	Replacement Value	WDV @ 30/6/18
Biloela Rural Services Facility	Fencing	82,500	67,569
	Hardstand	5,418	4,422
	Other		
	<b>TOTAL</b>	<b>87,918</b>	<b>71,991</b>
Animal Management Facility and Pound	Fencing	22,500	13,396
	Hardstand		
	Other	52,000	25,580
	Road	17,355	5,123
	<b>TOTAL</b>	<b>91,855</b>	<b>44,099</b>
Taroom Stockyards	Fencing	480,000	237,783
	<b>TOTAL</b>	<b>480,000</b>	<b>237,783</b>
<b>TOTAL</b>		<b>659,773</b>	<b>353,873</b>

Please note that all buildings within these facilities are not included in this plan as they are accounted for in the Buildings Asset Management Plan.



### 3. LEVELS OF SERVICE

#### 3.1 LEVELS OF SERVICE FRAMEWORK

The Level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services.

#### 3.2 CURRENT LEVEL OF SERVICE

Community Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness.

Community levels of service are:

Quality	How good is the service?
Function	Does it meet users' needs?
Capacity/Utilisation	Is the service over or under used?

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

Service Criteria	Technical measures may relate to
Quality	Facility suitability
Quantity	Appropriate service capacity and frequency
Availability	Distance from a property to a facility
Safety	Number of injury accidents

Key performance measure	Level of service	Performance Measure Process	Performance Target
<b>COMMUNITY LEVELS OF SERVICE</b>			
QUALITY	Pools comply with regulations & guidelines Cemeteries are well maintained and fit for purpose Compliance Facilities are maintained for their intended purpose	Random internal audits for compliance	100% conformance
QUANTITY	Pool Capacities are not exceeded Sufficient burial plots available at Cemeteries Sufficient washdown bays at strategic localities within the shire Sufficient facilities to accommodate animals	Visual Inspection of numbers in pools at any one time Number of reported complaints	Sufficient space No complaints
AVAILABILITY	Distance to facilities	Number of reported complaints	No complaints
SAFETY	Provision of a safe swimming environment Cemeteries are safe to visit with no hazards or threats Person and animal safety at Compliance Facilities	Number of reported incidents/accidents	No Incidents/Accidents
<b>TECHNICAL LEVELS OF SERVICE</b>			
QUALITY	Pool water is treated to meet statutory requirements	Number of dirty water or odour complaints	No complaints
CONDITION	Facilities and equipment is reliable and well maintained	Inspect all assets regularly and prioritise and repair defects to ensure they are safe.	No complaints
FUNCTION	Provision of a reliable & entertaining swimming environment Cemeteries are well suited to their intended purpose A washdown facility is located within a reasonable distance of all residents	Number of reported complaints	No complaints
SUSTAINABILITY	Facilities are managed with respect to future generations Facilities managed with energy efficient power supply	Sustainability principals are incorporated into the design of all new and upgraded facilities	Designs incorporate energy efficiency principles



### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. This will be developed in future revisions of this asset management plan.

In terms of available infrastructure, the levels of service provided at the Environmental Health Facilities are historic, and are not based on any current survey or other research into the needs of the users.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively promoted by letter box drops, council and community newsletters and brochures, Council's web page and newspapers circulating in the shire.

From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.

## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during construction of pathways and walking routes.
Climate change	There is continuing discussion about changing climatic conditions, increased rainfall, fluctuations in wet/dry season and periods. Continued variation in weather patterns and extremes is forecast to occur. This is likely to impact on the condition of assets, place pressure on asset lifecycle costs and potentially reduce asset life, e.g. increased moisture in ground and road pavements. There is also potential for more frequent asset failure.		Council continues to monitor conditions and apply for NDRRA funding following severe weather events.

### 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand. Demand management practices include non-asset solutions, insuring against risks and managing failures.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets, and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures.



Technology changes are forecast to affect the delivery of services in the areas outlined below

Technology change	Effect of service delivery
Environmentally sustainable forms of energy	The ability to incorporate and use alternate energy sources and to include energy saving devices within the main Council sites, Increased costs from installation but improved energy usage costs over time.
Sustainable waste water system	The ability to incorporate and waste water systems which collect and re-use water within the sites, decreasing the demand on the potable water supply/costs.
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Construction methods and materials	Technology changes are forecast to affect the delivery of services including plant, equipment and product improvements to allow for more cost and time efficient construction.

## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.

RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, huge \$ cost
Almost Certain Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
Likely Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
Possible Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
Unlikely Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
Rare May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:

Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above



## 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Pools - Tiles losing adhesion in isolated patches	Possible	Moderate	13	Prioritise capital and maintenance works based on condition
Animal safety compromised at the animal management/ pound and livestock facilities	Possible	Major	18	Ensure the facilities are maintained. Prioritise capital and maintenance works based on condition
Incident – leading to personal injuries and/or damage to equipment	Possible	Catastrophic	22	Undertake regular safety inspections and maintenance regimes to ensure equipment is safe to use
Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Inappropriate asset and service management	Possible	Major	18	Provide appropriate skills and training

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of most assets covered by this plan will depend on a range of environmental factors. The useful lives given below were determined in the 2018 revaluation.

Asset Class	Asset Type	Useful Lives	Current Year Depreciation (2018)
<b>Pools</b>	BBQ	20 years	
	Fencing	35 years	
	Lighting	20 years	
	Other	20 - 60 years	
	Playground Equipment	20 years	
	Pool	40 years	
	<b>TOTAL</b>		<b>229,305</b>
<b>Cemeteries</b>	Fencing	35 years	
	Other	20, 40 years	
	<b>TOTAL</b>		<b>8,385</b>
<b>Washdown Bays</b>	Fencing	20, 40 years	
	Hardstand	20 - 60 years	
	Lighting	25 years	
	Other	7 - 80 years	
	Road	40 - 60 years	
	Fencing	20, 40 years	
	Structures	20 - 50 years	
	<b>TOTAL</b>		<b>80,633</b>
<b>Compliance Facilities</b>	Fencing	20, 40 years	
	Hardstand	20 - 60 years	
	Other		
	Road	40 - 60 years	
	<b>TOTAL</b>		<b>16,726</b>
<b>TOTAL</b>			<b>335,049</b>



## 6.2 CURRENT CONDITION OF ASSETS

Asset condition is monitored by investigative work, visual inspection, and asset failure.

Condition Scoring System – Banana Shire Council currently uses the following 5 point condition scoring system when assessing assets.

### Condition Rating Criteria

1	As new condition, no visible signs of wear and tear or defect
2	In good condition with some obvious signs of wear and tear but no evidence of deterioration
3	In fair condition, minor evidence of deterioration of an element which could potentially shorten life
4	In poor condition with evidence of minor isolated failure in an element which will reduce future life, maintenance costs high
5	Total failure of the element, extreme risk in leaving asset in service

Typically aerodrome assets with condition scores of 4 or higher will be considered for inclusion in a renewal program.

### Total replacement value of assets in the following conditions (\$)

Asset Class	Asset Type	CONDITION RATING				
		1	2	3	4	5
Pools	BBQ		12,000			
	Fencing		14,450	77,625		
	Lighting		90,000	40,000		
	Other	84,000	70,206	151,709		
	Playground Equipment		42,770	32,500		
	Pool	3,485,000	5,055,000			
	<b>TOTAL</b>	<b>3,569,000</b>	<b>5,284,426</b>	<b>301,834</b>	<b>0</b>	<b>0</b>
Cemeteries	Fencing	143,543	34,859	11,613	45,125	
	Other	119,452	90,000	74,000		
	<b>TOTAL</b>	<b>262,995</b>	<b>124,859</b>	<b>85,613</b>	<b>45,125</b>	<b>0</b>
Washdown Bays	Lighting		12,000	35,000		
	Other			552,000	1,192,000	185,500
	Road			273,389		
	<b>Totals</b>	<b>0</b>	<b>12,000</b>	<b>860,389</b>	<b>1,192,000</b>	<b>185,500</b>
Compliance Facilities	Fencing	72,000	22,500	480,000	10,500	
	Other		26,000	26,000		
	Road		22,773			
	<b>TOTAL</b>	<b>72,000</b>	<b>71,273</b>	<b>506,000</b>	<b>10,500</b>	<b>0</b>
<b>TOTAL</b>		<b>3,903,995</b>	<b>5,492,558</b>	<b>1,753,836</b>	<b>1,247,625</b>	<b>185,500</b>

## 6.3 MAINTENANCE & OPERATIONS PROGRAMS

### 6.3.1 Service Summary

Councils Environmental Health Facility assets must be properly maintained so that they continue to support the delivery of a wide range of council services which fulfil the social, economic and environmental needs of the community

For the purpose of this Plan, maintenance is defined as work on existing infrastructure undertaken with the intention of:

- Preventing further deterioration
- Restoring correct operation within specified parameters
- Making temporary repairs for immediate health, safety and security reasons
- Assessing assets for maintenance requirements

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function and value to the community



- All statutory and technical requirements to ensure health, safety, security and reliability are met

### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from Council's maintenance budget

Planned maintenance consists of preventative, statutory, and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of the asset is below acceptable standards.

Unplanned (often referred to as reactive) maintenance occurs when failure of an asset or component requires immediate attention. It is usually limited to rectification for function, health, safety or security reasons. Assessment and prioritisation of reactive maintenance is undertaken by Council staff using experience and judgement

### 6.3.3 Operation and Maintenance Program Costs

The following information has been compiled from the general ledger in Councils financial system.

#### OPERATIONAL COSTS

	Job Number	2013-14	2014-15	2015-16	2016-17	2017-18	Budget 2018-19
<b>Pools</b>							
POOL BILO -Operation Exp	3703.2380.0000	272,823	269,626	274,640	272,482	276,242	220,000
POOL MOURA -Operation Exp	3709.2380.0000	235,919	252,881	244,979	338,668	242,698	210,000
POOL TAROOM -Operation Exp	3710.2380.0000	60,685	59,362	69,723	74,241	104,366	80,000
<b>Total</b>		<b>569,427</b>	<b>581,869</b>	<b>589,342</b>	<b>685,391</b>	<b>623,306</b>	<b>510,000</b>
<b>Cemeteries</b>							
Cemetery - Banana - Oper Exp	5340.2380.0001		162	441	396	399	
Cemetery - Baralaba- Oper Exp	5340.2380.0002	12,442	24,902	24,631	29,094	15,069	
Cemetery - Biloela Lawn - Oper Exp	5340.2380.0003	98,166	101,904	85,874	68,595	76,393	
Cemetery - Cracow- Oper Exp	5340.2380.0005	1,615	5,578	37,103	2,784	3,125	
Cemetery - Goovigen- Oper Exp	5340.2380.0007	5,024	15,099	30,574	17,032	14,683	
Cemetery - Jambin- Oper Exp	5340.2380.0008	10,246	22,636	32,993	22,703	29,191	
Cemetery - Moura- Oper Exp	5340.2380.0009	37,527	30,621	36,707	36,301	30,296	
Cemetery - Taroom- Oper Exp	5340.2380.0010	46,613	44,487	27,362	46,957	51,991	
Cemetery - Theodore- Oper Exp	5340.2380.0012	16,420	34,805	30,204	24,220	23,089	
Cemetery - Wowan- Oper Exp	5340.2380.0013	2,517	14,985	6,489	3,924	4,683	
Cemetery - Biloela Old- Oper Exp	5340.2380.0023	9,653	22,508	22,337	14,433	26,457	
Cemetery - Funeral Service- Oper Exp	5340.2380.0025	14,935	11,599	24,598	15,175	3,864	
<b>Total</b>		<b>255,158</b>	<b>329,286</b>	<b>359,313</b>	<b>281,614</b>	<b>279,240</b>	<b>240,000</b>
<b>Washdown Bays</b>							
Wash Baralaba - Op Exp	6302.2380.0000	9,532	7,166	8,887	7,500	7,062	10,000
Wash Biloela - Op Exp	6303.2380.0000	1,732	4,378	15,554	5,041	7,987	35,000
Wash Moura - Op Exp	6309.2380.0000		1,169	1,900	31	7,987	20,000
Wash Taroom - Op Exp	6310.2380.0000	1,530	287	2,872	2,428	2,943	35,000
Wash Theodore - Op Exp	6312.2380.0000			643	118	151	8,500
<b>Total</b>		<b>12,794</b>	<b>13,001</b>	<b>29,856</b>	<b>15,118</b>	<b>26,130</b>	<b>108,500</b>
<b>Compliance Facilities</b>							
Animal Control Operating Expenses	3170.2380.0000	38,620	45,923	64,116	94,384	56,121	55,000
Taroom Saleyards&Dip Operating Exp	3165.2380.0000	59,793	80,127	110,958	59,705	39,000	50,000
Stock Routes Operating Expenses	3160.2380.0000	20,134	35,455	4,905	7,271	8,130	10,000
Land Protection Operating Expenses	3150.2380.0000	254,759	457,582	348,430	148,613	159,815	200,000
<b>Total</b>		<b>373,306</b>	<b>619,087</b>	<b>528,409</b>	<b>309,973</b>	<b>263,066</b>	<b>315,000</b>
<b>TOTALS</b>		<b>1,210,685</b>	<b>1,543,242</b>	<b>1,506,920</b>	<b>1,292,096</b>	<b>1,191,742</b>	<b>1,173,500</b>



## MAINTENANCE COSTS

	Job Number	2013-14	2014-15	2015-16	2016-17	2017-18	Budget 2018-19
<b>Pools</b>							
POOL BILO -Maintenance Exp	3703.2480.0000	48,048	104,131	55,089	41,526	53,077	40,000
POOL MOURA -Maintenance Exp	3709.2480.0000	32,694	33,813	18,437	41,840	40,814	45,000
POOL TAROOM -Maintenance Exp	3710.2480.0000	40,553	26,138	1,515	20,864	7,154	16,000
<b>Total</b>		<b>121,295</b>	<b>164,082</b>	<b>75,041</b>	<b>104,230</b>	<b>101,045</b>	<b>101,000</b>
<b>Washdown Bays</b>							
Wash Baralaba - Mtce Exp	6302.2480.0000	16,195	15,543	17,746	7,037	10,369	7,500
Wash Biloela - Mtce Exp	6303.2480.0000	45,468	33,552	52,914	31,036	22,776	5,000
Wash Moura - Mtce Exp	6309.2480.0000	19,178	14,753	14,843	24,250	21,660	5,000
Wash Taroom - Mtce Exp	6310.2480.0000	57,317	59,400	58,073	46,725	45,347	3,500
Wash Theodore - Mtce Exp	6312.2480.0000	10,176	11,675	9,471	8,764	21,916	3,500
<b>Total</b>		<b>148,334</b>	<b>134,923</b>	<b>153,047</b>	<b>117,812</b>	<b>122,068</b>	<b>24,500</b>
<b>Compliance Facilities</b>							
Land Protection Maintenance Expenses	3150.2480.0000			1,419		24	
Animal Control Maintenance Expenses	3170.2480.0000			7,700		524	
<b>Total</b>				<b>9,119</b>		<b>548</b>	<b>5,000</b>
<b>TOTALS</b>		<b>269,629</b>	<b>299,005</b>	<b>237,207</b>	<b>222,042</b>	<b>223,661</b>	<b>130,500</b>

### 6.4 ASSET RENEWAL PROGRAM

Renewal expenditure is major work which does not increase the asset's design capacity but generally restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Asset renewal and replacement is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements

It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.

The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

- Age
- Material
- Safety
- Failure frequency

Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in for council's 10 Year Capital Works Program.

Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

Environmental Health Facility Infrastructure Renewal Expenditure - The table below shows the amounts set aside for Environmental Health Facility infrastructure renewal in Council's 10 Year Forecast. Please refer to Appendix A for the detailed renewal programme.



**Planned Renewal Expenditure (\$)**

Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Pools	160,000	225,000	435,000	55,000	150,000	120,000	120,000	120,000	120,000	120,000
Cemeteries	-	-	-	-	-	-	-	-	-	-
Washdown Bays	35,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Compliance facilities	85,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
<b>TOTAL RENEWAL</b>	<b>280,000</b>	<b>270,000</b>	<b>90,000</b>	<b>80,000</b>	<b>195,000</b>	<b>165,000</b>	<b>165,000</b>	<b>165,000</b>	<b>65,000</b>	<b>165,000</b>

**6.5 ASSET ACQUISITION****6.5.1 New, Additional or Upgrade Asset Program / Costs**

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.

New assets and upgrade/expansion of existing assets are identified from various sources, such as Councilor or community requests, proposals identified by strategic plans or partnerships with other organisations.

Candidate proposals are inspected to verify need and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in future works programs.

**Capital Investment Strategies**

Council will plan capital upgrade and new projects to meet level of service objectives by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner
- Undertake project scoping for all capital upgrade/new projects to identify:
  - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
  - the project objectives to rectify the deficiency, including value management for major projects
  - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
  - management of risks associated with alternative options
  - and evaluate the options against evaluation criteria adopted by Council, and select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure the organisation is obtaining best value for resources used.

Environmental Health Facility Infrastructure Construction & Acquisition - The table below shows the amounts required for Environmental Health Facility infrastructure renewals, upgrades and the construction of new infrastructure in Council's Ten Year Financial Forecast.

**10 Year Renewal/ Upgrade/ New Assets Plan (\$)**

Asset Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Pool Renewal	160,000	225,000	435,000	75,000	150,000	120,000	120,000	120,000	120,000	120,000
Pool Upgrade	-	30,000	-	-	100,000	120,000	120,000	120,000	120,000	120,000
Pool New	-	-	-	-	-	120,000	-	120,000	-	-
Cemetery Renewal	-	-	-	-	-	-	-	-	-	-
Cemetery Upgrade	25,000	25,000	45,000	145,000	25,000	25,000	145,000	50,000	145,000	25,000
Cemetery New	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000
Washdown Bays Renewal	35,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Washdown Bays Upgrade	-	-	-	-	-	-	-	-	-	-
Washdown Bays New	-	-	-	-	-	-	-	-	-	-
Compliance Facilities Renewal	85,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Compliance Facilities Upgrade	-	-	50,000	-	-	-	-	-	-	-
Compliance Facilities New	-	-	-	-	-	-	-	-	-	-
<b>TOTALS</b>	<b>350,000</b>	<b>370,000</b>	<b>230,000</b>	<b>270,000</b>	<b>365,000</b>	<b>475,000</b>	<b>475,000</b>	<b>500,000</b>	<b>475,000</b>	<b>355,000</b>



## 6.6 ASSET DISPOSAL

A quality portfolio of assets should efficiently, effectively and economically sustains delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of Environmental Health Facility assets must be based on sound evaluations that fully reflect council's service delivery goals. At this point in time no disposals are planned.

## 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be recognised as a key driver during the design process. Evidence suggests that good design/construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

### 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Environmental Health Facilities Valuation figures below were extracted from the Assetic Reconciliation Report as at 30<sup>th</sup> June 2018

Asset Category	Asset Type	Replacement Value	WDV @ 30/6/18
<b>Pools</b>	BBQ	12,000	7,103
	Fencing	92,075	40,740
	Lighting	130,000	74,349
	Other	263,915	135,345
	Playground Equipment	117,270	79,814
	Pool	8,540,000	5,630,989
	<b>TOTAL</b>	<b>9,155,260</b>	<b>5,968,340</b>
<b>Cemeteries</b>	Fencing	235,140	149,495
	Other	283,452	184,747
	<b>TOTAL</b>	<b>518,592</b>	<b>334,243</b>
<b>Washdown</b>	Lighting	47,000	20,820
	Other	1,929,500	886,440
	Road	273,389	108,486
	<b>TOTAL</b>	<b>2,249,889</b>	<b>1,015,746</b>
<b>Compliance Facilities</b>	Fencing	585,000	318,748
	Hardstand	5,418	4,422
	Other	52,000	25,580
	Road	17,355	5,123
	<b>TOTAL</b>	<b>659,773</b>	<b>353,873</b>
<b>TOTAL</b>		<b>12,583,514</b>	<b>7,672,202</b>

### 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.



	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
<b>Operational</b>	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500	1,173,500
<b>Maintenance</b>	130,500	130,500	130,500	130,500	130,500	130,500	130,500	130,500	130,500	130,500
<b>Renewals</b>	280,000	270,000	90,000	80,000	195,000	165,000	165,000	165,000	165,000	165,000
<b>Upgrades</b>	25,000	55,000	95,000	145,000	125,000	145,000	265,000	170,000	265,000	145,000
<b>New Assets</b>	45,000	45,000	45,000	45,000	45,000	165,000	45,000	165,000	45,000	45,000
<b>TOTAL</b>	<b>1,654,000</b>	<b>1,674,000</b>	<b>1,534,000</b>	<b>1,574,000</b>	<b>1,669,000</b>	<b>1,779,000</b>	<b>1,779,000</b>	<b>1,804,000</b>	<b>1,779,000</b>	<b>1,659,000</b>

### 7.3 FUNDING STRATEGY

Renewals and upgrades are to be funded from Council's Capital Works Program and grants where available.

## 8. ASSET MANAGEMENT PRACTICES

### 8.1 ACCOUNTING FINANCIAL SYSTEM

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for asset depreciation.

### 8.2 ASSET MANAGEMENT SYSTEM(S)

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (Map Info) and have the same asset ID number as Assetic. A hot link is being developed to link Assetic & Map Info. All asset financial and inventory data is recorded in Assetic.

### 8.3 PERFORMANCE MEASURES

#### 8.3.1 Service Standards

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into Council's long term financial plan.
- Informed decisions on expenditure allocations with regard to levels of service.

### 8.4 IMPROVEMENT PROGRAM

Actions	Responsible Officer	Date Required	Priority
Refine Environmental Health asset data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives	Principal Environment and Land Management Officer, Asset Management Coordinator, Manager Financial Services	30/12/18 COMPLETED	
Link assets in Assetic to GIS Assets are linked to Facilities and all Facilities have been mapped	GIS Officer	30/12/18 COMPLETED	
Refine pool, cemetery and compliance facility operational and maintenance costs	Manager Financial Services	30/12/18 COMPLETED	
Review this report and action plan	Asset Management Coordinator	30/12/19	1

#### 8.4.1 Monitoring and Review Process & Procedures

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.



## 9. APPENDICES

### APPENDIX A

2019-20						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	60,000				50m dosing system replacement (\$30K)& dolphin cleaner replacement (\$30K)
Pools	Biloela pool	60,000				Raise wading pool to consistant level at Biloela
Pools	Moura pool	40,000				Replace old woodern seating & shelters that is damaged with new aluminium seating & shelters & concrete BBQ area
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Washdown Bays	Washdown Bays	20,000				CCTV at Taroom and Moura Washbays
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				Ensure facilities provide same level of service
Compliance Facilities	Pound Kennels	55,000				Resurface Biloela Pound floors and walls - Animal welfare, prevention of parvo outbreak etc
<b>Total</b>		<b>280,000</b>	<b>-</b>	<b>25,000</b>	<b>45,000</b>	
2020-21						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	60,000		10,000		Check sand filters, replace if required (\$30K) Wading pool filter system replacement (\$15K) installation of automatic chemical dosing system (\$10) 25m pool blanket replacement (\$15K)
Pools	Biloela pool	100,000				50m pool - cut scum gaurds to allow water into pool
Pools	Moura pool	50,000		10,000		Check sand filters, replace if required (\$30) Replace starting blocks 50m pool (\$20K) installation of automatic chemical dosing system (\$10)
Pools	Taroom Pool	15,000		10,000		Outdoor furniture upgrade installation of automatic chemical dosing system (\$10)
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
<b>Total</b>		<b>270,000</b>	<b>-</b>	<b>55,000</b>	<b>45,000</b>	
2021-22						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Moura pool	25,000				Replacement Dolphin cleaner 50m pool (\$25K)
Pools	Taroom Pool	20,000				Sand filters to be check and replaced if necessary
Cemeteries	Biloela Cemetery			20,000		Minor upgrades
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
Compliance Facilities	Upgrade Pound & Animal Shelter			50,000		upgrade of facilities
<b>Total</b>		<b>90,000</b>	<b>-</b>	<b>95,000</b>	<b>45,000</b>	
2022-23						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	20,000				Wading pool tile replacement around edges (\$10K) Upgade fencing (\$10K)
Pools	Taroom Pool	15,000				Dolphin pump replacement
Cemeteries	Biloela Cemetery			120,000		Prepare new burial areas (beams section 2 x 20)
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
<b>Total</b>		<b>80,000</b>	<b>-</b>	<b>145,000</b>	<b>45,000</b>	



2023-24						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	20,000				Replace starting blocks 50m pool (\$20)
						Filter sand replacement (\$50K)
Pools	Biloela pool	60,000		30,000		Replace tanks for sodium hypchlorite (\$10K)
Pools	Moura pool	50,000		50,000		Upgrade outdoor area, install BBQ area furniture & Landscaping (\$30K)
Pools	Taroom Pool	20,000		20,000		General upgrades & improvements
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
	<b>Total</b>	<b>195,000</b>	<b>-</b>	<b>125,000</b>	<b>45,000</b>	
2024-25						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	50,000		50,000	50,000	General upgrades & improvements
Pools	Moura pool	50,000		50,000	50,000	General upgrades & improvements
Pools	Taroom Pool	20,000		20,000	20,000	General upgrades & improvements
Cemeteries	Other Cemeteries			25,000	30000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
	<b>Total</b>	<b>165,000</b>	<b>-</b>	<b>145,000</b>	<b>165,000</b>	
2025-26						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	50,000		50,000		General upgrades & improvements
Pools	Moura pool	50,000		50,000		General upgrades & improvements
Pools	Taroom Pool	20,000		20,000		General upgrades & improvements
Cemeteries	Biloela Cemetery			120,000		Prepare new burial areas (beams section 2 x 20)
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
	<b>Total</b>	<b>165,000</b>	<b>-</b>	<b>265,000</b>	<b>45,000</b>	
2026-27						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	50,000		50,000	50,000	General upgrades & improvements
Pools	Moura pool	50,000		50,000	50,000	General upgrades & improvements
Pools	Taroom Pool	20,000		20,000	20,000	General upgrades & improvements
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries			25,000	15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
	<b>Total</b>	<b>165,000</b>	<b>-</b>	<b>170,000</b>	<b>165,000</b>	
2027-28						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	50,000		50,000		General upgrades & improvements
Pools	Moura pool	50,000		50,000		General upgrades & improvements
Pools	Taroom Pool	20,000		20,000		General upgrades & improvements
Cemeteries	Biloela Lawn Cemetery			120,000		Prepare new burial areas (beams section 3)
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
	<b>Total</b>	<b>165,000</b>	<b>-</b>	<b>265,000</b>	<b>45,000</b>	



2028-29						
Locality	Asset Name	Renewal	Upgrade Renewal	Upgrade New	New	Discription of Work
Pools	Biloela pool	50,000		50,000		General upgrades & improvements
Pools	Moura pool	50,000		50,000		General upgrades & improvements
Pools	Taroom Pool	20,000		20,000		General upgrades & improvements
Cemeteries	Other Cemeteries			25,000	30,000	Concrete beams fencing/signage
Cemeteries	Other Cemeteries				15,000	Signs and display boards for cemeteries that are yet to be ordered
Washdown Bays	Wash Bay Pump Replacement	15,000				Replace when pump fails
Compliance Facilities	Stock Route Facilities Upgrade	15,000				Agreement with State Govt to ensure same level of service provided at these facilities
Compliance Facilities	Cattle Tick Yard Improvements	15,000				ensure facilities provide same level of service
<b>Total</b>		<b>165,000</b>	<b>-</b>	<b>145,000</b>	<b>45,000</b>	<b>-</b>



# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN FOR FLEET**





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Adopted by

For review December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	January 2018	Asset Management Coordinator	26/4/18
2	January 2019	Asset Management Coordinator	
3			
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all fleet assets under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the community. Fleet assets are provided to facilitate services to the community.

### 1.2 SUMMARY

Council provides vehicles and plant to enable services to be delivered for the community in the most cost effective way. This plan is intended to demonstrate how council will achieve this outcome by applying the principles of responsible asset management.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Due to the diversity of Councils services the useful life of our vehicles and plant varies dependant on how it is being used.

Council plans to operate and maintain its fleet assets to achieve the following strategic objectives.

- Ensure that its fleet is maintained at a safe and functional standard
- Ensure that its fleet delivers the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of fleet is achieved through best appropriate practices.

### 1.3 INPUTS TO LONG TERM FINANCIAL PLAN

The table below is a total of the assets recorded in the Fleet category in Assetic. Council has State Emergency Service Plant on its register but as council does not control these vehicles and plant these will be excluded from this Asset Management Plan. Office Furniture and Equipment is also recorded in the Fleet category in Assetic but has been excluded from this plan. This asset management plan covers the Fleet **Asset Class** only (Highlighted in grey below)

Asset Class	Asset Sub Class	Quantity	Replacement Cost (\$)	WDV @ 30/6/18 (\$)
Fleet	Fleet	140	4,139,390	2,098,070
Fleet	Minor Plant	519	3,274,437	1,835,052
Fleet	Major Plant	161	14,134,640	7,610,450
<b>SUB TOTAL</b>		<b>820</b>	<b>21,710,618</b>	<b>12,193,958</b>
Furniture & Equipment		3	2,858,410	80,985
SES		27	28,242	4,500
<b>TOTAL</b>		<b>850</b>	<b>24,408,914</b>	<b>12,273,893</b>

There are two key indicators of cost to provide the services provided by the fleet assets identified in this plan. The maintenance and operational costs and renewal costs. Councils 2018-19 total maintenance and operational budgets are:

Operational	\$2,000,000
Maintenance	\$1,450,000

The table below shows the amounts set aside for fleet renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system. Maintenance and Operational expenditure is based on the current budgeted figures.



	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
<b>Operational</b>	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
<b>Maintenance</b>	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000
<b>Renewals</b>	2,630,435	3,009,486	3,525,707	3,984,764	2,952,042	3,192,170	2,612,867	2,973,780	2,982,399	2,956,131
<b>Upgrades</b>										
<b>New Assets</b>										
<b>TOTAL</b>	<b>6,080,435</b>	<b>6,459,486</b>	<b>6,975,707</b>	<b>7,434,764</b>	<b>6,402,042</b>	<b>6,642,170</b>	<b>6,062,867</b>	<b>6,423,780</b>	<b>6,432,399</b>	<b>6,406,131</b>

## 2. INTRODUCTION

### 2.1 BACKGROUND

#### Our Vision

“Shire of Opportunity”

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Fleet Asset & Services Management Plan is the link between the Councils corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### 2.2 CORPORATE AND STRATEGIC DIRECTIONS

Council provides funding for a plant replacement program and this Asset Management Plan will assist to operate and maintain the fleet to achieve the following tactical objectives.

1. Most economically advantageous life cycle costs.
2. Provide and actively seek emerging safety features in the acquisition of new items, while ensuring the fleet is maintained at a safe and functional standard.
3. Seek reductions in the emissions from fuels, vehicle components, oils and service methods in line with a compliant and sustainable future.
4. Meet the functional requirements of the operation while enhancing productivity and personal attributes.
5. Limit exposure to fuel sustainability and price risks.
6. Reduction in Risk exposure to council by providing ongoing evaluating; safe plant, equipment and maintenance.

### 2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS

Council has State Emergency Service Plant on its register but as council does not control these vehicles and plant these will be excluded from this Asset Management Plan. Office Furniture and Equipment is also recorded in the Fleet category in Assetic but has been excluded from this plan. This asset management plan covers the Fleet Asset Class only.

The Fleet Asset Class is comprised of the following sub classes and asset types



Asset Sub Class	Asset Sub Type	Quantity	Useful Life	Replacement Value	WDV @ 30/6/18
<b>Fleet</b>	Sedans & Wagons	33	4 years	930,171	499,935
	Utility 4x2	38	4 years	935,679	421,232
	Utility 4x4	69	4 years	2,273,540	1,176,903
	<b>TOTAL</b>	<b>140</b>		<b>4,139,390</b>	<b>2,098,070</b>
<b>Major Plant</b>	Backhoes/Excavators	5	15 years	530,500	398,421
	Compactor	1	15 years	242,400	197,183
	Graders	12	15 years	2,431,954	1,774,432
	Loaders	6	15 years	1,073,509	540,644
	Road Reclaimer	1	15 years	701,950	486,878
	Rollers	13	10 - 15 years	824,676	523,959
	Skid Steer/Bobcat	14	5 - 15 years	91,151	52,174
	Tractors	9	10 - 15 years	620,444	362,888
	Trailers	13	10 years	644,351	188,309
	Trucks	87	10-25 years	6,973,704	3,085,562
	<b>TOTAL</b>	<b>161</b>		<b>14,134,640</b>	<b>7,610,450</b>
<b>Minor Plant</b>	ATV/mc	6	4 - 10 years	46,429	20,474
	Blowers	21	10 years	1,862	1,089
	Brush/Hedge	54	10 years	1,785	1,046
	Cameras	27	10 years	321,813	251,170
	Compressors	29	4 - 25 years	34,927	10,251
	Forklifts	9	10 - 15 years	234,725	129,905
	Generators	16	10 years	105,867	80,963
	Misc	76	4 - 20 years	1,057,342	514,030
	Mowers push	20	10 years	3,664	2,274
	Plate comp	10	10 years	29,347	12,412
	Pressure cleaners	13	10 years	13,844	5,094
	Pumps	26	10 years	52,771	17,305
	Ride-on Mowers	32	4 - 10 years	613,301	345,867
	Rotary brooms	4	10 - 25 years	17,865	3,404
	Saws	45	10 years	4,299	2,623
	Slashers	9	10 years	36,542	19,793
	Spray units	22	10 years	67,669	54,980
	Tanks F/W	24	10 - 20 years	95,155	52,056
	Traffic Lights / VMS	20	5 - 20 years	69,151	36,054
	Trailers	50	10 - 20 years	449,937	271,200
	Workstations	6	10 years	16,143	3,220
	<b>TOTAL</b>	<b>519</b>		<b>3,274,437</b>	<b>1,835,209</b>
<b>TOTAL</b>		<b>820</b>		<b>21,548,467</b>	<b>11,543,729</b>

### 3. LEVELS OF SERVICE

#### 3.1 LEVELS OF SERVICE FRAMEWORK

The level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services.

#### 3.2 CURRENT LEVEL OF SERVICE

Community Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness. Community levels of service are:

Quality	How good is the service
Function	Does it meet users' needs
Capacity/Utilisation	Is the service over or under used

Supporting the community service levels are operational or technical measures of performance



developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

#### Service Criteria

Quality  
Quantity  
Availability  
Safety

#### Technical measures may relate to

Sufficient Plant & Equipment to perform tasks  
Plant and Equipment is well maintained  
Sufficient Plant & Equipment is available to perform tasks  
No defects to create dangerous situations

Key performance measure	Level of service	Performance Measure Process
<b>COMMUNITY LEVELS OF SERVICE</b>		
QUALITY	Provide Plant and Equipment which is operational, clean and well maintained	Maintenance Failures Labour Rates Scheduled/unscheduled maintenance ratio Supervisor inspection of plant Provide sufficient resources to provide adequate and safe plant.
FUNCTION / CAPACITY / UTILISATION	Provide sufficient Plant and Equipment assets to perform services to meet the communities desired levels of services  Maximise utilisation rates  Identify policy restrictions that are reducing plant utilisation rates	Specification for equipment meets operator needs  Distance travelled Plant hours Service intervals Optimised renewal
<b>TECHNICAL LEVELS OF SERVICE</b>		
QUANTITY	Provide sufficient Plant and Equipment assets to perform the require services	Specification for equipment meets operator needs
SAFETY	Ensure assets are operated, maintained, serviced and repaired to industry standards.  Plant causes no harm to the operator, public or the environment	Accidents/injuries/near miss statistics Risk inspection at time of purchase  Provide sufficient resources to provide adequate and safe plant.
CONDITION	The Plant & Equipment is maintained in fair-good condition.	Inspect all Plant & Equipment regularly and prioritise and repair defects to ensure they are safe. Perform regular services and programed maintenance.
SUSTAINABILITY	Minimise whole of life costs	Fixed/variable costs Internal hire rates

### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. Development of KPI's on fleet and workshop performance, including feedback surveys from staff will provide a more robust indication of desired level of services of Councils fleet assets.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively



promoted by letter box drops, council and community newsletters and brochures, council's web page and newspapers circulating in the shire.

From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.

## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during construction of pathways and walking routes.
Climate change	There is continuing discussion about changing climatic conditions, increased rainfall, fluctuations in wet/dry season and periods. Continued variation in weather patterns and extremes is forecast to occur. This is likely to impact on the condition of assets, place pressure on asset lifecycle costs and potentially reduce asset life, e.g. increased moisture in ground and road pavements. There is also potential for more frequent asset failure.		Council continues to monitor conditions and apply for NDRRA funding following severe weather events.

### 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets, and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures. Examples of non-asset solutions include providing services from existing infrastructure such as aquatic centres and libraries that may be in another community area, or public toilets provided in commercial premises.

Technology changes are forecast to affect the delivery of services in the areas outlined below

Technology change	Effect of service delivery
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Equipment technology increasing	Change in equipment will provide increased capacity and efficiency, better fuel efficiency and operator comfort and safety

## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.



RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, huge \$ cost
Almost Certain Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
Likely Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
Possible Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
Unlikely Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
Rare May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:

Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above

## 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Aging fleet or technical obsolescence resulting in :  High incidence of breakdowns  Increased maintenance costs  Increased downtime  Increase product costs and poor efficiency  Work programs run behind schedule	Possible	Major	18	Service in accordance with manufactures requirements  Investigate and replace equipment at optimal time to give the lowest lifecycle cost  Regular condition assessment of key equipment to assist in predicting maintenance and renewal needs  Maintenance is managed appropriately at an operational level
Plant and Equipment reduced Safety resulting from Underfunding renewals in the future	Possible	Catastrophic	22	Investigate and replace equipment at optimal time to give the lowest lifecycle cost and improved safety
Compliance Issues related to Heavy haulage, WHS, Systems	Likely	Catastrophic	24	Risk exposure to duty of Care, Criminal Manslaughter and Industrial Manslaughter. Purchase and adopt - LGMS Fleet Risk Management Guidelines 2018. Upgrade Fleet Management software.



Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Inappropriate asset and service management	Possible	Major	18	Provide sufficient resourcing of plant Mechanics and service Personal. Provide appropriate skills and training. Upgrade Fleet Management software.

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of the plant and vehicles varies from as low as four years for high use regular turnover work utilities and vehicles for coordinators and managers to large plant that are kept for 15 years and minor plant including trailers, mowers, forklifts, etc. that may be kept longer.

Asset Sub Class	Useful Lives	Current Year Depreciation (2019)
Fleet	4 years	\$ 350,699
Minor Plant	5 – 15 years	\$ 206,681
Major Plant - Critical	4-25 years	\$ 558,931
Major Plant – Not Critical	4-15 years	
Furniture & Equipment		\$ 82,551
SES	10 years	
<b>Total</b>		<b>\$ 1,198,862</b>

#### 6.1.1 Plant Vehicle Replacement Criteria

<b>Step One</b>		
<b>Score - used to prioritise a list.</b>		
1 point per year		
1 point per 1000Hrs		
1 point per 1000Ks		
<b>Step Two</b>		
<b>Plant Type</b>	<b>Meter Reading</b>	<b>Age</b>
Graders	7000 - 9000 Hrs	9yrs max
Prime mover 450hp+	800,000-1,000,000Kms	12yrs max
Tippers truck w dog	350,000-450,000Kms	8yrs max
Medium trucks	350,000-450,000	10yrs
Maintenance - job trucks	350,000-450,000	10yrs
Rigid Water Trucks	350,000-450,001	8-10yrs max
Wheel Loaders	6000 - 8000 Hrs	10yrs
Rollers	6000 - 8000 Hrs	12-15yrs
Tractors	6000 - 7000 Hrs	10yrs
Trailers	Subject to annual inspection	10-15 yrs
Pressure Vessels	Subject to annual inspection	10-12yrs max
Unloader Cranes	Require Major Rebuild	10yrs max
Utilities / Vehicles	200,000Ks	8yrs
Utilities / Vehicles	300,000ks	3yrs Max
<b>Step Three</b>		
<b>Best practice - Fleet management</b>	<b>LGMS Fleet Risk Management Guidelines</b>	
The Cost / Maintenance curve	Consider the most economical change over point	
The Used / New / Maintenance Curve	Consider the current market	
Purchase with a view to a sustainable future		



Step Four		
Considerations	Business requirements	
	Fit for purpose	
	Type of work	
	Community expectations	
	WHS-OHS needs	
	Fleet Advisor Recommendation	

## 6.2 CURRENT CONDITION OF ASSETS

Asset condition information is not relevant to Plant and Vehicles as they are short lived compared to roads and buildings and condition is maintained as part of the maintenance schedule, regular servicing and renew program.

## 6.3 MAINTENANCE & OPERATIONS PROGRAMS

### 6.3.1 Service Summary

Councils fleet assets must be properly maintained so that they continue to support the delivery of a wide range of council services which fulfil the social, economic and environmental needs of the community.

Routine maintenance is the regular on-going work that is necessary to keep assets operating, including instances where portions of the asset fail and need immediate repair to make the asset operational again.

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function and value to the community
- All statutory and technical requirements to ensure health, safety, security and reliability are met

### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from council's maintenance budget

Planned maintenance consists of preventative, statutory, pro-active and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of the asset is below acceptable standards or to maintain plant at acceptable standards.

Unplanned (often referred to as reactive) maintenance occurs when failure of an asset or component requires immediate attention. It is usually limited to rectification for function, health, safety or security reasons. Assessment and prioritisation of reactive maintenance is undertaken by council staff using experience and judgement to maintain plant at acceptable standards.

### 6.3.3 Operation and Maintenance Program

The following information has been compiled from the general ledger in councils financial system

#### FLEET OPERATIONAL COSTS

Job Number	Job Name	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 Budget
0061.0002.0000	Plant Op Exp-Fuel	1,849,362	1,555,379	1,185,149	1,060,719	1,158,242	
0061.0003.0000	Plant Op Exp-Oil & Grease	59,364	31,037	49,219	77,630	45,810	
0061-0007-0000	Plant Op Exp-TyresTubes&Batteries	378,931	417,641	392,467	339,944	218,072	
0061-0008-0000	Plant Op Exp-Rego&Insurances	326,953	378,422	290,384	388,286	358,529	
0061.2380.0000	Plant Operating Expenses	144,735	151,467	91,278	26,047	89,981	
<b>Totals</b>		<b>2,759,345</b>	<b>2,533,946</b>	<b>2,008,497</b>	<b>1,892,626</b>	<b>1,870,634</b>	<b>2,000,000</b>



**FLEET MAINTENANCE COSTS**

Job Number	Job Name	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 Budget
0061.0001.0000	Plant Maintenance -Wages			219,897	261,736	323,369	
0061.0004.0000	Plant Maintenance -Spare Parts	366,690	360,987	222,759	1,206	61,633	
0061.0005.0000	Plant Maintenance -Stores	122,900	162,792	129,575	130,919	108,962	
0061-0006-0000	Plant Maintenance -Repairs	293,421	278,677	424,946	844,598	844,934	
0061.2480.0000	Plant Maintenance Expenses	387,595	321,541	258,171	273,986	171,871	
<b>Totals</b>		<b>1,170,606</b>	<b>1,123,997</b>	<b>1,255,348</b>	<b>1,512,445</b>	<b>1,510,770</b>	<b>1,450,000</b>

Future revisions of this Plan are expected to more accurately report the proportion of maintenance and operational expenditure and measure its impact on asset condition.

**6.4 ASSET RENEWAL PROGRAM**

Renewal expenditure is major work which does not increase the asset's design capacity but generally restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.

The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

Age  
Material  
Safety  
Failure frequency

Assets requiring renewal are identified from estimates of remaining life obtained from councils asset management system. Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Verified proposals are ranked by priority and available funds and scheduled in for council's Capital Works Program.

Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

**6.5 ASSET ACQUISITION****6.5.1 New, Additional or Upgrade Asset Program / Costs**

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.

New assets and upgrade/expansion of existing assets are identified from various sources, such as Councilor or community requests, proposals identified by strategic plans or partnerships with other organisations.

**FLEET REPLACEMENT PLAN**

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Minor Plant (over \$2000)	60000	60000	60000	60000	60000	60000	60000	60000	60000	60000
Light Vehicles	410,435	409,486	395,707	414,764	392,042	382,170	422,867	413,780	422,399	396,131
Major Plant	2,160,000	2,540,000	3,070,000	3,510,000	2,500,000	2,750,000	2,130,000	2,500,000	2,500,000	2,500,000
<b>TOTAL</b>	<b>2,630,435</b>	<b>3,009,486</b>	<b>3,525,707</b>	<b>3,984,764</b>	<b>2,952,042</b>	<b>3,192,170</b>	<b>2,612,867</b>	<b>2,973,780</b>	<b>2,982,399</b>	<b>2,956,131</b>



## 6.6 ASSET DISPOSAL

A quality portfolio of assets should efficiently, effectively and economically sustain delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of fleet assets must be based on sound evaluations that fully reflect council's service delivery goals. Disposal includes any activity associated with disposal of a decommissioned asset including sale, demolition or relocation.

## 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be recognised as a key driver during the design process. Evidence suggests that good design/construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

### 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Fleet Valuation figures below were extracted from the Assetic Reconciliation Report as at 30<sup>th</sup> June 2018.

Asset Class	Asset Sub Class	Quantity	Replacement Cost (\$)	WDV @ 30/6/18 (\$)
Fleet	Fleet	140	4,139,390	2,098,070
Fleet	Minor Plant	519	3,274,437	1,835,052
Fleet	Major Plant	161	14,134,640	7,610,450
<b>SUB TOTAL</b>		<b>820</b>	<b>21,710,618</b>	<b>12,193,958</b>
Furniture & Equipment		3	2,858,410	80,985
SES		27	28,242	4,500
<b>TOTAL</b>		<b>850</b>	<b>24,408,914</b>	<b>12,273,893</b>

### 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
<b>Operational</b>	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
<b>Maintenance</b>	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000	1,450,000
<b>Renewals</b>	2,630,435	3,009,486	3,525,707	3,984,764	2,952,042	3,192,170	2,612,867	2,973,780	2,982,399	2,956,131
<b>Upgrades</b>										
<b>New Assets</b>										
<b>TOTAL</b>	<b>6,080,435</b>	<b>6,459,486</b>	<b>6,975,707</b>	<b>7,434,764</b>	<b>6,402,042</b>	<b>6,642,170</b>	<b>6,062,867</b>	<b>6,423,780</b>	<b>6,432,399</b>	<b>6,406,131</b>

### 7.3 FUNDING STRATEGY

Fleet replacements are to be funded from Council's Capital Works Program and grants where available.



## **8. ASSET MANAGEMENT PRACTICES**

### **8.1 ACCOUNTING FINANCIAL SYSTEM**

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for Asset Depreciation.

### **8.2 ASSET MANAGEMENT SYSTEM(S)**

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (Map Info) and have the same asset ID number as Assetic. A hot link is being developed to link Assetic & Map Info. All asset financial and inventory data is recorded in Assetic.

Councils Fleet Maintenance system is Travel Tech. The system is currently used to record and process fleet maintenance activities. The current process requires the input of a manually produced document into the system for updating of maintenance activities. The system will generate printed work orders and provide forecasting for future scheduled servicing.

### **8.3 PERFORMANCE MEASURES**

#### **8.3.1 Service Standards**

The effectiveness of the asset management plan can be measured in the following ways:

- ☐ The degree to which the required cash flows identified in this asset management plan are incorporated into council's long term financial plan.
- ☐ Informed decisions on expenditure allocations with regard to levels of service.

### **8.4 IMPROVEMENT PROGRAM**

<b>Actions</b>	<b>Responsible Officer</b>	<b>Date Required</b>	<b>Priority</b>
Refine fleet assets data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives	Manager Fleet, Asset Management Advisor, Manager Financial Services	30/06/19	1
Refine fleet operational and maintenance costs	Manager Financial Services	30/06/19	2
Review this report and action plan	Asset Management Advisor	30/12/19	2

#### **8.4.1 Monitoring and Review Process & Procedures**

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process



**APPENDICES****APPENDIX A****ASSET REPLACEMENT PLAN**

Year 2019/2020	Project	Renewal	Upgrade	New	External Funding	Funding Source
Asset ID	Sub Class	Type				
	<b>Minor Plant (over \$2000)</b>		<b>60,000</b>			
	<b>Light Vehicles</b>					
8902	U4x4 - 6/8cyl Single Cab	4x4 utes	37,637			
8731	U4x2 DUAL CAB - 4cyl	4x4 utes	10,300			
8972	U4x4 Dual Cab -4cyl	4x4 utes	11,818			
8728	U4x2 DUAL CAB - 4cyl	4x4 utes	9,250			
8977	U4x4 Dual Cab -4cyl	4x4 utes	16,750			
8737	U4x2 Single Cab - 4/8cyl	4x4 utes	21,197			
8985	U4x4 Dual Cab -4cyl	4x4 utes	26,502			
8981	U4x2 SINGLE CAB - 4cyl tipper	4x4 utes	3,500			
8781	U4x2 DUAL CAB - 4cyl	4x4 utes	30,328			
9148	All Terrain	4x4 utes	18,027			
8866	U4x4 SINGLE CAB - 4cyl	4x4 utes	23,490			
9073	Car/Wagon 4x2-4/6cyl	Cars	15,682			
8869	U4x4 SINGLE CAB - 4cyl	4x4 utes	41,595			
8742	U4x2 Single Cab - 4/8cyl	4x4 utes	25,190			
9139	All Terrain	4x4 utes	17,500			
9173	All Terrain	4x4 utes	10,850			
8978	U4x4 Dual Cab -4cyl	4x4 utes	22,500			
8727	U4x2 DUAL CAB - 4cyl	4x4 utes	16,945			
8741	U4x2 Single Cab - 4/8cyl	4x4 utes	25,190			
8965	U4x4 Dual Cab -4cyl	4x4 utes	26,182			
	<b>Total Light Vehicles</b>		<b>410,435</b>			
	<b>Major Plant</b>					
3007	Hiab Vehicle	Crane	30,000			
3002	ATS Vehicle	Crane	30,000			
3003	Fassi Vehicle	Crane	30,000			
3004	Fassi Vehicle	Crane	30,000			
3006	Fassi Vehicle	Crane	30,000			
3001	Palfinger Vehicle	Crane	30,000			
3005	Hiab Vehicle	Crane	30,000			
3000	Palfinger Vehicle	Crane	30,000			
8007	Freeroll Horwood	Grader	100,000			
8013	John Deere	Grader	350,000		80,000	Trade in
9753	Traffic Lights	Heavy Plant	30,000			
8089	CAT 928F	Loader	380,000		60,000	Trade in
8410	Patching Truck Isuzu	Patching Truck	360,000		40,000	Trade in
8349	Truck Isuzu	Trucks	300,000		60,000	Trade in
8408	Truck Nissan	Trucks	300,000		60,000	Trade in
9259	Tipping Dog	Tipping Dog	100,000		8,000	Trade in
	<b>Major Plant Total</b>		<b>2,160,000</b>			
<b>Total 2019/20</b>			<b>2,630,435</b>	-	-	<b>308,000</b>



Year 2024/2025	Project	Renewal	Upgrade	New	External Funding	Funding Source
Asset ID	Sub Class	Type				
	<b>Minor Plant (over \$2000)</b>		<b>60,000</b>			
	<b>Light Vehicles</b>					
8867	U4x4 SINGLE CAB - 4cyl	4x4 utes	32,105			
8770	U4x2 DUAL CAB - 4cyl	4x4 utes	39,153			
9087	Car/Wagon 4x2-4/6cyl	4x4 utes	22,681			
8865	U4x4 SINGLE CAB - 4cyl	4x4 utes	34,571			
8771	U4x2 DUAL CAB - 4cyl	4x4 utes	39,153			
8779	U4x2 Xtra CAB - 4cyl	4x4 utes	26,520			
8996	U4x4 Dual Cab -4cyl	4x4 utes	36,255			
9147	All Terrain	4x4 utes	16,500			
8878	U4x4 SINGLE CAB - 4cyl	4x4 utes	26,658			
9154	All Terrain	4x4 utes	48,894			
8738	BT250 Mazda S/Cab Utility	4x4 utes	19,968			
8759	U4x2 Single Cab - 4/8cyl	4x4 utes	10,500			
8994	U4x4 Dual Cab -4cyl	4x4 utes	29,213			
	<b>Total Light Vehicles</b>		<b>382,170</b>			
	<b>Major Plant</b>					
8020	John Deere	Grader	450,000		80,000	Trade in
8016	John Deere	Grader	450,000		80,000	Trade in
8033	Bomag Landfill	Heavy Plant	450,000			
8133	Dynapac Padfoot	Rollers	250,000			
8197	Skid Steer	Skid steer	250,000			
8270	Truck Mitsubishi	Trucks	150,000			
8271	Mitsubishi Canter	Trucks	200,000			
8263	Truck Nissan	Trucks	200,000			
8351	Mack Trident	Trucks	350,000		60,000	Trade in
	<b>Major Plant Total</b>		<b>2,750,000</b>		<b>220,000</b>	
<b>Total 2024/2015</b>			<b>3,192,170</b>	<b>-</b>	<b>-</b>	<b>220,000</b>
Year 2025/2026	Project	Renewal	Upgrade	New	External Funding	Funding Source
Asset ID	Sub Class	Type				
	<b>Minor Plant (over \$2000)</b>		<b>60,000</b>			
	<b>Light Vehicles</b>					
8995	U4x4 Dual Cab -4cyl	4x4 utes	36,698			
8971	U4x4 Dual Cab -4cyl	4x4 utes	41,923			
8993	U4x4 Dual Cab -4cyl	4x4 utes	35,395			
8739	Ford Ranger Single Cab Utility	4x4 utes	20,425			
8757	U4x2 Single Cab - 4/8cyl	4x4 utes	26,182			
8973	U4x4 Dual Cab -4cyl	4x4 utes	38,978			
8982	U4x4 Dual Cab -4cyl	4x4 utes	45,506			
9152	All Terrain	4x4 utes	43,457			
8747	U4x2 Single Cab - 4/8cyl	4x4 utes	36,284			
8735	U4x2 Single Cab - 4/8cyl	4x4 utes	25,518			
9153	All Terrain	4x4 utes	37,044			
8999	U4x4 Dual Cab -4cyl	4x4 utes	35,457			
	<b>Total Light Vehicles</b>		<b>422,867</b>			
	<b>Major Plant</b>					
8019	Komatsu Grader	Grader	500,000		80,000	Trade in
8402	Scania P124	Trucks	400,000		60,000	Trade in
8404	Truck Mitsubishi	Trucks	400,000		60,000	Trade in
8207	Truck Isuzu	Trucks	150,000			
8415	Mitsubishi FV54	Trucks	240,000		60,000	Trade in
8413	Isuzu FRR600	Trucks	240,000		60,000	Trade in
8259	2013Mitsubishi	Trucks	200,000			
	<b>Major Plant Total</b>		<b>2,130,000</b>			
<b>Total 2025/2026</b>			<b>2,612,867</b>	<b>-</b>	<b>-</b>	<b>320,000</b>



Year 2026/2027	Project		Renewal	Upgrade	New	External Funding	Funding Source
Asset ID	Sub Class	Type					
	<b>Minor Plant (over \$2000)</b>		<b>60,000</b>				
	<b>Light Vehicles</b>						
8949	U4x4 Dual Cab -4cyl	4x4 utes	36,698				
9151	All Terrain	4x4 utes	42,263				
8872	U4x4 Dual Cab -4cyl	4x4 utes	44,086				
8773	U4x2 DUAL CAB - 4cyl	4x4 utes	14,250				
8881	U4x4 SINGLE CAB - 4cyl	4x4 utes	41,337				
8948	U4x4 Dual Cab -4cyl	4x4 utes	39,158				
9143	All Terrain	4x4 utes	49,242				
8774	U4x2 DUAL CAB - 4cyl	4x4 utes	39,153				
8983	U4x4 Dual Cab -4cyl	4x4 utes	36,698				
8862	U4x4 SINGLE CAB - 4cyl	4x4 utes	28,354				
8772	U4x2 DUAL CAB - 4cyl	4x4 utes	42,541				
	<b>Total Light Vehicles</b>		<b>413,780</b>				
	<b>Major Plant</b>		<b>2,500,000</b>				
<b>Total 2026/27</b>			<b>2,973,780</b>	-	-	-	
Year 2027/2028	Project		Renewal	Upgrade	New	External Funding	Funding Source
Asset ID	Sub Class	Type					
	<b>Minor Plant (over \$2000)</b>		<b>60,000</b>				
	<b>Light Vehicles</b>						
8864	U4x4 SINGLE CAB - 4cyl	4x4 utes	34,571				
8883	U4x4 SINGLE CAB - 4cyl	4x4 utes	30,063				
8783	U4x2 DUAL CAB - 4cyl	4x4 utes	28,719				
8947	U4x4 Dual Cab -4cyl	4x4 utes	39,158				
9075	Car/Wagon 4x2-4/6cyl	Cars	40,954				
8748	U4x2 SINGLE CAB - 4cyl tipper	4x4 utes	30,633				
9070	Car/Wagon 4x2-4cyl	Cars	44,963				
9072	Car/Wagon 4x2-4/6cyl	Cars	21,242				
8871	U4x4 DUAL CAB - 4cyl	4x4 utes	30,606				
8913	U4x4 - 6/8cyl	4x4 utes					
8997	U4x4 DUAL CAB - 4cyl	4x4 utes	30,606				
8961	U4x4 Dual Cab - 4 cyl	4x4 utes	-				
8914	U4x4 - 6/8cyl	4x4 utes					
8782	U4x2 DUAL CAB - 4cyl	4x4 utes	29,024				
8976	U4x4 Single CAB - 4cyl	4x4 utes	32,838				
8769	U4x2 DUAL CAB - 4cyl	4x4 utes	29,024				
	<b>Total Light Vehicles</b>		<b>422,399</b>				
	<b>Major Plant</b>		<b>2,500,000</b>				
<b>Total 2027/28</b>			<b>2,982,399</b>	-	-	-	
Year 2028/2029	Project		Renewal	Upgrade	New	External Funding	Funding Source
Asset ID	Sub Class	Type					
	<b>Minor Plant (over \$2000)</b>		<b>60,000</b>				
	<b>Light Vehicles</b>						
9048	Car/Sedan 4x2 4cyl	Cars	28,017				
9049	Car/Hatch 4x2 4cyl	Cars	26,182				
9050	Car/Hatch 4x2 4cyl	Cars	15,750				
9051	Car/Hatch 4x2 4cyl	Cars	26,182				
	Approx 8	4x4 utes	300,000				
	<b>Total Light Vehicles</b>		<b>396,131</b>				
	<b>Major Plant</b>		<b>2,500,000</b>				
<b>Total 2028/29</b>			<b>2,956,131</b>	-	-	-	



# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN FOR ROAD INFRASTRUCTURE**





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Adopted by

For review December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	July 2016	Asset Management Advisor	28/9/16
2	January 2018	Asset Management Coordinator	26/4/18
3	January 2019	Asset Management Coordinator	
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all road infrastructure assets and services under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the community. Road infrastructure assets are provided to facilitate services to the community.

### 1.2 SUMMARY

Council provides a road infrastructure network to enable the delivery of the required level of service to existing and future customers in the most cost effective way. This plan is intended to demonstrate how council will achieve this outcome by applying the principles of responsible asset management.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Therefore the road network is extensive with 1,100 km of sealed roads and 2,878 km of unsealed roads.

Council plans to operate and maintain its road infrastructure assets to achieve the following strategic objectives.

- Ensure that road infrastructure is maintained at a safe and functional standard
- Ensure that road infrastructure delivers the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of road infrastructure is achieved through best appropriate practices.

### 1.3 INPUTS TO LONG TERM FINANCIAL PLAN

Council has acquired road infrastructure assets by contract, construction by council staff and by donation of assets constructed by developers and others to meet increased levels of service. This asset management plan covers the following infrastructure assets.

Asset covered in this plan include

Asset Category	Quantity	Replacement Value	WDV @ 30/6/18
Roads - Sealed	1,104 km	250,528,338	205,212,935
Roads - Unsealed	2,875 km	127,513,095	119,693,665
Roads - Floodways	747	36,225,082	19,358,482
Bridges & Major Culverts	6,711 m <sup>2</sup>	36,227,891	28,091,857
Culverts	18,861 m	13,914,046	10,096,599
Kerb & Channel	165,948 m	13,218,577	7,766,929
Pathways	107,716 m	12,623,465	10,196,391
Roads Equipment	4825 m	4,825	1,290,347
Stormwater Drains	40,867 m	25,476,376	18,424,488
Stormwater Pits	1,585 m	5,838,131	4,418,608
<b>TOTAL</b>		<b>521,569,827</b>	<b>424,550,301</b>

There are two key indicators of cost to provide the services provided by the road infrastructure identified in this plan. The maintenance and operational costs and renewal costs. Councils 2018-19 total maintenance and operational budgets are:

Operational	\$ 200,000
Maintenance	\$5,575,000

The table below shows the amounts set aside for road asset renewals in Council's 10 Year Forecast. This data has been extracted from the Infrastructure Development Plan. Maintenance and Operational expenditure is based on the current budgeted figures.



	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Operational	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Maintenance	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000
Renewals	7,278,446	6,715,050	6,978,900	6,611,092	8,583,570	8,448,308	8,062,393	10,185,636	9,028,150	7,638,761
Upgrades	3,708,884	3,386,000	3,417,600	1,647,730	2,803,800	2,105,000	3,686,000	915,000	1,382,000	580,000
New Assets	184,000	285,000	633,500	601,000	109,000	520,000	234,000	94,000	105,000	1,486,000
<b>TOTAL</b>	<b>16,946,330</b>	<b>16,161,050</b>	<b>16,805,000</b>	<b>14,634,822</b>	<b>17,271,370</b>	<b>16,848,308</b>	<b>17,757,393</b>	<b>16,969,636</b>	<b>16,290,150</b>	<b>15,479,761</b>

## 2. INTRODUCTION

### 2.1 BACKGROUND

#### Our Vision

#### "Shire of Opportunity"

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Road Infrastructure Asset & Services Management Plan is the link between the Councils corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### 2.2 CORPORATE AND STRATEGIC DIRECTIONS

Council exists to provide services to its community. Some of these services are provided by road infrastructure assets. Council's goal in managing road assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of road infrastructure asset management are:

- taking a life cycle approach
- developing cost-effective management strategies for the long term
- providing a defined level of service and monitoring performance
- understanding and meeting the demands of growth through demand management and infrastructure investment
- managing risks associated with asset failures
- sustainable use of assets

### 2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS

Banana Shire Council maintains an extensive road network comprised of 1,100 km of sealed roads and 2,878 km of unsealed roads with both rural and urban drainage.

Council's road infrastructure include assets from the following asset categories in Council's Asset Management System.

#### Unsealed Roads – Replacement Value @ 30/6/18

Sub Class	Hierarchy	Segment Length (m)	Formation	Pavement Base	Total
Rural	Rural Access	1,791,005	66,718,858	8,007,661	74,726,519
	Rural Major Collector	302,200	13,075,740	2,615,365	15,691,105
	Rural Minor Collector	762,853	30,530,223	5,167,193	35,697,416
Urban	Industrial Access	151	11,932	1,017	12,949
	Urban Access	17,590	1,198,168	109,386	1,307,554
	Urban Major Collector	649	39,887	2,913	42,800
	Urban Minor Collector	566	32,503	2,249	34,752
		<b>2,875,014</b>	<b>111,607,311</b>	<b>15,905,784</b>	<b>127,513,095</b>



### Sealed Roads – Replacement Value (\$)

Sub Class	Hierarchy	Surface Type	Segment Length (m)	Formation	Pavement Sub Base	Pavement Base	Surface	Total
Rural	Rural Access	Spray Seal	68,822	2,973,563	872,535	7,524,547	1,451,713	12,822,358
	Rural Major Collector	Asphalt	4,492	292,588	67,574	577,801	935,042	1,873,005
	Rural Major Collector	Spray Seal	568,452	24,420,109	8,157,148	65,073,113	12,514,548	110,164,918
	Rural Minor Collector	Spray Seal	320,126	13,181,492	4,105,652	35,112,696	6,686,562	59,086,402
Urban	Industrial Access/ Collector	Asphalt	2,059	256,566	220,984	509,591	662,123	1,649,264
	Industrial Access/ Collector	Spray Seal	2,947	289,237	249,124	574,482	101,687	1,214,530
	Urban Access	Asphalt	17,617	1,789,943	1,543,387	3,581,490	4,067,927	10,982,747
	Urban Access	Spray Seal	69,858	6,272,052	5,329,138	12,216,761	2,159,499	25,977,450
	Urban Major Collector	Asphalt	13,644	1,617,355	1,381,209	3,185,083	4,227,862	10,411,509
	Urban Major Collector	Spray Seal	14,087	1,372,465	1,172,155	2,696,446	498,431	5,739,497
	Urban Minor Collector	Asphalt	7,311	763,698	657,784	1,516,857	1,936,881	4,875,220
	Urban Minor Collector	Spray Seal	14,425	1,336,997	1,181,578	2,724,731	488,132	5,731,438
			<b>1,103,840</b>	<b>54,566,065</b>	<b>24,938,268</b>	<b>135,293,598</b>	<b>35,730,407</b>	<b>250,528,338</b>

### Rural Drainage

Asset Category	Asset Sub Type	Total Area (m2)	Replacement Value(\$)	WDV @ 30/6/18
Roads	Floodways	105,778	36,225,082	29,104,511
Bridges	Pedestrian	956	4,897,077	4,122,350
	Vehicle Bridge	2,815	17,050,968	13,609,241
	Vehicle Culvert Major	2,940	14,279,846	10,360,266
Culverts	Culverts	18,861	13,914,046	10,096,599
<b>TOTAL</b>		<b>131,350</b>	<b>86,367,020</b>	<b>67,292,967</b>

### Urban Drainage

Asset Category	Asset Sub Type	Total Length/Quantity	Replacement Value(\$)	WDV @ 30/6/18
Stormwater Drains	RCBC	1,380	2,341,583	1,736,617
	RCP	39,487	23,134,793	16,687,870
<b>Total Stormwater Drains</b>		<b>40,867</b>	<b>25,476,376</b>	<b>18,424,488</b>
Stormwater Pits	Gully Pit	1,161	4,279,855	3,203,727
	Inlet	129	437,985	309,052
	Manhole	137	584,856	525,333
	Outlet	158	535,435	380,496
<b>Total Stormwater Pits</b>		<b>1,585</b>	<b>5,838,131</b>	<b>4,418,608</b>
<b>TOTAL</b>			<b>31,314,507</b>	<b>22,843,096</b>

### Kerbs, Pathways and Roads Equipment

Asset Category	Asset Sub Type	Total Length (m)	Replacement Value(\$)	WDV @ 30/6/18
Kerbs	Kerbs	166,233	13,218,577	7,766,929
Pathway	Asphalt	9,869	472,183	309,671
	Concrete	87,652	11,706,515	9,803,205
	Gravel	1,791	75,540	0
	Pavers	7,895	347,759	71,000
	Spray Seal	509	21,468	12,515
<b>Total Pathways</b>		<b>107,716</b>	<b>12,623,465</b>	<b>10,196,391</b>
Roads Equipment	Levee	820	19,285	19,285
	Roundabout	31	12,767	9,263
	Open Drain	3,964	1,255,653	1,223,139
	Guardrail	10	2,641	2,240
<b>Total Road Equipment</b>		<b>4,825</b>	<b>1,290,347</b>	<b>1,253,928</b>
<b>TOTAL</b>		<b>278,774</b>	<b>27,132,389</b>	<b>19,217,248</b>

## 3. LEVELS OF SERVICE

### 3.1 LEVELS OF SERVICE FRAMEWORK

The Level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services.



### 3.2 CURRENT LEVEL OF SERVICE

Community Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness.

Community levels of service are:

Quality	How good is the service?
Function	Does it meet users' needs?
Capacity/Utilisation	Is the service over or under used?

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

Service Criteria	Technical measures may relate to
Quality	Smoothness of roads
Quantity	Extent of sealed roads
Availability	Distance from a dwelling to a sealed road
Safety	No defects to create dangerous situations

Key performance measure	Level of service	Performance Measure Process
	<b>COMMUNITY LEVELS OF SERVICE</b>	
QUALITY	Provide easily trafficked roads - ride quality, width appropriate to traffic type and road hierarchy. Pathways facilitate efficient pedestrian access and movement.	Monitoring of complaints lodged per annum relating to ride quality.
FUNCTION / CAPACITY / UTILISATION	Road network available and functional, consistent with required amenity. Kerb and channel provides effective roadside drainage and prevents stormwater from entering properties. Urban Stormwater Network prevents flooding to properties caused by pipe collapse, blockages and lid damage. Pathway surfaces are smooth and free from hazards.	Customer Satisfaction Survey Customer requests relating to road non-availability.
	<b>TECHNICAL LEVELS OF SERVICE</b>	
SAFETY	Provide smooth road surface free from hazards. Provide effective roadside drainage free from hazards. Provide accessible pathways free from hazards. Provide adequate communication of traffic regulations. Provide appropriate information, warning, guidance and directions. Streets have even and consistent kerb and channeling free from hazards.	Inspect and note defects from customer requests and condition assessments Undertake regular road inspections
CONDITION	The Road Infrastructure Network is maintained in fair-good condition.	Inspect all Road Infrastructure Network components regularly and prioritise and repair defects to ensure they are safe.
FUNCTION	An appropriate Road Infrastructure Network is maintained in partnership with other levels of government and stakeholders to provide the defined service levels.  Consequence of not providing the defined services is reduced driveability speeds, limited wet weather access and increased risks.	Customer complaints related to road access. New and upgraded road segments to be constructed to required standards and in accordance with road hierarchy.
SUSTAINABILITY	Road Infrastructure Network is managed with respect to future generations.	Sustainability principals are incorporated into the design of all new and upgraded roads and drainage assets.

### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. This will be developed in future revisions of this asset management plan.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community



## Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively promoted by letter box drops, council and community newsletters and brochures, council's web page and newspapers circulating in the shire.

From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.

## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during construction of pathways and walking routes.
Climate change	There is continuing discussion about changing climatic conditions, increased rainfall, fluctuations in wet/dry season and periods. Continued variation in weather patterns and extremes is forecast to occur. This is likely to impact on the condition of assets, place pressure on asset lifecycle costs and potentially reduce asset life, e.g. increased moisture in ground and road pavements. There is also potential for more frequent asset failure.		Council continues to monitor conditions and apply for NDRRA funding following severe weather events.

### 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets, and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures. Examples of non-asset solutions include providing services from existing infrastructure such as aquatic centres and libraries that may be in another community area, or public toilets provided in commercial premises.

Demand for new roads in the future will likely come as a result of residential or industrial/ commercial subdivision development. The development proponents provide capital funding for new roads, as and when developments are approved. There is otherwise little forecast demand for new roads to be constructed by Council in the medium to long term as:

- There is a high level of connectivity of the existing road network, with no forecast demand for new links;
- Growth forecasts can be accommodated within the capacity of the existing road network.

There is a moderate increase in forecast demand for road upgrades in the next 10 years as:

- There is a trend toward the use of higher mass limit vehicles
- Customer expectations are increasing in terms of road amenity, leading to demand for items such as the sealing of existing gravel roads.

Demand for upgrades to existing roads in the network is likely to manifest in the form of pavement upgrades (eg stabilisation of granular pavement), sealing of unsealed roads, and road and/ or intersection widening.



Technology changes are forecast to affect the delivery of services in the areas outlined below

Technology change	Effect of service delivery
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Construction methods and materials	Technology changes are forecast to affect the delivery of services including plant, equipment and product improvements to allow for more cost and time efficient construction.

## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.

RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, Huge \$ cost
<b>Almost Certain</b> Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
<b>Likely</b> Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
<b>Possible</b> Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
<b>Unlikely</b> Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
<b>Rare</b> May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:

Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above

### 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Damage to vehicle and injury to passenger from MVA caused by failed road surface	Possible	Major	18	Prioritise capital and maintenance works based on condition and identified defects
Damage to vehicle and injury to passengers from MVA caused by poor road alignment and profile	Possible	Major	18	Prioritise capital and maintenance works based on identified defects
Damage to vehicle and injury from MVA caused by narrow road reduced road width	Possible	Major	18	Prioritise capital and maintenance works based on identified defects
Damage to vehicle and injury from MVA caused by hazardous shoulder (i.e. no kerb, edge drop)	Possible	Major	18	Prioritise capital and maintenance works based on identified defects



or high embankment)				
Insufficient funding to renew road infrastructure	Possible	Major	18	Prioritise capital and maintenance works based on condition
Significant asset loss from natural disasters such as cyclones and floods	Possible	Major	18	Ensure timely identification of damaged assets and application for NDRRA funding. Disaster Management Plan updated and current
Stormwater network being damaged by digging equipment	Likely	Major	21	Non-compliance works to be given consideration in renewal of asset Undertake regular inspections and maintenance regimes
Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Inappropriate asset and service management	Possible	Major	18	Provide appropriate skills and training

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of most assets covered by this plan will depend on a range of environmental factors. The estimated useful lives given below were determined in the 2014 valuation and revises as part of the removal of residuals and asset financial adjustments dated 1/7/2015

#### Sealed Roads (years)

Sub Class	Hierarchy	Surface Type	Formation	Pavement Sub Base	Pavement Base	Surface	Current Year Depreciation
Rural	Rural Access	Spray Seal	0	198	66	22	186,752
	Rural Major Collector	Asphalt	0	225	75	25	43,952
	Rural Major Collector	Spray Seal	0	180	60	20	1,778,358
	Rural Minor Collector	Spray Seal	0	189	63	21	913,799
<b>Sub Total</b>							2,922,862
Urban	Industrial Access/ Collector	Asphalt	0	150	50	25	28,689
	Industrial Access/ Collector	Spray Seal	0	180	60	20	4,599
	Urban Access	Asphalt	0	225	75	25	244,471
	Urban Access	Spray Seal	0	198	66	22	457,351
	Urban Major Collector	Asphalt	0	225	75	25	228,452
	Urban Major Collector	Spray Seal	0	180	60	20	109,582
	Urban Minor Collector	Asphalt	0	225	75	25	105,078
	Urban Minor Collector	Spray Seal	0	189	63	21	102,341
<b>Sub Total</b>							1,280,562
<b>TOTAL</b>							<b>4,203,424</b>

#### Unsealed Roads (years)

Sub Class	Hierarchy	Formation	Pavement Base	Current Year Depreciation
Rural	Rural Access	0	7, 8 or 9	874,406
	Rural Major Collector	0	4 or 6	409,862
	Rural Minor Collector	0	7	695,348
<b>Sub Total</b>				1,979,616
Urban	Industrial Access	0	7	141
	Urban Access	0	7	14,567
	Urban Major Collector	0	7	403
	Urban Minor Collector	0	7	311
<b>Sub Total</b>				15,421
<b>TOTAL</b>				<b>1,995,037</b>



### Rural Drainage

Asset Category	Asset Sub Type	Years	Current Year Depreciation
Roads	Floodways	90	417,912
Bridges	Pedestrian	100	47,402
	Vehicle Bridge	100	164,932
	Vehicle Major Culvert	100	138,260
Culverts	Culverts	100	136,950
<b>TOTAL</b>			<b>905,456</b>

### Urban Drainage

Asset Category	Asset Sub Type	Years	Current Year Depreciation
Stormwater Drains	RCBC	120	18,888
	RCP	120	184,621
Stormwater Pits	Gully Pit	120	34,504
	Inlet	120	3,533
	Manhole	120	4,173
	Outlet	120	4,240
<b>TOTAL</b>			<b>249,959</b>

### Kerbs, Pathways and Roads Equipment

Asset Category	Asset Sub Type	Years	Current Year Depreciation
Kerbs	Kerbs	80	160,140
Pathway	Asphalt	25	18,282
	Concrete	80	145,700
	Gravel	15	4,473
	Pavers	15	13,472
	Spray Seal	15	1,385
			<b>183,313</b>
Roads Equipment	Levee	1000	0
	Roundabout	100	494
	Open Drain	80	12,105
	Guardrail	30	85
			<b>12,685</b>
<b>TOTAL</b>			<b>356,137</b>

## 6.2 CURRENT CONDITION OF ASSETS

Asset condition is monitored by investigative work, visual inspection, and asset failure.

Road Infrastructure Condition Scoring System – Banana Shire Council currently uses the following 5 point condition scoring system when assessing water assets.

#### Condition Rating Criteria

- 1 As new condition, no visible signs of wear and tear or defect
- 2 In good condition with some obvious signs of wear and tear but no evidence of deterioration
- 3 In fair condition, minor evidence of deterioration of the element which could potentially shorten life
- 4 In poor condition with evidence of minor isolated failure in an element which will reduce future life, maintenance costs high
- 5 Total failure of the element, extreme risk in leaving asset in service

Typically road infrastructure assets with condition scores of 4 or higher will be considered for inclusion in a renewal program. Below is the total replacement value of assets in the following conditions

### Roads

Sub Type	Sub Class	Component	CONDITION RATING				
			1	2	3	4	5
Sealed	Rural	Pavement Sub Base	6,683,645	4,648,996	1,870,268		
		Pavement Base	53,803,253	41,727,227	12,757,678		
		Surface	15,180,043	5,950,193	457,629		
	Urban	Pavement Sub Base	3,396,905	8,260,313	78,141		
		Pavement Base	7,849,580	18,975,666	180,194		
		Surface	6,868,356	4,861,077	782,954	792,659	837,495
Unsealed	Rural	Pavement Base	11,979,172	593,762	972,008	316,987	
	Urban	Pavement Base	113,522				
<b>TOTAL</b>			<b>133,278,652</b>	<b>124,770,219</b>	<b>23,885,995</b>	<b>1,779,788</b>	<b>792,668</b>



## Rural Drainage

Asset Category	Asset Sub Type	CONDITION RATING				
		1	2	3	4	5
Roads	Floodways	14,314,343	20,336,440	263,696	1,087,318	223,285
Bridges	Pedestrian	3,837,926	1,059,151			
	Vehicle Bridge	10,822,685	4,302,057	1,926,227		
	Vehicle Major Culvert	3,933,192	10,346,654			
Culverts	Culverts	3,185,969	10550042	133,729	40,677	3,628
<b>TOTAL</b>		<b>20,655,315</b>	<b>47055300</b>	<b>2,928,786</b>	<b>1,055,584</b>	<b>74,106</b>

## Urban Drainage

Asset Category	Asset Sub Type	CONDITION RATING				
		1	2	3	4	5
Stormwater Drains	RCBC	957,066	560,275	824,241		
	RCP	5,121,340	13,762,589	4,250,864		
Stormwater Pits	Gully Pit	1,511,325	2,030,549	704,650	6,900	26,431
	Inlet	104,905	219,833	113,247		
	Manhole	471,609	59,954	53,293		
	Outlet	128,754	290,104	113,247		3,331
<b>TOTAL</b>		<b>8,294,998</b>	<b>16,923,304</b>	<b>6,059,543</b>	<b>6,900</b>	<b>29,762</b>

## Kerbs, Pathways and Roads Equipment

Asset Category	Asset Sub Type	CONDITION RATING				
		1	2	3	4	5
Kerbs	Kerbs	3,806,240	1,866,774	6,317,701	1,227,862	
Pathway	Asphalt	141,848	44,371	285,964		
	Concrete	9,633,627	1,467,747	596,003	9,138	
	Gravel					75540
	Pavers	75,166	12,738	4,471	119,573	135,812
	Spray Seal		21,468			
Roads Equipment	Levee	19,285				
	Roundabout	12,767				
	Open Drain	1,255,653				
	Guardrail	2,641				
<b>TOTAL</b>		<b>14,947,228</b>	<b>3,413,098</b>	<b>7,204,139</b>	<b>1,356,573</b>	<b>211,352</b>

## 6.3 MAINTENANCE & OPERATIONS PROGRAMS

### 6.3.1 Service Summary

Councils road infrastructure assets must be properly maintained so that they continue to support the delivery of a wide range of council services which fulfil the social, economic and environmental needs of the community

For the purpose of this Plan, maintenance is defined as work on existing road infrastructure undertaken with the intention of:

- Preventing further deterioration
- Restoring correct operation within specified parameters
- Making temporary repairs for immediate health, safety and security reasons
- Assessing assets for maintenance requirements

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function and value to the community
- All statutory and technical requirements to ensure health, safety, security and reliability are met

### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from council's maintenance budget

Planned maintenance consists of preventative, statutory, and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of the asset is below acceptable standards.



Unplanned (often referred to as reactive) maintenance occurs when failure of an asset or component requires immediate attention. It is usually limited to rectification for function, health, safety or security reasons. Assessment and prioritisation of reactive maintenance is undertaken by council staff using experience and judgement

### 6.3.3 Operation and Maintenance Program Costs

The following information has been compiled from the general ledger in councils financial system

#### ROADS & DRAINAGE OPERATIONAL & MAINTENANCE COSTS

GL NUMBER	GL NAME	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 Budget
5360-2380	Street Cleaning Operating Expenses	332,015	410,215	369,543	265,154	242,023	200,000
<b>TOTAL OPERATIONAL</b>		<b>332,015</b>	<b>410,215</b>	<b>369,543</b>	<b>265,154</b>	<b>242,023</b>	<b>200,000</b>
5200-2480	Council Roads Maintenance	5,254,789	5,650,307	5,810,273	4,980,995	4,349,660	5,500,000
5420-2480	Bikeway & Footpaths Expenses	122,130	109,571	61,767	72,456	75,159	75,000
<b>TOTAL MAINTENANCE</b>		<b>5,376,919</b>	<b>5,759,878</b>	<b>5,872,040</b>	<b>5,053,451</b>	<b>4,424,819</b>	<b>5,575,000</b>

Future revisions of this Plan are expected to more accurately report the proportion of maintenance and operational expenditure and measure its impact on asset condition.

### 6.4 ASSET RENEWAL PROGRAM

Renewal expenditure is major work which does not increase the asset's design capacity but generally restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Asset renewal and replacement is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements

It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.

The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

Age

Material

Safety

Failure frequency

Assets requiring renewal are identified in the Infrastructure Development Plan. Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in for council's 10 Year Capital Works Program.

Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

Road Infrastructure Renewal Expenditure - The table below shows the amounts set aside for road infrastructure renewal in Council's 10 Year Forecast. This data has been extracted from the Infrastructure Development Plan. Please refer to Appendix A for the detailed renewal programme.



## Planned Renewal Expenditure

Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Pathways	234,000	270,000	823,100	461,000	34,000	160,000	194,000	291,000	65,000	86,000
Bridges	629,500	0	492,000	180,000	450,000	0	600,000	0	60,000	0
Gravel Resheeting	1,449,000	1,355,000	1,015,000	660,000	1,242,000	1,068,000	1,465,000	1,662,500	1,785,000	1,960,000
Rural Construction	3,730,000	3,090,000	3,270,000	1,391,730	3,707,800	3,430,000	3,831,000	3,620,000	2,455,000	1,775,000
Rural Drainage	452,000	1,087,000	865,000	1,460,000	1,035,000	1,375,000	900,000	985,000	1,090,000	1,410,000
Rural Reseals	1,345,478	327,325	139,200	622,912	432,400	522,000	450,000	518,730	589,150	614,761
Rural Road & School Safety	0	55,000	121,000	140,000	40,000	40,000	40,000	40,000	40,000	110,000
Urban Construction	1,925,484	376,750	1,114,000	431,000	1,656,000	1,425,000	1,437,000	1,367,000	1,477,000	2,060,000
Urban Drainage	914,000	3,145,500	2,103,000	2,595,000	2,440,500	2,540,500	2,580,000	2,340,000	2,600,000	1,190,000
Urban Reseals	491,868	629,475	1,037,700	868,180	408,670	462,808	385,393	320,406	304,000	449,000
Urban Road Safety	0	50,000	50,000	50,000	50,000	50,000	100,000	50,000	50,000	50,000
<b>TOTAL RENEWAL</b>	<b>11,171,330</b>	<b>10,386,050</b>	<b>11,030,000</b>	<b>8,859,822</b>	<b>11,496,370</b>	<b>11,073,308</b>	<b>11,982,393</b>	<b>11,194,636</b>	<b>10,515,150</b>	<b>9,704,761</b>

## 6.5 ASSET ACQUISITION

### 6.5.1 New, Additional or Upgrade Asset Program / Costs

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.

New assets and upgrade/expansion of existing assets are identified from various sources, such as Councilor or community requests, proposals identified by strategic plans or partnerships with other organisations.

Candidate proposals are inspected to verify need and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in future works programs. The following criteria is applied to assess priority.

Existing road infrastructure in existing area  
Development areas  
Non-compliance with existing infrastructure

### Capital Investment Strategies

Council will plan capital upgrade and new projects to meet level of service objectives by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner
- Undertake project scoping for all capital upgrade/new projects to identify:
  - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
  - the project objectives to rectify the deficiency, including value management for major projects
  - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
  - management of risks associated with alternative options
  - and evaluate the options against evaluation criteria adopted by Council, and select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure the organisation is obtaining best value for resources used.

Road Infrastructure Construction & Acquisition - The table below shows the amounts required for road infrastructure renewals, upgrades and the construction of new road infrastructure in Council's future financial forecast



### Renewal/ Upgrade/ New Assets Plan

Asset Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Pathways Renewal	50,000	140,000	43,000					237,000		
Pathways Upgrade			206,600			80,000				
Pathways New	184,000	130,000	573,500	461,000	34,000	80,000	194,000	54,000	65,000	86,000
Bridges Renewal	629,500		492,000	180,000	450,000		600,000		60,000	
Bridges Upgrade										
Bridges New										
Gravel Resheeting Renewal	1,229,000	1,355,000	1,015,000	660,000	1,242,000	1,068,000	1,465,000	1,662,500	1,785,000	1,960,000
Gravel Resheeting Upgrade	220,000									
Gravel Resheeting New										
Rural Construction Renewal	1,710,000	30,000	540,000	525,000	1,595,000	2,650,000	1,110,000	2,845,000	2,085,000	1,775,000
Rural Construction Upgrade	2,020,000	3,010,000	2,730,000	866,730	2,112,800	780,000	2,721,000	775,000	370,000	
Rural Construction New		50,000								
Rural Drainage Renewal	452,000	917,000	760,000	835,000	1,000,000	1,105,000	700,000	985,000	670,000	1,410,000
Rural Drainage Upgrade		170,000	75,000	625,000		270,000	200,000		420,000	
Rural Drainage New			30,000		35,000					
Rural Reseals Renewal	1,345,478	327,325	139,200	622,912	432,400	522,000	450,000	518,730	589,150	614,761
Rural Reseals Upgrade										
Rural Reseals New										
Rural Road & School Safety Renewal										30,000
Rural Road & School Safety Upgrade			91,000							80,000
Rural Road & School Safety New		55,000	30,000	140,000	40,000	40,000	40,000	40,000	40,000	
Urban Construction Renewal	705,600	170,750	849,000	325,000	1,015,000	500,000	772,000	1,277,000	935,000	660,000
Urban Construction Upgrade	1,219,884	206,000	265,000	106,000	641,000	925,000	665,000	90,000	542,000	
Urban Construction New										1,400,000
Urban Drainage Renewal	665,000	3,145,500	2,103,000	2,595,000	2,440,500	2,140,500	2,580,000	2,340,000	2,600,000	740,000
Urban Drainage Upgrade	249,000									450,000
Urban Drainage New						400,000				
Urban Reseals Renewal	491,868	629,475	1,037,700	868,180	408,670	462,808	385,393	320,406	304,000	449,000
Urban Reseals Upgrade										
Urban Reseals New										
Urban Road Safety Renewal										
Urban Road Safety Upgrade			50,000	50,000	50,000	50,000	100,000	50,000	50,000	50,000
Urban Road Safety New		50,000								
<b>TOTALS</b>	<b>11,171,330</b>	<b>10,386,050</b>	<b>11,030,000</b>	<b>8,859,822</b>	<b>11,496,370</b>	<b>11,073,308</b>	<b>11,982,393</b>	<b>11,194,636</b>	<b>10,515,150</b>	<b>9,704,761</b>

### 6.6 ASSET DISPOSAL

A quality portfolio of assets should efficiently, effectively and economically sustains delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of road infrastructure assets must be based on sound evaluations that fully reflect council's service delivery goals. At this point in time no disposals are planned.

### 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be



recognised as a key driver during the design process. Evidence suggests that good design/construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

### 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Road Infrastructure Valuation figures below were extracted from the Assetic Reconciliation Report as at 30<sup>th</sup> June 2018.

Asset Category	Quantity	Replacement Value	WDV @ 30/6/18
Roads - Sealed	1,104 km	250,528,338	205,212,935
Roads - Unsealed	2,875 km	127,513,095	119,693,665
Roads - Floodways	747	36,225,082	19,358,482
Bridges & Major Culverts	6,711 m <sup>2</sup>	36,227,891	28,091,857
Culverts	18,861 m	13,914,046	10,096,599
Kerb & Channel	165,948 m	13,218,577	7,766,929
Pathways	107,716 m	12,623,465	10,196,391
Roads Equipment	4825 m	4,825	1,290,347
Stormwater Drains	40,867 m	25,476,376	18,424,488
Stormwater Pits	1,585 m	5,838,131	4,418,608
<b>TOTALS</b>		<b>521,569,827</b>	<b>424,550,301</b>

### 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for road asset renewals in Council's 10 Year Forecast. This data has been extracted from the Infrastructure Development Plan. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Operational	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Maintenance	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000	5,575,000
Renewals	7,278,446	6,715,050	6,978,900	6,611,092	8,583,570	8,448,308	8,062,393	10,185,636	9,028,150	7,638,761
Upgrades	3,708,884	3,386,000	3,417,600	1,647,730	2,803,800	2,105,000	3,686,000	915,000	1,382,000	580,000
New Assets	184,000	285,000	633,500	601,000	109,000	520,000	234,000	94,000	105,000	1,486,000
<b>TOTAL</b>	<b>16,946,330</b>	<b>16,161,050</b>	<b>16,805,000</b>	<b>14,634,822</b>	<b>17,271,370</b>	<b>16,848,308</b>	<b>17,757,393</b>	<b>16,969,636</b>	<b>16,290,150</b>	<b>15,479,761</b>

### 7.3 FUNDING STRATEGY

Renewals and upgrades are to be funded from council's Capital Works Program and grants where available.

## 8. ASSET MANAGEMENT PRACTICES

### 8.1 ACCOUNTING FINANCIAL SYSTEM

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for Asset Depreciation.

### 8.2 ASSET MANAGEMENT SYSTEM(S)

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (Map Info) and have the same asset ID number as Assetic. A hot link is being developed to link Assetic & Map Info. All asset financial and inventory data is recorded in Assetic.



### 8.3 PERFORMANCE MEASURES

#### 8.3.1 Service Standards

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into council's long term financial plan.
- Informed decisions on expenditure allocations with regard to levels of service.

### 8.4 IMPROVEMENT PROGRAM

Actions	Responsible Officer	Date Required	Priority
Refine road infrastructure assets data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives	Manager Technical Services, Asset Management Advisor, Manager Financial Services	30/03/19	1
Link assets in Assetic to GIS	GIS Officer	30/09/17 COMPLETE	1
Refine road infrastructure operational and maintenance costs	Manager Financial Services	30/12/19	2
Review this report and action plan	Asset Management Advisor	30/12/19	2

#### 8.4.1 Monitoring and Review Process & Procedures

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.



## 9. APPENDICES

### APPENDIX A

### ASSET REPLACEMENT PLAN

Financial Year	Project Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2019/20	Bikeways & Footpaths	Callide St Concrete Pathway/Bikeway	50,000				
2019/20	Bikeways & Footpaths	Stopford St Concrete Pathway/Bikeway				84,000	
2019/20	Bikeways & Footpaths	Moura Pathway/Bikeway				100,000	100,000
2019/20	Bridge Upgrade Program	Gogango Creek Bridge Renewal	350,000				
2019/20	Bridge Upgrade Program	Defence Road, Oxtrack Creek Bridge Renewal	279,500				
2019/20	Rural Construction	Jambin Dakenba Road - Rehabilitation, Widen & Seal		135,000	45,000		180,000
2019/20	Rural Construction	Jambin Dakenba Road - Rehabilitation & Seal	670,000				670,000
2019/20	Rural Construction	Van Itallies Road Rural - Rehabilitation, Widen & Seal		180,000	60,000		211,506
2019/20	Rural Construction	River Road - Rehabilitation & Seal	140,000				
2019/20	Rural Construction	Kokotungo Wandoo Road - Rehabilitation & Seal (Segment 1)	211,000				
2019/20	Rural Construction	Kokotungo Wandoo Road - Rehabilitation & Seal (Segment 2)	194,000				
2019/20	Rural Construction	Dee River Road - Rehabilitation & Seal	425,000				
2019/20	Rural Construction	Jambin Goovigen Road - Rehabilitation & Seal	70,000				70,000
2019/20	Rural Construction	Theodore Moura Road - Rehabilitation, Widen & Seal		450,000	150,000		600,000
2019/20	Rural Construction	Deearne Road Rural Construction - Formation, Drainage, Pavement & Bitumen Seal		760,000	240,000		1,000,000
2019/20	Gravel Resheeting	Wowan Westwood Road - Gravel Resheet	102,000				
2019/20	Gravel Resheeting	Glenmoral Roundstone Road - Gravel Resheet	256,000				
2019/20	Gravel Resheeting	Eriksons Road - Gravel Resheet	78,000				
2019/20	Gravel Resheeting	Malakoff Road - Gravel Resheet	196,000				
2019/20	Gravel Resheeting	Injune Road - Gravel Resheet		110,000	110,000		220,000
2019/20	Gravel Resheeting	Injune Road - Gravel Resheet	341,000				
2019/20	Gravel Resheeting	Flagstaff Road - Gravel Resheet	256,000				
2019/20	Rural Drainage	Van Itallies Road - Floodway	60,000				60,000
2019/20	Rural Drainage	Argoon Highway - Callide Creek culvert	250,000				
2019/20	Rural Drainage	Cockatoo Road - Floodway	100,000				
2019/20	Rural Drainage	Burnley Road - Floodway	42,000				
2019/20	Rural Reseals	River Road - Reseal	63,000				
2019/20	Rural Reseals	Jambin Goovigen Road - Reseal	130,000				130,000
2019/20	Rural Reseals	Prospect Creek Goovigen Road - Reseal	42,000				
2019/20	Rural Reseals	Moura Bindaree Road (Segment 1) - Reseal	66,000				
2019/20	Rural Reseals	Moura Bindaree Road (Segment 2) - Reseal	43,000				
2019/20	Rural Reseals	Kokotungo Wandoo Road - Reseal	166,000				
2019/20	Rural Reseals	McCanns Road - Reseal	17,875				
2019/20	Rural Reseals	Linkes Road - Reseal	29,315				
2019/20	Rural Reseals	Argoon Road - Reseal	16,088				
2019/20	Rural Reseals	Sawmill Road - Reseal	16,500				
2019/20	Rural Reseals	Broadmere Road - Reseal	8,250				
2019/20	Rural Reseals	Smiths Road - Reseal	8,250				
2019/20	Rural Reseals	Yeovil Road - Reseal	33,000				
2019/20	Rural Reseals	Flagstaff Road - Reseal	161,700				
2019/20	Rural Reseals	Kinfauns Road - Reseal	53,625				
2019/20	Rural Reseals	Grantleigh Pheasant Road - Reseal	17,875				
2019/20	Rural Reseals	Glebe Weir Road - Reseal	35,750				
2019/20	Rural Reseals	Glenmoral Roundstone - Reseal	17,875				
2019/20	Rural Reseals	Cracow Road - Reseal	53,625				
2019/20	Rural Reseals	Injune Road - Reseal	89,375				
2019/20	Rural Reseals	Cockatoo Road - Reseal	89,375				
2019/20	Rural Reseals	Dee River Road - Reseal	187,000				
2019/20	Urban Construction	Barrett Street - K&C replacement and onstreet bikeway		247,500	82,500		190,000
2019/20	Urban Construction	Dunn Street Quarry Road intersection - Rehabilitation, Widen & Seal for HV		86,250	28,750		
2019/20	Urban Construction	Dawson Highway Parking Lanes - K&C replacement, reseal and line	705,600				
2019/20	Urban Construction	Dunn Street - Rehabilitation, Widen & Seal for HV		356,163	118,721		237,442
2019/20	Urban Construction	Quarrie Road - Rehabilitation, Widen & Seal for HV		225,000	75,000		150,000
2019/20	Urban Drainage	Thangool - Urban Drainage upgrade (Stage2)		186,750	62,250		
2019/20	Urban Drainage	Western Lane, Theodore - Stormwater replacement	100,000				
2019/20	Urban Drainage	Yaldwyn Street - K&C Replacement	170,000				
2019/20	Urban Drainage	Yaldwyn Street - K&C Replacement	145,000				
2019/20	Urban Drainage	Urban Drainage - Pit Upgrade	50,000				
2019/20	Urban Drainage	Urban Drainage - K&C Replacement	100,000				
2019/20	Urban Drainage	Urban Drainage General (CCTV inspection and drainage repair or r	100,000				
2019/20	Urban Reseals	Prairie Street, Biloela - Reseal	90,000				
2019/20	Urban Reseals	Auburn Street, Biloela - Reseal	2,880				
2019/20	Urban Reseals	Melton Street, Biloela - Reseal	45,000				
2019/20	Urban Reseals	State Farm Road, Biloela - Reseal	99,000				
2019/20	Urban Reseals	Karboe Lane, Biloela - Reseal	19,375				
2019/20	Urban Reseals	Grevillea Lane, Biloela - Reseal	19,375				
2019/20	Urban Reseals	Stanley Street, Thangool - Reseal	23,000				
2019/20	Urban Reseals	Lloyd Street, Thangool - Reseal	6,000				
2019/20	Urban Reseals	Bramston Street, Banana - Reseal	10,000				
2019/20	Urban Reseals	Luhns Street, Moura - Reseal	28,000				
2019/20	Urban Reseals	Stephensons Street, Moura - Reseal	63,360				
2019/20	Urban Reseals	Farmer Street, Moura - Reseal	39,060				
2019/20	Urban Reseals	Depot, Theodore - Reseal	2,400				
2019/20	Urban Reseals	Nathan Street, Theodore - Reseal	4,400				
2019/20	Urban Reseals	Eight Avenue, Theodore - Reseal	4,400				
2019/20	Urban Reseals	Carrabah Street, Taroom - Reseal	9,438				
2019/20	Urban Reseals	Ridley Street, Taroom - Reseal	26,180				
<b>Total 2019/20</b>			<b>7,278,446</b>	<b>2,736,663</b>	<b>972,221</b>	<b>184,000</b>	<b>3,818,948</b>



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2020/21	Bikeways & Footpaths	Jambin Dakenba Road Concrete Bikeway/Pathway (Stage 3 - Pavement & Bitumen)				50,000	
2020/21	Bikeways & Footpaths	Lawrence Street Concrete Pathway/Bikeway				19,000	
2020/21	Bikeways & Footpaths	Lawrence Street Concrete Pathway/Bikeway				25,000	
2020/21	Bikeways & Footpaths	Tognolini Baldwin Road Concrete Pathway/Bikeway (Stage 5)	140,000				
2020/21	Bikeways & Footpaths	Nott St Pathway				36,000	
2020/21	Gravel Resheeting	Beldeen Defence Road	100,000				
2020/21	Gravel Resheeting	Calvale Road	100,000				
2020/21	Gravel Resheeting	Defence Road	200,000				
2020/21	Gravel Resheeting	Glenmoral Roundstone Road Gravel Resheeting	320,000				
2020/21	Gravel Resheeting	Gravel Resheeting - Bundalba Road	75,000				
2020/21	Gravel Resheeting	McLaughlins Road - Rural Construction	250,000				
2020/21	Gravel Resheeting	Sawmill Road Rural Construction	110,000				
2020/21	Gravel Resheeting	Tollemaches Road	200,000				
2020/21	Rural Construction	Banana Baralaba Road (Stage 2)		757,500	252,500		1,000,000
2020/21	Rural Construction	Callide Creek Crossing Road Rural Construction	30,000				
2020/21	Rural Construction	Deearne Road Rural Construction (Section 4)		500,000	500,000		1,000,000
2020/21	Rural Construction	Theodore Moura Road Rehab (Section 5)		923,000	77,000		1,000,000
2020/21	Rural Construction	Rose Road floodway				50,000	
2020/21	Rural Drainage	Alberta Road Culvert Upgrade	150,000				
2020/21	Rural Drainage	Crowdsdale Camboon Road Rural Drainage	192,000				
2020/21	Rural Drainage	Crowdsdale Camboon Road Rural Drainage	100,000				
2020/21	Rural Drainage	Crowdsdale Camboon Road Rural Drainage	100,000				
2020/21	Rural Drainage	Glenmoral Roundstone Road Rural Drainage	50,000				
2020/21	Rural Drainage	Hodgetts Road Floodway Upgrade			150,000		
2020/21	Rural Drainage	Lowries Road Floodway Upgrade			20,000		
2020/21	Rural Drainage	McCanns Road Rural Drainage	50,000				
2020/21	Rural Drainage	Orange Creek Road Floodway Replacement	80,000				
2020/21	Rural Drainage	Semples Road Floodway Replacement	60,000				
2020/21	Rural Drainage	Tomlins Road Floodway Upgrade	35,000				
2020/21	Rural Drainage	Valentine Plains Road Rural Drainage	50,000				
2020/21	Rural Drainage	Valentine Plains Road Rural Drainage	50,000				
2020/21	Rural Reseals	Boardmere Road	240,000				
2020/21	Rural Reseals	Dixalea Deeford Road Rural Reseals	44,000				
2020/21	Rural Reseals	Dululu Bunerba Road Rural Reseals	17,875				
2020/21	Rural Reseals	Dululu Bunerba Road Rural Reseals	21,450				
2020/21	Rural Reseals	Hintons Lane Rural Reseals	4,000				
2020/21	Rural Road & School Safety	Taroom State School Safety - Roma Taroom Road				15,000	
2020/21	Rural Road & School Safety	Unallocated School Safety				40,000	
2020/21	Urban Construction	Buckland St / Thalberg St Intersection Upgrade			25,000		
2020/21	Urban Construction	Stephenson Street Urban Construction	170,750				
2020/21	Urban Construction	Dawson Avenue Urban Construction		100,000	81,000		
2020/21	Urban Drainage	Urban Drainage General	103,500				
2020/21	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2020/21	Urban Drainage	Urban Drainage Pit Upgrade	50,000				
2020/21	Urban Drainage	Urban Drainage upgrade (Stage2)	250,000				
2020/21	Urban Drainage	Alma Street Kerb & Channel Replacement Project	51,000				
2020/21	Urban Drainage	Bunerba Street Kerb & Channel Replacement Project	51,000				
2020/21	Urban Drainage	Coorada Street Kerb & Channel Replacement Project (Stage 1)	310,000				
2020/21	Urban Drainage	Granville Street Kerb & Channel Replacement Project (Stage 1)	440,000				
2020/21	Urban Drainage	Rainbow Street Kerb & Channel Replacement Project (Stage 1)	430,000				
2020/21	Urban Drainage	Thalberg Avenue Kerb & Channel Replacement Project	675,000				
2020/21	Urban Drainage	Goovigen Urban Drainage (Stage 1)	35,000				
2020/21	Urban Drainage	Urban Drainage upgrade (Stage2)	250,000				
2020/21	Urban Drainage	Urban Drainage upgrade (Stage3)	300,000				
2020/21	Urban Drainage	Seventh Av Kerb & Channel Replacement Project	100,000				
2020/21	Urban Reseals	Moura Reseal Program - Burnham St	71,415				
2020/21	Urban Reseals	Moura Reseal Program - Dawson Parade West	175,000				
2020/21	Urban Reseals	Moura Reseal Program - Ellem St	19,000				
2020/21	Urban Reseals	Moura Reseal Program - Elliott St	55,000				
2020/21	Urban Reseals	Moura Reseal Program - Farmer St	39,500				
2020/21	Urban Reseals	Moura Reseal Program - Lang St	45,000				
2020/21	Urban Reseals	Moura Reseal Program - Marshall St	65,000				
2020/21	Urban Reseals	Moura Reseal Program - Misfield St	28,560				
2020/21	Urban Reseals	Moura Reseal Program (Section 1) - Becker St	77,500				
2020/21	Urban Reseals	Moura Reseal Program (Section 2) - Becker St	53,500				
2020/21	Urban Road Safety	Road Safety Improvements - Town Streets			50,000		
<b>Total 2020/21</b>			<b>6,715,050</b>	<b>2,280,500</b>	<b>1,155,500</b>	<b>235,000</b>	<b>3,000,000</b>



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2021/22	Bikeways & Footpaths	Barrett Street Concrete Bikeway/Pathway (Section 1)				18,000	
2021/22	Bikeways & Footpaths	Bell Street Concrete Pathway/Bikeway				45,000	
2021/22	Bikeways & Footpaths	Gladstone Road (Northern Side) Concrete Bikeway/Pathway				19,000	
2021/22	Bikeways & Footpaths	Oxley Avenue Bike Track	30,000				
2021/22	Bikeways & Footpaths	Tiamby Street Concrete Pathway/Bikeway				72,000	
2021/22	Bikeways & Footpaths	Tiamby Street Concrete Pathway/Bikeway				22,000	
2021/22	Bikeways & Footpaths	Tiamby Street Concrete Pathway/Bikeway				87,000	
2021/22	Bikeways & Footpaths	Tiamby Street Concrete Pathway/Bikeway				8,000	
2021/22	Bikeways & Footpaths	Tiamby Street Concrete Pathway/Bikeway				15,000	
2021/22	Bikeways & Footpaths	Washpool Gully pedestrian crossing upgrade		36,000	24,000		
2021/22	Bikeways & Footpaths	Callide Dam Bitumen Bikeway/Pathway (Section 1)				37,500	
2021/22	Bikeways & Footpaths	Third Avenue Reconstruct & Widen Bitumen Pathway	13,000				
2021/22	Bikeways & Footpaths	Stanley Street Concrete Bikeway/Pathway				34,000	
2021/22	Bikeways & Footpaths	Gillespie Street Stencilled Concrete Pathway				136,000	
2021/22	Bikeways & Footpaths	Herzog Street Concrete Bikeway/Pathway				80,000	
2021/22	Bikeways & Footpaths	Ramsay Street Pathway Reconstruction		27,000	18,000		
2021/22	Bikeways & Footpaths	Ramsay Street Pathway Reconstruction		27,000	18,000		
2021/22	Bikeways & Footpaths	Winston Street Pathway Reconstruction (Stage 2)		19,560	13,040		
2021/22	Bikeways & Footpaths	Pheasant Creek Rd / Don St Concrete Pathway/Bikeway		5,040	18,960		
2021/22	Bridge Upgrade Program	Defence Road Nuns Gully Bridge replacement carry over	492,000				
2021/22	Gravel Resheeting	Broadmere Road	295,000				
2021/22	Gravel Resheeting	Coolum Road Rural Construction (Stage 1)	150,000				
2021/22	Gravel Resheeting	Earlsfield Road Gravel Resheeting	160,000				
2021/22	Gravel Resheeting	Glenmoral Rounstone Road Gravel Resheeting	310,000				
2021/22	Gravel Resheeting	Ian McCauley Way Rural Construction	100,000				
2021/22	Rural Construction	callide creek crossing road - rural construction		90,000	30,000		
2021/22	Rural Construction	Dee River Road Rural Construction (Stage 1)		489,230	40,770		
2021/22	Rural Construction	Deearne Road Rural Construction (Section 5)		500,000	500,000		1,000,000
2021/22	Rural Construction	Jambin Dakenba Road (Section3)		490,000	10,000		500,000
2021/22	Rural Construction	Jambin Goovigen Road rehabilitation	240,000				
2021/22	Rural Construction	Kokotunga Don River Road	300,000				
2021/22	Rural Construction	Paines Road		435,000	145,000		580,000
2021/22	Rural Drainage	Callide Highway 2/600RCP installation				30,000	
2021/22	Rural Drainage	Goovigen Rannes Road Rural Drainage	100,000				
2021/22	Rural Drainage	Halls Road Floodway Replacement	120,000				
2021/22	Rural Drainage	McCanns Road Rural Drainage	50,000				
2021/22	Rural Drainage	Parkers Lane Rural Drainage	350,000				
2021/22	Rural Drainage	Prospect Creek Goovigen Road Rural Drainage	50,000				
2021/22	Rural Drainage	Semples Road floodway Upgrade		58,000	17,000		
2021/22	Rural Drainage	Semples Road Floodway Upgrade	40,000				
2021/22	Rural Drainage	Tomlins Road Rural Drainage	50,000				
2021/22	Rural Reseals	River Road Rural Reseals	73,000				
2021/22	Rural Reseals	Ian McCauley Way Rural Reseals	28,000				
2021/22	Rural Reseals	Isla Delusion Road Rural Reseals	15,000				
2021/22	Rural Reseals	Isla Delusion Road Rural Reseals	11,500				
2021/22	Rural Reseals	Maloneys Road Rural Reseals	11,700				
2021/22	Rural Road & School Safety	Biloela School Safety - Collard Street			16,000		
2021/22	Rural Road & School Safety	Biloela School Safety - Scoria Street			56,000		
2021/22	Rural Road & School Safety	Jambin Primary School Safety - Jambin Threeways Road			7,000		
2021/22	Rural Road & School Safety	Banana Primary School School Safety - Herbert Street			6,000		
2021/22	Rural Road & School Safety	Biloela School Safety - Calvale Road				15,000	
2021/22	Rural Road & School Safety	Taroom State School Safety - Leichhardt Highway (North of Taroom)				15,000	
2021/22	Rural Road & School Safety	Wowan Primary School Safety - Don Street			6,000		
2021/22	Urban Construction	Power Street Urban Construction	170,000				
2021/22	Urban Construction	Buckland Street Intersection Upgrade		50,000	100,000		
2021/22	Urban Construction	Callide Street Urban Construction (Stage 2)	269,000				
2021/22	Urban Construction	Farmer Street Urban Construction	200,000				
2021/22	Urban Construction	Scenic Street Urban Construction	80,000				
2021/22	Urban Construction	Wenck Street Urban Construction	35,000				
2021/22	Urban Construction	Wenck Street Urban Construction	95,000				
2021/22	Urban Construction	Presho Lane Urban Construction		10,000	20,000		
2021/22	Urban Construction	Williams Lane Urban Construction		35,000	50,000		
2021/22	Urban Drainage	Urban Drainage General	100,000				
2021/22	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2021/22	Urban Drainage	Urban Drainage Pit Upgrade	50,000				
2021/22	Urban Drainage	Benn Street Kerb & Channel Replacement Project	162,000				
2021/22	Urban Drainage	Bundalba Street Kerb & Channel Replacement Project	300,000				
2021/22	Urban Drainage	Castle Street Kerb & Channel Replacement Project	100,000				
2021/22	Urban Drainage	Cooper Street Kerb & Channel Replacement Project	156,000				
2021/22	Urban Drainage	Gelobra Street Kerb & Channel Replacement Project	300,000				
2021/22	Urban Drainage	Lookerbie Street Kerb & Channel Replacement Project	260,000				
2021/22	Urban Drainage	Tarramba Street Kerb & Channel Replacement Project	100,000				
2021/22	Urban Drainage	Fifth Av Drainage Project	50,000				
2021/22	Urban Drainage	Dululu Urban Drainage (Stage 1)	25,000				
2021/22	Urban Drainage	Marshall Street Drainage Project	150,000				
2021/22	Urban Drainage	Urban Drainage upgrade (Stage3)	250,000				
2021/22	Urban Reseals	Banana Reseal Program - Bramston St	12,100				
2021/22	Urban Reseals	Banana Reseal Program - Charles St	34,000				
2021/22	Urban Reseals	Banana Reseal Program - Collins St	6,000				
2021/22	Urban Reseals	Banana Reseal Program - Herbert St	2,500				
2021/22	Urban Reseals	Banana Reseal Program - Herbert St	4,000				
2021/22	Urban Reseals	Banana Reseal Program - North St	10,000				
2021/22	Urban Reseals	Banana Reseal Program - North St	5,000				



Financial Year	Project Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2021/22	Urban Reseals	Moura Reseal Program - Lederhose St	40,000				
2021/22	Urban Reseals	Moura Reseal Program - Bell St	45,000				
2021/22	Urban Reseals	Moura Reseal Program - Daw son Parade East	150,000				
2021/22	Urban Reseals	Moura Reseal Program - Grounds St	42,000				
2021/22	Urban Reseals	Moura Reseal Program - Herzog St	150,000				
2021/22	Urban Reseals	Moura Reseal Program - Knaggs St	80,000				
2021/22	Urban Reseals	Moura Reseal Program - Leichhardt St	98,000				
2021/22	Urban Reseals	Moura Reseal Program - McArthur St	15,000				
2021/22	Urban Reseals	Moura Reseal Program - McDow ell St	45,000				
2021/22	Urban Reseals	Moura Reseal Program - McRae St	90,000				
2021/22	Urban Reseals	Moura Reseal Program - Minogue St	38,000				
2021/22	Urban Reseals	Moura Reseal Program - Moura Bindaree Road	11,600				
2021/22	Urban Reseals	Moura Reseal Program - Moura Recreation Reserve Access 1	8,500				
2021/22	Urban Reseals	Moura Reseal Program - Moura Recreation Reserve Access 3	8,500				
2021/22	Urban Reseals	Moura Reseal Program - Moura Rotary Park Access	4,450				
2021/22	Urban Reseals	Moura Reseal Program - Moura Rotary Park Car Park	4,350				
2021/22	Urban Reseals	Moura Reseal Program - Shean St South	15,000				
2021/22	Urban Reseals	Moura Reseal Program - Young St	65,000				
2021/22	Urban Reseals	Moura Reseal Program - Young St (Car Park)	9,000				
2021/22	Urban Reseals	Moura Reseal Program - Young St West	20,000				
2021/22	Urban Reseals	Moura Reseal Program - Young St West	20,000				
2021/22	Urban Reseals	Theodore Reseal Program - Second Ave	4,700				
2021/22	Urban Road Safety	Road Safety Improvements - Town Streets			50,000		
<b>Total 2021/22</b>			<b>6,978,900</b>	<b>2,271,830</b>	<b>1,145,770</b>	<b>633,500</b>	<b>2,080,000</b>
Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2022/23	Bikew ays & Footpaths	Auburn Street Concrete Pathw ay/Bikew ay (Stage 1)				183,000	
2022/23	Bikew ays & Footpaths	Auburn Street Concrete Pathw ay/Bikew ay (Stage 2)				183,000	
2022/23	Bikew ays & Footpaths	Prospect Creek Goovigen Road Concrete Pathw ay/Bikew ay				20,000	
2022/23	Bikew ays & Footpaths	Martin Street Concrete Bikew ay/Pathw ay				75,000	
2022/23	Bridge Upgrade Program	Ghinghinda Road Bridge Replacement	180,000				
2022/23	Gravel Resheeting	Coolum Road Rural Construction (Stage 2)	200,000				
2022/23	Gravel Resheeting	Cracow Road	100,000				
2022/23	Gravel Resheeting	Flagstaff Road	100,000				
2022/23	Gravel Resheeting	Ian McCauley Way Rural Construction	120,000				
2022/23	Gravel Resheeting	Lindleys Road Rural Construction	140,000				
2022/23	Rural Construction	Calvale Road Rural Construction			31,730		
2022/23	Rural Construction	Cracow Road		240,000	20,000		
2022/23	Rural Construction	Dee River Road Rural Construction (Stage 2)		530,770	44,230		
2022/23	Rural Construction	Kokotunga Don River Road	300,000				
2022/23	Rural Construction	Linkes Road Rural Construction	225,000				
2022/23	Rural Drainage	Bears Lagoon Road Rural Drainage		200,000	275,000		
2022/23	Rural Drainage	Blotts Road Rural Drainage	50,000				
2022/23	Rural Drainage	Goovigen Rannes Road Rural Drainage	100,000				
2022/23	Rural Drainage	Grantleigh Pheasant Creek Road Floodw ay Replacement		100,000	50,000		
2022/23	Rural Drainage	Hintons Lane Floodw ay Replacement	350,000				
2022/23	Rural Drainage	Mullers Road Floodw ay Replacement	85,000				
2022/23	Rural Drainage	Potts Road Rural Drainage	50,000				
2022/23	Rural Drainage	Unallocated Rural Drainage project	200,000				
2022/23	Rural Reseals	River Road Rural Reseals	33,963				
2022/23	Rural Reseals	River Road Rural Reseals	33,963				
2022/23	Rural Reseals	Banana Mungi Road Rural Reseals	7,150				
2022/23	Rural Reseals	Banana Mungi Road Rural Reseals	10,725				
2022/23	Rural Reseals	Beldeen Greycliffe Road Rural Reseal	200,000				
2022/23	Rural Reseals	Callide Kilburnie Road Rural Reseals	10,725				
2022/23	Rural Reseals	Callide Kilburnie Road Rural Reseals	3,575				
2022/23	Rural Reseals	Crow sdale Camboon Road Rural reseal	104,000				
2022/23	Rural Reseals	Eric Hamilton Road Rural Reseal	45,000				
2022/23	Rural Reseals	Geigers Road Rural Reseals	3,575				
2022/23	Rural Reseals	Goolara Heinekes Road Rural Reseals	13,000				
2022/23	Rural Reseals	Jamesons Lane Rural Reseals	10,725				
2022/23	Rural Reseals	Kokotungo Wandoo Road Rural Reseals	58,273				
2022/23	Rural Reseals	McCabes Road Rural Reseals	8,938				
2022/23	Rural Reseals	Nathan Gorge Road Rural Reseals	10,400				
2022/23	Rural Reseals	Nathan Gorge Road Rural Reseals	9,100				
2022/23	Rural Reseals	Saw mill Road Rural Reseals	28,600				
2022/23	Rural Reseals	Saw mill Road Rural Reseals	31,200				
2022/23	Rural Road & School Safety	Baralaba Primary School Safety - Pow er Street				50,000	
2022/23	Rural Road & School Safety	Taroom State School Safety - Leichhardt Highw ay (South of Taroom)				15,000	
2022/23	Rural Road & School Safety	Thangool Primary School Safety - Aerodorme Road (Stage 2)				75,000	
2022/23	Urban Construction	Auburn Street Local Area Traffic Management			76,000		
2022/23	Urban Construction	Luhrs Street Urban Construction	210,000				
2022/23	Urban Construction	Beckers Lane		10,000	20,000		
2022/23	Urban Construction	Martin Street Urban Construction	115,000				
2022/23	Urban Drainage	Urban Drainage General	100,000				
2022/23	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2022/23	Urban Drainage	Urban Drainage Pit Upgrade	50,000				
2022/23	Urban Drainage	Buckland Street Kerb & Channel Replacement Project	680,000				
2022/23	Urban Drainage	CBD Drainage Project - Grevillea Street (Stage D)	650,000				
2022/23	Urban Drainage	Cooper Street Kerb & Channel Replacement Project	177,000				
2022/23	Urban Drainage	Gerard Street Kerb & Channel Replacement Project	250,000				
2022/23	Urban Drainage	Mimosa Street Kerb & Channel Replacement Project	100,000				
2022/23	Urban Drainage	Neville Street Kerb & Channel Replacement Project	165,000				
2022/23	Urban Drainage	Spring Street Kerb & Channel Replacement Project	123,000				



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2022/23	Urban Drainage	Gillespie Street Kerb & Channel Replacement Project (Stage 1)	200,000				
2022/23	Urban Reseals	Cracow Reseal Program - Third Ave	6,050				
2022/23	Urban Reseals	Moura Reseal Program - Kianga Hall Car Park	6,600				
2022/23	Urban Reseals	Moura Reseal Program - McArthur St Car Park	24,500				
2022/23	Urban Reseals	Moura Reseal Program - Nicklin St	13,000				
2022/23	Urban Reseals	Moura Reseal Program - Nott St	21,000				
2022/23	Urban Reseals	Moura Reseal Program - Theodore Moura Road	210,000				
2022/23	Urban Reseals	Moura Reseal Program - Theodore Moura Road	80,000				
2022/23	Urban Reseals	Moura Reseal Program - Theodore Moura Road (Parking Lane)	83,000				
2022/23	Urban Reseals	Taroom Reseal Program - Adams lane	2,400				
2022/23	Urban Reseals	Taroom Reseal Program - Baxter St	2,600				
2022/23	Urban Reseals	Taroom Reseal Program - Bonner St	4,500				
2022/23	Urban Reseals	Taroom Reseal Program - Bonner St	3,850				
2022/23	Urban Reseals	Taroom Reseal Program - Bonner St	12,525				
2022/23	Urban Reseals	Taroom Reseal Program - Bonner St	3,950				
2022/23	Urban Reseals	Taroom Reseal Program - Bonner St	7,800				
2022/23	Urban Reseals	Taroom Reseal Program - Bridge St	8,000				
2022/23	Urban Reseals	Taroom Reseal Program - Bridge St	7,650				
2022/23	Urban Reseals	Taroom Reseal Program - Bridge St	7,800				
2022/23	Urban Reseals	Taroom Reseal Program - Cranmer St	3,200				
2022/23	Urban Reseals	Taroom Reseal Program - Cranmer St	13,050				
2022/23	Urban Reseals	Taroom Reseal Program - Daw son St	5,500				
2022/23	Urban Reseals	Taroom Reseal Program - Gardiner St	30,000				
2022/23	Urban Reseals	Taroom Reseal Program - Hutton St	13,250				
2022/23	Urban Reseals	Taroom Reseal Program - Hutton St	5,250				
2022/23	Urban Reseals	Taroom Reseal Program - Hutton St	17,500				
2022/23	Urban Reseals	Taroom Reseal Program - Hutton St	25,000				
2022/23	Urban Reseals	Taroom Reseal Program - Hutton St	15,000				
2022/23	Urban Reseals	Taroom Reseal Program - Kinnoul St	7,500				
2022/23	Urban Reseals	Taroom Reseal Program - Kinnoul St	7,200				
2022/23	Urban Reseals	Taroom Reseal Program - Lions Park Truck Park	8,900				
2022/23	Urban Reseals	Taroom Reseal Program - Martin St	7,850				
2022/23	Urban Reseals	Taroom Reseal Program - Martin St	7,650				
2022/23	Urban Reseals	Taroom Reseal Program - Martin St	7,750				
2022/23	Urban Reseals	Taroom Reseal Program - Martin St	7,650				
2022/23	Urban Reseals	Taroom Reseal Program - McCorley St	5,000				
2022/23	Urban Reseals	Taroom Reseal Program - Miller St	8,000				
2022/23	Urban Reseals	Taroom Reseal Program - Miller St	9,400				
2022/23	Urban Reseals	Taroom Reseal Program - Miller St	13,500				
2022/23	Urban Reseals	Taroom Reseal Program - Miller St	9,200				
2022/23	Urban Reseals	Taroom Reseal Program - Morgan Ryan St	9,500				
2022/23	Urban Reseals	Taroom Reseal Program - Morgan Ryan St	2,200				
2022/23	Urban Reseals	Taroom Reseal Program - Phipps St	7,250				
2022/23	Urban Reseals	Taroom Reseal Program - Rigby St	15,250				
2022/23	Urban Reseals	Taroom Reseal Program - River Park Access	3,200				
2022/23	Urban Reseals	Taroom Reseal Program - River Park Access	6,600				
2022/23	Urban Reseals	Taroom Reseal Program - River Truck Park Road	21,000				
2022/23	Urban Reseals	Taroom Reseal Program - Scott Lane	2,400				
2022/23	Urban Reseals	Taroom Reseal Program - Short St	1,000				
2022/23	Urban Reseals	Taroom Reseal Program - Short St	8,800				
2022/23	Urban Reseals	Taroom Reseal Program - Taroom Street Parking Lanes	5,000				
2022/23	Urban Reseals	Taroom Reseal Program - Williams Lane	1,100				
2022/23	Urban Reseals	Taroom Reseal Program - Williams Lane	1,100				
2022/23	Urban Reseals	Taroom Reseal Program - Williams Lane	2,400				
2022/23	Urban Reseals	Taroom Reseal Program - Williams Lane	5,500				
2022/23	Urban Reseals	Taroom Reseal Program - Yaldw yn St Parking Lanes	8,200				
2022/23	Urban Reseals	Taroom Reseal Program - Yaldw yn St Parking Lanes	7,500				
2022/23	Urban Reseals	Taroom Reseal Program - Yaldw yn St Parking Lanes	7,150				
2022/23	Urban Reseals	Taroom Reseal Program - Yaldw yn St Parking Lanes	7,000				
2022/23	Urban Reseals	Theodore Reseal Program - Eighth Ave	13,455				
2022/23	Urban Road Safety	Road Safety Improvements - Town Streets			50,000		
<b>Total 2022/23</b>			<b>6,611,092</b>	<b>1,080,770</b>	<b>566,960</b>	<b>601,000</b>	<b>-</b>
Financial Ye	Category	Project	Renewal	Upgrade Renew	Upgrade Ne	New	External Fundir
2023/24	Bikew ays & Footpaths	Ward Crescent Concrete Pathw ay/Bikew ay				34,000	
2023/24	Bridge Upgrade Program	Bundulla Road	450,000				
2023/24	Gravel Resheeting	Bears Lagoon Road Rural Construction (Stage 3)	130,000				
2023/24	Gravel Resheeting	Defence Road Rural Construction (Stage 1)	150,000				
2023/24	Gravel Resheeting	Fairview Road Rural Construction	120,000				
2023/24	Gravel Resheeting	Inverness Road - Rural Construction	162,000				
2023/24	Gravel Resheeting	Lindleys Road Rural Construction	70,000				
2023/24	Gravel Resheeting	Nathan Road (Stage 2) Rural Construction	115,000				
2023/24	Gravel Resheeting	Shaw lands Road Gravel Resheeting	10,000				
2023/24	Gravel Resheeting	Tomlins Road Rehabilitation Project	235,000				
2023/24	Gravel Resheeting	Tomlins Road Rural Construction	250,000				
2023/24	Rural Construction	Alberta Road Rural Construction		277,500	277,500		
2023/24	Rural Construction	Buneru Road Rural Construction		63,700	19,100		
2023/24	Rural Construction	Coolum Road Rural Construction (Stage 3)		343,000	147,000		
2023/24	Rural Construction	Cracow Road	260,000				
2023/24	Rural Construction	Cracow Road/14th Avenue Rural Construction		90,000	90,000		
2023/24	Rural Construction	Dixalea Deeford Road Rural Construction (Stage 2)	270,000				
2023/24	Rural Construction	Glenmoral Roundstone Road Rural Construction	800,000				
2023/24	Rural Construction	Glenmoral Roundstone Road Rural Construction		250,000	20,000		
2023/24	Rural Construction	Injune Road		200,000	60,000		
2023/24	Rural Construction	Isla Delusion Road Rural Construction		77,000	33,000		
2023/24	Rural Construction	Pocket Creek Road Rural Construction		109,375	15,625		
2023/24	Rural Construction	Prospect Creek Goovigen Road Rural Construction	115,000				



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2023/24	Rural Construction	Tomlins Road, rural construction	150,000				
2023/24	Rural Construction	Daw son Avenue Rural Construction		30,700	9,300		
2023/24	Rural Drainage	Argoon Kilburnie Road Floodw ay Replacement	475,000				
2023/24	Rural Drainage	Blackmans Y ard Road Floodw ay Upgrade			35,000		
2023/24	Rural Drainage	Cockatoo Road Rural Drainage	50,000				
2023/24	Rural Drainage	Cracow Road Rural Drainage	150,000				
2023/24	Rural Drainage	Glenmoral Roundstone Road Floodw ay Replacement	50,000				
2023/24	Rural Drainage	Glenmoral Roundstone Road Rural Drainage	50,000				
2023/24	Rural Drainage	Greens Road	30,000				
2023/24	Rural Drainage	Injune Road Floodw ay	85,000				
2023/24	Rural Drainage	Mullers Road Floodw ay	50,000				
2023/24	Rural Drainage	Olinda Road Floodw ay Replacement	60,000				
2023/24	Rural Reseals	Banana Baralaba Road Rural Reseal	240,000				
2023/24	Rural Reseals	Banana Baralaba Road Rural Reseal	68,400				
2023/24	Rural Reseals	Banana Baralaba Road Rural Reseals	90,000				
2023/24	Rural Reseals	Davis Road Rural Reseals	8,000				
2023/24	Rural Reseals	Tan Drive Rural Reseals	18,000				
2023/24	Rural Reseals	Tan Drive Rural Reseals	8,000				
2023/24	Rural Road & School Safety	Wow an School Safety				40,000	
2023/24	Urban Construction	Bow en Street (South Bound Lane) Urban Construction		100,000	15,000		
2023/24	Urban Construction	Pow er Street Urban Construction	155,000				
2023/24	Urban Construction	Wooroonah Street Urban Construction		50,000	160,000		
2023/24	Urban Construction	Ninth Avenue Urban Construction		10,000	35,000		
2023/24	Urban Construction	Third Avenue Urban Construction		31,000	40,000		
2023/24	Urban Construction	East Street Urban Construction	180,000				
2023/24	Urban Construction	Main Street Urban Construction	185,000				
2023/24	Urban Construction	Bonner Street Urban Construction (Stage 1)	120,000				
2023/24	Urban Construction	Bonner Street Urban Construction (Stage 2)	75,000				
2023/24	Urban Construction	Cracow Road Urban Construction	40,000				
2023/24	Urban Construction	Williams Lane Construction Project	60,000				
2023/24	Urban Construction	Pocket Creek Road Urban Construction		50,000	150,000		
2023/24	Urban Construction	Railw ay Avenue Urban Construction	200,000				
2023/24	Urban Drainage	Bow en Street Kerb & Channel Replacement Project (Stage 1)	300,000				
2023/24	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 1)	300,000				
2023/24	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 2)	310,500				
2023/24	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 4)	300,000				
2023/24	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 5)	300,000				
2023/24	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 6)	300,000				
2023/24	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 7)	300,000				
2023/24	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 8)	300,000				
2023/24	Urban Drainage	Possum Park Urban Drainage	30,000				
2023/24	Urban Reseals	Biloela Reseal Program - Quarrie Rd	73,000				
2023/24	Urban Reseals	Moura Reseal Program - Gillespie St (Car Park)	78,750				
2023/24	Urban Reseals	Taroom Reseal Program - Adams Lane	7,000				
2023/24	Urban Reseals	Taroom Reseal Program - Carrabah St	10,200				
2023/24	Urban Reseals	Taroom Reseal Program - Clarke St	26,900				
2023/24	Urban Reseals	Taroom Reseal Program - Cromw ell St	39,930				
2023/24	Urban Reseals	Taroom Reseal Program - Hutton St	22,700				
2023/24	Urban Reseals	Taroom Reseal Program - Hutton St	9,500				
2023/24	Urban Reseals	Taroom Reseal Program - Leichhardt Highw ay Car Park	3,600				
2023/24	Urban Reseals	Taroom Reseal Program - Leichhardt Hw ay Car park	3,900				
2023/24	Urban Reseals	Taroom Reseal Program - Lions Park Lane	4,290				
2023/24	Urban Reseals	Taroom Reseal Program - North St	31,000				
2023/24	Urban Reseals	Taroom Reseal Program - Ridley St	26,000				
2023/24	Urban Reseals	Taroom Reseal Program - Wolsey St	12,700				
2023/24	Urban Reseals	Theodore Reseal Program - Fifth Ave	12,100				
2023/24	Urban Reseals	Theodore Reseal Program - Junction Park Lane	4,800				
2023/24	Urban Reseals	Theodore Reseal Program - Nathan St	8,800				
2023/24	Urban Reseals	Theodore Reseal Program - Second Ave	4,700				
2023/24	Urban Reseals	Theodore Reseal Program - Seventh Ave	12,500				
2023/24	Urban Reseals	Theodore Reseal Program - Walloon St	16,300				
2023/24	Urban Road Safety	Road Safety Improvements - Tow n Streets			50,000		
<b>Total 2023/24</b>			<b>8,583,570</b>	<b>1,682,275</b>	<b>1,156,525</b>	<b>74,000</b>	<b>-</b>
Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2024/25	Bikew ays & Footpaths	Daw son Highw ay, Moura - Concrete Bikew ay/Pathw ay				80,000	
2024/25	Bikew ays & Footpaths	Daw son Highw ay, Moura - Concrete Bikew ay/Pathw ay		48,000	32,000		
2024/25	Gravel Resheeting	Defence Road Rural Construction (Stage 2)	170,000				
2024/25	Gravel Resheeting	Greens Road Rural Construction - Gravel Resheeting	250,000				
2024/25	Gravel Resheeting	Lindleys Road Rural Construction	70,000				
2024/25	Gravel Resheeting	Nathan Road (Stage 3) Rural Construction	18,000				
2024/25	Gravel Resheeting	River Road Rural Construction	275,000				
2024/25	Gravel Resheeting	Tarana Crossing Road Gravel Resheeting	240,000				
2024/25	Gravel Resheeting	Tomlins Road Rural Construction	45,000				
2024/25	Rural Construction	Cockatoo Road	260,000				
2024/25	Rural Construction	Glebe Weir Road	260,000				
2024/25	Rural Construction	Glebe Weir Road	30,000				
2024/25	Rural Construction	Goolara Heinekes Road Rural Construction		50,000	50,000		
2024/25	Rural Construction	Prospect Creek Goovigen Road Rural Construction	815,000				
2024/25	Rural Construction	Smiths Road	260,000				
2024/25	Rural Construction	Theodore Moura Road Rural Reseal	775,000				
2024/25	Rural Construction	Unallocated Road Rural Construction	250,000				
2024/25	Rural Construction	Valentine Plains Road Rural Construction		200,000	480,000		
2024/25	Rural Drainage	Alma Vale Road Floodw ay Replacement		40,000	10,000		
2024/25	Rural Drainage	Defence Road Rural Drainage	350,000				
2024/25	Rural Drainage	Glenmoral Roundstone Road Floodw ay Replacement		93,000	27,000		
2024/25	Rural Drainage	Glenmoral Roundstone Road Floodw ay Replacement		75,000	25,000		



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2024/25	Rural Drainage	Injune Road Floodw ay	85,000				
2024/25	Rural Drainage	Injune Road Rural Drainage	100,000				
2024/25	Rural Drainage	Jambin Three Ways Road Rural Drainage	350,000				
2024/25	Rural Drainage	Terrencevale Road Floodw ay Replacement	60,000				
2024/25	Rural Drainage	The Bend Road Floodw ay Replacement	60,000				
2024/25	Rural Drainage	Tomlins Road Rural Drainage	100,000				
2024/25	Rural Reseals	Beckers Road Rural Reseals	42,000				
2024/25	Rural Reseals	Nathan Road Rural Reseal	220,000				
2024/25	Rural Reseals	Unallocated Rural Reseals	260,000				
2024/25	Rural Road & School Safety	Prospect Creek School Safety				40,000	
2024/25	Urban Construction	Mimosa Street Urban Construction	85,000				
2024/25	Urban Construction	Third Avenue Urban Construction		50,000	50,000		
2024/25	Urban Construction	Peaceful Lane Urban Construction	65,000				
2024/25	Urban Construction	Junction Park Urban Construction		50,000	65,000		
2024/25	Urban Construction	Partridge Drive/Walloon Street Urban Construction		400,000	200,000		
2024/25	Urban Construction	Caroline Street Urban Construction		70,000	40,000		
2024/25	Urban Construction	Pheasant Creek Road Pavement Rehabilitation and Upgrade	350,000				
2024/25	Urban Drainage	Unallocated Urban Drainage project	220,000				
2024/25	Urban Drainage	Urban Drainage General	100,000				
2024/25	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2024/25	Urban Drainage	Urban Drainage Pit Upgrade	50,000				
2024/25	Urban Drainage	Bow en Street Kerb & Channel Replacement Project (Stage 2)	250,000				
2024/25	Urban Drainage	Herbert Street Kerb & Channel and Stormw ater Drainage	140,000				
2024/25	Urban Drainage	Nicholson Street Kerb & Channel and Stormw ater Drainage	300,000				
2024/25	Urban Drainage	Marshall Street Kerb & Channel Replacement Project (Stage 1)	200,000				
2024/25	Urban Drainage	McArthur Street Kerb & Channel Replacement Project (Stage 1)	220,000				
2024/25	Urban Drainage	Hutton Street Drainage Project (Stage 2)				400,000	
2024/25	Urban Drainage	Morgan Ryan Street kerb & Channel	250,000				
2024/25	Urban Drainage	Yaldw yn Street Kerb & Channel Replacement Project (Stage 1)	310,500				
2024/25	Urban Reseals	Cracow Reseal Program - TBD	5,000				
2024/25	Urban Reseals	Dululu Reseal Program - TBD	10,000				
2024/25	Urban Reseals	Goovigen Reseal Program - Stanley St	10,500				
2024/25	Urban Reseals	Moura Reseal Program - Gillespie St	157,438				
2024/25	Urban Reseals	Moura Reseal Program - Grounds St	35,000				
2024/25	Urban Reseals	Moura Reseal Program - Nobb St	126,000				
2024/25	Urban Reseals	Theodore Reseal Program - Eleventh Ave	19,000				
2024/25	Urban Reseals	Theodore Reseal Program - Hamilton St	6,000				
2024/25	Urban Reseals	Theodore Reseal Program - Ninth Ave	3,000				
2024/25	Urban Reseals	Theodore Reseal Program - Third Ave	14,000				
2024/25	Urban Reseals	Wow an Reseal Program - Alma St	3,000				
2024/25	Urban Reseals	Wow an Reseal Program - Don St	15,400				
2024/25	Urban Reseals	Wow an Reseal Program - Don St	8,470				
2024/25	Urban Reseals	Wow an Reseal Program - TBD	50,000				
2024/25	Urban Road Safety	Road Safety Improvements - Tow n Streets			50,000		
<b>Total 2024/25</b>			<b>8,448,308</b>	<b>1,076,000</b>	<b>1,029,000</b>	<b>520,000</b>	<b>-</b>
Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2025/26	Bikew ays & Footpaths	Bow en Street Concrete Bikew ay/Pathw ay (Section 1)				34,000	
2025/26	Bikew ays & Footpaths	Bow en Street Concrete Bikew ay/Pathw ay (Section 2)				40,000	
2025/26	Bikew ays & Footpaths	Bow en Street Concrete Bikew ay/Pathw ay (Section 3)				42,000	
2025/26	Bikew ays & Footpaths	Bow en Street Concrete Pathw ay/Bikew ay (Section 4)				48,000	
2025/26	Bikew ays & Footpaths	Main Street, Dululu - Concrete Pathw ay				30,000	
2025/26	Bridge Upgrade Program	Timber Bridge Repair	600,000				
2025/26	Gravel Resheeting	Chambers Road Rural Construction - Gravel Resheeting	80,000				
2025/26	Gravel Resheeting	Defence Road Rural Construction (Stage 3)	260,000				
2025/26	Gravel Resheeting	Hamiltons Road	75,000				
2025/26	Gravel Resheeting	Hornet Bank Road Rural Construction - Gravel Resheeting	145,000				
2025/26	Gravel Resheeting	Lyndale Road Gravel Resheeting	130,000				
2025/26	Gravel Resheeting	Nathan Road (Stage 4) Rural Construction	180,000				
2025/26	Gravel Resheeting	Old Injune Road	230,000				
2025/26	Gravel Resheeting	Sands Road	125,000				
2025/26	Gravel Resheeting	Scotts Road Gravel Resheeting	75,000				
2025/26	Gravel Resheeting	Tarana Crossing Road Gravel Resheeting	165,000				
2025/26	Rural Construction	Calvale Road Rural Construction (Stage 1)		277,500	92,500		
2025/26	Rural Construction	Cartw ights Road Rural Construction		225,000	225,000		
2025/26	Rural Construction	Dixalea Deeford Road Rural Construction	120,000				
2025/26	Rural Construction	Dixalea Deeford Road Rural Construction (Stage 3)		97,500	22,500		
2025/26	Rural Construction	Goolara Heinekes Road Rural Construction		120,000	36,000		
2025/26	Rural Construction	Jambin Three Ways Road Rural Construction	500,000				
2025/26	Rural Construction	Kokotungo Wandoo Road Rural Construction		400,000	25,000		
2025/26	Rural Construction	Nathan Road (Stage 7) Rural Construction		300,000	300,000		
2025/26	Rural Construction	Prospect Creek Goovigen Road Rural Construction	490,000				
2025/26	Rural Construction	Valentine Plains Road Rural Construction		300,000	300,000		
2025/26	Rural Drainage	Cracow Road Rural Drainage	300,000				
2025/26	Rural Drainage	Crow sdale Camboon Road Rural Drainage	50,000				
2025/26	Rural Drainage	Crow sdale Camboon Road Rural Drainage	100,000				
2025/26	Rural Drainage	Kinfauns Road Rural Drainage	50,000				
2025/26	Rural Drainage	Mortons Lane Floodw ay Replacement		155,000	45,000		
2025/26	Rural Drainage	Valentine Plains Road Rural Drainage	100,000				
2025/26	Rural Drainage	Valentine Plains Road Rural Drainage	100,000				
2025/26	Rural Reseals	Banana Baralaba Road Rural Reseals	90,000				
2025/26	Rural Reseals	Beckers Road Rural Reseals	15,000				
2025/26	Rural Reseals	Brow nlies Road Rural Reseal	5,000				
2025/26	Rural Reseals	Glenmoral Roundstone Road Rural Reseal	80,000				
2025/26	Rural Reseals	Unallocated Rural Reseals	260,000				
2025/26	Rural Road & School Safety	Unallocated School Safety				40,000	
2025/26	Urban Construction	Bramston Street Urban Construction	160,000				



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2025/26	Urban Construction	Daw son Street Urban Construction (Stage 1)		40,000	21,000		
2025/26	Urban Construction	Daw son Street Urban Construction (Stage 2)		44,000	20,000		
2025/26	Urban Construction	Power Street Urban Construction		125,000	40,000		
2025/26	Urban Construction	Wooroonah Street Urban Construction	120,000				
2025/26	Urban Construction	Bauhinia Street Urban Construction	145,000				
2025/26	Urban Construction	Stone Crescent Urban Construction		150,000	50,000		
2025/26	Urban Construction	Bridge Street Urban Construction (Stage 2)	170,000				
2025/26	Urban Construction	Bridge Street Urban Construction (Stage 3)	177,000				
2025/26	Urban Construction	Don Street Urban Construction		130,000	45,000		
2025/26	Urban Drainage	Unallocated Urban Drainage project	450,000				
2025/26	Urban Drainage	Urban Drainage General	100,000				
2025/26	Urban Drainage	Urban Drainage Pft Upgrade	50,000				
2025/26	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 9)	300,000				
2025/26	Urban Drainage	Tognolini Baldwin Road Kerb & Channel Project (Stage 3)	300,000				
2025/26	Urban Drainage	Davey Street Kerb & Channel Replacement Project (Stage 1)	480,000				
2025/26	Urban Drainage	Nott Street Kerb & Channel Replacement Project (Stage 1)	300,000				
2025/26	Urban Drainage	Young Street Kerb & Channel Replacement Project (Stage 1)	250,000				
2025/26	Urban Drainage	Daw son Street Kerb & Channel Replacement Project	250,000				
2025/26	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2025/26	Urban Reseals	Banana Reseal Program - TBD	40,000				
2025/26	Urban Reseals	Banana Reseal Program - TBD	40,000				
2025/26	Urban Reseals	Callide Dam Reseals Program - TBD	40,000				
2025/26	Urban Reseals	Callide Dam Reseals Program - TBD	5,000				
2025/26	Urban Reseals	Cracow Reseal Program - TBD	5,000				
2025/26	Urban Reseals	Dululu Reseal Program - TBD	10,000				
2025/26	Urban Reseals	Goovigen Reseal Program - TBD	10,000				
2025/26	Urban Reseals	Goovigen Reseal Program - TBD	10,000				
2025/26	Urban Reseals	Jambin Reseal Program - TBD	5,000				
2025/26	Urban Reseals	Jambin Reseal Program - TBD	10,000				
2025/26	Urban Reseals	Taroom Reseal Program - Ashton St	5,600				
2025/26	Urban Reseals	Taroom Reseal Program - Tai Shue St	8,000				
2025/26	Urban Reseals	Taroom Reseal Program - Wolsey St	39,500				
2025/26	Urban Reseals	Thangool Reseal Program - TBD	15,000				
2025/26	Urban Reseals	Thangool Reseal Program - TBD	15,000				
2025/26	Urban Reseals	Theodore Reseal Program - Castle St	17,903				
2025/26	Urban Reseals	Theodore Reseal Program - Eastern Lane	5,390				
2025/26	Urban Reseals	Theodore Reseal Program - Partridge Dr	54,000				
2025/26	Urban Reseals	Wow an Reseal Program - TBD	50,000				
2025/26	Urban Road Safety	Intersection Burnett Hwy/Winston St, Thangool - Intersection upgrade			100,000		
<b>Total 2025/26</b>			<b>8,062,393</b>	<b>2,364,000</b>	<b>1,322,000</b>	<b>234,000</b>	<b>-</b>
Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2026/27	Bikeways & Footpaths	Scoria Street Concrete Bikeway/Pathway	69,000				
2026/27	Bikeways & Footpaths	Burnett Highway Concrete Pathway/Bikeway				54,000	
2026/27	Bikeways & Footpaths	Yaldwyn Street Stencilled Concrete Pathway	84,000				
2026/27	Bikeways & Footpaths	Yaldwyn Street Stencilled Concrete Pathway	84,000				
2026/27	Gravel Resheeting	Earlsfield Road Gravel Resheeting	75,000				
2026/27	Gravel Resheeting	Ghinghinda Road Gravel Resheeting	240,000				
2026/27	Gravel Resheeting	Glenhaughton Road	97,500				
2026/27	Gravel Resheeting	Kurrajong Road	97,500				
2026/27	Gravel Resheeting	Nathan Road (Stage 5) Rural Construction	290,000				
2026/27	Gravel Resheeting	Racecourse Lane	97,500				
2026/27	Gravel Resheeting	Sands Road	300,000				
2026/27	Gravel Resheeting	Tarana Crossing Road Gravel Resheeting	270,000				
2026/27	Gravel Resheeting	Twelve Mile Road	97,500				
2026/27	Gravel Resheeting	Twelve Mile Road	97,500				
2026/27	Rural Construction	Calvale Road Rural Construction (Stage 2)		365,000	85,000		
2026/27	Rural Construction	Defence Road Rural Construction (Stage 4)	425,000				
2026/27	Rural Construction	Glenmoral Roundstone Road Rural Construction	715,000				
2026/27	Rural Construction	Theodore Moura Road Rural Reseal	655,000				
2026/27	Rural Construction	Tomlins Road Rural Construction		162,500	162,500		
2026/27	Rural Construction	Unallocated Road Rural Construction	300,000				
2026/27	Rural Construction	Valentine Plains Road Rural Construction	750,000				
2026/27	Rural Drainage	Cracow Road Rural Drainage	50,000				
2026/27	Rural Drainage	Crowsdale Camboon Road Rural Drainage	100,000				
2026/27	Rural Drainage	Dululu Bunerba Road Rural Drainage	300,000				
2026/27	Rural Drainage	Earlsfield Road Rural Drainage	300,000				
2026/27	Rural Drainage	Injune Road Floodway	85,000				
2026/27	Rural Drainage	Valentine Plains Road Rural Drainage	50,000				
2026/27	Rural Drainage	Valentine Plains Road Rural Drainage	100,000				
2026/27	Rural Reseals	Beckers Road Rural Reseals	18,000				
2026/27	Rural Reseals	Blanchs Road Rural Reseals	21,450				
2026/27	Rural Reseals	Charvel Road Rural Reseals	6,200				
2026/27	Rural Reseals	Eric Hamilton Road Rural Reseal	40,000				
2026/27	Rural Reseals	Orange Creek Road Rural Reseals	84,480				
2026/27	Rural Reseals	Orange Creek Road Rural Reseals	28,600				
2026/27	Rural Reseals	Tomlins Road Rural Reseals	60,000				
2026/27	Rural Reseals	Unallocated Rural Reseals	260,000				
2026/27	Rural Road & School Safety	Unallocated School Safety				40,000	
2026/27	Urban Construction	Unallocated Urban Construction	200,000				
2026/27	Urban Construction	Bramston Street - Urban Construction (Stage 2)	60,000				
2026/27	Urban Construction	Moriarty Street Urban Construction (Stage 2)		15,000	30,000		
2026/27	Urban Construction	Murchison Street Pavement Upgrade	275,000				
2026/27	Urban Construction	Bridge Street Urban Construction (Stage 1)	160,000				
2026/27	Urban Construction	Dawson Street Urban Construction (Stage 1)	190,000				
2026/27	Urban Construction	Wolsey Street Urban Construction	300,000				
2026/27	Urban Construction	Burrows Road Urban Construction		20,000	25,000		
2026/27	Urban Construction	The Boulevard Urban Construction	92,000				



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2026/27	Urban Drainage	Unallocated Urban Drainage project	200,000				
2026/27	Urban Drainage	Urban Drainage General	100,000				
2026/27	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2026/27	Urban Drainage	Urban Drainage Pit Upgrade	50,000				
2026/27	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 10)	300,000				
2026/27	Urban Drainage	Tognolini Baldwin Road Kerb & Channel Project (Stage 2)	300,000				
2026/27	Urban Drainage	Valentine Plains Road, Floodway Upgrade	160,000				
2026/27	Urban Drainage	Washpool Street Kerb & Channel Replacement Project (Stage 1)	225,000				
2026/27	Urban Drainage	Washpool Street Kerb & Channel Replacement Project (Stage 2)	135,000				
2026/27	Urban Drainage	Washpool Street Kerb & Channel Replacement Project (Stage 3)	220,000				
2026/27	Urban Drainage	Bell Street Kerb & Channel Replacement Project (Stage 1)	250,000				
2026/27	Urban Drainage	Nott Street Kerb & Channel Replacement Project (Stage 1)	300,000				
2026/27	Urban Reseals	Biloela Reseal Program - TBD	300,000				
2026/27	Urban Reseals	Taroom Reseal Program - Bradshaw Cres	12,128				
2026/27	Urban Reseals	Taroom Reseal Program - Crescent Ave	8,278				
2026/27	Urban Road Safety	Road Safety Improvements - Town Streets			50,000		
<b>Total 2026/27</b>			<b>10,185,636</b>	<b>562,500</b>	<b>352,500</b>	<b>94,000</b>	<b>-</b>
Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2027/28	Bikeways & Footpaths	Burnett Highway Concrete Pathway/Bikeway				65,000	
2027/28	Bridge Upgrade Program	Timber Bridge Repair	60,000				
2027/28	Gravel Resheeting	Aqua Park Road Gravel Resheeting	90,000				
2027/28	Gravel Resheeting	Earlsfield Road Gravel Resheeting	75,000				
2027/28	Gravel Resheeting	Ghinginda Road Gravel Resheeting	240,000				
2027/28	Gravel Resheeting	Ghinginda Road Gravel Resheeting	240,000				
2027/28	Gravel Resheeting	Ghinginda Road Gravel Resheeting	240,000				
2027/28	Gravel Resheeting	Ghinginda Road Gravel Resheeting	240,000				
2027/28	Gravel Resheeting	Muller Road Gravel Resheet	100,000				
2027/28	Gravel Resheeting	Nathan Road (Stage 6) Rural Construction	290,000				
2027/28	Gravel Resheeting	Tarana Crossing Road Gravel Resheeting	270,000				
2027/28	Rural Construction	Theodore Moura Road, Rural Reseal	75,000				
2027/28	Rural Construction	Alcocks Road Rural Construction		90,000	10,000		
2027/28	Rural Construction	Bundalaba Road Rural Construction		25,000	25,000		
2027/28	Rural Construction	Glenmoral Roundstone Road Rural Construction	260,000				
2027/28	Rural Construction	River Road Rural Construction		45,000	45,000		
2027/28	Rural Construction	Theodore Moura Road Rural Reseal	898,000				
2027/28	Rural Construction	Theodore Moura Road Rural Reseal	402,000				
2027/28	Rural Construction	Unallocated Road Rural Construction	450,000				
2027/28	Rural Construction	Watsons Road Rural Construction		100,000	30,000		
2027/28	Rural Drainage	Broadmere Road Rural Drainage	200,000				
2027/28	Rural Drainage	Burnside McClellan Road Floodway Upgrade		135,000	85,000		
2027/28	Rural Drainage	Charvel Road Floodway Upgrade		125,000	75,000		
2027/28	Rural Drainage	Cracow Road Rural Drainage	100,000				
2027/28	Rural Drainage	Crowsdale Camboon Road Rural Drainage	300,000				
2027/28	Rural Drainage	Glenmoral Roundstone Road Floodway Replacement	70,000				
2027/28	Rural Reseals	Rannes Reseal Program	7,150				
2027/28	Rural Reseals	Beckers Road Rural Reseals	18,000				
2027/28	Rural Reseals	Beckers Road Rural Reseals	14,000				
2027/28	Rural Reseals	Buneru Road Rural Reseals	30,000				
2027/28	Rural Reseals	Unallocated Rural Reseals	260,000				
2027/28	Rural Reseals	Unallocated Rural Reseals	260,000				
2027/28	Rural Road & School Safety	Unallocated School Safety				40,000	
2027/28	Urban Construction	Charles Street Urban Construction (Stage 2)	85,000				
2027/28	Urban Construction	Herbert Street Urban Construction		45,000	30,000		
2027/28	Urban Construction	Morgan Street Urban Construction		100,000	35,000		
2027/28	Urban Construction	Power Street Urban Construction		120,000	50,000		
2027/28	Urban Construction	Stopford Street Urban Construction		122,000	40,000		
2027/28	Urban Construction	Wooroonah Street Urban Construction	75,000				
2027/28	Urban Construction	North Street Urban Construction	380,000				
2027/28	Urban Construction	Wolsey Street Urban Construction	200,000				
2027/28	Urban Construction	The Boulevard Urban Construction	195,000				
2027/28	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2027/28	Urban Drainage	Urban Drainage Kerb & Channel Replacement	100,000				
2027/28	Urban Drainage	Urban Drainage Pit Upgrade	50,000				
2027/28	Urban Drainage	Urban Drainage Pit Upgrade	50,000				
2027/28	Urban Drainage	Orange Street Kerb & Channel Replacement Project	150,000				
2027/28	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 11)	300,000				
2027/28	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 12)	300,000				
2027/28	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 13)	300,000				
2027/28	Urban Drainage	Gilchrist Street Kerb & Channel Replacement Project (Stage 1)	330,000				
2027/28	Urban Drainage	McArthur Street Kerb & Channel Replacement Project (Stage 1)	170,000				
2027/28	Urban Drainage	Bonner Street Kerb & Channel	350,000				
2027/28	Urban Drainage	Miller Street Kerb & Channel Replacement (Stage 3)	150,000				
2027/28	Urban Drainage	Yaldwyn Street Kerb & Channel Replacement Project (Stage 2)	250,000				
2027/28	Urban Reseals	Banana Reseal Program - Moriarty St	18,000				
2027/28	Urban Reseals	Baralaba Reseal Program - TBD	100,000				
2027/28	Urban Reseals	Taroom Reseal Program - Dawson St	5,200				
2027/28	Urban Reseals	Taroom Reseal Program - Gilbert Dr	30,800				
2027/28	Urban Reseals	Taroom Reseal Program - Ludwig Dr	31,000				
2027/28	Urban Reseals	Taroom Reseal Program - Miller St	18,500				
2027/28	Urban Reseals	Taroom Reseal Program - Taroom Depot Access	25,000				
2027/28	Urban Reseals	Taroom Reseal Program - Wolsey St	50,000				
2027/28	Urban Reseals	Taroom Reseal Program - Wolsey St	1,500				
2027/28	Urban Reseals	Taroom Reseal Program - Wolsey St	20,000				
2027/28	Urban Reseals	Taroom Reseal Program - Wolsey St	4,000				
2027/28	Urban Road Safety	Road Safety Improvements - Town Streets			50,000		
<b>Total 2027/28</b>			<b>9,028,150</b>	<b>907,000</b>	<b>475,000</b>	<b>105,000</b>	<b>-</b>



Financial Year	Category	Project	Renewal	Upgrade Renewal	Upgrade New	New	External Funding
2028/29	Bikeways & Footpaths	Yaldwyn Street Stencilled Concrete Pathway				86,000	
2028/29	Gravel Resheeting	Ghinginda Road Gravel Resheeting	260,000				
2028/29	Gravel Resheeting	Unallocated Rural Gravel Reheats	1,700,000				
2028/29	Rural Construction	Baileys Lane Rural Construction	600,000				
2028/29	Rural Construction	Injune Road Rural Construction	600,000				
2028/29	Rural Construction	Dee River Road Rural Construction (Stage 2)	575,000				
2028/29	Rural Drainage	Glenmoral Roundstone Road Floodway Replacement	360,000				
2028/29	Rural Drainage	Jambin Dakenba Road Rural Drainage (Site 1)	250,000				
2028/29	Rural Drainage	Jambin Dakenba Road Rural Drainage (Site 2)	250,000				
2028/29	Rural Drainage	Fiveways Mount Eugene Road Rural Drainage	250,000				
2028/29	Rural Drainage	Injune Road Rural Drainage	300,000				
2028/29	Rural Reseals	Banana Baralaba Road Rural Reseals Ch 25200 to 25515	11,261				
2028/29	Rural Reseals	Banana Baralaba Road Rural Reseal	343,500				
2028/29	Rural Reseals	Unallocated Rural Reseals	260,000				
2028/29	Rural Road & School Safety	Rural Road Safety Program - Flood Safety	30,000				
2028/29	Rural Road & School Safety	Biloela School Safety - Valentine Plains Road		60,000	20,000		
2028/29	Urban Construction	Nicholson Street Urban Construction	165,000				
2028/29	Urban Construction	Wooroonah Street Urban Construction	100,000				
2028/29	Urban Construction	Dee River Road Urban Construction	190,000				
2028/29	Urban Construction	East Street Urban Construction	55,000				
2028/29	Urban Construction	George Street Urban Construction	150,000				
2028/29	Urban Construction	Industrial area Raedon				1,400,000	
2028/29	Urban Drainage	Miller Street Kerb & Channel Replacement (Stage 1)	380,000				
2028/29	Urban Drainage	Miller Street Kerb & Channel Replacement (Stage 2)	360,000				
2028/29	Urban Drainage	Urban Drainage Pit Upgrade		37,500	12,500		
2028/29	Urban Drainage	Urban Drainage Kerb & Channel Replacement		75,000	25,000		
2028/29	Urban Drainage	Possum Park Catchment Drainage improvements (Stage 14)		225,000	75,000		
2028/29	Urban Reseals	Wowan Reseal Program	15,000				
2028/29	Urban Reseals	Wowan Reseal Program	34,000				
2028/29	Urban Reseals	Theodore Reseal Program	150,000				
2028/29	Urban Reseals	Biloela Reseal Program	250,000				
2028/29	Urban Road Safety	Road Safety Improvements - Town Streets		37,500	12,500		
<b>Total 2028/29</b>			<b>7,638,761</b>	<b>435,000</b>	<b>145,000</b>	<b>1,486,000</b>	







# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN FOR SEWERAGE INFRASTRUCTURE**





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Adopted by

Date

For review December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	July 2016	Asset Management Advisor	28/9/16
2	January 2018	Asset Management Coordinator	26/4/18
3	January 2019	Asset Management Coordinator	
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all sewer assets and services under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the community. Sewer assets are provided to facilitate services to the community.

### 1.2 SUMMARY

Council provides a sewerage network to enable the delivery of the required level of service to existing and future customers in the most cost effective way. This plan is intended to demonstrate how council will achieve this outcome by applying the principles of responsible asset management.

Banana Shire Council operates and maintains four sewage collection and treatment systems at Biloela, Moura, Taroom and Theodore. All other communities within the Shire have individual property septic systems.

Council plans to operate and maintain its sewer assets to achieve the following strategic objectives.

- Ensure that sewerage infrastructure is maintained at a safe and functional standard
- Ensure that sewerage infrastructure delivers the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of sewerage infrastructure is achieved through best appropriate practices.

### 1.3 INPUTS TO LONG TERM FINANCIAL PLAN

Council has acquired sewerage infrastructure assets by contract, construction by council staff and by donation of assets constructed by developers and others to meet increased levels of service. This asset management plan covers the following infrastructure assets.

Asset covered in this plan include

Asset Category	Quantity	Replacement Cost (\$)	WDV @ 30/6/18 (\$)
Sewerage Treatment Plants	4	25,426,257	15,693,925
Sewerage Pump Stations	23	5,764,312	3,641,115
<b>Active</b>	<b>Total</b>	<b>31,190,569</b>	<b>19,335,040</b>
Sewer Mains	123,394 metres	38,901,753	18,104,658
Sewer Manholes	2043	8,640,143	4,027,644
<b>Passive</b>	<b>Total</b>	<b>47,541,896</b>	<b>22,132,302</b>
<b>TOTAL</b>		<b>78,732,465</b>	<b>41,467,343</b>

There are two key indicators of cost to provide the services provided by the sewerage infrastructure identified in this plan. The maintenance and operational costs and renewal costs. Councils 2017-18 total maintenance and operational costs are:

Operational	\$1,415,000
Maintenance	\$ 410,000

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2027-28
Operational	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000
Maintenance	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000
<b>Active</b>										
Renewals	1,375,000	835,000	835,000	835,000	835,000	835,000	835,000	835,000	835,000	835,000
Upgrades	0	0	0	0	0	0	0	0	0	0
New Assets	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,375,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>



Passive										
Renewals	115,000	2,502,632	580,254	23,749	6,725	99,218	101,452	1,443,816	784,439	0
Upgrades	220,000	40,000	21,000	7,000	0	21,000	7,000	0	0	0
New Assets	1,085,000	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,420,000</b>	<b>2,542,632</b>	<b>601,254</b>	<b>30,749</b>	<b>6,725</b>	<b>120,218</b>	<b>108,452</b>	<b>1,443,816</b>	<b>784,439</b>	<b>0</b>
<b>TOTAL</b>	<b>4,620,000</b>	<b>5,202,632</b>	<b>3,261,254</b>	<b>2,690,749</b>	<b>2,666,725</b>	<b>2,780,218</b>	<b>2,768,452</b>	<b>4,103,816</b>	<b>3,444,439</b>	<b>2,660,000</b>

## 2. INTRODUCTION

### 2.1 BACKGROUND

#### Our Vision

#### “Shire of Opportunity”

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Sewerage Asset & Services Management Plan is the link between the Councils corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### 2.2 CORPORATE AND STRATEGIC DIRECTIONS

Council exists to provide services to its community. Some of these services are provided by Sewerage infrastructure assets. Council's goal in managing sewerage assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of sewerage asset management are:

- taking a life cycle approach
- developing cost-effective management strategies for the long term
- providing a defined level of service and monitoring performance
- understanding and meeting the demands of growth through demand management and infrastructure investment
- managing risks associated with asset failures
- sustainable use of assets

### 2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS

Reticulated sewerage schemes are provided to Biloela, Moura, Taroom and Theodore. Banana Shire Council aims to ensure that these schemes are reliable and adequately maintained.

Council is faced with maintaining ageing schemes that have deteriorated over time and now require significant refurbishment. However, Council will take all reasonable care to minimise the number of sewage overflows to public and private property, and to protect residences health.

Council's sewerage assets are divided into active and passive assets. Passive sewerage assets include assets from the following asset categories in Council's Asset Management System.

#### Sewer Mains



Town	Total Pipe Length (m)	Replacement Value (\$)	WDV @ 30/6/18 (\$)
<b>Gravity Mains</b>			
Biloela	59,508	19,589,511	8,875,577
Moura	30,451	9,656,985	4,947,726
Taroom	16,951	5,341,231	2,392,362
Theodore	6,389	1,974,463	720,667
<b>TOTAL</b>	<b>113,298</b>	<b>36,562,191</b>	<b>16,936,333</b>
<b>Rising Mains</b>			
Biloela	7,224	1,687,521	832,785
Moura	344	96,733	27,630
Taroom	1,505	315,089	235,863
Theodore	1,023	240,220	72,047
<b>TOTAL</b>	<b>10,096</b>	<b>2,339,562</b>	<b>1,168,325</b>
<b>TOTAL</b>	<b>123,394</b>	<b>38,901,753</b>	<b>18,104,658</b>

#### Sewer Mains Replacement Value @ 30/06/18

Town	Total Pipe Length (m)	Main	Relining	TOTAL
<b>Gravity Mains</b>				
Biloela	59,508	18,261,842	1,327,669	19,589,511
Moura	30,795	9,614,341	139,377	9,753,718
Taroom	16,951	5,171,449	169,782	5,341,232
Theodore	6,389	1,927,166	47,297	1,974,463
<b>TOTAL</b>	<b>113,642</b>	<b>34,974,798</b>	<b>1,684,125</b>	<b>36,658,923</b>
<b>Rising Mains</b>				
Biloela	7,224	1,687,521		1,687,521
Moura	344	96,733		96,733
Taroom	1,505	315,089		315,089
Theodore	1,023	240,220		240,220
<b>TOTAL</b>	<b>10,096</b>	<b>2,339,562</b>	<b>-</b>	<b>2,339,562</b>
<b>TOTAL</b>	<b>123,738</b>	<b>37,314,360</b>	<b>1,684,125</b>	<b>38,998,486</b>

#### Sewer Nodes (Manholes)

Town	Number of Connections	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Biloela	1,113	4,788,658	2,101,547
Moura	546	2,215,016	1,343,433
Taroom	267	1,136,716	360,632
Theodore	117	499,753	222,032
<b>TOTAL</b>	<b>2,043</b>	<b>8,640,143</b>	<b>4,027,644</b>

Active sewerage assets include assets at Sewer Treatment Plants and Sewer Pump Stations. These assets are recorded in the following asset categories in Council's Asset Management System. Sewer Treatment Systems, Sewer Pump Stations, Sewer Plant & Equipment, Sewer Pumps and Structures.

#### Sewer Treatment Plants

Town	Asset Categories	No of Assets	Replacement Value (\$)	WDV @ 30/6/18 (\$)
<b>Biloela</b>	Sewer Plant & Equipment	42	976,317	492,394
	Sewer Pump	29	271,496	131,637
	Sewer Treatment Systems	61	2,156,216	1,222,406
	Structures	98	7,720,917	3,939,652
	<b>Total</b>	<b>230</b>	<b>11,124,946</b>	<b>5,786,088</b>
<b>Moura</b>	Sewer Plant & Equipment	26	852,710	588,958
	Sewer Pump	16	240,578	165,897
	Sewer Treatment Systems	45	1,265,633	884,372
	Structures	40	5,537,049	3,779,207
	<b>Total</b>	<b>127</b>	<b>7,895,970</b>	<b>5,418,433</b>
<b>Taroom</b>	Sewer Plant & Equipment	4	45,218	19,269
	Sewer Pump	3	20,074	7,871
	Sewer Treatment Systems	9	174,988	83,266
	Structures	28	1,964,724	412,294
	<b>Total</b>	<b>44</b>	<b>2,205,004</b>	<b>522,700</b>
<b>Theodore</b>	Sewer Plant & Equipment	20	1,011,652	951,173



	Sewer Pump	21	194,784	183,044
	Sewer Treatment Systems	39	847,072	807,929
	Structures	43	2,146,830	2,024,558
	<b>Total</b>	<b>123</b>	<b>4,200,338</b>	<b>3,966,704</b>
<b>TOTAL</b>		<b>524</b>	<b>25,426,257</b>	<b>15,693,925</b>

### Sewer Pump Stations

There are a total of 23 Sewer Pump Stations in the Shire

Town	Asset ID	Pump Station Name	Replacement Value (\$)	WDV @ 30/6/18 (\$)
<b>Biloela</b>	BIL-SPS1	Dee Street Pump Station	411,278	370,934
	BIL-SPS2	Netley Street Pump Station	-	-
	BIL-SPS3	Baptist Pump Station	311,040	242,058
	BIL-SPS4	Dawsons Pump Station	333,024	197,630
	BIL-SPS5	Cooinda Pump Station	254,479	130,306
	BIL-SPS6	Lutheran Pump Station	277,657	168,486
	BIL-SPS7	Joe Kooyman Pump Station	240,789	169,752
	BIL-SPS8	Hills Ave Pump Station	267,762	204,563
	BIL-SPS9	Plains Playgroup Pump Station	256,489	173,204
	BIL-SPS10	PCYC Pump Station	191,172	145,015
	BIL-SPS11	Mrs Kooymans Pump Station	220,268	160,263
	BIL-SPS12	Wahroonga Pump Station	231,898	151,053
	BIL-SPS13	Single Men's Pump Station	247,165	158,652
	BIL-SPS14	Silo Pump Station	267,770	146,189
	BIL-SPS15	Biloela Motors Pump Station	229,239	126,072
	BIL-SPS16	Mobbs Street Pump Station	209,719	98,597
	<b>Total</b>		<b>3,949,748</b>	<b>2,642,774</b>
<b>Moura</b>	MOU-SPS1	Moura Sewerage Pump Station	268,963	182,407
<b>Taroom</b>	TAR-SPS1	Taroom Sewage Pump Station 1	341,409	116,249
	TAR-SPS2	Taroom Sewage Pump Station 2	254,424	109,350
	TAR-SPS3	Taroom Sewage Pump Station 3	158,347	79,787
	TAR-SPS4	Taroom Sewage Pump Station 4	194,433	113,978
	<b>Total</b>		<b>948,613</b>	<b>419,363</b>
<b>Theodore</b>	THE-SPS1	Theodore Sewage Pump Station 1	160,090	117,103
	THE-SPS2	Theodore Sewage Pump Station 2	153,681	104,507
	THE-SPS3	Theodore Sewage Pump Station 3	283,217	174,960
	<b>Total</b>		<b>596,988</b>	<b>396,570</b>
<b>TOTAL</b>			<b>5,764,312</b>	<b>3,641,115</b>

### Sewer Pump Stations - Summary

Town	Asset Categories	No of Assets	Replacement Value (\$)	WDV @ 30/6/18 (\$)
<b>Biloela</b>	Sewer Plant & Equipment	31	52,029	37,128
	Sewer Pump	30	459,984	321,293
	Sewer Treatment Systems	54	1,963,140	1,279,047
	Structures	111	1,474,595	1,005,306
	<b>Total</b>	<b>226</b>	<b>3,949,748</b>	<b>2,642,774</b>
<b>Moura</b>	Sewer Plant & Equipment	3	9,171	6,468
	Sewer Pump	2	27,946	19,555
	Sewer Treatment Systems	5	152,073	114,061
	Structures	7	79,773	42,323
	<b>Total</b>	<b>17</b>	<b>268,963</b>	<b>182,407</b>
<b>Taroom</b>	Sewer Plant & Equipment	6	6,848	4,539
	Sewer Pump	8	127,672	38,014
	Sewer Treatment Systems	15	532,266	245,809
	Structures	24	281,827	131,001
	<b>Total</b>	<b>53</b>	<b>948,613</b>	<b>419,363</b>
<b>Theodore</b>	Sewer Plant & Equipment	7	15,285	8,556
	Sewer Pump	4	57,898	40,513
	Sewer Treatment Systems	11	342,034	229,258
	Structures	15	181,771	118,243
	<b>Total</b>	<b>37</b>	<b>596,988</b>	<b>396,570</b>
<b>TOTAL</b>		<b>333</b>	<b>5,764,312</b>	<b>3,641,115</b>



### 3. LEVELS OF SERVICE

#### 3.1 LEVELS OF SERVICE FRAMEWORK

The Level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services.

#### 3.2 CURRENT LEVEL OF SERVICE

Community Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness.

Community levels of service are:

Quality	How good is the service?
Function	Does it meet users' needs?
Capacity/Utilisation	Is the service over or under used?

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

Service Criteria	Technical measures may relate to
Quality	Nil odour omitting from sewer manholes or house connections
Quantity	Consistent flow
Availability	No blockages or overflows
Safety	No system failures to create dangerous situations

##### 3.2.1 Service Standards

Description	Level of service
<b>AVAILABILITY OF SERVICE</b>	
Extent of areas serviced	Biloela, Moura, Taroom, Theodore
<b>SERVICE INTERRUPTIONS TO CONSUMERS</b>	
<b>Planned</b>	
Notice given to customers	48 hours
<b>Unplanned</b>	
Maximum duration of interruptions	8 hours
Commencement of work to resolve problem	Within 4 hours
<b>SERVICE PROVIDED</b>	
Time to undertake the installation of a standard sewerage "jump-up" property connection	Within 21 days of receipt of request and payment

##### 3.2.2 Performance Targets

The following table provides a summary of the Banana Shire Council's adopted performance targets. These targets will be reported on and reviewed as required.

Performance Indicators	Target
Effective Transport of Sewage Waste Effluent	
Total sewerage main breaks and chokes	<25 per 100km of main
Effective Transport of Sewage Waste Effluent	
Total water and sewerage complaints	<100 per 1,000 properties



### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. This will be developed in future revisions of this asset management plan.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively promoted by letter box drops, council and community newsletters and brochures, council's web page and newspapers circulating in the shire.

From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.

## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during design of sewerage infrastructure.

### 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets, and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures.

Technology changes are forecast to affect the delivery of services in the areas outlined below

Technology change	Effect of service delivery
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Construction methods and materials	Potential to increase asset life of sewerage treatment facilities and their components through reduced construction and/or maintenance requirements



## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.

RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastroph C Death, huge \$ cost
Almost Certain Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
Likely Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
Possible Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
Unlikely Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
Rare May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:

Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above

### 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Asset failure resulting in sewerage overflow	Possible	Major	18	Prioritise capital and maintenance works based on condition
Sewerage treatment system fails	Unlikely	Major	14	Trained operators Alarms system Procedures for testing Standby pumps Routine maintenance
Insufficient funding to renew sewerage infrastructure	Possible	Major	18	Prioritise capital and maintenance works based on condition
Significant asset loss for disaster (fire, flood, malicious damage)	Possible	Major	18	Keep Insurance current Offsite storage of data backups Disaster Management Plan updated and current
Mains being damaged by digging equipment	Likely	Major	21	Non-compliance works to be given consideration in renewal of asset Undertake regular inspections and maintenance regimes



Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Inappropriate asset and service management	Possible	Major	18	Provide appropriate skills and training

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of most assets covered by this plan will depend on a range of environmental factors. The estimated useful lives given below were determined in the 2017 valuation.

Asset Category	Useful Life (years)	Year Depreciation 2018
Sewer Mains	50,60,70,80,90,120	532,252
Sewer Manholes	60	141,298
Sewer Plant & Equipment	20,30,40,80	133,153
Sewer Pump	20	68,716
Sewer Treatment Systems	15,20,30,40,80	273,895
Structures	20,30,40,60,80,150	339,191
<b>TOTAL</b>		<b>1,488,505</b>

### 6.2 CURRENT CONDITION OF ASSETS

Asset condition is monitored by investigative work, visual inspection, and asset failure.

Sewerage Infrastructure Condition Scoring System – Banana Shire Council currently uses the following 5 point condition scoring system when assessing sewerage assets.

#### Condition Rating Criteria

- 1 As new condition, no visible signs of wear and tear or defect
- 2 In good condition with some obvious signs of wear and tear but no evidence of deterioration
- 3 In fair condition, minor evidence of deterioration of the element which could potentially shorten life
- 4 In poor condition with evidence of minor isolated failure in an element which will reduce future life, maintenance costs high
- 5 Total failure of the element, extreme risk in leaving asset in service

Typically sewerage assets with condition scores of 4 or higher will be considered for inclusion in a renewal program.



### Sewer Mains – Length of pipe in meters

Town	Pipe Material	Useful Life	CONDITION RATING				
			1	2	3	4	5
Biloela	AC	70 and 120 (relined)	659	7,141	18,160	31,232	104
	DICL	60				127	
	GRP	70 and 120 (relined)		6	127		
	POLY	70	761				
	OPVC	60	416				
	PVC	60,70,120 (relined)	294				
	UPVC	60,70 and 120 (relined)	2,987	1,456	3,138	127	
	<b>TOTAL</b>		<b>5,116</b>	<b>8,603</b>	<b>21,425</b>	<b>31,485</b>	<b>104</b>
Moura	AC	70 and 120 (relined)	436	1,262	17,703	6,185	
	DICL	60,70	41		21		
	PVC	60,70,120 (relined)	338		55		
	UPVC	60,70 and 120 (relined)	4,675		34	46	
	<b>TOTAL</b>		<b>5,490</b>	<b>1,262</b>	<b>17,812</b>	<b>6,231</b>	<b>-</b>
Taroom	AC	70 and 120 (relined)		1,411		12,234	
	POLY	80	686		150		
	PVC	60,70,120 (relined)	490	2,514	313	42	
	UPVC	60,70 and 120 (relined)	616				
	<b>TOTAL</b>		<b>1,792</b>	<b>3,925</b>	<b>463</b>	<b>12,276</b>	<b>-</b>
Theodore	AC	70 and 120 (relined)	70	526		6,369	
	CI	50					33
	CONC	50					52
	PVC	60,70,120 (relined)	362				
	<b>TOTAL</b>		<b>432</b>	<b>526</b>	<b>-</b>	<b>6,369</b>	<b>85</b>
<b>TOTAL</b>	<b>ALL TOWNS</b>		<b>12,830</b>	<b>14,316</b>	<b>39,700</b>	<b>56,361</b>	<b>189</b>

### Sewer Manholes - Total Replacement Value of assets within the following conditions (\$)

Town	Useful Life	CONDITION RATING				
		1	2	3	4	5
Biloela	60	513,818	1,323,711	855,305	752,495	1,343,330
Moura	60	129,285	1,331,441	244,949	481,197	28,143
Taroom	60	98,910	71,309	59,872	906,626	
Theodore	60	19,990	260,869	22,174	21,383	175,338
<b>TOTAL</b>		<b>762,003</b>	<b>2,987,329</b>	<b>1,182,300</b>	<b>2,161,700</b>	<b>1,546,811</b>

### Sewer Treatment Plants - Total Replacement Value of assets within the following conditions (\$)

Town	Asset Categories	CONDITION RATING				
		1	2	3	4	5
Biloela	Sewer Plant & Equipment	59,222	259,717	559,950	97,427	
	Sewer Pump	19,467	11,585	240,444		
	Sewer Treatment Systems		1,086,547	653,240	416,429	
	Structures	69,836	1,784,218	4,049,608	1,817,256	
	<b>Total</b>	<b>148,525</b>	<b>3,142,067</b>	<b>5,503,242</b>	<b>2,331,112</b>	<b>-</b>
Moura	Sewer Plant & Equipment		811,225	41,484		
	Sewer Pump	27,362	186,142	27,073		
	Sewer Treatment Systems		1,207,303	58,330		
	Structures	2,680,558	1,298,222	654,360	903,909	
	<b>Total</b>	<b>2,707,921</b>	<b>3,502,892</b>	<b>781,248</b>	<b>903,909</b>	<b>-</b>
Taroom	Sewer Plant & Equipment		12,228	32,990		
	Sewer Pump			10,816	9,258	
	Sewer Treatment Systems		34,392	96,333	30,379	13,884
	Structures		151,592	149,943	237,906	1,425,283
	<b>Total</b>	<b>-</b>	<b>198,212</b>	<b>290,082</b>	<b>277,543</b>	<b>1,439,167</b>
Theodore	Sewer Plant & Equipment	1,011,652				
	Sewer Pump	194,784				
	Sewer Treatment Systems	847,072				
	Structures	1,925,631	221,198			
	<b>Total</b>	<b>3,979,139</b>	<b>221,198</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL</b>		<b>6,835,585</b>	<b>7,064,370</b>	<b>6,574,573</b>	<b>3,512,563</b>	<b>1,439,167</b>



**Sewer Pump Stations - Total Replacement Value of assets within the following conditions (\$)**

Town	Asset Categories	CONDITION RATING				
		1	2	3	4	5
<b>Biloela</b>	Sewer Plant & Equipment	11,677	33,016	4,891	2,446	
	Sewer Pump	220,268	114,907	54,473	48,592	21,745
	Sewer Treatment Systems	140,886	1,457,127	126,446	238,681	
	Structures	373,618	704,852	166,566	229,559	
	<b>Total</b>	<b>746,448</b>	<b>2,309,902</b>	<b>352,376</b>	<b>519,278</b>	<b>21,745</b>
<b>Moura</b>	Sewer Plant & Equipment		9,171			
	Sewer Pump		27,946			
	Sewer Treatment Systems	24,048	128,025			
	Structures		36,898		42,875	
	<b>Total</b>	<b>24,048</b>	<b>202,039</b>	<b>-</b>	<b>42,875</b>	<b>-</b>
<b>Taroom</b>	Sewer Plant & Equipment		6,114		734	
	Sewer Pump			71,421	13,523	42,727
	Sewer Treatment Systems		174,614	128,119	229,534	
	Structures		66,830	108,823	106,174	
	<b>Total</b>	<b>-</b>	<b>247,558</b>	<b>308,363</b>	<b>349,965</b>	<b>42,727</b>
<b>Theodore</b>	Sewer Plant & Equipment		9,171		6,114	
	Sewer Pump		57,898			
	Sewer Treatment Systems	34,238	262,715	45,080		
	Structures	18,569	157,088			6,114
	<b>Total</b>	<b>52,807</b>	<b>486,872</b>	<b>45,080</b>	<b>6,114</b>	<b>6,114</b>
<b>TOTAL</b>		<b>823,304</b>	<b>3,246,371</b>	<b>705,819</b>	<b>918,232</b>	<b>70,586</b>

### 6.3 MAINTENANCE & OPERATIONS PROGRAMS

#### 6.3.1 Service Summary

Council strives to minimise the number of sewage overflows to public and private property, and to protect the health of its residents.

For the purpose of this Plan, maintenance is defined as work on existing sewerage infrastructure undertaken with the intention of:

- Preventing further deterioration
- Restoring correct operation within specified parameters
- Making temporary repairs for immediate health, safety and security reasons
- Assessing assets for maintenance requirements

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function and value to the community
- All statutory and technical requirements to ensure health, safety, security and reliability are met

#### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from council's maintenance budget

Planned maintenance consists of preventative, statutory, and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of the asset is below acceptable standards.

Unplanned (often referred to as reactive) maintenance occurs when failure of an asset or component requires immediate attention. It is usually limited to rectification for function, health, safety or security reasons. Assessment and prioritisation of reactive maintenance is undertaken by council staff using experience and judgement.



### 6.3.3 Operation and Maintenance Program Cost

The following information has been compiled from the general ledger in councils financial system.

#### OPERATIONAL COSTS

Town	G/L No.	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 Budget
Sewerage General	6500-2380-0	18,825	92,588	237,212	19,481	56,510	55,000.00
Biloela	6503-2380-0	568,052	636,295	1,051,537	801,375	711,234	600,000.00
Moura	6509-2380-0	423,217	483,444	443,039	457,718	369,852	400,000.00
Taroom	6510-2380-0	197,011	182,285	174,378	188,048	192,420	165,000.00
Theodore	6512-2380-0	104,600	138,029	291,621	203,009	180,568	195,000.00
<b>TOTAL</b>		<b>1,311,705</b>	<b>1,532,641</b>	<b>2,197,787</b>	<b>1,669,631</b>	<b>1,510,584</b>	<b>1,415,000</b>

#### MAINTENANCE COSTS

Town	G/L No.	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 Budget
Biloela	6503-2480-0	391,972	470,800	539,084	192,991	129,901	200,000.00
Moura	6509-2480-0	76,385	105,460	307,653	99,816	106,290	105,000.00
Taroom	6510-2480-0	35,540	29,909	57,354	82,090	11,506	70,000.00
Theodore	6512-2480-0	25,742	22,826	23,167	56,548	45,806	35,000.00
<b>TOTAL</b>		<b>529,639</b>	<b>628,995</b>	<b>927,258</b>	<b>431,445</b>	<b>293,503</b>	<b>410,000</b>

Future revisions of this Plan are expected to more accurately report the proportion of maintenance and operational expenditure and measure its impact on asset condition

### 6.4 ASSET RENEWAL PROGRAM

Renewal expenditure is major work which does not increase the asset's design capacity but generally restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Asset renewal and replacement is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements

It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.

The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

Age  
Material  
Safety  
Failure frequency

Council is working to relining ageing and deteriorating sewerage infrastructure and mains that are no longer viable to repair. Council's planned sewerage main relining program will, over time, help reduce the number of sewerage overflows experienced by consumers as a result of blockages and breaks.

Assets requiring renewal are identified from estimates of remaining life obtained from council's asset management system. Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in for council's 10 Year Capital Works Program.



Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

Sewerage Infrastructure Renewal Expenditure - The table below shows the amounts set aside for sewerage infrastructure renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the weighted current remaining useful life of each asset and asset component. Please refer to Appendix A for the detailed renewal programme.

### Planned Renewal Expenditure

#### Planned Renewal Year

Asset Category	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
<b>Active</b>										
Retic Mains & Manholes	905,000	665,000	665,000	665,000	665,000	665,000	665,000	665,000	665,000	665,000
House Connections	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000
Rising Mains	300,000	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1,375,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>
<b>Passive</b>										
Pump Stations	65,000	281,032	94,602	23,749	6,725	77,618	101,452	-	715,680	-
STP/Headworks	50,000	2,221,600	485,652	-	-	21,600	-	1,443,816	68,759	-
SCADA/Telemetry	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>115,000</b>	<b>2,502,632</b>	<b>580,254</b>	<b>23,749</b>	<b>6,725</b>	<b>99,218</b>	<b>101,452</b>	<b>1,443,816</b>	<b>784,439</b>	<b>-</b>
<b>TOTAL RENEWAL</b>	<b>1,490,000</b>	<b>3,337,632</b>	<b>1,415,254</b>	<b>858,749</b>	<b>841,725</b>	<b>934,218</b>	<b>936,452</b>	<b>2,278,816</b>	<b>1,619,439</b>	<b>835,000</b>

## 6.5 ASSET ACQUISITION

### 6.5.1 New, Additional or Upgrade Asset Program / Costs

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.

New assets and upgrade/expansion of existing assets are identified from various sources, such as Councilor or community requests, proposals identified by strategic plans or partnerships with other organisations.

Candidate proposals are inspected to verify need and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in future works programs. The following criteria is applied to assess priority

Existing sewerage infrastructure in existing area

Development areas

Non-compliance with existing infrastructure

### Capital Investment Strategies

Council will plan capital upgrade and new projects to meet level of service objectives by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner
- Undertake project scoping for all capital upgrade/new projects to identify:
  - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
  - the project objectives to rectify the deficiency, including value management for major projects
  - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
  - management of risks associated with alternative options



- and evaluate the options against evaluation criteria adopted by Council, and select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure the organisation is obtaining best value for resources used.

Sewerage Infrastructure Construction & Acquisition - The table below shows the amounts set aside for sewerage infrastructure renewals, upgrades and the construction of new sewerage infrastructure in Council's Ten Year Financial Forecast.

### 10 Year Renewal/ upgrade/ New Assets Plan

Asset Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2027-29
<b>Active</b>										
Retic Mains & Manholes - Renewal	905,000	665,000	665,000	665,000	665,000	665,000	665,000	665,000	665,000	665,000
Retic Mains & Manholes - Upgrade	0	0	0	0	0	0	0	0	0	0
Retic Mains & Manholes - New	-	-	-	-	-	-	-	-	-	-
House Connections - Renewal	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000	170,000
House Connections - Upgrade	-	-	-	-	-	-	-	-	-	-
House Connections - New	-	-	-	-	-	-	-	-	-	-
Rising Mains - Renewal	300,000	-	-	-	-	-	-	-	-	-
Rising Mains - Upgrade	0	0	0	0	0	0	0	0	0	0
Rising Mains- New	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1,375,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>
<b>Passive</b>										
Pump Stations - Renewal	65,000	281,032	94,602	23,749	6,725	77,618	101,452	0	715,680	0
Pump Stations - Upgrade	50,000	0	0	0	0	0	0	0	0	0
Pump Stations- New	1,080,000	0	0	0	0	0	0	0	0	0
STP/Headworks - Renewal	50,000	2,221,600	485,652	0	0	21,600	0	1,443,816	68,759	0
STP/Headworks - Upgrade	-	40,000	-	-	-	-	-	-	-	-
STP/Headworks- New	5,000	-	-	-	-	-	-	-	-	-
SCADA/Telemetry - Renewal	0	0	0	0	0	0	0	0	0	0
SCADA/Telemetry - Upgrade	170,000	0	21,000	7,000	0	21,000	7,000	0	0	0
SCADA/Telemetry- New	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1,420,000</b>	<b>2,542,632</b>	<b>601,254</b>	<b>30,749</b>	<b>6,725</b>	<b>120,218</b>	<b>108,452</b>	<b>1,443,816</b>	<b>784,439</b>	<b>0</b>
<b>TOTALS</b>	<b>2,795,000</b>	<b>3,377,632</b>	<b>1,436,254</b>	<b>865,749</b>	<b>841,725</b>	<b>955,218</b>	<b>943,452</b>	<b>2,278,816</b>	<b>1,619,439</b>	<b>835,000</b>

## 6.6 ASSET DISPOSAL

A quality portfolio of assets should efficiently, effectively and economically sustains delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of sewerage infrastructure assets must be based on sound evaluations that fully reflect council's service delivery goals. At this point in time no disposals are planned.



## 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be recognised as a key driver during the design process. Evidence suggests that good design/ construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

### 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Sewerage Infrastructure Valuation figures below were extracted from the Assetic Reconciliation Report as at 30<sup>th</sup> June 2018.

Asset Category	Quantity	Replacement Cost (\$)	WDV @ 30/6/18 (\$)
Sewerage Treatment Plants	4	25,426,257	15,693,925
Sewerage Pump Stations	23	5,764,312	3,641,115
<b>Active</b>	<b>Total</b>	<b>31,190,569</b>	<b>19,335,040</b>
Sewer Mains	123,394 metres	38,901,753	18,104,658
Sewer Manholes	2043	8,640,143	4,027,644
<b>Passive</b>	<b>Total</b>	<b>47,541,896</b>	<b>22,132,302</b>
<b>TOTAL</b>		<b>78,732,465</b>	<b>41,467,343</b>

### 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
Operational	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000	1,415,000
Maintenance	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000
<b>Active</b>										
Renewals	1,375,000	835,000	835,000	835,000	835,000	835,000	835,000	835,000	835,000	0
Upgrades	0	0	0	0	0	0	0	0	0	0
New Assets	0	0	0	0	0	0	0	0	0	835,000
<b>Total</b>	<b>1,375,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>	<b>835,000</b>
<b>Passive</b>										
Renewals	115,000	2,502,632	580,254	23,749	6,725	99,218	101,452	1,443,816	784,439	0
Upgrades	220,000	40,000	21,000	7,000	0	21,000	7,000	0	0	0
New Assets	1,085,000	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,420,000</b>	<b>2,542,632</b>	<b>601,254</b>	<b>30,749</b>	<b>6,725</b>	<b>120,218</b>	<b>108,452</b>	<b>1,443,816</b>	<b>784,439</b>	<b>0</b>
<b>TOTAL</b>	<b>4,620,000</b>	<b>5,202,632</b>	<b>3,261,254</b>	<b>2,690,749</b>	<b>2,666,725</b>	<b>2,780,218</b>	<b>2,768,452</b>	<b>4,103,816</b>	<b>3,444,439</b>	<b>2,660,000</b>

### 7.3 FUNDING STRATEGY

Renewals and upgrades are to be funded from council's Capital Works Program and grants where available.



## 8. ASSET MANAGEMENT PRACTICES

### 8.1 ACCOUNTING FINANCIAL SYSTEM

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for Asset Depreciation.

### 8.2 ASSET MANAGEMENT SYSTEM(S)

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (MapInfo) and have the same asset ID number as Assetic. A hot link is being developed to link Assetic & MapInfo. All asset financial and inventory data is recorded in Assetic.

### 8.3 PERFORMANCE MEASURES

#### 8.3.1 Service Standards

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into council's long term financial plan.
- Informed decisions on expenditure allocations with regard to levels of service.

### 8.4 IMPROVEMENT PROGRAM

Actions	Responsible Officer	Date Required	Priority
Refine sewerage assets data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives	Manager Water Services, Asset Management Advisor, Manager Financial Services	30/03/17 COMPLETE	
Link assets in Assetic to GIS	GIS Officer	30/09/16 COMPLETE	
Refine water infrastructure operational and maintenance costs	Manager Financial Services	30/03/17 COMPLETE	
Review this report and action plan	Asset Management Advisor	30/12/19	1

#### 8.4.1 Monitoring and Review Process & Procedures

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.



## 9. APPENDICES

### 9.1 APPENDIX A

#### ASSET REPLACEMENT PLAN

	2019-20			2020-21			2021-22			2022-23			2023-24			2024-25			2025-26			2026-27			2027-28			2027-28		
	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New
General (ie benefits All Schemes)																														
Retic Mains & Manholes																														
House Connections																														
Rising Mains																														
Pump Stations																														
STP/Headworks				40,000																										
SCADA/Telemetry																														
Biloela																														
Retic Mains & Manholes	520,000	-	-	230,000			230,000			230,000			230,000			230,000			230,000			230,000			230,000			230,000		
House Connections	100,000	-	-	100,000			100,000			100,000			100,000			100,000			100,000			100,000			100,000			100,000		
Rising Mains	300,000			-			-			-			-			-			-			-			-			-		
Pump Stations	15,000	50,000	1,070,000	235,962			18,191			10,226			6,725			12,209			-			-			488,880			-		
STP/Headworks				-			485,652			-			-			-			-			1,443,816			-			-		
SCADA/Telemetry		100,000		-			7,000			-			-			7,000			-			-			-			-		
Moura																														
Retic Mains & Manholes	145,000	-	-	195,000			195,000			195,000			195,000			195,000			195,000			195,000			195,000			195,000		
House Connections	30,000	-	-	30,000			30,000			30,000			30,000			30,000			30,000			30,000			30,000			30,000		
Rising Mains	-	-	-	-			-			-			-			-			-			-			-			-		
Pump Stations	-	-	-	-			-			-			-			-			101,452			-			32,400			-		
STP/Headworks	50,000		-	21,600			-			-			-			21,600			-			-			-			-		
SCADA/Telemetry		30,000					14,000			-			-			14,000			-			-			-			-		
Taroom																														
Retic Mains & Manholes	170,000	-	-	170,000			170,000			170,000			170,000			170,000			170,000			170,000			170,000			170,000		
House Connections	20,000	-	-	20,000			20,000			20,000			20,000			20,000			20,000			20,000			20,000			20,000		
Rising Mains	-	-	-	-			-			-			-			-			-			-			-			-		
Pump Stations	50,000	-	5,000	45,070			76,411			13,523			-			59,295			-			-			129,600			-		
STP/Headworks	-	-	-	2,200,000			-			-			-			-			-			-			68,759			-		
SCADA/Telemetry		20,000		-			-			-			-			-			-			-			-			-		
Theodore																														
Retic Mains & Manholes	70,000	-	-	70,000			70,000			70,000			70,000			70,000			70,000			70,000			70,000			70,000		
House Connections	20,000	-	-	20,000			20,000			20,000			20,000			20,000			20,000			20,000			20,000			20,000		
Rising Mains	-	-	-	-			-			-			-			-			-			-			-			-		
Pump Stations	-	-	5,000	-			-			-			-			6,114			-			-			64,800			-		
STP/Headworks	-	-	5,000	-			-			-			-			-			-			-			-			-		
SCADA/Telemetry	-	20,000	-	-			-			7,000			-			-			7,000			-			-			-		
Totals	1,490,000	220,000	1,085,000	3,337,632	40,000	-	1,415,254	21,000	-	858,749	7,000	-	841,725	-	-	934,218	21,000	-	936,452	7,000	-	2,278,816	-	-	1,619,439	-	-	835,000	-	-



# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN FOR WASTE FACILITIES**





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Adopted by .....

Date .....

For review December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	January 2018	Asset Management Coordinator	26/4/18
2	January 2019	Asset Management Coordinator	
3			
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all waste facility assets and services under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the community. Waste Facility assets are provided to facilitate services to the community.

### 1.2 SUMMARY

Council provides Waste Facilities to enable the delivery of the required level of service to existing and future customers in the most cost effective way. This plan is intended to demonstrate how council will achieve this outcome by applying the principles of responsible asset management.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland.

Council plans to operate and maintain its Waste Facilities assets to achieve the following strategic objectives.

- Ensure that the facilities are maintained at a safe and functional standard
- Ensure that the facilities deliver the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of assets is achieved through best appropriate practices.

### 1.3 INPUTS TO LONG TERM FINANCIAL PLAN

Council has acquired Waste Facility assets by contract, construction by council staff and by donation of assets constructed by developers and others to meet increased levels of service. This asset management plan covers the following infrastructure assets.

Asset covered in this plan include

Asset Category	Asset Type	Replacement Value	WDV @ 30/6/18
Waste	Bin	224,000	107,397
	Fencing	373,548	175,565
	Hardstand	357,078	196,805
	Lighting	12,000	7,103
	Other	1,428,861	1,056,281
	Road	594,692	331,561
<b>TOTAL</b>		<b>2,990,179</b>	<b>1,874,711</b>

There are two key indicators of cost to provide the services provided by the Waste Facility assets identified in this plan. The maintenance and operational costs and renewal costs. Councils 2016-17 total maintenance and operational budget is:

	GL Number	Budget 2018-19
Cleans General - Op Expense	3800-2380-0000	700,000
WASTE-Operating Expenses	3840-2380.0000	1,290,000
WASTE-General Operating Expenses	3840-2385.0000	50,000
Trap Gully Landfill - Op Expense	3860-2380.0000	600,000
<b>TOTAL</b>		<b>2,640,000</b>

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful



life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2027-29
<b>Operational</b>	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000
<b>Maintenance</b>	-	-	-	-	-	-	-	-	-	-
<b>Rehabilitation</b>	2,600,000	930,000	880,000	880,000	880,000	580,000	580,000	580,000	580,000	580,000
<b>Renewals</b>	-	-	-	-	-	-	-	-	-	-
<b>Upgrades</b>	-	-	-	-	-	-	-	-	-	-
<b>New Assets</b>	1,924,800	974,400								
<b>TOTAL</b>	<b>7,164,800</b>	<b>4,544,400</b>	<b>3,520,000</b>	<b>3,520,000</b>	<b>3,520,000</b>	<b>3,220,000</b>	<b>3,220,000</b>	<b>3,220,000</b>	<b>3,220,000</b>	<b>3,220,000</b>

## 2. INTRODUCTION

### 2.1 BACKGROUND

#### Our Vision

“Shire of Opportunity”

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Waste Facilities Asset & Services Management Plan is the link between the Council's corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### 2.2 CORPORATE AND STRATEGIC DIRECTIONS

Council exists to provide services to its community. Some of these services are provided by waste facility assets. Council's goal in managing these assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of waste facility asset management are:

- taking a life cycle approach
- developing cost-effective management strategies for the long term
- providing a defined level of service and monitoring performance
- understanding and meeting the demands of growth through demand management and infrastructure investment
- managing risks associated with asset failures
- sustainable use of assets

### 2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS

Council's main waste management focus over recent years has been to establish long term effective contracts with a number of waste management businesses to provide kerbside collection services and also waste site management services. Some initiatives undertaken in this time include –

- Construction of permanent transfer stations at Moura, Banana, Baralaba, Thangool, Wowan, Jambin and Theodore.
- Contract waste service provider for kerbside collection resulting in a reduction in both fleet and operator costs.



- Installation of security cameras at all transfer station sites with access to live data as well as a recorded history at Councils Main Office.
- Increased focus on removing scrap metal from landfill cells to maximise/optimize landfill space and to generate revenue from the sale of scrap metal.
- Planned upgrades to boundary fences and installation of litter fences to contain waste to meet legislative compliance.
- Introduction of green waste mulching.
- Introduction of asbestos fees to better manage this waste at Trap Gully Landfill.
- Introduction of fees for tyres and larger commercial loads to more equitably share the costs across the users.

Biloela Trap Gully Landfill is a manned and gated site operating between 7am and 4pm Monday to Friday. Refer to Councils Fees and Charges for current waste disposal costs.

Biloela Transfer Station is also a manned and gated site operating between 7am and 5.30pm, 7 days per week. Council currently has a 5 year management contract (expiring 2021/22) to manage this facility.

Moura Transfer Station operates 7am and 5.30pm, 7 days per week and is a manned site. Council currently has a 5 year management contract (expiring 2021/22) to manage this facility.

Taroom and Cracow landfills, and Banana, Baralaba, Thangool, Wowan, Jambin and Theodore transfer stations operate 24 hours a day, 7 days a week.

Banana Shire currently does not offer a kerbside recycling service. Residents are encouraged to recycle at their local transfer station or landfill.

Council encourages separation of greenwaste materials, such as branches and garden clippings, so that they can be stockpiled ready for mulching. The more clean rubbish free green waste received at the landfill sites and transfer stations, the more mulch that can be produced. Council offers the mulch to residents free of charge.

drumMUSTER is for the collection of empty, clean chemical containers around the Shire. Collection facilities are located at Biloela Transfer Station, Moura Transfer Station, Taroom Works Depot, Wowan Dixalea area and Theodore Aerodrome. There is also an on farm processing service available for large number of drums 500+.

Council has locked bins at both Moura and Biloela transfer stations for the collection of small quantities of household hazardous chemicals. Residents who have larger quantities (1 litre or more) of household hazardous chemicals can register with ChemClear, who will arrange an annual collection of these chemicals.

Council is committed to providing quality Waste Management Services to the community. Below is a list of Councils transfer stations and landfill sites and their assets.

## WASTE FACILITIES

Town	Asset Type	Replacement Value	WDV @ 30/6/18
<b>Banana Transfer Station</b>	Bin	40,000	23,892
	Fencing	35,000	24,338
	Road	42,282	38,536
	<b>Totals</b>	<b>117,282</b>	<b>86,766</b>
<b>Baralaba Transfer Station</b>	Bin	40,000	23,892
	Fencing	35,650	19,890
	Road	22,482	15,789
	<b>Totals</b>	<b>98,132</b>	<b>59,571</b>
<b>Biloela Transfer Station</b>	Fencing	47,000	26,783
	Hardstand	245,000	132,740
	Other	139,900	86,433
	Road	132,746	38,386
	<b>Totals</b>	<b>564,646</b>	<b>284,342</b>
<b>Cracow Land Fill</b>	Fencing	30,145	12,533
	Other	12,520	6,763.71
	Road	20,826	9,276
	<b>Totals</b>	<b>63,491</b>	<b>28,573</b>



Town	Asset Type	Replacement Value	WDV @ 30/6/18
Jambin Transfer Station	Fencing	14,700	4,342
	Hardstand	70,452	34,379
	<b>Totals</b>	<b>85,152</b>	<b>38,721</b>
Moura Transfer Station	Bin	32,000	19,114
	Fencing	42,000	13,606
	Hardstand	33,600	23,429
	Lighting	12,000	7,103
	Other	120,000	66,261
	Road	193,731	99,013
	<b>Totals</b>	<b>433,331</b>	<b>228,526</b>
Taroom Land Fill	Fencing	29,645	12,354
	Other	11,629	5,226
	<b>Totals</b>	<b>41,274</b>	<b>17,580</b>
Thangool Transfer Station	Bin	32,000	12,714
	Fencing	24,850	14,830
	Road	37,112	18,930
	<b>Totals</b>	<b>93,962</b>	<b>46,474</b>
Theodore Transfer Station	Bin	40,000	15,892
	Fencing	68,250	30,485
	Road	35,755	16,197
	<b>Totals</b>	<b>144,005</b>	<b>62,574</b>
Trap Gully Land Fill	Fencing	30,558	7,025
	Hardstand	8,026	6,257
	Other	1,144,812	891,597
	Road	100,213	92,617
	<b>Totals</b>	<b>1,283,609</b>	<b>997,496</b>
Wowan Transfer Station	Bin	40,000	11,892
	Fencing	15,750	9,377
	Road	9,545	2,818
	<b>Totals</b>	<b>65,295</b>	<b>24,087</b>
<b>TOTAL</b>		<b>2,990,179</b>	<b>1,874,711</b>

Please note that all Buildings within these facilities are not included in this plan as they are accounted for in the Buildings Asset Management Plan.

### 3. LEVELS OF SERVICE

#### 3.1 LEVELS OF SERVICE FRAMEWORK

The level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services.

The current levels of service for each landfill and waste transfer station site, including hours of operation, landfill fees, waste types accepted etc. are identified on the Banana Shire Council website.

Council provides a weekly kerbside collection service for domestic and commercial waste. The area serviced is restricted to 'defined collection areas' across the region.

Maps of the defined collection areas can be accessed by referring to the Banana Shire Council website. The kerbside collection for commercial businesses is not set to a rigid weekly collection with some businesses receiving two (2) or three (3) collections per week.

Council provides a variety of waste diversion initiatives including

- Member of the drumMuster program to recycle waste containers for agricultural & vet chemicals.
- Member of ChemClear Collect program to recycle used waste chemicals bi-annually.
- Provision of Waste Oil Storage tanks at each transfer station for collection and recycling of waste oils. These are provided for residents only not for commercial use.
- Green waste mulching with mulch offered to residents free of charge.
- Battery Storage for collection and recycling of waste batteries.



- Provision of a baler at the Biloela Transfer Station to bale commodities such as paper, cardboard and aluminium.
- Drop-off centres at our transfer stations for scrap steel, cardboard, aluminium and plastics.
- Salvage Rights contracts to divert potential waste from the landfill for resale as a useful commodity at nominated transfer stations.

### 3.2 CURRENT LEVEL OF SERVICE

Current Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness.

Community levels of service are:

Quality	How good is the service?
Function	Does it meet users' needs?
Capacity/Utilisation	Is the service over or under used?

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

<b>Service Criteria</b>	<b>Technical measures may relate to</b>
Quality	Reliability of collection services
Quantity	Appropriate service capacity and frequency
Availability	Distance from a property to a waste facility
Safety	Number of injury accidents

Key performance measure	Level of service	Performance Measure Process	Performance Target
<b>COMMUNITY LEVELS OF SERVICE</b>			
QUALITY	Rubbish is collected without spillage	Number of reported complaints	No complaints
QUANTITY	Rubbish is collected to schedule.	Number of reported complaints	5 per year
AVAILABILITY	Distance to waste facilities	Number of reported complaints	No complaints
SAFETY	Service is safe and free from hazards	Number of reported incidents/accidents	No Incidents/Accidents caused by waste processes.
<b>TECHNICAL LEVELS OF SERVICE</b>			
QUALITY	Rubbish is collected without spillage	Number of reported complaints	No complaints
CONDITION	Landfill / Transfer Station machinery and equipment is reliable and well maintained	Inspect all assets regularly and prioritise and repair defects to ensure they are safe.	No complaints Maintenance Schedule
FUNCTION	A waste facility is located within a reasonable distance of all residents. Waste facilities operate during equitable opening times.	Number of reported complaints	No complaints
SUSTAINABILITY	Resource recovery from landfill and waste facilities. Waste facilities are managed in a way to meet all legislative requirements. The waste facilities are managed with respect to future generations	Provision of waste recycling facilities and reduction of waste to landfill initiatives	Designs incorporate energy efficiency principles and waste reduction

### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. This will be developed in future revisions of this asset management plan.



In terms of available infrastructure, the levels of service provided at the waste facilities are historic, and are not based on any current survey or other research into the needs of the users.

The maintenance programs carried out by Council to support these service levels are designed to ensure compliance with regulatory standards.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively promoted by letter box drops, council and community newsletters and brochures, council's web page and newspapers circulating in the shire. From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.

## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during construction of pathways and walking routes.
Climate change	There is continuing discussion about changing climatic conditions, increased rainfall, fluctuations in wet/dry season and periods. Continued variation in weather patterns and extremes is forecast to occur. This is likely to impact on the condition of assets, place pressure on asset lifecycle costs and potentially reduce asset life, e.g. increased moisture in ground and road pavements. There is also potential for more frequent asset failure.		Council continues to monitor conditions and apply for NDRRA funding following severe weather events.

### 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand. Demand management practices include non-asset solutions, insuring against risks and managing failures.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets, and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures. Examples of non-asset solutions include contractors providing services as is the case now for contracted waste collection and the external managing of Transfer Stations.

Technology changes are forecast to affect the delivery of services in the areas outlined below



Technology change	Effect of service delivery
Environmentally Sustainable forms of energy	The ability to incorporate and use alternate energy sources and to include energy saving devices within the main Council sites, Increased costs from installation but improved energy usage costs over time.
Sustainable Waste & Water System	The ability to incorporate waste water systems which collect and re-use water within the sites, decreasing the demand on the potable water supply/costs.
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Construction methods and materials	Technology changes are forecast to affect the delivery of services including plant, equipment and product improvements to allow for more cost and time efficient construction.
New technologies for waste management	More efficient treatment, disposal reuse – increased cost for installations but improved environmental outcomes for communities over time

## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.

RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, huge \$ cost
Almost Certain Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
Likely Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
Possible Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
Unlikely Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
Rare May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:

Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above



## 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Contamination of groundwater	Possible	Major	18	Monitor groundwater quality Landfill cells to be lined and leachate collected and removed
Fire	Possible	Major	18	Monitor landfill gas levels Segregate tyres & green waste Maintain fire break around property boundary Cover active landfill face daily
Incident – leading to personal Injuries and/or damage to equipment	Possible	Major	18	Acceptance criteria for waste types Traffic management plan Regular monitoring of work area for hazards
Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Air contamination	Possible	Major	18	Waste acceptance criteria Litter management Dust suppression procedure Landfill gas monitoring
Surface water contamination	Possible	Major	18	Surface water management system (dams & pump network)

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of most assets covered by this plan will depend on a range of environmental factors. The estimated useful lives given below were determined in the 2014 valuation.

Asset Category	Asset Type	Useful Lives	Current Depreciation	Year
Waste Facilities	Bin	60 years		5,269
	Fencing	35 years		17,835
	Hardstand	60 years		6,765
	Lighting	20 years		\$372.78
	Other	20 - 60 years		210,302
	Road	20 - 60 years		13,589
<b>TOTAL</b>				<b>254,133</b>

### 6.2 CURRENT CONDITION OF ASSETS

Asset condition is monitored by investigative work, visual inspection, and asset failure.

Condition Scoring System – Banana Shire Council currently uses the following 5 point condition scoring system when assessing assets.



### Condition Rating Criteria

- 1 As new condition, no visible signs of wear and tear or defect
- 2 In good condition with some obvious signs of wear and tear but no evidence of deterioration
- 3 In fair condition, minor evidence of deterioration of an element which could potentially shorten life
- 4 In poor condition with evidence of minor isolated failure in an element which will reduce future life, maintenance costs high
- 5 Total failure of the element, extreme risk in leaving asset in service

Typically assets with condition scores of 4 or higher will be considered for inclusion in a renewal program.

### Total replacement value of assets in the following conditions (\$)

Asset Category	Type/Component	CONDITION RATING				
		1	2	3	4	5
Waste Facilities	Bin		112,000	72,000	40,000	
	Fencing		139,250	177,348	56,950	
	Hardstand		249,078	68,000	40,000	
	Lighting		12,000			
	Other	1,079,355	172,584	173,104	3,818	
	Road	42,282	552,410			
<b>TOTAL</b>		<b>1,121,637</b>	<b>1,237,322</b>	<b>490,452</b>	<b>140,768</b>	<b>0</b>

## 6.3 MAINTENANCE & OPERATIONS PROGRAMS

### 6.3.1 Service Summary

Councils waste facility assets must be properly maintained so that they continue to support the delivery of a wide range of council services which fulfil the social, economic and environmental needs of the community

For the purpose of this Plan, maintenance is defined as work on existing infrastructure undertaken with the intention of:

- Preventing further deterioration
- Restoring correct operation within specified parameters
- Making temporary repairs for immediate health, safety and security reasons
- Assessing assets for maintenance requirements

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function an value to the community
- All statutory and technical requirements to ensure health, safety, security and reliability are met

### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from council's maintenance budget

Planned maintenance consists of preventative, statutory, and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of the asset is below acceptable standards.

Unplanned (often referred to as reactive) maintenance occurs when failure of an asset or component requires immediate attention. It is usually limited to rectification for function, health, safety or security reasons. Assessment and prioritisation of reactive maintenance is undertaken by council staff using experience and judgement



### 6.3.3 Operation and Maintenance Program Costs

The following information has been compiled from the general ledger in councils financial system.

#### OPERATIONAL COSTS

	Job Number	2013-14	2014-15	2015-16	2016-17	2017-18
<b>Waste Removal</b>						
General	3800-2380-0000	43,062	61,748	480,353	436,657	509,178
Banana	3801.2380.0000	198	6,293	220	220	287
Baralaba	3802.2380.0000	3,776	14,009	17,470	20,252	21,849
Biloela	3803.2380.0000	278,895	248,298	9,839	17,252	4,612
Callide dam	3804.2380.0000	74				
Cracow	3805.2380.0000			91	91	115
Goovigen	3807.2380.0000					524
Jambin	3808.2380.0000	567	844	63	108	138
Moura	3809.2380.0000	227,607	255,498	919	963	8,470
Taroom	3810.2380.0000	115,172	129,456	138,793	119,775	136,963
Thangool	3811.2380.0000	10,203	7,374	769	476	617
Theodore	3812.2380.0000	444	1,231	361	423	538
Wowan	3813.2380.0000	3,333	57	504	257	328
	<b>Total</b>	<b>683,331</b>	<b>724,808</b>	<b>649,382</b>	<b>596,474</b>	<b>683,619</b>
<b>Transfer Stations / Landfill Sites</b>						
General	3900.2380.0000	10,674	3,856	13,308	11,194	2,965
Banana	3901.2380.0000	43,179	34,869	41,189	86,111	55,884
Baralaba	3902.2380.0000	50,652	42,920	46,638	50,134	51,845
Biloela	3903.2380.0000	451,495	520,001	515,680	508,344	513,785
Callide dam	3904.2380.0000	672				
Cracow	3905.2380.0000	2,464	1,900	9,336	12,640	6,836
Goovigen	3907.2380.0000					
Jambin	3908.2380.0000	52,299	48,657	52,961	73,498	62,967
Moura	3909.2380.0000	184,466	231,190	317,283	295,137	264,173
Taroom	3910.2380.0000	60,083	43,789	48,916	49,847	80,146
Thangool	3911.2380.0000	84,881	88,347	96,969	112,583	98,138
Theodore	3912.2380.0000	132,335	171,534	201,838	157,152	151,700
Wowan	3913.2380.0000	51,400	43,170	42,926	45,789	43,487
Trap Gully	3860-2380.0000	346,731	694,263	568,247	450,739	528,327
	<b>Total</b>	<b>1,471,331</b>	<b>1,924,496</b>	<b>1,955,291</b>	<b>1,853,168</b>	<b>1,860,253</b>
<b>TOTALS</b>		<b>2,154,662</b>	<b>2,649,304</b>	<b>2,604,673</b>	<b>2,449,642</b>	<b>2,543,872</b>

#### MAINTENANCE COSTS

	Job Number	2013-14	2014-15	2015-16	2016-17	2017-18
<b>Transfer Stations / Landfill Sites</b>						404
General						
Thangool	3911.2480.0000			17,777	802	
Theodore	3912.2480.0000		202	209		1,323
Wowan	3913.2480.0000			202	168	517
Trap Gully	3915.2480.0000	230,058	12,827	69,824	3,939	1,323
<b>TOTALS</b>		<b>230,058</b>	<b>13,029</b>	<b>88,012</b>	<b>4,909</b>	<b>3,567</b>

### 6.4 ASSET RENEWAL PROGRAM

Renewal expenditure is major work which does not increase the asset's design capacity but generally restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Asset renewal and replacement is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements



It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.

The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

Age  
Material  
Safety  
Failure frequency

Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in for council's 10 Year Capital Works Program.

Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

Waste Infrastructure Renewal Expenditure - The table below shows the amounts set aside for waste infrastructure renewal in Council's 10 Year Forecast. Please refer to Appendix A for the detailed renewal programme.

#### Planned Renewal Expenditure (\$)

Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Waste Facilities	-	-	-	-	-	-	-	-	-	-

## 6.5 ASSET ACQUISITION

### 6.5.1 New, Additional or Upgrade Asset Program / Costs

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.

New assets and upgrade/expansion of existing assets are identified from various sources, such as Councilor or community requests, proposals identified by strategic plans or partnerships with other organisations.

Candidate proposals are inspected to verify need and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in future works programs.

#### Capital Investment Strategies

Council will plan capital upgrade and new projects to meet level of service objectives by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner
- Undertake project scoping for all capital upgrade/new projects to identify:
  - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
  - the project objectives to rectify the deficiency, including value management for major projects
  - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency



- management of risks associated with alternative options
- and evaluate the options against evaluation criteria adopted by Council, and select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure the organisation is obtaining best value for resources used.

Waste Infrastructure Construction & Acquisition - The table below shows the amounts required for waste infrastructure renewals, upgrades and the construction of new infrastructure in Council's Ten Year Financial Forecast.

#### 10 Year Renewal/ Upgrade/ New Assets Plan (\$)

Asset Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Waste Facilities Rehabilitation	2,600,000	930,000	880,000	880,000	880,000	580,000	580,000	580,000	580,000	580,000
Waste Facilities Renewal	-	-	-	-	-	-	-	-	-	-
Waste Facilities Upgrade	-	-	-	-	-	-	-	-	-	-
Waste Facilities New	1,924,800	974,400								
<b>TOTALS</b>	<b>4,524,800</b>	<b>1,904,400</b>	<b>880,000</b>	<b>880,000</b>	<b>880,000</b>	<b>580,000</b>	<b>580,000</b>	<b>580,000</b>	<b>580,000</b>	<b>580,000</b>

## 6.6 ASSET DISPOSAL

A quality portfolio of assets should efficiently, effectively and economically sustains delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of Waste Facility assets must be based on sound evaluations that fully reflect council's service delivery goals. At this point in time no disposals are planned.

## 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be recognised as a key driver during the design process. Evidence suggests that good design/ construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.



## 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Waste Facilities Valuation figures below were extracted from the Assetic Reconciliation Report as at 30<sup>th</sup> June 2017

Asset Category	Asset Type	Replacement Value	WDV @ 30/6/18
Waste	Bin	224,000	107,397
	Fencing	373,548	175,565
	Hardstand	357,078	196,805
	Lighting	12,000	7,103
	Other	1,428,861	1,056,281
	Road	594,692	331,561
<b>TOTAL</b>		<b>2,990,179</b>	<b>1,874,711</b>

## 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2027-29
<b>Operational</b>	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000	2,640,000
<b>Maintenance</b>	-	-	-	-	-	-	-	-	-	-
<b>Rehabilitation</b>	2,600,000	930,000	880,000	880,000	880,000	580,000	580,000	580,000	580,000	580,000
<b>Renewals</b>	-	-	-	-	-	-	-	-	-	-
<b>Upgrades</b>	-	-	-	-	-	-	-	-	-	-
<b>New Assets</b>	1,924,800	974,400								
<b>TOTAL</b>	<b>7,164,800</b>	<b>4,544,400</b>	<b>3,520,000</b>	<b>3,520,000</b>	<b>3,520,000</b>	<b>3,220,000</b>	<b>3,220,000</b>	<b>3,220,000</b>	<b>3,220,000</b>	<b>3,220,000</b>

## 7.3 FUNDING STRATEGY

Renewals and upgrades are to be funded from council's Capital Works Program and grants where available.

## 8. ASSET MANAGEMENT PRACTICES

### 8.1 ACCOUNTING FINANCIAL SYSTEM

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for Asset Depreciation.

### 8.2 ASSET MANAGEMENT SYSTEM(S)

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (Map Info) and have the same asset ID number as Assetic. A hot link is being developed to link Assetic & Map Info. All asset financial and inventory data is recorded in Assetic.

### 8.3 PERFORMANCE MEASURES

#### 8.3.1 Service Standards

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into council's long term financial plan.
- Informed decisions on expenditure allocations with regard to levels of service.



## 8.4 IMPROVEMENT PROGRAM

Actions	Responsible Officer	Date Required	Priority
Refine waste assets data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives	Principal Environment and Land Management Officer, Asset Management Coordinator, Manager Financial Services	30/12/18 COMPLETED	
Link assets in Assetic to GIS Assets are linked to Facilities and all Facilities have been mapped	GIS Officer	30/12/18 COMPLETED	
Refine waste operational and maintenance costs	Manager Financial Services	30/12/18 COMPLETED	
Review this report and action plan	Asset Management Coordinator	30/12/19	1

### 8.4.1 Monitoring and Review Process & Procedures

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.

## 9. APPENDICES

### APPENDIX A

#### ASSET REPLACEMENT PLAN

2019-20					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Transfer Stations				90,000	All transfer site lighting - approx 3 per site X 6 - 15000 per site
Transfer Stations				50,000	Cameras at all sites 5x 10000
Trap Gully				75,000	Gas bores at Trap Gully x 5 - possibility or using these for engery creation - cost reduction
Cracow Landfill				50,000	Transfer station retrofit & purchase of bins - dependant on potential service provider tender
Biloela Transfer Station				40,000	New shed at Biloela Transfer Station
Biloela Transfer Station				20,000	Biloela Transfer Station - new entrance
Moura Transfer Station				165,600	Moura Transfer Station fencing - dump is on road reserve - conside Purchase of land and legal expenses for waste facility encroachments
Moura Transfer Station				30,000	Land Acquisition at Moura Transfer site
Baralaba Transfer Station				84,000	Baralaba Transfer Station - fencing
Baralaba Transfer Station				72,000	Baralaba Transfer Station - donga
Baralaba Transfer Station				10,000	Baralaba Transfer Station - 10kva generator
Wowan Transfer Station				63,000	Wowan Transfer Station - fence
Wowan Transfer Station				72,000	Wowan Transfer Station - donga
Wowan Transfer Station				10,000	Wowan Transfer Station - 10kva generator
Theodore Transfer Station				95,200	Theodore Transfer Station - fence
Theodore Transfer Station				72,000	Theodore Transfer Station - donga
Theodore Transfer Station				10,000	Theodore Transfer Station - 10kva generator
Taroom Transfer Station				400,000	Taroom Transfer Station - fence
Taroom Transfer Station				316,000	Taroom Transfer Station - facility
Taroom Transfer Station				200,000	Compactor at Taroom - add designers
Transfer Stations	1,200,000				Jambin, Banana, Thangool, Cracow rehabilitation
Trap Gully	300,000				Trap Gully rehabilitation - ongoing work
Waste Strategy & Rehabilitation Plan (whole of shire)	300,000				Required to meet compliance - also Look to relinquish some of the older closed landfill sites (Kokotungo, old Dululu/Goovigen, old Thangool) - Consultant (specialised knowledge) research & reporting - Monitoring is likely to be required over a period of time.
Trap Gully Rehabilitation	800,000				progressive rehabilitation of previously landfilled areas at Trap Gully
<b>Total</b>	<b>2,600,000</b>	<b>-</b>	<b>-</b>	<b>1,924,800</b>	



2020-21					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Moura Transfer Station				200,000	Enhance waste reduction & recovery facility at Moura WTS
Moura Transfer Station				100,000	Moura entrance upgrade
Taroom Transfer Station				150,000	Access road - 100ml Asphalt - 400mx 5m
Transfer Stations				90,000	Enhance transfer stations - chemical sheds, gas bottle cages, battery sheds x 3 sites
Biloela Transfer Station				134,400	Biloela Transfer Station - fence
Transfer Stations				300,000	Bin shelters throughout the shire to prevent leachate 6 sites
Trap Gully Rehabilitation	800,000				progressive rehabilitation of previously landfilled areas at Trap Gully
	50,000				Close historic Biloela landfill - Baileys Lane
Rehabilitation (old landfill sites)	80,000				Close and rehab Thangool and Kototungo Transfer Stations (Thangool is not on the EA this is a compliance breach)
<b>Total</b>	<b>930,000</b>	<b>-</b>	<b>-</b>	<b>974,400</b>	
2021-22					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	800,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>880,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	
2022-23					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	800,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>880,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	
2023-24					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	800,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>880,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	
2024-25					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	500,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>580,000</b>	<b>-</b>	<b>-</b>	<b>0</b>	
2025-26					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	500,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>580,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	
2026-27					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	500,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>580,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	
2027-28					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	500,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>580,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	
2028-29					
Asset Name	Rehabilitation	Renewal	Upgrade	New	Discription of Work
Trap Gully Rehabilitation	500,000				Progressive rehabilitation of previously landfilled areas at Trap Gully
Rehabilitation (old landfill sites)	80,000				Progressive rehabilitation of previously landfilled areas
<b>Total</b>	<b>580,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	



# **BANANA SHIRE COUNCIL**

## **ASSET & SERVICES MANAGEMENT PLAN FOR WATER INFRASTRUCTURE**





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Adopted by \_\_\_\_\_ Date \_\_\_\_\_ For review \_\_\_\_\_ December 2019

DOCUMENT STATUS			
Rev No.	Date	Author	Approved
1	July 2016	Asset Management Advisor	28/9/16
2	January 2018	Asset Management Coordinator	26/4/18
3	January 2019	Asset Management Coordinator	
4			



## 1. EXECUTIVE SUMMARY

### 1.1 OVERVIEW

This Asset and Services Management Plan contains the basic tools to enable Banana Shire Council to make informed decisions on the allocation of funding and resources for the renewal, replacement, maintenance and operation of all water assets and services under the care and control of the Council, to a standard reflective of the community's needs. The framework of the plan is directed at the sustainability and affordability of the assets and services for the Council and the community. Water assets are provided to facilitate services to the community.

### 1.2 SUMMARY

Council provides a water network to enable the delivery of the required level of service to existing and future customers in the most cost effective way. This plan is intended to demonstrate how council will achieve this outcome by applying the principles of responsible asset management.

Banana Shire Council operates and maintains eleven water supply schemes. Banana, Baralaba, Theodore and Cracow are provided with treated water from the Dawson River. Cracow is a declared non-potable scheme. Taroom is supplied with chlorinated bore water from the Great Artesian basin. Biloela, Thangool and Callide Dam communities are provided with treated water from the Callide Dam and chlorinated bore water obtained from the Callide Valley Aquifer. Water supplied to the towns of Goovigen and Wowan is chlorinated water obtained from local bores.

Council plans to operate and maintain its water assets to achieve the following strategic objectives.

- Ensure that water infrastructure is maintained at a safe and functional standard
- Ensure that water infrastructure delivers the required level of service to existing and future customers in the most cost effective way.
- Maximum useful life of water infrastructure is achieved through best appropriate practices.

### 1.3 INPUTS TO LONG TERM FINANCIAL PLAN

Council has acquired water infrastructure assets by contract, construction by council staff and by donation of assets constructed by developers and others to meet increased levels of service. This asset management plan covers the following infrastructure assets.

Asset covered in this plan include

Asset Category	Quantity	Replacement Cost (\$)	WDV @ 30/6/18 (\$)
Water Treatment Plants	5	33,929,245	24,714,837
Water Pump Stations	7	9,769,928	6,299,792
Water Bores (Active)	13	2,052,541	1,593,222
Water Reservoirs	11	11,238,431	7,515,301
Banana Repeater Station	1	398,666	383,641
<b>Active</b>	<b>Total</b>	<b>57,388,811</b>	<b>40,506,793</b>
Water Mains	246409 metres	66,192,428	40,471,831
Water Hydrants	1412	2,407,495	1,871,306
Water Valves	1245	1,267,484	1,014,503
Water Meters & Services	5108	5,719,962	1,405,519
<b>Passive</b>	<b>Total</b>	<b>75,587,369</b>	<b>44,763,160</b>
<b>TOTAL</b>		<b>132,976,180</b>	<b>85,269,952</b>

There are two key indicators of cost to provide the services provided by the water infrastructure identified in this plan. The maintenance and operational costs and renewal costs. Councils 2016-17 total maintenance and operational costs are:

Operational	\$3,521,500
Maintenance	\$1,629,000

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful



life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Operational	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500
Maintenance	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000
<b>Active</b>										
Renewals	1,465,000	2,223,410	948,310	1,722,940	778,390	762,250	1,065,520	782,710	768,280	768,280
Upgrades	48,000	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500
New Assets	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,513,000</b>	<b>2,259,910</b>	<b>984,810</b>	<b>1,759,440</b>	<b>814,890</b>	<b>798,750</b>	<b>1,102,020</b>	<b>819,210</b>	<b>804,780</b>	<b>804,780</b>
<b>Passive</b>										
Renewals	828,700	462,308	315,220	255,210	137,744	156,001	43,200	86,693	459,891	129,600
Upgrades	1,834,337	89,798	24,000	17,000	31,000	24,000	17,000	31,000	10,000	10,000
New Assets	525,000	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3,188,037</b>	<b>552,106</b>	<b>339,220</b>	<b>272,210</b>	<b>168,744</b>	<b>180,001</b>	<b>60,200</b>	<b>117,693</b>	<b>469,891</b>	<b>139,600</b>
<b>TOTAL</b>	<b>9,851,537</b>	<b>7,962,516</b>	<b>6,474,530</b>	<b>7,182,150</b>	<b>6,134,134</b>	<b>6,129,251</b>	<b>6,312,720</b>	<b>6,087,403</b>	<b>6,425,171</b>	<b>6,094,880</b>

## 2. INTRODUCTION

### 2.1 BACKGROUND

#### Our Vision

'Shire of Opportunity'

To improve the quality of life for our communities through the delivery of efficient, effective and sustainable services and facilities.

Banana Shire is situated in Central Queensland and covers a total area of 28,610 km<sup>2</sup> and accounts for 1.6 per cent of the land area of Queensland. Coal mining, beef production, power generation, dry land cropping and irrigation cropping are the Shire's major industries.

The Banana Shire is sparsely populated, with its population of approx. 15,742 people spread over 28,610 square kilometres, of which only 27 square kilometres is urbanised. The main population centre is the town of Biloela, with Moura and Taroom being other significant urban centres in the Shire. Banana, Baralaba, Dululu, Goovigen, Jambin, Thangool, Theodore, Wowan and Cracow comprise the remaining towns of the Shire

The Water Asset & Services Management Plan is the link between the Councils corporate and operational objectives and is to demonstrate responsible management of assets (and services provided from assets), compliance with regulatory requirements, and to communicate funding required to provide the required levels of service.

### 2.2 CORPORATE AND STRATEGIC DIRECTIONS

Council exists to provide services to its community. Some of these services are provided by water infrastructure assets. Council's goal in managing water assets is to meet the required level of service in the most cost effective manner for present and future consumers. The key elements of water asset management are:

- taking a life cycle approach
- developing cost-effective management strategies for the long term
- providing a defined level of service and monitoring performance
- understanding and meeting the demands of growth through demand management and infrastructure investment
- managing risks associated with asset failures
- sustainable use of assets



## 2.3 ASSET AND SERVICES - DESCRIPTION AND CURRENT STATUS

Banana Shire Council operates and maintains eleven water supply schemes. Banana, Baralaba, Theodore and Cracow are provided with treated water from the Dawson River. Cracow is a declared non-potable scheme. Taroom is supplied with chlorinated bore water from the Great Artesian basin. Biloela, Thangool and Callide Dam communities are provided with treated water from the Callide Dam and chlorinated bore water obtained from the Callide Valley Aquifer. Water supplied to the towns of Goovigen and Wowan is chlorinated water obtained from local bores.

Water for the various town water supplies in the Banana Shire is drawn from a range of sources including the Callide Dam, the Dawson River and from underground aquifers. Water quality in the different schemes varies considerably depending on the quality of the original water source and the subsequent level of treatment.

Council strives to maintain water quality to consumer's in accordance with its Drinking Water Quality Management Plan which is review annually. The minimum level of treatment provided for potable water supplies is disinfection by chlorination (groundwater schemes). Higher levels of treatment are applied to water supplied from the Callide Dam and the Dawson River.

Goovigen and Wowan rely on groundwater that is untreated other than chlorination. Further treatment is not considered viable at this time due to the prohibitive costs involved. Unfortunately the groundwater sources for these towns are very "hard" waters, containing high levels of total dissolved salts including sodium and chloride and also elevated sulphide levels (Wowan) all of which are above desired levels for drinking water according to the Australian Drinking Water Guidelines. Due to these quality constraints Wowan is deemed a non-potable supply.

Water at Cracow is not treated, nor is the quality monitored by council, therefore the quality cannot be guaranteed. This scheme is declared as 'not-potable' accordingly.

Council's water assets are divided into active and passive assets. Passive water assets include assets from the following asset categories in Council's Asset Management System.

### Water Mains

Town	Total Pipe Length (m)	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Banana	25,590	6,559,260	4,722,287
Baralaba	13,673	3,010,068	2,176,596
Biloela	91,003	25,377,515	14,258,297
Callide Dam	13,788	6,855,014	4,127,379
Cracow	3,859	636,881	563,633
Goovigen	5,837	1,157,190	696,266
Moura	35,251	9,976,445	6,156,618
Taroom	31,337	6,819,685	4,320,767
Thangool	6,477	1,443,078	838,113
Theodore	13,916	3,029,480	1,512,820
Wowan	5,679	1,327,812	1,099,054
<b>TOTAL</b>	<b>246,409</b>	<b>66,192,428</b>	<b>40,471,831</b>

### Water Hydrants

Town	Quantity	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Banana	92	154,265	123,806
Baralaba	72	130,150	102,914
Biloela	690	1,175,593	938,971
Goovigen	21	35,213	26,990
Moura	247	418,700	366,170
Taroom	124	207,923	85,702
Thangool	42	70,425	55,601
Theodore	89	156,538	132,011
Wowan	35	58,688	39,140
<b>TOTAL</b>	<b>1,412</b>	<b>2,407,495</b>	<b>1,871,306</b>



### Water Valves

Town	Quantity	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Banana	52	38,983	32,871
Baralaba	52	59,746	49,574
Biloela	529	566,717	448,624
Callide Dam	62	91,238	64,125
Cracow	14	6,214	3,489
Goovigen	18	13,562	11,316
Moura	249	276,877	246,014
Taroom	144	109,947	77,246
Thangool	20	17,590	14,324
Theodore	89	75,683	60,755
Wowan	16	10,928	6,166
<b>TOTAL</b>	<b>1,245</b>	<b>1,267,484</b>	<b>1,014,503</b>

### Water Meters & Service

Town	Number of Connections	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Banana	85	95,765	28,968
Baralaba	222	238,651	83,004
Biloela	2566	2,780,383	631,945
Callide Dam	34	35,300	14,943
Cracow	39	75,173	9,811
Goovigen	56	49,681	16,611
Jambin	2	2,198	328.57
Moura	1019	1,373,790	359,829
Taroom	539	435,741	88,121
Thangool	147	112,879	31,486
Theodore	300	429,439	101,837
Wowan	99	90,962	38,635
<b>TOTAL</b>	<b>5,108</b>	<b>5,719,962</b>	<b>1,405,519</b>

Active water assets include assets at Water Treatment Plants, Bores, Reservoirs and Water Pump Stations. These assets are recorded in the following asset categories in Council's Asset Management System.

### Water Treatment Plants

Town	Asset Categories	No of Assets	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Baralaba	Water Plant & Equipment	16	1,480,534	1,455,131
	Water Treatment Systems	60	3,798,339	3,668,467
	Structures	25	1,115,927	1,020,052
	<b>Total</b>	<b>101</b>	<b>6,394,800</b>	<b>6,143,650</b>
Biloela	Water Plant & Equipment	16	840,231	665,070
	Water Pump	20	317,864	179,636
	Water Treatment Systems	39	1,790,439	1,327,433
	Structures	41	5,748,957	3,878,014
	<b>Total</b>	<b>75</b>	<b>8,697,491</b>	<b>6,050,153</b>
Moura	Water Plant & Equipment	46	3,428,106	2,674,068
	Water Pump	25	514,058	323,480
	Water Treatment Systems	31	1,488,892	1,080,756
	Structures	66	6,540,146	5,116,921
	<b>Total</b>	<b>168</b>	<b>11,971,203</b>	<b>9,195,225</b>
Taroom	Water Plant & Equipment	8	455,956	241,266
	Water Pump	6	56,631	27,653
	Water Treatment Systems	14	474,911	259,651
	Structures	18	1,508,837	711,870
	<b>Total</b>	<b>46</b>	<b>2,496,334</b>	<b>1,240,440</b>
Theodore	Water Plant & Equipment	7	812,867	365,567
	Water Pump	4	114,667	57,582
	Water Treatment Systems	20	619,382	326,994
	Structures	20	2,822,501	1,335,225
	<b>Total</b>	<b>51</b>	<b>4,369,416</b>	<b>2,085,368</b>
<b>TOTAL</b>		<b>441</b>	<b>33,929,245</b>	<b>24,714,837</b>



## Water Pump Stations

There are a total of 7 Water Pump Stations in the Shire that are not included in the Water Treatment Plants.

Town	Asset ID	Pump Station Name	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Baralaba	WPS1	Baralaba River Water Pump Station	121,672	94,351
Biloela	WPS3	Biloela Town Water Pump Station	7,196,446	4,457,515
	WPS4	Callide Raw Water Pump Station	1,262,931	941,870
	<b>Total</b>		<b>8,459,376</b>	<b>5,399,385</b>
Moura	WPS7	Moura Raw Water Pump Station	604,334	412,747
Taroom	WPS9	Taroom River Water Pump Station	124,397	74,453
Thangool	WPS11	Thangool Boosterr Pump Station	293,134	200,397
Theodore	WPS12	Theodore Raw Water Pump Station	167,015	118,459
<b>TOTAL</b>			<b>9,769,928</b>	<b>6,299,792</b>

Town	Asset Categories	No of Assets	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Baralaba	Water Pump	3	82,907	58,012
	Water Treatment Systems	1	38,765	36,339
	<b>Total</b>	<b>4</b>	<b>121,672</b>	<b>94,351</b>
Biloela	Water Plant & Equipment	17	629,924	438,934
	Water Pump	16	624,303	416,057
	Water Treatment Systems	22	1,900,090	1,203,408
	Structures	13	5,305,059	3,340,986
	<b>Total</b>	<b>68</b>	<b>8,459,376</b>	<b>5,399,385</b>
Moura	Water Plant & Equipment	2	357,834	327,234
	Water Pump	2	156,163	50,710
	Water Treatment Systems	1	84,223	30,525
	Structures	1	6,114	4,278
	<b>Total</b>	<b>6</b>	<b>604,334</b>	<b>412,747</b>
Taroom	Water Pump	1	21,371	9,611
	Water Treatment Systems	3	78,569	51,905
	Structures	3	24,456	12,937
	<b>Total</b>	<b>7</b>	<b>124,397</b>	<b>74,453</b>
Thangool	Water Plant & Equipment	3	23,845	15,156
	Water Pump	6	47,176	28,642
	Water Treatment Systems	7	177,661	122,775
	Structures	3	44,452	33,824
	<b>Total</b>	<b>19</b>	<b>293,134</b>	<b>200,397</b>
Theodore	Water Plant & Equipment	2	17,754	9,763
	Water Pump	2	48,950	15,895
	Water Treatment Systems	2	100,311	92,801
	<b>Total</b>	<b>6</b>	<b>167,015</b>	<b>118,459</b>
<b>TOTAL</b>		<b>110</b>	<b>9,769,928</b>	<b>6,299,792</b>

## Water Bores

There are a total of 13 active Water Bores in the Shire

Town	Asset ID	Bore Name	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Biloela	WPS18	Biloela Bore 5B	132,717	104,017
	WPS20	Biloela Bore 7	153,055	115,753
	WPS25	Biloela Bore 7D	155,060	124,785
	WPS21	Biloela Bore 8	161,381	130,215
	WPS22	Biloela Bore 9	141,420	116,689
	WPS23	Biloela Bore 10	121,186	96,839
	WPS24	Biloela Bore 11	128,807	107,817
	WPS29	Biloela Bore 12	164,531	153,864
	<b>Total</b>		<b>1,158,156</b>	<b>949,978</b>
Goovigen	WPS27	Goovigen Bore 5	142,569	123,157
	WPS28	Goovigen Bore 6	138,166	118,970
	<b>Total</b>		<b>280,735</b>	<b>242,127</b>
Taroom	WPS30	Taroom Bore 1	24,529	11,495
	WPS31	Taroom Bore 2	305,160	148,745
	<b>Total</b>		<b>329,689</b>	<b>160,240</b>
Wowan	WPS13	Wowan Bore	283,961	240,877
<b>TOTAL</b>			<b>2,052,541</b>	<b>1,593,222</b>



Town	Asset Categories	No of Assets	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Biloela	Water Plant & Equipment	16	185,549	117,656
	Water Pump	8	62,517	34,982
	Water Treatment Systems	32	717,229	625,893
	Structures	29	192,861	171,446
	<b>Total</b>	<b>85</b>	<b>1,158,156</b>	<b>949,978</b>
Goovigen	Water Plant & Equipment	4	44,728	32,656
	Water Pump	2	20,380	18,948
	Water Treatment Systems	6	176,517	158,459
	Structures	8	39,110	32,065
	<b>Total</b>	<b>20</b>	<b>280,735</b>	<b>242,127</b>
Taroom	Water Plant & Equipment	1	292,859	142,749
	Water Treatment Systems	3	36,830	17,491
	Structures			
	<b>Total</b>	<b>4</b>	<b>329,689</b>	<b>160,240</b>
Wowan	Water Plant & Equipment	2	13,656	10,239
	Water Pump	2	17,989	11,025
	Water Treatment Systems	5	122,353	100,031
	Structures	6	129,963	119,583
	<b>Total</b>	<b>15</b>	<b>283,961</b>	<b>240,877</b>
<b>TOTAL</b>		<b>124</b>	<b>2,052,541</b>	<b>1,593,222</b>

### Water Reservoirs

There are a total of 11 individual Reservoirs that are not included in Water Treatment Plants or Water Pump Stations in the Shire

Town	Asset ID	Reservoir Name	Replacement Value (\$)	WDV @ 30/6/18 (\$)
Banana	TWS23	Banana Reservoirs	2,068,568	1,984,413
Baralaba	TWS1	Baralaba Reservoir	1,039,808	645,010
Biloela	TWS2	Earlsfield Reservoir Biloela	2,072,574	1,441,353
Cracow	TWS17	Cracow Reservoirs	69,067	48,649
Goovigen	TWS3	Goovigen Reservoir	655,863	629,338
Moura	TWS16	Banana Booster Reservoir	1,239,690	554,933
	TWS4	Dawson View Reservoir	1,377,784	976,983
	TWS15	Swimming Pool Reservoir	1,311,517	597,479
	<b>Total</b>		<b>3,928,991</b>	<b>2,129,394</b>
Thangool	TWS6	Thangool Reservoir	457,047	192,418
Theodore	TWS7	Theodore Reservoir (Neville Hewitt Park)	848,959	374,336
Wowan	TWS8	Wowan Reservoir	97,555	70,391
<b>TOTAL</b>			<b>11,238,431</b>	<b>7,515,301</b>

Town	Asset Categories	No of Assets	Replacement Value (\$)	WDV @ 30/6/18 (\$)
<b>Banana</b>	Water Plant & Equipment	6	122,125	113,502
	Water Pump	6	40,884	38,013
	Water Treatment Systems	11	483,157	462,341
	Structures	13	1,422,402	1,370,557
	<b>Total</b>	<b>36</b>	<b>2,068,568</b>	<b>1,984,413</b>
<b>Baralaba</b>	Water Plant & Equipment	2	58,938	54,796
	Water Treatment Systems	6	150,551	115,612
	Structures	6	830,319	474,602
	<b>Total</b>	<b>14</b>	<b>1,039,808</b>	<b>645,010</b>
<b>Biloela</b>	Water Plant & Equipment	1	1,834	1,353
	Water Treatment Systems	3	294,795	176,900
	Structures	5	1,775,945	1,263,100
	<b>Total</b>	<b>9</b>	<b>2,072,574</b>	<b>1,441,353</b>
<b>Cracow</b>	Water Plant & Equipment	2	33,594	23,275
	Water Treatment Systems	1	15,205	11,213
	Structures	1	1,926	866
	Storage Structures	2	18,342	13,295
	<b>Total</b>	<b>6</b>	<b>69,067</b>	<b>48,649</b>



<b>Goovigen</b>	Water Plant & Equipment	3	128,949	120,092
	Water Pump	6	44,553	41,423
	Water Treatment Systems	6	175,778	167,004
	Structures	12	306,583	300,818
	<b>Total</b>	<b>27</b>	<b>655,863</b>	<b>629,338</b>
<b>Moura</b>	Water Plant & Equipment	4	213,901	157,155
	Water Pump	8	108,030	75,588
	Water Treatment Systems	14	627,772	346,231
	Structures	19	2,979,287	1,550,420
	<b>Total</b>	<b>45</b>	<b>3,928,991</b>	<b>2,129,394</b>
<b>Thangool</b>	Water Treatment Systems	2	76,906	42,866
	Structures	5	380,141	149,552
	<b>Total</b>	<b>7</b>	<b>457,047</b>	<b>192,418</b>
<b>Theodore</b>	Water Treatment Systems	2	130,194	29,414
	Structures	8	718,766	344,922
	<b>Total</b>	<b>10</b>	<b>848,959</b>	<b>374,336</b>
<b>Wowan</b>	Water Treatment Systems	2	45,708	32,208
	Structures	1	2,935	2,728
	Storage Structures	4	48,912	35,455
	<b>Total</b>	<b>7</b>	<b>97,555</b>	<b>70,394</b>
<b>TOTAL</b>		<b>161</b>	<b>11,238,431</b>	<b>7,515,301</b>

Banana Repeater Station located on the Banana Range at Mt Benn relays data from individual Water & Sewerage sites to Banana Shire Council Administration Centre.

Town	Asset Categories	No of Assets	Replacement Value (\$)	WDV @ 30/6/18 (\$)
<b>Banana</b>	Water Plant & Equipment	1	22,035	20,707
	Water Treatment Systems	3	376,631	362,934
	<b>Total</b>		<b>398,666</b>	<b>383,641</b>

### 3. LEVELS OF SERVICE

#### 3.1 LEVELS OF SERVICE FRAMEWORK

The Level of service framework consists of both community and technical service standards. Community service standards are the services set by consultation with the community or key stakeholders and describes how the customer relates to the services provided. Technical service standards provide the guidance for the detailed management for the provision, maintenance, operational and renewal of assets to provide the services.

#### 3.2 CURRENT LEVEL OF SERVICE

Community Level of Service relate to how the community receives or derives benefits from the service of each asset in terms of safety, quality, quantity, reliability and responsiveness.

Community levels of service are:

Quality	How good is the service?
Function	Does it meet users' needs?
Capacity/Utilisation	Is the service over or under used?

Supporting the community service levels are operational or technical measures of performance developed to ensure that the minimum community levels of service are met. These technical measures relate to service criteria such as:

<b>Service Criteria</b>	<b>Technical measures may relate to</b>
Quality	Drinking water with nil taste or odour
Quantity	Consistent pressure
Availability	No failure of supply
Safety	No system failures to create dangerous situations



### 3.2.1 Service Standards

Description	Level of service
<b>AVAILABILITY OF SERVICE</b>	
Extent of areas serviced	Banana, Baralaba, Biloela, Callide Dam, Goovigen, Moura, Taroom, Thangool, Theodore, ( Wowan and Cracow are non-potable)
Minimum static pressure	12m head
<b>SERVICE INTERRUPTIONS TO CONSUMERS</b>	
<b>Planned</b>	
Notice given to customers	48 hours
<b>Unplanned</b>	
Maximum duration of interruptions	8 hours
Commencement of work to resolve problem	Within 4 hours
<b>SERVICE PROVIDED</b>	
Time to undertake the installation of new domestic 20mm water service connection	Within 21 days of receipt of request and payment
Time to undertake the testing of water meter	Within 10 days of receipt of request and payment

### 3.2.2 Performance Targets

The following table provides a summary of the Banana Shire Council's adopted performance targets. These targets will be reported on and reviewed as required in accordance with the water Supply (Safety and reliability ) Act 2008

Performance Indicators	Target
<b>Continuity of Water Supply</b>	
Total water main breaks	<50 per 100km of main
Incidence of unplanned interruptions – water	<25 per 1,000 properties
Response time for water incidents (bursts & leaks)	2 hours (average), 4 hours (max)
<b>Adequacy and Quality of Normal Water Supply</b>	
Water quality complaints	<25per 1,000 properties

### 3.3 DESIRED LEVEL OF SERVICE

At present, indications of desired levels of service are obtained from various sources including resident's feedback to elected Members and staff, service requests and correspondence. This will be developed in future revisions of this asset management plan.

### 3.4 AGREED LEVEL OF SERVICE

#### 3.4.1 Community Engagement

Council engaged with the community utilising the strategy outlined in its Community Engagement Plan.

The community engagement process included 26 community workshops, 16 group meetings, 10 individual discussions, 453 survey respondents and 32 written submissions. This community engagement encompassed the whole of the shire including all 12 towns and villages. It was actively promoted by letter box drops, council and community newsletters and brochures, council's web page and newspapers circulating in the shire.

From this engagement, Council developed 'Place Based' community plans for each of the 12 towns or villages and a whole of shire Community Plan for the period 2011-2021.



## 4. FUTURE DEMAND

### 4.1 DEMAND FORECAST

Demand Factors	Present Position	Projected	Impact on Services
Population	15,236 (2014)	14,804 (2036)	Projected population decrease of 1% will have minimal effect on asset demand
Demographics	23.8% under 14 years 11.0% 15-24 years 28.6% 25-44 years 24.1% 45-64 years 12.4% over 65 years	20.2% under 14 years 10.1% 15-25 years 26.5% 25-44 years 22.7% 45-64 years 20.5 % over 65 years	Requirements for increased access and equity focus during design of water infrastructure.
Climate change	Extended periods of drought conditions		Council continues to encourage residents to install water saving devices in their homes and applies water restrictions so continual supply can be provided.

### 4.2 DEMAND PLANNING

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets, providing new assets and disposal of unused or unsuitable assets to meet demand.

Non-asset solutions focus on providing the required service without the need for the organisation to own the assets, and management actions including reducing demand for the service, reducing the level of service (allowing some assets to deteriorate beyond current service levels) or educating customers to accept appropriate asset failures. Examples of non-asset solutions include providing services from existing infrastructure such as aquatic centres and libraries that may be in another community area, or public toilets provided in commercial premises.

Technology changes are forecast to affect the delivery of services in the areas outlined below

Technology change	Effect of service delivery
Councils asset management system	Improved accuracy of asset data management and service delivery Improved life cycle costs Improved data capture with mobile devices (real-time data)
Construction methods and materials	Potential to increase asset life of water treatment facilities and their components through reduced construction and/or maintenance requirements

## 5. RISK MANAGEMENT

### 5.1 RISK CATEGORISATION AND ASSESSMENT

Council recognises 4 levels of risk, low, medium, high and extreme. The risk associated with a given hazard is calculated in accordance with Council's Risk Management Policy using the following risk matrix and definitions.



RISK CALCULATOR					
Likelihood	Consequence				
	Insignificant No injury, no-low \$ cost	Minor First aid treatment, low-medium \$ cost	Moderate Medical treatment, medium-high \$ cost	Major Serious injuries, major \$ cost	Catastrophic Death, huge \$ cost
Almost Certain Expected to occur at most times	Medium (11)	High (16)	High (20)	Extreme (23)	Extreme (25)
Likely Will probably occur at most times	Medium (7)	Medium (12)	High (17)	Extreme (21)	Extreme (24)
Possible Might occur at some time	Low (4)	Medium (8)	High (13)	High (18)	Extreme (22)
Unlikely Could occur at some time	Low (2)	Low (5)	Medium (9)	High (14)	High (19)
Rare May occur in rare conditions	Low (1)	Low (3)	Medium (6)	Medium (10)	High (15)

The scores indicate the importance of prioritising the corrective action for each risk as follows:

Colour	Risk Number	Action
	21-25	First priority based on highest number first
	13-20	Second priority based on highest number first
	6-12	Monitor, only implement risk treatments where failure to do so may increase risk to 13 or above
	1-5	Accept risk except with failure to implement risk treatments will increase risk to 13 or above

## 5.2 RISK TREATMENT STRATEGIES

RISK	LIKELIHOOD	CONSEQUENCE	RISK SCORE	PROPOSED TREATMENT
Asset failure resulting in no water supplied to customers	Possible	Major	18	Prioritise capital and maintenance works based on condition
Poor quality water delivered to customers	Possible	Major	18	Asset renewals Operator training
Source water contaminated	Unlikely	Major	14	Regular inspections Have an alternative supply available. Prevent public access to source
Water treatment system fails	Unlikely	Major	14	Trained operators Alarm systems Procedures for testing Standby pumps Routine maintenance Adequate storage of chemicals Use quality chemicals from an accredited source
Source water cannot meet the demand	Rare	Moderate	6	Alternative source of water Appropriate storage capacities Water restrictions
Treated water contamination	Rare	Major	10	Roofed reservoir Maintain chlorine residual Prevent access – fences and hatches
Insufficient funding to renew water infrastructure	Possible	Major	18	Prioritise capital and maintenance works based on condition
Significant asset loss for disaster (fire, flood, malicious damage)	Possible	Major	18	Keep Insurance current Offsite storage of data backups Disaster Management Plan updated and current



Mains being damaged by digging equipment	Likely	Major	21	Non-compliance works to be given consideration in renewal of asset Undertake regular inspections and maintenance regimes
Leadership from Council and Executives is not focused on good asset and service management	Possible	Major	18	Compliance with legislation to meet target dates and criteria for required management outcomes
Inappropriate asset and service management	Possible	Major	18	Provide appropriate skills and training

## 6. LIFE CYCLE MANAGEMENT

Life cycle asset management takes account of the whole-of-life implications for acquiring, operating, maintaining and disposing of assets. The objectives of life cycle planning are to

- Establish the total cost of an asset over its useful life
- Establish a sound basis on which asset management decisions are made
- Plan for the impact of refurbishment, maintenance, and renewals
- Increase the service delivery capacity for the asset.

### 6.1 ASSET USEFUL LIFE

The useful life of most assets covered by this plan will depend on a range of environmental factors. The estimated useful lives given below were determined in the 2017 valuation

Asset Category	Useful Life (years)	Year Depreciation 2018
Storage Structures	40	1,650
Structures	20,30,40,60,80,150	563,137
Water Mains	50,60,70,80	860,872
Water Hydrants	30	77,216
Water Valves	30	38,798
Water Meters & Services	10	558,978
Water Plant & Equipment	15,20,30,40,80	402,024
Water Pumps	20	111,798
Water Treatment Systems	15,20,30,40,60,80	439,929
<b>TOTAL</b>		<b>3,054,401</b>

### 6.2 CURRENT CONDITION OF ASSETS

Asset condition is monitored by investigative work, visual inspection, and asset failure.

Water Infrastructure Condition Scoring System – Banana Shire Council currently uses the following 5 point condition scoring system when assessing water assets.

#### Condition Rating Criteria

- 1 As new condition, no visible signs of wear and tear or defect
- 2 In good condition with some obvious signs of wear and tear but no evidence of deterioration
- 3 In fair condition, minor evidence of deterioration of the element which could potentially shorten life
- 4 In poor condition with evidence of minor isolated failure in an element which will reduce future life, maintenance costs high
- 5 Total failure of the element, extreme risk in leaving asset in service

Typically water assets with condition scores of 4 or higher will be considered for inclusion in a renewal program.



Water Mains – Length of pipe in meters

Town	Pipe Material	Useful Life	CONDITION RATING				
			1	2	3	4	5
Banana	DICL	80	371				
	UPVC	70	1,195	24,023			
	<b>TOTAL</b>		<b>1,566</b>	<b>24,023</b>	<b>0</b>	<b>0</b>	<b>0</b>
Baralaba	AC	80			464		2,362
	DICL	80	269		18		
	OPVC	70	4,781				
	POLY	80	3,474				
	PVC	80					500
	UPVC	70	1,546	260			
	<b>TOTAL</b>		<b>10,069</b>	<b>260</b>	<b>481</b>	<b>0</b>	<b>2,863</b>
Biloela	AC	80	407	5,559	9,776	26	25,622
	CICL	60	5				2,904
	DICL	80	3,049				
	OPVC	70	24,891				131
	POLY	80	331				
	PVC	70	621		430		
	RCP	50	11				
	UPVC	70	2,857	9,621	4,487		278
	<b>TOTAL</b>		<b>32,171</b>	<b>15,179</b>	<b>14,693</b>	<b>26</b>	<b>28,934</b>
Callide Dam	ABS	50	72				
	AC	80		8,063	574		
	DICL	80		791	2,742		
	OPVC	70	55				
	POLY	80	68.1				
	PVC	70	14				
	UPVC	70	1,408				
	<b>TOTAL</b>		<b>1617.6</b>	<b>8854.3</b>	<b>3315.6</b>	<b>0</b>	<b>0</b>
Cracow	POLY	80	3,625				
	UPVC	70	234				
	<b>TOTAL</b>		<b>3,859</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Goovigen	AC	80				3137	
	DICL	80	108				
	OPVC	70	1,449				
	POLY	80	583				
	PVC	70					138
	UPVC	70	374	19	30		
	<b>TOTAL</b>		<b>2514</b>	<b>18.5</b>	<b>30</b>	<b>3137</b>	<b>138</b>
Moura	AC	80			17	22,162	
	DICL	80	163	14			
	OPVC	70	1,832			336	
	POLY	80	5,695			998	
	UPVC	70	1,657	2,376			
	<b>TOTAL</b>		<b>9347.41</b>	<b>2390</b>	<b>17</b>	<b>23496</b>	<b>0</b>
Taroom	AC	80		412	154	6820	
	DICL	80	189				
	GALV	60					1,831
	OPVC	70	3,985	233			
	POLY	80	2,161	1165		388	
	PVC	70	7,001	4,898			
	UPVC	70	2,098				
	<b>TOTAL</b>		<b>15,434</b>	<b>6,708</b>	<b>154</b>	<b>7,208</b>	<b>1,831</b>
Thangool	AC	80		1320	1,400		
	DICL	80	77	134			
	OPVC	70	927	1			
	POLY	80		50	994		
	UPVC	70	763	812			
	<b>TOTAL</b>		<b>1,767</b>	<b>2,317</b>	<b>2,394</b>	<b>0</b>	<b>0</b>
Theodore	AC	80	179	733	7178		
	DICL	80	340	28			
	GALV	60				1,134	
	OPVC	70	812				
	POLY	80		775	1,322		
	RCP	50					52
	UPVC	70	908	454			
	<b>TOTAL</b>		<b>2,239</b>	<b>1,990</b>	<b>8,500</b>	<b>1,134</b>	<b>52</b>
Wowan	AC	80	309			448	
	DICL	80	21			25	
	OPVC	70	2,815				
	POLY	80	584				
	UPVC	70	1,477				
	<b>TOTAL</b>		<b>5,206</b>	<b>0</b>	<b>0</b>	<b>473</b>	<b>0</b>
<b>TOTAL</b>	<b>ALL TOWNS</b>		<b>85,790</b>	<b>61,740</b>	<b>29,585</b>	<b>35,474</b>	<b>33,818</b>



**Water Hydrants - Total Replacement Value of assets within the following conditions (\$)**

Town	CONDITION RATING				
	1	2	3	4	5
Banana	154,265				
Baralaba	94,937	35,213			
Biloela	981,085	194,508			
Goovigen	30,182	3,354			1,677
Moura	418,700				
Taroom	82,163	20,122	3,354	3,354	98,931
Thangool	58,688	8,384	3,354		
Theodore	138,094	13,414	5,030		
Wowan	16,768	41,920			
<b>TOTAL</b>	<b>1,974,882</b>	<b>316,914</b>	<b>11,738</b>	<b>3,354</b>	<b>100,608</b>

**Water Valves - Total Replacement Value of assets within the following conditions (\$)**

Town	Diameter	CONDITION RATING				
		1	2	3	4	5
Banana	100	23,757				
	150	14,138				1,088
	<b>TOTAL</b>	<b>37,895</b>	-	-	-	<b>1,088</b>
Baralaba	100	11,024	3,126			1,250
	150	39,995	3,263			1,088
	<b>TOTAL</b>	<b>51,019</b>	<b>6,389</b>	-	-	<b>2,338</b>
Biloela	100	120,071	25,633	1,250	1,250	10,003
	150	207,360	30,451	6,525		4,350
	200	65,327	3,531	1,766		7,062
	225	4,371				
	250	7,978	2,659			
	300	48,994	3,769			
	375	14,365				
	<b>TOTAL</b>	<b>468,467</b>	<b>66,043</b>	<b>9,541</b>	<b>1,250</b>	<b>21,416</b>
Callide Dam	50	757				8,706
	80	501				11,014
	100	4,155				
	150	9,398				
	300	18,844				3,769
	375	21,548				
	450	12,545				
	<b>TOTAL</b>	<b>67,749</b>	-	-	-	<b>23,489</b>
Cracow	63		4,299			1,290
	100		625			
	<b>TOTAL</b>		<b>4,924</b>	-	-	<b>1,290</b>
Goovigen	50	757				
	75		480			
	100	6,252	625			
	150	3,263				
	225	2,186				
	<b>TOTAL</b>	<b>12,457</b>	<b>1,105</b>	-	-	-
Moura	80	1,502				
	100	135,153				
	150	85,802				2,175
	200	7,472				
	250	13,297				
	300	26,382				
	400	5,095				
	<b>TOTAL</b>	<b>274,702</b>	-	-	-	<b>2,175</b>
Taroom	50	379	1,136	379		1,136
	63			430		430
	80		501			
	100	38,762	10,003		1,250	3,751
	150	39,151	2,175	6,525		2,175
	200		1,766			
	<b>TOTAL</b>	<b>78,292</b>	<b>15,580</b>	<b>7,334</b>	<b>1,250</b>	<b>7,492</b>
Thangool	100	4,376				1,250
	150	11,963				
	<b>TOTAL</b>	<b>16,339</b>	-	-	-	<b>1,250</b>
Theodore	25	672				
	50	379				
	80	501				
	100	25,007	1,250			625
	150	42,414	1,088			1,088
	250	2,659				
	<b>TOTAL</b>	<b>71,632</b>	<b>2,338</b>	-	-	<b>1,713</b>
Wowan	100	5,627	625		625	1,876
	150	1,088				1,088
	<b>TOTAL</b>	<b>6,714</b>	<b>625</b>	-	<b>625</b>	<b>2,963</b>
<b>TOTAL</b>		<b>1,085,266</b>	<b>97,004</b>	<b>16,875</b>	<b>3,126</b>	<b>65,213</b>



**Water Meters & Service - Number of meters**

Town	Meter Size	CONDITION RATING				
		1	2	3	4	5
Banana	20mm	2	12	20	37	3
	25mm	4			2	
	32mm	1				
	50mm				1	
	100mm	1	2			
	<b>TOTAL</b>	<b>8</b>	<b>14</b>	<b>20</b>	<b>40</b>	<b>3</b>
Baralaba	12mm				1	
	20mm	81	63	11	38	6
	25mm	1			2	
	32mm		2	1	2	
	50mm	1	6	1	2	
	100mm			1	1	2
	<b>TOTAL</b>	<b>83</b>	<b>71</b>	<b>14</b>	<b>46</b>	<b>8</b>
Biloela	12mm	2	1		10	
	20mm	480	207	602	975	35
	25mm	40	3	1	27	
	30mm		1			
	32mm	8	8	2	21	
	40mm	1		2	5	
	50mm	25	13	2	10	
	80mm	1			2	
	100mm	10	4	1	56	4
	150mm	6		1		
	<b>TOTAL</b>	<b>573</b>	<b>237</b>	<b>611</b>	<b>1106</b>	<b>39</b>
Callide Dam	20mm	1	2		25	
	25mm	1				
	32mm	1				
	50mm	2		1		
	150mm	1				
	<b>TOTAL</b>	<b>6</b>	<b>2</b>	<b>1</b>	<b>25</b>	<b>0</b>
Cracow	20mm		4	2	13	
	25mm	1			18	
	50mm				1	
	<b>TOTAL</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>32</b>	<b>0</b>
Goovigen	20mm	12	25	2	9	1
	25mm		1			
	50mm		3			
	100mm	1	1		1	
	<b>TOTAL</b>	<b>13</b>	<b>30</b>	<b>2</b>	<b>10</b>	<b>1</b>
Jambin	20mm				2	
Moura	12mm	4			11	
	20mm	230	150	184	310	6
	25mm	21	2	2	30	2
	30mm				1	
	32mm	6	1			
	40mm				1	
	50mm	11	5	1	3	
	100mm	4	4	27	2	
	150mm				1	
	<b>TOTAL</b>	<b>276</b>	<b>162</b>	<b>214</b>	<b>359</b>	<b>8</b>
Taroom	20mm	96	43	36	292	19
	25mm	6	3	10	3	
	40mm		1		2	
	50mm	8	1		16	1
	100mm	2				
	<b>TOTAL</b>	<b>112</b>	<b>48</b>	<b>46</b>	<b>313</b>	<b>20</b>
Thangool	20mm	6	35	50	44	2
	25mm	3			1	
	32mm	1			1	
	50mm		2			
	100mm		1		1	
	<b>TOTAL</b>	<b>10</b>	<b>38</b>	<b>50</b>	<b>47</b>	<b>2</b>
Theodore	12mm				2	
	20mm	37	47	40	130	
	25mm	11	4		4	
	32mm	2			1	
	40mm				1	
	50mm	4	1		5	
	100mm	2	1		7	1
	<b>TOTAL</b>	<b>56</b>	<b>53</b>	<b>40</b>	<b>150</b>	<b>1</b>
Wowan	20mm	30	15	18	26	6
	25mm	2				
	50mm	2				
	<b>TOTAL</b>	<b>34</b>	<b>15</b>	<b>18</b>	<b>26</b>	<b>6</b>
<b>TOTAL</b>	<b>ALL TOWNS</b>	<b>1172</b>	<b>674</b>	<b>1018</b>	<b>2156</b>	<b>88</b>



**Water Treatment Plants - Total Replacement Value of assets within the following conditions (\$)**

		CONDITION RATING				
Town	Asset Categories	1	2	3	4	5
Baralaba	Water Plant & Equipment	1,480,534				
	Water Treatment Systems	3,798,339				
	Structures	931,487	125,323	59,116		
	<b>Total</b>	<b>6,210,361</b>	<b>125,323</b>	<b>59,116</b>	<b>-</b>	<b>-</b>
Biloela	Water Plant & Equipment	607,347	48,166	89,876	94,841	
	Water Pump	73,172	5,639	239,054		
	Water Treatment Systems	724,057	820,675	245,708		
	Structures	2,056,965	1,750,121	1,469,777	472,095	
	<b>Total</b>	<b>3,461,540</b>	<b>2,624,600</b>	<b>2,044,414</b>	<b>566,936</b>	<b>-</b>
Moura	Water Plant & Equipment	2,236,426	553,383	360,302		277,995
	Water Pump	257,528	5,639	10,359	240,532	
	Water Treatment Systems	616,218	431,821	173,453	267,401	
	Structures	3,569,202	1,140,453	1,463,646	366,845	
	<b>Total</b>	<b>6,679,374</b>	<b>2,131,295</b>	<b>2,007,760</b>	<b>874,778</b>	<b>277,995</b>
Taroom	Water Plant & Equipment	20,577	83,736	321,073	30,570	
	Water Pump		8,737	47,894		
	Water Treatment Systems	20,577	231,888	113,005	109,441	
	Structures		150,466	1,039,265	319,107	
	<b>Total</b>	<b>41,153</b>	<b>474,827</b>	<b>1,521,237</b>	<b>459,118</b>	<b>-</b>
Theodore	Water Plant & Equipment			812,867		
	Water Pump		48,106	18,454	48,106	
	Water Treatment Systems	42,967	146,265	292,260	137,890	
	Structures		234,812	2,055,506	532,183	
	<b>Total</b>	<b>42,967</b>	<b>429,184</b>	<b>3,179,087</b>	<b>718,179</b>	<b>-</b>
<b>TOTAL</b>		<b>16,435,394</b>	<b>5,785,229</b>	<b>8,811,615</b>	<b>2,619,010</b>	<b>277,995</b>

**Water Pump Stations - Total Replacement Value of assets within the following conditions (\$)**

		CONDITION RATING				
Town	Asset Categories	1	2	3	4	5
Baralaba	Water Pump		82,907			
	Water Treatment Systems	38,765				
	<b>Total</b>	<b>38,765</b>	<b>82,907</b>	<b>-</b>	<b>-</b>	<b>-</b>
Biloela	Water Plant & Equipment	133,285	459,955	36,684		
	Water Pump	76,425	499,771	48,106		
	Water Treatment Systems	583,340	437,122	483,781	395,847	
	Structures	640,621	2,472,297	2,192,141		
	<b>Total</b>	<b>1,433,672</b>	<b>3,869,146</b>	<b>2,760,712</b>	<b>395,847</b>	<b>-</b>
Moura	Water Plant & Equipment	357,834				
	Water Pump				156,163	
	Water Treatment Systems				84,223	
	Structures		6,114			
	<b>Total</b>	<b>357,834</b>	<b>6,114</b>	<b>-</b>	<b>240,386</b>	<b>-</b>
Taroom	Water Pump			21,371		
	Water Treatment Systems		66,268	12,301		
	Structures		6,114	18,342		
	<b>Total</b>	<b>-</b>	<b>72,382</b>	<b>52,015</b>	<b>-</b>	<b>-</b>



<b>Thangool</b>	Water Plant & Equipment		23,845			
	Water Pump		47,176			
	Water Treatment Systems		177,661			
	Structures	9,786	34,666			
	<b>Total</b>	<b>9,786</b>	<b>283,348</b>	-	-	-
<b>Theodore</b>	Water Plant & Equipment		8,877	8,877		
	Water Pump				48,950	
	Water Treatment Systems	100,311				
	<b>Total</b>	<b>100,311</b>	<b>8,877</b>	<b>8,877</b>	<b>48,950</b>	-
<b>TOTAL</b>		<b>1,940,368</b>	<b>4,322,774</b>	<b>2,821,603</b>	<b>685,182</b>	-

**Water Bores - Total Replacement Value of assets within the following conditions (\$)**

		CONDITION RATING				
Town	Asset Categories	1	2	3	4	5
Biloela	Water Plant & Equipment	22,305	82,586	80,657		
	Water Pump	6,965	21,223	34,329		
	Water Treatment Systems	627,304	74,418	15,506		
	Structures	156,473	36,388			
	<b>Total</b>	<b>813,047</b>	<b>214,616</b>	<b>130,492</b>	-	-
Goovigen	Water Plant & Equipment	29,443		15,285		
	Water Pump	20,380				
	Water Treatment Systems	151,914	24,602			
	Structures	22,010	12,681	4,419		
	<b>Total</b>	<b>223,748</b>	<b>37,284</b>	<b>19,704</b>	-	-
Taroom	Water Plant & Equipment			292,859		
	Water Treatment Systems			36,830		
	Structures			-		
	<b>Total</b>	-	-	<b>329,689</b>	-	-
Wowan	Water Plant & Equipment	876	12,780			
	Water Pump	6,114		11,875		
	Water Treatment Systems	61,140	61,213			
	Structures	117,150	12,813			
	<b>Total</b>	<b>185,281</b>	<b>86,806</b>	<b>11,875</b>	-	-
<b>TOTAL</b>		<b>1,222,076</b>	<b>338,705</b>	<b>491,760</b>	-	-

**Water Reservoirs - Total Replacement Value of assets within the following conditions (\$)**

		CONDITION RATING				
Town	Asset Categories	1	2	3	4	5
Banana	Water Plant & Equipment	122,125				
	Water Pump	40,884				
	Water Treatment Systems	483,157				
	Structures	1,422,402				
	<b>Total</b>	<b>2,068,568</b>	-	-	-	-
Baralaba	Water Plant & Equipment	58,938				
	Water Treatment Systems	91,099		59,453		
	Structures	125,484	57,133	641,588	6,114	
	<b>Total</b>	<b>275,520</b>	<b>57,133</b>	<b>701,040</b>	<b>6,114</b>	-
Biloela	Water Plant & Equipment		1,834			
	Water Treatment Systems		149,004	145,790		
	Structures	18,180	1,575,528	182,237		
	<b>Total</b>	<b>18,180</b>	<b>1,726,366</b>	<b>328,027</b>	-	-
Cracow	Water Plant & Equipment		33,594			
	Water Treatment Systems		15,205			
	Structures			1,926		
	Storage Structures		18,342			
	<b>Total</b>	-	<b>67,141</b>	<b>1,926</b>	-	-



Goovigen	Water Plant & Equipment	128,949				
	Water Pump	44,553				
	Water Treatment Systems	175,778				
	Structures	306,583				
	<b>Total</b>	<b>655,863</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Moura	Water Plant & Equipment	35,557	178,344			
	Water Pump		108,030			
	Water Treatment Systems		378,464	27,513	221,796	
	Structures		993,060	1,109,350	876,877	
	<b>Total</b>	<b>35,557</b>	<b>1,657,899</b>	<b>1,136,863</b>	<b>1,098,673</b>	<b>-</b>
Thangool	Water Treatment Systems		27,513	49,393		
	Structures		17,923	49,393	312,825	
	<b>Total</b>	<b>-</b>	<b>45,436</b>	<b>98,786</b>	<b>312,825</b>	<b>-</b>
Theodore	Water Treatment Systems				130,194	
	Structures		4,891	701,647	6,114	6,114
	<b>Total</b>		<b>4,891</b>	<b>701,647</b>	<b>136,308</b>	<b>6,114</b>
Wowan	Water Treatment Systems		45,708			
	Structures	2,935				
	Storage Structures		48,912			
	<b>Total</b>	<b>2,935</b>	<b>94,620</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL</b>		<b>3,056,623</b>	<b>3,653,487</b>	<b>2,968,289</b>	<b>1,553,919</b>	<b>6,114</b>

#### Banana Repeater Station - Total Replacement Value of assets within the following conditions

		CONDITION RATING				
Town	Asset Categories	1	2	3	4	5
Banana	Water Plant & Equipment	22,035				
	Water Treatment Systems	376,631				
	<b>Total</b>	<b>398,666</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

### 6.3 MAINTENANCE & OPERATIONS PROGRAMS

#### 6.3.1 Service Summary

Council strives to maintain water quality to customers in accordance with its Drinking Water Quality Management Plan.

For the purpose of this Plan, maintenance is defined as work on existing water infrastructure undertaken with the intention of:

- Preventing further deterioration
- Restoring correct operation within specified parameters
- Making temporary repairs for immediate health, safety and security reasons
- Assessing assets for maintenance requirements

The key outcomes to be achieved from undertaking maintenance are:

- The functional and operational needs are realised
- The physical condition of assets is kept up to a standard appropriate for their service function and value to the community
- All statutory and technical requirements to ensure health, safety, security and reliability are met

#### 6.3.2 Service Targets

Maintenance includes planned and unplanned maintenance work activities and is funded from council's maintenance budget

Planned maintenance consists of preventative, statutory, and condition-based maintenance. Condition-based maintenance is work driven by a condition assessment or inspection process. The maintenance work is carried out because the physical condition of the asset is below acceptable standards.



Unplanned (often referred to as reactive) maintenance occurs when failure of an asset or component requires immediate attention. It is usually limited to rectification for function, health, safety or security reasons. Assessment and prioritisation of reactive maintenance is undertaken by council staff using experience and judgement

### 6.3.3 Operation and Maintenance Program Costs

The following information has been compiled from the general ledger in councils financial system.

#### OPERATIONAL COSTS

Town	General Ledger No.	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 Budget
Water General	6000-2380-0	64,431	80,319	165,397	184,837	125,230	80,000
Banana	6001-2380-0	22,438	112,679	58,563	51,468	57,816	60,000
Baralaba	6002-2380-0	243,206	301,924	302,685	326,838	328,419	200,000
Biloela	6003-2380-0	1,309,221	1,240,609	1,420,303	1,490,314	1,415,290	1,465,000
Callide Dam	6004-2380-0	637	29,686	891	367	450	25,000
Cracow	6005-2380-0	12,213	19,839	17,473	19,481	18,770	20,000
Goovigen	6007-2380-0	24,861	26,525	51,041	38,515	29,665	31,500
Moura	6009-2380-0	852,688	1,081,770	1,073,091	1,015,238	1,053,974	1,040,000
Taroom	6010-2380-0	162,148	158,764	169,557	172,481	168,324	185,000
Thangool	6011-2380-0	7,851	89,839	16,062	27,907	18,732	35,000
Theodore	6012-2380-0	229,977	241,375	236,706	338,660	354,435	350,000
Wowan	6013-2380-0	23,208	22,383	33,913	25,883	22,729	30,000
<b>TOTAL</b>		<b>2,952,879</b>	<b>3,405,712</b>	<b>3,545,682</b>	<b>3,691,989</b>	<b>3,593,834</b>	<b>3,521,500</b>

#### MAINTENANCE COSTS

Town	General Ledger No.	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19 Budget
Banana	6001-2480-0	28,217	18,126	47,225	18,615	20,318	20,000
Baralaba	6002-2480-0	67,830	84,309	45,880	50,292	61,716	30,000
Biloela	6003-2480-0	1,059,897	1,055,614	1,327,673	1,156,293	1,000,189	1,150,000
Callide Dam	6004-2480-0	5,565	7,185	7,849	236	646	7,500
Cracow	6005-2480-0	4,481	9,896	828	2,235	330	3,000
Goovigen	6007-2480-0	38,928	32,404	31,187	16,006	29,732	23,500
Moura	6009-2480-0	144,730	262,990	248,735	184,014	201,013	190,000
Taroom	6010-2480-0	67,295	136,043	68,207	61,523	88,415	70,000
Thangool	6011-2480-0	20,867	24,723	85,326	28,122	25,815	30,000
Theodore	6012-2480-0	65,637	100,601	37,656	75,545	76,996	65,000
Wowan	6013-2480-0	26,531	24,851	21,727	44,104	52,372	40,000
<b>TOTAL</b>		<b>1,529,978</b>	<b>1,756,742</b>	<b>1,922,293</b>	<b>1,636,985</b>	<b>1,557,542</b>	<b>1,629,000</b>

Council is in the process of automating a number of its Water Treatment Plants and as a result the operational costs for funding these plants can be expected to decrease.

### 6.4 ASSET RENEWAL PROGRAM

Renewal expenditure is major work which does not increase the asset's design capacity but generally restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is upgrade/expansion or new works expenditure.

Asset renewal and replacement is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements

It is possible to get some indication of capital renewal and replacement priorities by identifying assets or asset groups:

- That have a high consequence of failure
- That have a high utilisation and subsequent impact on users would be greatest
- Where total value represents the greatest net value to the organization
- That have the highest average age relative to their expected lives
- That have high operational or maintenance costs and
- Where replacement with modern equivalent assets would yield material savings.



The ranking criteria used to determine priority of identified renewal and replacement proposals is based on a mix of the following criteria depending on the asset type

Age  
Material  
Safety  
Failure frequency

Council is working to replace ageing and deteriorating water supply infrastructure and mains that are no longer viable to repair. Council's planned water main replacement program will, over time, help reduce the number of service interruptions experienced by consumers as a result of main breaks.

Where road works are scheduled in the vicinity of water infrastructure, priority may be given to early renewal of water assets in that area, in order to prevent potential damage to road infrastructure should renewal take place after construction of road assets.

Assets requiring renewal are identified from estimates of remaining life obtained from council's asset management system. Renewal projects are expected to verify if the assets are still required, the accuracy of remaining life estimate, and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in for council's 10 Year Capital Works Program.

Renewal will be undertaken using 'low cost' renewal methods where practical. The aim of 'low cost' renewals is to restore the service potential or future economic benefits of the asset by renewing the assets at a cost less than replacement cost.

Water Infrastructure Renewal Expenditure - The table below shows the amounts set aside for water infrastructure renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the material type and then weighted current remaining useful life of each asset and asset component. To achieve a value for money approach, mains replacements have been programed to encompass areas with higher percentages of mains in poor condition rather than identifying individual mains. Please refer to Appendix A for the detailed renewal programme.

### Planned Renewal Expenditure

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Mains/Valves/Hydrants (Trunk & Reticulation)	1,248,500	2,042,910	767,810	1,542,440	597,890	581,750	885,020	602,210	587,780	587,780
Meters/Services	216,500	180,500	180,500	180,500	180,500	180,500	180,500	180,500	180,500	180,500
Water Treatment Plants	263,800	389,908	235,620	215,210	105,244	63,601	0	19,425	265,291	0
Reservoirs	192,500	32,400	39,600	0	0	32,400	0	2,268	129,600	129,600
Water Pump Stations & Bores	372,400	40,000	40,000	40,000	32,500	60,000	43,200	65,000	65,000	0
SCADA/Telemetry	0	0	0	0	0	0	0	0	0	0
<b>TOTAL RENEWAL</b>	<b>2,293,700</b>	<b>2,685,718</b>	<b>1,263,530</b>	<b>1,978,150</b>	<b>916,134</b>	<b>918,251</b>	<b>1,108,720</b>	<b>869,403</b>	<b>1,228,171</b>	<b>897,880</b>

## 6.5 ASSET ACQUISITION

### 6.5.1 New, Additional or Upgrade Asset Program / Costs

New works are those works that create a new asset that did not previously exist, or work which increases the level of service, upgrades or improves an existing asset beyond its current capacity. They may result from growth, social or environmental needs.

New assets and upgrade/expansion of existing assets are identified from various sources, such as Councilor or community requests, proposals identified by strategic plans or partnerships with other organisations.

Candidate proposals are inspected to verify need and to develop a preliminary renewal estimate. Proposals are ranked by priority and available funds and scheduled in future works programs. The following criteria is applied to assess priority.

Existing water supply infrastructure in existing area  
Development areas  
Non-compliance with existing infrastructure



### Capital Investment Strategies

Council will plan capital upgrade and new projects to meet level of service objectives by:

- Planning and scheduling capital upgrade and new projects to deliver the defined level of service in the most efficient manner
- Undertake project scoping for all capital upgrade/new projects to identify:
  - the service delivery 'deficiency', present risk and required timeline for delivery of the upgrade/new asset
  - the project objectives to rectify the deficiency, including value management for major projects
  - the range of options, estimated capital and life cycle costs for each option that could address the service deficiency
  - management of risks associated with alternative options
  - and evaluate the options against evaluation criteria adopted by Council, and select the best option to be included in capital upgrade/new programs
- Review current and required skills base and implement training and development to meet required construction and project management needs
- Review management of capital project management activities to ensure the organisation is obtaining best value for resources used.

Water Infrastructure Construction & Acquisition - The table below shows the amounts set aside for water infrastructure renewals, upgrades and the construction of new water infrastructure in Council's Ten Year Financial Forecast.

### 10 Year Renewal/ Upgrade/ New Assets Plan

Asset Category	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Mains/Valves/Hydrants (Trunk & Reticulation)-Renewal	1,248,500	2,042,910	767,810	1,542,440	597,890	581,750	885,020	602,210	587,780	587,780
Mains/Valves/Hydrants (Trunk & Reticulation)-Upgrade	0	0	0	0	0	0	0	0	0	0
Mains/Valves/Hydrants (Trunk & Reticulation)-New	0	0	0	0	0	0	0	0	0	0
Meters/Services-Renewal	216,500	180,500	180,500	180,500	180,500	180,500	180,500	180,500	180,500	180,500
Meters/Services-Upgrade	48,000	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500
Meters/Services-New	0	-	-	-	-	-	-	-	-	-
Water Treatment Plants-Renewal	263,800	389,908	235,620	215,210	105,244	63,601	0	19,425	265,291	0
Water Treatment Plants-Upgrade	1,142,737	48,798	0	0	0	0	0	0	0	0
Water Treatment Plants-New	100,000	0	-	0	0	-	0	0	0	0
Reservoirs-Renewal	192,500	32,400	39,600	0	0	32,400	0	2,268	129,600	129,600
Reservoirs-Upgrade	32,400	0	0	0	0	0	0	0	0	0
Reservoirs-New	35,000	-	-	-	-	-	-	-	-	-
Water Pump Stations & Bores-Renewal	372,400	40,000	40,000	40,000	32,500	60,000	43,200	65,000	65,000	0
Water Pump Stations & Bores-Upgrade	550,000	0	0	0	0	0	0	0	0	0
Water Pump Stations & Bores-New	390,000	0	-	0	0	-	0	0	0	0
SCADA/Telemetry-Renewal	0	0	0	0	0	0	0	0	0	0
SCADA/Telemetry-Upgrade	109,200	41,000	24,000	17,000	31,000	24,000	17,000	31,000	10,000	10,000
SCADA/Telemetry-New	-	-	-	-	-	-	-	-	-	-
<b>TOTALS</b>	<b>4,701,037</b>	<b>2,812,016</b>	<b>1,324,030</b>	<b>2,031,650</b>	<b>983,634</b>	<b>978,751</b>	<b>1,162,220</b>	<b>936,903</b>	<b>1,274,671</b>	<b>944,380</b>

## 6.6 ASSET DISPOSAL

A quality portfolio of assets should efficiently, effectively and economically sustains delivery of services. Portfolio quality is sustained by the addition or retention of high-performing assets and the disposal or renewal of under-performing assets. Decisions about disposal or retention of water



infrastructure assets must be based on sound evaluations that fully reflect council's service delivery goals. At this point in time no disposals are planned.

## 6.7 MINIMISING LIFECYCLE COSTS

Life cycle costs (or whole-of-life costs) are the average costs that are required to sustain the service levels over the longest asset life. Life cycle costs include maintenance, operational, and asset consumption (depreciation expense)

Over an asset's life, maintenance costs represent a significant proportion of the total cost of owning an asset. In addition to the initial construction outlay, economical whole of life costs must also be recognised as a key driver during the design process. Evidence suggests that good design/construction may reduce long-term maintenance issues.

Maintenance is a fundamental part of strategic asset management. Assets must be well maintained in order to support service delivery. The long-term benefits of good maintenance are substantial, and can include improved asset performance and useful life, reduced operating costs and favourable user/community perception of council services.

## 7. FINANCIAL CONSIDERATIONS

This section contains the financial requirements resulting from all the information presented in previous sections of this asset management plan. The financial projections will be improved as further information becomes available on desired levels of service and current and projected future asset performance.

### 7.1 CURRENT FINANCIAL POSITION – ASSET AND SERVICES MANAGEMENT

The Water Infrastructure Valuation figures below were extracted from Assetic Reconciliation Report as at 30<sup>th</sup> June 2017

Asset Category	Quantity	Replacement Cost (\$)	WDV @ 30/6/18 (\$)
Water Treatment Plants	5	33,929,245	24,714,837
Water Pump Stations	7	9,769,928	6,299,792
Water Bores (Active)	13	2,052,541	1,593,222
Water Reservoirs	11	11,238,431	7,515,301
Banana Repeater Station	1	398,666	383,641
<b>Active</b>	<b>Total</b>	<b>57,388,811</b>	<b>40,506,793</b>
Water Mains	246,409 metres	66,192,428	40,471,831
Water Hydrants	1412	2,407,495	1,871,306
Water Valves	1245	1,267,484	1,014,503
Water Meters & Services	5108	5,719,962	1,405,519
<b>Passive</b>	<b>Total</b>	<b>75,587,369</b>	<b>44,763,160</b>
<b>TOTAL</b>		<b>132,976,180</b>	<b>85,269,952</b>

### 7.2 INPUTS TO CAPITAL WORKS PROGRAM / LONG TERM FINANCIAL PLAN

The table below shows the amounts set aside for building renewal in Council's 10 Year Forecast. This data has been extracted from the asset management system based on the current remaining useful life of each asset component. Maintenance and Operational expenditure is based on the current budgeted figures.

	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29
Operational	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500	3,521,500
Maintenance	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000	1,629,000
Renewals	1,465,000	2,223,410	948,310	1,722,940	778,390	762,250	1,065,520	782,710	768,280	768,280
Upgrades	48,000	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500	36,500
New Assets	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1,513,000</b>	<b>2,259,910</b>	<b>984,810</b>	<b>1,759,440</b>	<b>814,890</b>	<b>798,750</b>	<b>1,102,020</b>	<b>819,210</b>	<b>804,780</b>	<b>804,780</b>
Passive										
Renewals	828,700	462,308	315,220	255,210	137,744	156,001	43,200	86,693	459,891	129,600
Upgrades	1,834,337	89,798	24,000	17,000	31,000	24,000	17,000	31,000	10,000	10,000
New Assets	525,000	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>3,188,037</b>	<b>552,106</b>	<b>339,220</b>	<b>272,210</b>	<b>168,744</b>	<b>180,001</b>	<b>60,200</b>	<b>117,693</b>	<b>469,891</b>	<b>139,600</b>
<b>TOTAL</b>	<b>9,851,537</b>	<b>7,962,516</b>	<b>6,474,530</b>	<b>7,182,150</b>	<b>6,134,134</b>	<b>6,129,251</b>	<b>6,312,720</b>	<b>6,087,403</b>	<b>6,425,171</b>	<b>6,094,880</b>



### 7.3 FUNDING STRATEGY

Renewals and upgrades are to be funded from council's Capital Works Program and grants where available.

## 8. ASSET MANAGEMENT PRACTICES

### 8.1 ACCOUNTING FINANCIAL SYSTEM

Banana Shire Council operates the Practical Finance System for management of financial information. General Ledger journals are prepared monthly for Asset Depreciation.

### 8.2 ASSET MANAGEMENT SYSTEM(S)

Banana Shire Council operates the Assetic Asset Management System (MyData) for the management of asset information. Asset depreciation is calculated in Assetic and general ledger journals are prepared on a monthly basis to be recorded in the Practical Finance System. Assets are mapped in the GIS System (Map Info) and have the same asset ID number as Assetic. A hot link is being developed to link Assetic & Map Info. All asset financial and inventory data is recorded in Assetic.

### 8.3 PERFORMANCE MEASURES

#### 8.3.1 Service Standards

The effectiveness of the asset management plan can be measured in the following ways:

- The degree to which the required cash flows identified in this asset management plan are incorporated into council's long term financial plan.
- Informed decisions on expenditure allocations with regard to levels of service.

### 8.4 IMPROVEMENT PROGRAM

Actions	Responsible Officer	Date Required	Priority
Refine water infrastructure assets data in Assetic and 10 year financial plan 1. Review/refine component condition assessments 2. Review/refine component useful lives	Manager Water Services, Asset Management Advisor, Financial Services	30/03/17 COMPLETE	
Link assets in Assetic to GIS	GIS Officer	30/09/16 COMPLETE	
Refine water infrastructure operational and maintenance costs	Manager Financial Services	30/03/17 COMPLETE	
Review this report and action plan	Asset Management Advisor	30/12/19	1

#### 8.4.1 Monitoring and Review Process & Procedures

This asset management plan will be reviewed during annual budget preparation and amended to recognise any changes in service levels and/or resources available to provide those services as a result of the budget decision process.



## 9. APPENDICES

### 9.1 APPENDIX A

#### ASSET REPLACEMENT PLAN

	2019-20			2020-21			2021-22			2022-23			2023-24			2024-25			2025-26			2026-27			2027-28			2028-29		
	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New
General (ie benefits All Schemes)																														
Mains/Valves/Hydrants (Trunk & Reticulation)																														
Meters/Services																														
Water Treatment Plants																														
Reservoirs																														
Water Pump Stations & Bores																														
SCADA/Telemetry		103,200			20,000			24,000			17,000			10,000			24,000			17,000			10,000			10,000			10,000	
Banana																														
Mains/Valves/Hydrants (Trunk & Reticulation)	9,000			9,000			9,000			9,000			9,000			9,000			9,000			9,000			9,000			9,000		
Meters/Services	2,000	2,000		1,500	1,500		1,500	1,500		1,500	1,500		1,500	1,500		1,500	1,500		1,500	1,500		1,500	1,500		1,500	1,500		1,500	1,500	
Water Treatment Plants																														
Reservoirs																														
Water Pump Stations & Bores																														
SCADA/Telemetry																														
Baralaba																														
Mains/Valves/Hydrants (Trunk & Reticulation)	18,000			159,300			18,000			18,000			18,000			18,000			83,490			18,000			18,000			18,000		
Meters/Services	6,000	6,000		3,000	5,000		3,000	5,000		3,000	5,000		3,000	5,000		3,000	5,000		3,000	5,000		3,000	5,000		3,000	5,000		3,000	5,000	
Water Treatment Plants		20,000																												
Reservoirs	20,000																													
Water Pump Stations & Bores																														
SCADA/Telemetry					7,000									7,000								7,000								
Biola																														
Mains/Valves/Hydrants (Trunk & Reticulation)	220,000			577,540			277,520			1,119,920			299,390			283,250			200,000			200,000			200,000			200,000		
Meters/Services	80,000	40,000		70,000	30,000		70,000	30,000		70,000	30,000		70,000	30,000		70,000	30,000		70,000	30,000		70,000	30,000		70,000	30,000		70,000	30,000	
Water Treatment Plants	178,800	20,000	100,000	50,000			164,790			215,210											4,665									
Reservoirs	62,500		35,000																											
Water Pump Stations & Bores	352,400		365,000				40,000			40,000									43,200			65,000			32,400			32,500		
SCADA/Telemetry					7,000									7,000								7,000								
Callide Dam																														
Mains/Valves/Hydrants (Trunk & Reticulation)	4,500			4,500			4,500			4,500			4,500			4,500			4,500			4,500			4,500			4,500		
Meters/Services	2,000			2,000			2,000			2,000			2,000			2,000			2,000			2,000			2,000			2,000		
Water Treatment Plants																														
Reservoirs																														
Water Pump Stations & Bores																														
SCADA/Telemetry																														
Cracow																														
Mains/Valves/Hydrants (Trunk & Reticulation)																														
Meters/Services	2,000			2,000			2,000			2,000			2,000			2,000			2,000			2,000			2,000			2,000		
Water Treatment Plants																														
Reservoirs																														
Water Pump Stations & Bores																														
SCADA/Telemetry																														
Goovigen																														
Mains/Valves/Hydrants (Trunk & Reticulation)	274,000			302,100			118,560			97,890			9,000			9,000			9,000			9,000			9,000			9,000		
Meters/Services	3,500			3,000			3,000			3,000			3,000			3,000			3,000			3,000			3,000			3,000		
Water Treatment Plants																														
Reservoirs																														
Water Pump Stations & Bores	20,000		25,000																											
SCADA/Telemetry																														
Moura																														
Mains/Valves/Hydrants (Trunk & Reticulation)	90,000			112,500			112,500			112,500			112,500			112,500			112,500			112,500			112,500			112,500		
Meters/Services	70,000			60,000			60,000			60,000			60,000			60,000			60,000			60,000			60,000			60,000		
Water Treatment Plants	50,000	20,000		283,257	48,798					105,244																				
Reservoirs	62,500			32,400												32,400														
Water Pump Stations & Bores		550,000																												
SCADA/Telemetry					7,000									7,000								7,000								



	2019-20			2020-21			2021-22			2022-23			2023-24			2024-25			2025-26			2026-27			2027-28			2028-29		
	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New	Renewal	Upgrade	New
Taroom																														
Mains/Valves/Hydrants (Trunk & Reticulation)	420,000			351,870			169,230			87,000			87,000			87,000			352,560			87,000			87,000			87,000		
Meters/Services	20,000			20,000			20,000			20,000			20,000			20,000			20,000			20,000			20,000			20,000		
Water Treatment Plants	35,000															63,601						9,360			36,935					
Reservoirs																														
Water Pump Stations & Bores				40,000									32,500																	
SCADA/Telemetry		6,000																												
Thangool																														
Mains/Valves/Hydrants (Trunk & Reticulation)	9,000			9,000			9,000			9,000			9,000			9,000			9,000			9,000			9,000			9,000		
Meters/Services	10,000			5,000			5,000			5,000			5,000			5,000			5,000			5,000			5,000			5,000		
Water Treatment Plants																														
Reservoirs																														
Water Pump Stations & Bores																												32,400		32,400
SCADA/Telemetry																												32,500		
Theodore																														
Mains/Valves/Hydrants (Trunk & Reticulation)	40,000			390,500			40,500			75,630			40,500			40,500			95,970			144,210			129,780			129,780		
Meters/Services	15,000			8,000			8,000			8,000			8,000			8,000			8,000			8,000			8,000			8,000		
Water Treatment Plants		1,082,737		56,651			70,830						8,000			8,000			8,000			5,400			184,810					
Reservoirs	47,500		32,400				7,200																							
Water Pump Stations & Bores																														
SCADA/Telemetry																60,000														
Wowan																														
Mains/Valves/Hydrants (Trunk & Reticulation)	164,000			126,600			9,000			9,000			9,000			9,000			9,000			9,000			9,000			9,000		
Meters/Services	6,000			6,000			6,000			6,000			6,000			6,000			6,000			6,000			6,000			6,000		
Water Treatment Plants																														
Reservoirs																														
Water Pump Stations & Bores																												32,400		32,400
SCADA/Telemetry																														
Totals	2,293,700	1,882,337	525,000	2,685,718	126,298	-	1,263,530	60,500	-	1,978,150	53,500	-	916,134	67,500	-	918,251	60,500	-	1,108,720	53,500	-	869,403	67,500	-	1,228,171	46,500	-	897,880	46,500	-