



ORDINARY MEETING AGENDA

Friday 15 February 2019
commencing at 9:30am
Quilpie Shire Council Boardroom
50 Brolga Street Quilpie

Ordinary Meeting of Council

8 February 2019

The Mayor and Council Members
Quilpie Shire Council
QUILPIE QLD 4480

Dear Members

Notice is hereby given that a Pre Meeting Briefing will be held at the Council Boardroom, on Friday, 15 February 2019, commencing at **8:30am**.

Notice is also hereby given that an Ordinary Meeting of the Quilpie Shire Council will be held at the Council Chambers, on Friday, 15 February 2019, commencing at **9:30am**.

The agenda for the ordinary meeting is attached for your information

Yours faithfully

Dave Burges
Chief Executive Officer





ORDINARY MEETING OF COUNCIL AGENDA

Friday 15 February 2019
Quilpie Shire Council Boardroom

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Order of Proceedings

1 OPENING OF MEETING

2 ATTENDANCE

3 APOLOGIES

4 CONDOLENCES

5 DECLARATIONS OF INTEREST

6 RECEIVING AND CONFIRMATION OF MINUTES

6.1 (02/19) – Ordinary Meeting of Quilpie Shire Council held Friday 11 January 2019

IX: 173726

Author: Chief Executive Officer, Dave Burges

Minutes of the Ordinary Meeting of Quilpie Shire Council held in the Council Boardroom, 50 Brolga Street Quilpie on Friday, 11 January 2019.

Attachment:

Minutes of the Ordinary Meeting of Quilpie Shire Council held on Friday, 11 January 2019

Recommendation:

That the minutes of the Ordinary Meeting on Quilpie Shire Council held on Friday, 11 January 2019 are taken as read and confirmed as an accurate record of proceedings.



Ordinary Meeting of Council

MINUTES

Friday 11 January 2019

Quilpie Shire Council Boardroom
50 Brolga Street, Quilpie Qld 4480



ORDINARY MEETING OF COUNCIL

Friday 11 January 2019

Quilpie Shire Council Boardroom

MINUTES

1 OPENING OF MEETING

The Mayor declared the meeting open at 9.07am

2 PRESENT

Cr Stuart Mackenzie (Mayor)

Cr Jenny Hewson (Deputy Mayor)

Cr Bob Hall

Cr Roger Volz

Cr Bruce Paulsen

Mr Dave Burges (Chief Executive Officer)

In attendance: Mrs Nina Burges (Minutes Secretary)

3 APOLOGIES

Nil.

4 CONDOLENCES

Council noted the recent passing of Winn Nunn and Les Weicks and expressed their condolences to the families.

5 DECLARATIONS OF INTEREST

Division 5A of the Local Government Act 2009 (the Act) requires Councillors to declare a Material Personal Interest or a Conflict of Interest should either apply regarding a matter that is before a Council meeting (refer Sections 175C and 175E of the Act). The Declaration should be made at the commencement of the meeting and prior to the matter being considered and voted upon by Council.

MATERIAL PERSONAL INTEREST DECLARED

Cr Mackenzie declared he has a material personal interest (as defined by section 175B of the *Local Government Act 2009*) in item 18.3 (Eromanga Natural History Museum) as follows:

Cr Mackenzie is Chair of the Outback Gondwana Foundation which operates the Eromanga Natural History Museum and Cr Mackenzie's wife is the Collections Manager of the Eromanga Natural History Museum. The Eromanga Natural History Museum stands to gain a financial benefit depending on the outcome of Council's consideration of this matter.

Cr Mackenzie advised that in accordance with legislative requirements he will leave the meeting while the matter is discussed and voted on.

6 RECEIVING AND CONFIRMATION OF MINUTES

6.1 (01/19) – Ordinary Meeting of Quilpie Shire Council held Friday 14 December 2018

Minutes of the Ordinary Meeting of Quilpie Shire Council held in the Council Boardroom, 50 Broлга Street Quilpie on Friday, 14 December 2018.

Resolution No: (01-01-19)

Moved by: Cr Bob Hall

Seconded by: Cr Jenny Hewson

That the minutes of the Ordinary Meeting of Quilpie Shire Council held on Friday, 14 December 2018 are taken as read and confirmed as an accurate record of proceedings.

5/0

7 ITEMS FROM PREVIOUS MEETINGS

Nil.

8 MAYORAL REPORT

Mayor Mackenzie provided a verbal update on activities he has undertaken since the December 2018 Ordinary meeting of Council.

Cr Mackenzie attended a Regional Development Australia (Darling Downs and South West) meeting in Toowoomba, advising that Robert Prestipino will be making a presentation on the Quilpie Wellspring proposal to that committee at their next meeting.

The Mayor also held discussions with Department of State Development representatives Mr John Bird and Ms Jody Dare regarding the Wellspring project.

9 COUNCILLOR PORTFOLIO REPORTS

Councillors provided a brief overview of activities they have undertaken since the December Ordinary Meeting of Council. Crs Hewson, Volz, Paulsen and Hall all attended a meeting with local contractors to discuss a range of matters. Cr Hewson thanked business houses and council staff with the assistance provided in setting up and running the business street party.

Cr Paulsen attended the street party and advised he was interviewed by ABC radio in relation to the Quilpie Killer Whales cricket club. Cr Paulsen noted the successful application for funding under the Queensland Rugby League / State Government sporting ovals program.

Cr Hall attended the street party, noting he felt that the 'buy local' campaign is a very worthwhile venture.

Cr Volz also attended the street party and thanked businesses who contributed to ensure the success of the evening and council staff for assistance they provided. Cr Volz noted he has been speaking with people regarding imagery and information content for the 'Mulga Trail' project.

10 STATUS REPORTS

10.1 (01/19) – Engineering Services Status Reports

Nil Reports.

10.2 (01/19) – Corporate and Community Services Status Reports

Nil Reports.

10.3 (01/19) – Financial Services Status Report

Nil Reports.

10.4 (01/19) – Governance Status Reports

Nil Reports.

11 ENGINEERING SERVICES

Nil Reports.

12 CORPORATE AND COMMUNITY SERVICES

Nil Reports.

13 FINANCE

ATTENDANCE

Council's Manager Finance, Ms Arminda David attended the meeting at 9.33am.

13.1 (01/19) – Finance Report for Month Ending 31 December 2018

The Finance report for the period ending 31 December 2018 was presented to Council for consideration.

Resolution No: (02-01-19)

Moved by: Cr Bob Hall

Seconded by: Cr Roger Volz

That Council receives the Finance Report for the period ending 31 December 2018.

5/0

13.2 (01/19) – Budget Review

Council adopted the 2018-2019 budget on Friday 22 June 2018. Legislation provides that Council may amend the budget at any time. It is prudent financial management to review the budget periodically and amend where necessary.

Resolution No: (03-01-19)

Moved by: Cr Jenny Hewson

Seconded by: Cr Bruce Paulsen

That Council adopt the amendments to the 2018-2019 budget as presented in report 13.2 of the late agenda.

5/0

ATTENDANCE

Ms David left the meeting at 10.07am.

13.3 (01/19) – Capital Works Review

Council was provided with an update on the status of the capital works program, including recommendations to amend various capital works allocations in the 2018/19 budget.

Resolution No: (04-01-19)

Moved by: Cr Bob Hall

Seconded by: Cr Bruce Paulsen

That Council amend the adopted capital works program as follows:

Capital Item	Current	Proposed
Adavale shade structure	\$0	\$15,000
Lanherne Road grid	\$0	\$12,000
Eromanga sculpture	\$80,000	\$140,000
DCP / QRL JW Park rehab	\$0	\$350,000

DCP Exclusion fence	\$0	\$500,000
DCP roadworks various	\$0	\$150,000
Bulloo Park fence	\$50,000	\$75,000

5/0

14 GOVERNANCE

14.1 (01/19) – LGAQ / QTC Finance & Strategic Leadership Summit

The Local Government Association of Queensland / Queensland Treasury Corporation *Finance and Strategic Leadership Summit* will be held 26 and 27 February 2019 in Gladstone.

Resolution No: (05-01-19)

Moved by: Cr Jenny Hewson

Seconded by: Cr Roger Volz

That Council authorise Cr Stuart Mackenzie and Cr Bob Hall to attend the 2019 LGAQ/QTC Finance and Strategic Leadership Summit in Gladstone from 26-27 February 2019.

5/0

14.2 (01/19) – Draft South West Regional Transport Plan

The Department of Transport and Main Roads is developing a series of Regional Transport Plans. These plans will guide the planning of the State controlled transport system in Queensland over the next 15 years.

The delivery of the plans is a requirement of the *Transport Planning and Coordination Act (1994)*. The plans provide a bridge between local, Queensland and Australian government planning, drawing from and supporting the region's goals.

The consultation draft of the South West Regional Transport Plan has been released and the consultation period will close on Friday 01 March 2019.

Noted.

14.3 (01/19) – National General Assembly of Local Government

By letter of 29 November 2018, The CEO of the Australian Local Government Association has invited Council to put forward motions for debate at the 2019 National General Assembly of Local Government.

Noted.

14.4 (01/19) – Local Government Remuneration and Discipline Tribunal Report 2018

The *Local Government Regulation 2012* requires the Tribunal to determine, on or by 01 December, the maximum amount of remuneration to be paid from 01 July to mayors, deputy mayors, and councillors of all local governments (except Brisbane City Council).

The Tribunal has decided to increase the maximum remuneration levels previously determined for each category of council by 2.1% from 1 July 2019. Section 247 of the regulation requires councils to pay each elected representative as per the schedule unless by resolution they resolve to adopt a lesser amount.

Resolution No: (06-01-19)

Moved by: Cr Bob Hall

Seconded by: Cr Jenny Hewson

That the report be received.

5/0

14.5 (01/19) – Works for Queensland 2019/2021

By letter of 13 December the Director-General of the Department of Local Government, Racing and Multicultural Affairs has advised that Council has been allocated \$1.09 million under the Works for Queensland 2019/2021 program.

Funds under this program may be used for maintenance and minor works to improve the condition, quality or lifespan of an asset or for maintaining a community asset. Funds may also be spent on enhancing the scope of projects already committed to by the Council.

Projects must be delivered by 30 June 2021.

Noted. This matter will be tabled for consideration at the February 2019 Ordinary meeting of Council.

5/0

ADJOURNMENT

The meeting adjourned for morning tea at 11.16am and resumed at 11.32am.

14.6 (01/19) – Quotes Q21 1819 and Q22 1819 Asset Valuations

Quotations have been called for the valuation of Council's asset as follows:

- Q21 1819 Valuation of transport, water and sewerage assets; and
- Q22 1819 Valuation of land, buildings and other structure assets.

A full revaluation of assets is required in 2018/19.

Resolution No: (07-01-19)

Moved by: Cr Bruce Paulsen

Seconded by: Cr Jenny Hewson

That Council accept the following quotations:

- Q21 1819 AssetVal for an amount of \$17,600 including GST; and
- Q22 1819 AssetVal for an amount of \$25,300 including GST.

5/0

14.7 (01/19) – IQ-RAP Working Group Request for Funding Assistance

By letter of 20 December 2018, the Chair of the IQ-RAP Working Group is requesting an additional \$1,500 funding from all participating Councils.

The funding would be used to continue advocating for this strategic plan to secure more consistent and long-term funding for the inland Queensland road network.

Resolution No: (08-01-19)

Moved by: Cr Jenny Hewson

Seconded by: Cr Bruce Paulsen

That Council provide \$1,500 funding to the Inland Queensland Road Action Project Working Group for further advocacy work.

5/0

14.8 (01/19) – Communities Combating Pests and Weed Impacts During Drought Program

Council was presented with information on the *Communities Combating Pests and Weed Impacts During Drought Program* and provided the opportunity to consider making an application under the program.

The program provides funding for both wild dog exclusion fencing and other pest and weed management activities.

Noted. A meeting with potential key stakeholders will be held at the earliest opportunity to further discuss options for funding applications.

14.9 (01/19) – Application for Material Change of Use Lots 707 & 708 T4401

A Development Application – Material Change of Use has been received from Paul Easton. The proposal is to place two (2) temperature controlled storage facilities for kangaroo carcasses obtained under Safe Food Queensland protocols. The subject site, described as Lots 707 & 708 T4401, is located behind the Toompine Hotel.

Resolution No: (09-01-19)

Moved by: Cr Bruce Paulsen

Seconded by: Cr Bob Hall

That Council approve the Development Application for a Material Change of Use on land described as Lots 707 and 708 on T4401 and that the application be approved in accordance with the Site Plan accompanying the application as the proposal generally complies with the overall outcomes for a Material Change of Use in the Township Zone (Toompine) of the Quilpie Shire Town Planning Scheme 2018 and that the approval be subject to the following conditions:-

Quilpie Shire Council Conditions:

- 1. This approval is for a Material Change of Use and will lapse if the use is not commenced within two (2) years from the date of approval.*
- 2. All outstanding rates and charges, if any are to be paid in full.*
- 3. The premises are connected to an on-site sewerage system in accordance with Division 4: Standards for Sewerage, Section 4.2. The applicant is to ensure all environmental licences are obtained if required. Copies of all licences are to be provided to Council upon request.*
- 4. The premises are to be connected to Council's reticulated water supply system or an approved water allocation as provided by a relevant agency.*
- 5. Stormwater is collected and discharged in accordance with the Queensland Urban Drainage Manual, 3rd Edition, Queensland Department of Energy and Water Supply, 2013*
- 6. The site is connected to the reticulated electricity supply.*
- 7. The premises have access to a formed road designed and constructed in accordance with Standards for Roads, Carparking, Manoeuvring Areas and Access Section 2.1(1) and 2.3(2).*
- 8. The premises have access to vehicle parking and service vehicle parking areas constructed in accordance AS2890.1 – Parking Facilities and Austroads AP-34/95 – Design Vehicles and Turning Path Templates.*
- 9. Landscaping and external activity areas are to be provided to complement the adjacent land use.*
- 10. Any planted vegetation within an electricity transmission line easement shall have a mature height not exceeding 2.5 metres.*
- 11. Existing vegetation within 20 metres of an electricity transmission line easement shall not be disturbed.*
- 12. A minimum 100 metre wide buffer area is to be retained from the high bank of any watercourse or lake and such buffer zone shall include the retention of all vegetation and grasses.*
- 13. The applicant is to prepare an evacuation procedure in the event of severe flooding.*
- 14. Any excavation or filling necessitated to meet the conditions of this approval shall be undertaken in accordance with Standards for Construction Activities, Section 1.1 or other relevant Engineering standards to the satisfaction of Council*
- 15. No construction will take place unless an appropriate erosion control and silt collections measures are in place in accordance with Standards for Construction Activities, Section 1.1 or other relevant Engineering standards to the satisfaction of Council. And will remain in place until the completion of construction.*
- 16. Lighting of the site, including any security lighting, shall be such that the lighting intensity does not exceed 8.0 lux at a distance of 1.5 metres from the site at any property boundary. All lighting shall be directed or shielded so as to ensure that no glare directly affects guests.*
- 17. The applicant should satisfy themselves that all requirements of the Building Act 1975 and the Building and Other Legislation Bill 2009 are complied with in full.*

Referral Agency Conditions:

Nil

Notes

This approval in no way removes the duty of care responsibility of the applicant under the Aboriginal Cultural Heritage Act 2003. Pursuant to Section 23(1) of the Aboriginal Cultural Heritage Act 2003, a person who carries out an activity must take all reasonable and practicable measures to ensure the activity does not harm Aboriginal cultural heritage (the “cultural heritage duty of care”).

5/0

14.10 (01/19) – 2018/2019 Operational Plan 2nd Quarter Review

S174 of the *Local Government Regulation 2012* requires the chief executive officer to present a written assessment of the local government’s progress towards implementing the annual operational plan at meetings of the local government held at regular intervals of not more than 3 months.

ATTENDANCE

Cr Mackenzie and Cr Paulsen left the meeting at 12.35pm.

ATTENDANCE

Cr Hewson left the meeting at 12.37pm.

ATTENDANCE

Cr Mackenzie and Cr Paulsen returned to the meeting at 12.40pm

Resolution No: (10-01-19)

Moved by: Cr Roger Volz

Seconded by: Cr Bob Hall

That the 2018-19 Operational Plan be reviewed for the second quarter and noted.

4/0

15 CONFIDENTIAL

Nil.

16 LATE CONFIDENTIAL ITEMS

Nil.

17 LATE ITEMS

Nil.

18 GENERAL BUSINESS

18.1 (01/19) Queensland Treasury Corporation Education Program

John Sing of the University of Queensland has advised he is in a position to visit Quilpie to deliver a combined Project Management / Asset Management course for elected members, under the QTC education program.

Noted.

ATTENDANCE

Cr Hewson returned to the meeting at 1.05pm.

18.2 (01/19) Councillor Requests

Councillors were invited to raise any other matters for consideration.

Cr Volz enquired as to whether all current construction activities in the community (eg shed construction) have been approved by Council to ensure regulations are met.

MATERIAL PERSONAL INTEREST DECLARED

Cr Mackenzie declared he has a material personal interest (as defined by section 175B of the *Local Government Act 2009*) in the following matter as follows:

Cr Mackenzie is Chair of the Outback Gondwana Foundation which operates the Eromanga Natural History Museum and Cr Mackenzie's wife is the Collections Manager of the Eromanga Natural History Museum. The Eromanga Natural History Museum stands to gain a financial benefit depending on the outcome of Council's consideration of this matter.

ATTENDANCE

Cr Mackenzie retired from the meeting at 1.15pm and Cr Hewson assumed the role of Chair.

18.3 (01/19) Eromanga Natural History Museum

By email of 24 December 2018, Stephanie Donigi of *Architectus* has provided a design update and the Schematic Design Costing from the Quantity Surveyor for the Eromanga Natural History Museum Stage 2A project.

ATTENDANCE

Cr Volz left the meeting at 1.16pm and returned at 1.20pm.

DEPUTATION

Mr Steve Long and Ms Stephanie Donigi of Architectus, together with Mrs Robyn Mackenzie of the Eromanga Natural History Museum, attended the meeting via teleconference at 2.00pm where a general update and discussion on the status of the design on the new museum was held.

Mr Long, Ms Donigi and Mrs Mackenzie left the meeting at 2.42pm.

19 MEETING DATES

The next Ordinary Meeting of Quilpie Shire Council will take place on Friday, 15 February 2019 in the Quilpie Shire Council Boardroom commencing at 9.30am.

There being no further business the Deputy Mayor declared the meeting closed at 2.48pm.

I hereby certify that the foregoing is a true record of the Minutes of the Proceedings of the Ordinary Meeting held on the Friday, 11 January 2019.

Submitted to the Ordinary Meeting of Council held on the Friday, 15 February 2019.

Cr Stuart Mackenzie

Date

Mayor of Quilpie Shire Council

Order of Proceedings

7 ITEMS ARISING FROM PREVIOUS MEETINGS

7.1 (01/19) – Works for Queensland 2019-2021

By letter of 13 December the Director-General of the Department of Local Government, Racing and Multicultural Affairs has advised that Council has been allocated \$1.09 million under the Works for Queensland 2019/2021 program. This was considered at the January 2019 Ordinary meeting of Council with a final decision on preferred projects now required.

8 MAYORAL REPORT

9 COUNCILLOR PORTFOLIO REPORTS

10 STATUS REPORTS

10.1 (02/19) – Engineering Services Status Reports

10.2 (02/19) – Corporate and Community Services Status Reports

10.3 (02/19) – Financial Services Status Reports

10.4 (02/19) – Governance Status Reports

11 ENGINEERING SERVICES

Nil Reports.

Strategic Decision Report

Corporate and Community Services

12 CORPORATE AND COMMUNITY SERVICES

12.1 (02/19) – Eromanga Television

IX: 174650

Author: Manager of Corporate and Community Services, Lisa Hamlyn

PURPOSE:

The purpose of this report is for Council to consider options to rectify ongoing issues in relation to the re-transmission of television services in Eromanga.

POLICY:

N/A

CORPORATE PLAN:

- 1.2.1 Actively seek out opportunities for utilising ‘smart’ technology to improve Council operations.
- 6.2.5 Provide a range of leisure and recreation activities for the benefit of the community

RECOMMENDATION:

That Council accepts / does not accept the quotation received from N-Com Pty Ltd for the replacement of digital TV transmitters in Quilpie and the re-location of digital TV transmitters from Quilpie to Eromanga for \$38,064.52 (ex GST) + travel.

BACKGROUND:

Eromanga television was upgraded to a digital service at the same time as Quilpie in 2013. Whilst Eromanga has almost always experienced station “drop outs” it has become an ongoing issues that requires a permanent solution. Each time a “drop out” occurs, it requires the Eromanga Maintenance Officer to go onsite to reboot the effected equipment. Some time ago I requested that the Maintenance Officer sent an email / text each time he had to attend the TV building for data collection purposes.

The drop outs are occurring at least twice a week, more often every two days and some days they occur several times per day. Following their last maintenance visit, N-com Pty Ltd provided a report in which they stated the issues were a result of aging transmitting equipment and recommended that the Digital TV transmitters at the Quilpie site were upgraded and the transmitters in Quilpie were re-located to Eromanga to solve these issues. The quoted price to undertake these upgrades - \$38,064.52 (ex GST) + travel.

DISCUSSION:

Consideration has been given to other options which can be tabled at the Council Meeting.

FINANCIAL:

Quotation to upgrade / replace transmitters - \$38,064.52 (ex GST) + travel

CONSULTATION:

N/A

ATTACHMENTS:

Copy of N-com Quotation



N-COM Pty Ltd. ABN 62 110 579 229
2 Allworth Street, Northgate QLD. 4013
PO Box 207, Geebung, QLD. 4034
Ph. 07 3266 6779 Email: info@n-com.com.au

Ref: Q1887-01

Date: 11th December 2018

Ms Lisa Hamlyn
Deputy Chief Executive Officer
Quilpie Shire Council
Quilpie QLD 4480

Dear Lisa,

Following our maintenance visit we are pleased to offer a quotation for the following equipment.

Equipment Description	Model	Unit Price	Qty	Price Exc. GST
Replacement of Digital TV Transmitters – Quilpie	MAIA5W	\$ 9,516.13	4	\$ 38,064.52
Relocation of Digital Transmitters from Quilpie to Eromanga with scheduled Maintenance visit			1	INCLUDED
Travelling Costs			1	TBA
TOTAL				\$ 38,064.52

TERMS AND CONDITIONS

- Prices • AUD
- Exchange Rate • 1 AUD = 0.61 EUR
- Subject to Exch. Rate Variation • Yes
- GST • Excluded
- Duty • Included
- Delivery • 1 week
- Payment • 30% deposit. Balance prior to dispatch from N-COM stores.
- Validity • 30 days
- Warranty on Elektronika Equipment • 2 Years
- Warranty on non Elektronika equipment • 1 Year
- Other • Prices subject to our Standard Terms & Conditions - available on request

Should you have any questions please do not hesitate to contact me.
Yours sincerely,

Jye Barber
Broadcast Technician

Strategic Decision Report

Corporate and Community Services

12.2 (02/19) – Adavale Sports & Recreation Association, request for Sponsorship

IX: 174642

Author: Manager of Corporate and Community Services, Lisa Hamlyn

PURPOSE:

The purpose of this report is for Council to consider a request from the Adavale Sports & Recreation Association for sponsorship by way of payment for the Ambulance Service to be present at the 2019 Stockman's Challenge, Rodeo, Gymkhana and Bikekhana.

POLICY:

Local Government Act 2009

Local Government Regulation 2012

C.01 – Community Assistance Policy

CORPORATE PLAN:

6.2.4 Embrace and promote community activities and special occasions

6.2.5 Provide a range of leisure and recreation activities for the benefit of the community

RECOMMENDATION:

That Council approves / does not approve the request received from the Adavale Sports & Recreation Inc. Committee to sponsor the cost of the Ambulance Service to be present at the 2019 Stockmans Challenge, Rodeo, Gymkhana and Bikekhana.

BACKGROUND:

Correspondence has been received from the Adavale Sports & Recreation Association requesting Council's consideration of sponsoring the cost of the Ambulance Service to be present at the 2019 Stockmans Challenge, Rodeo, Gymkhana and Bikekhana.

Adavale Sports & Recreation Association advise that despite the dry conditions, a weekend of fantastic events will be held on 12th & 13th April 2019. If Council favours sponsoring the weekend, further promotion and support of sponsorship will occur during the event. Supporting organisations will be promoted on the event program, event advertising and during commentary of events. A sign or banner can also be displayed at the event venue.

DISCUSSION:

N/A

FINANCIAL:

Indicative cost to have the Ambulance Service present for a 2 day event – approx. \$2,500.00

CONSULTATION:

N/A

ATTACHMENTS:

Copy of Correspondence received from Adavale Sports & Recreation Association

Copy of Sponsorship form

Save the Date poster



ADAVALE SPORTS & RECREATION ASSOCIATION

22nd January 2019

Dear Dave,

The Adavale Sport & Recreation Association is pleased to announce that despite the dry conditions and lack of a favourable season, we will still be running a weekend of fantastic events this year. We will be holding this exciting event on 12th & 13th April 2019, and our program will include a Stockman's Challenge, Horse and Motorbike Gymkhana, and Rodeo.

On behalf of our committee, I am writing to request the Quilpie Shire Council's help & involvement in this event, by way of sponsorship. If you choose to support our event, your valued contribution will be truly appreciated, not only by our committee, but the competitors and attendees of our event. Our previous events would not have been at all possible without our kind sponsors, and we were lucky enough to receive support by way of monetary donations, prizes, and services that sponsors saw appropriate.

As per previous conversations, what we are requesting of you, is if you could sponsor the cost of the Ambulance to be present during our event.

If you choose to sponsor our weekend in some way this year, we will endeavour to furthermore promote and support your business during our event. We will aim to publish your support on our program, utilize signs/posters during the event to list contributing businesses, and publicly broadcast your business name during commentating of events. We also ensure that if you supply a banner/sign/advertising material, we make it easily visible during the weekend.

Adavale is a tiny little outback town, and our committee is only slightly extended with some members from neighbouring properties. However, we are determined to continue to make our event thoroughly enjoyable for competitors and attendees and make the trip to our district worthwhile for all travellers.

Should you decide to support any of these events, please fill out the attached sponsor sheet and return via email or post to our **Treasurer** using the nominated address. We thank you for considering sponsorship of Adavale 2019.

If you have any questions regarding this letter you can contact me on 07 4654 0237, or wellclose@accbeef.net.au to find out more about these events or the Adavale Sport & Recreation Association.

Kind regards, and all the best for your business year,

Dale Chicken

President

Adavale Sport & Recreation Association

ADAVALE SPORTS & RECREATION ASSOCIATION

PHONE: Dale – 07 4654 0237

Sponsorship of Adavale – Challenge, Gymkhana, Bikekhana & Rodeo 2019

Name of Sponsor	
Business Name	
Address of Sponsor	

Event/s I wish to sponsor:	
List of Events:	
<ul style="list-style-type: none"> - Stockman's Challenge: Open, Rookie, Futurity, Encouragement, Junior - Rodeo: Saddle Bronc, Station Buckjump, Poddy Ride, Open Bullock Ride, Bull Ride, - Horse Gymkhana - Motorbike Gymkhana - Novelties (such as Tug-o-War, Broom Throw, Age Group Sprints) 	
1st Preference:	
2nd Preference:	

Sponsorship Amount \$		
Payment Type:	EFT	CHEQUE
<u>EFT payments:</u>		
Account: Adavale Sport & Recreation Association		
BSB 084 829		
A/C 829 383 349		
<p>If paying by EFT, to avoid any confusion, please use name/business name as a reference and email notification and payment reference number and time to: gundrycattle@outlook.com.au</p> <p><u>Cheques payable to: Adavale Sport & Recreation Association</u></p> <p>Post cheques to:</p> <p style="padding-left: 40px;">Fran Green "Mogera" Quilpie QLD 4480</p>		
I require a Tax invoice issued in my business name:	YES	NO
Business Name		

Please return sponsorship form to Fran at: gundrycattle@outlook.com.au

Thank You for your generous support!



ADAVALE SPORTS & RECREATION ASSOCIATION

SAVE THE DATE

When

April, 12th & 13th, 2019

Where

ADAVALE SPORTS GROUNDS

Adavale, Queensland 4474

FULL PROGRAM TO FOLLOW

Nominations will be distributed and made available on the 'Adavale Sports & Recreation Association' Facebook Page from 1st March 2019.

FULL BAR & CANTEN OPERATING ALL WEEKEND

FOR MORE INFORMATION PLEASE CONTACT • President - Dale Chicken • 07 4654 0237 • Secretary - Rully Barton • 0438 452 108 • Treasure - Fran Green • 0459 020 161

STOCKMANS CHALLENGE

Open Challenge
Rookie Challenge
Futurity Challenge
Encouragement Challenge
Junior Challenge

RODEO

Open Bull Ride
Open Saddle Bronc
Station Buck Jump
Bullock Ride
Poddy Ride

HORSE GYMKHANA

AGE GROUP EVENTS

BIKEKHANA

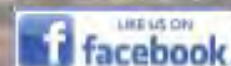
AGE GROUP EVENTS

COWBOY POLO

Live Music & Bar

Bar Games & Novelty Events

* RSA & Channel Country Circuit Affiliated



Strategic Decision Report

Financial Services

13 FINANCE

13.1 (02/19) – Finance Report Period Ending 31 January 2019

IX: 174619

Author: Manager of Financial Services, Arminda David

PURPOSE:

The purpose of this report is to present Council with the monthly financial report

POLICY:

Local Government Regulation 2012

CORPORATE PLAN:

2.2.1 Ensure Council's financial sustainability through responsible management and planning of finances and assets.

RECOMMENDATION:

That Council receive the finance report as at 31 January 2019.

BACKGROUND:

Section 204 of the *Local Government Regulation 2012* requires a financial report to be presented at a meeting of Council each month. The report must state the progress that has been made in relation to Council's budget for the period of the financial year up to a day as near as practicable to the end of the month before the meeting is held.

DISCUSSION:

Not applicable

FINANCIAL:

As per attached documentation

CONSULTATION:

Not applicable

ATTACHMENTS:

Financial Report

Statement of Comprehensive Income

For month ending 31 January 2019

59% of year elapsed.

	2019 Actual	Amend 18/19	
REVENUE			
Recurrent revenue			
Rates, levies and charges	2,437,413	4,840,989	50%
Fees and charges	30,171	100,192	30%
Rental income	186,448	285,000	65%
Interest received	225,914	336,325	67%
Sales revenue	1,607,217	3,355,500	48%
Other income	29,905	39,748	75%
Grants, subsidies, contributions and donations	2,134,632	3,458,352	62%
Total recurrent revenue	6,651,701	12,416,106	54%
Capital revenue			
Grants, subsidies, contributions and donations	2,603,680	3,863,000	67%
Gain or loss on disposal	0	0	
Total capital revenue	2,603,680	3,863,000	67%
TOTAL REVENUE	9,255,381	16,279,106	57%
EXPENSES			
Recurrent Expenses			
Employee benefits	-2,953,493	-5,718,980	52%
Materials and services	-2,427,781	-5,694,944	43%
Finance costs	-10,804	-17,680	61%
Depreciation and amortisation	-3,455,115	-5,765,902	60%
TOTAL RECURRENT EXPENSES	-8,847,193	-17,197,506	51%
OTHER COMPREHENSIVE INCOME			
Gain on revaluation	27,717	27,717	
NET OPERATING SURPLUS	435,904	-890,683	-49%

Statement of Financial Position
For the month ending 31 January 2019

	2018 Actual	Amend 18/19
ASSETS		
Current Assets		
Cash and cash equivalents	21,495,383	14,367,755
Trade and other receivables	258,216	3,498,220
Inventories	444,242	365,838
Other financial assets	0	74,852
Total current assets	22,197,841	18,306,665
Non-current Assets		
Receivables	57,924	56,250
Property, plant and equipment	187,343,140	182,678,719
Capital works in progress	2,439,038	2,656,232
Total non-current assets	189,840,102	185,391,201
TOTAL ASSETS	212,037,943	203,697,866
LIABILITIES		
Current Liabilities		
Trade and other payables	598,988	1,211,985
Provisions	401,796	507,716
Other	-90,875	-21,528
Total current liabilities	909,909	1,698,173
Non-current Liabilities		
Provisions	136,996	44,908
Total non-current liabilities	136,996	44,908
TOTAL LIABILITIES	1,046,904	1,743,081
NET COMMUNITY ASSETS	210,991,039	201,954,785
EQUITY		
Community Equity		
Shire capital	75,540,157	80,930,662
Asset revaluation surplus	117,380,680	107,745,258
Current Surplus	435,904	-890,683
Accumulated Surplus	15,138,836	11,674,086
Other reserves	2,495,462	2,495,462
TOTAL COMMUNITY EQUITY	210,991,039	201,954,785

Statement of Cash Flow
For month ending 31 January 2019

	2018 Actual	Amend 18/19
Cash flows from operating activities:		
Receipts from customers	6,409,363	8,784,231
Payments to suppliers and employees	(5,680,821)	(11,432,482)
Interest received	225,914	336,325
Rental income	186,448	285,000
Non-capital grants and contributions	1,682,572	3,011,428
	2,823,475	984,502
Cash flows from investing activities:		
Movement in loans	0	3,750
Payments for property, plant and equipment	(3,513,213)	(9,542,250)
Proceeds from sale of property, plant and equipment	27,717	27,717
Grants, subsidies, contributions and donations	2,603,680	3,863,000
	(881,817)	(5,647,783)
Cash flows from financing activities		
	-	-
Net increase (decrease) in cash held	1,941,658	(4,663,281)
	19,553,725	19,031,036
	21,495,383	14,367,755

Revenue and Expenditure Report
For month ending 31 January 2019

		2018 Actual	Amend 18/19	2018 Actual	Amend 18/19	
1000-0001	CORPORATE GOVERNANCE					
1000-0002	EXECUTIVE SERVICES					
1000-2000	Executive Services Salaries - CEO			147,610	220,000	67%
1000-2020	Executive CEO Expenses			18,915	50,000	38%
1000-2030	Executive Services - HR Expenses			70,485	160,000	44%
1000-0002	EXECUTIVE SERVICES TOTAL	0	0	237,010	430,000	55%
1100-0002	COUNCILLORS EXPENSES					
1100-2000	Councillor Wages			168,641	240,000	70%
1100-2001	Councillor Remuneration - Meetings			29,829	40,000	75%
1100-2020	Councillors Allowances & Expenditure			7,336	15,000	49%
1100-2030	Councillor Professional Dev Training			235	5,000	5%
1100-2040	Councillors Conferences & Deputation			13,071	20,000	65%
1100-2050	Election Expenses			0	0	
1100-2060	Meeting Expenses			1,495	3,000	50%
1100-0002	COUNCILLORS EXPENSES TOTAL	0	0	220,606	323,000	68%
1000-0001	CORPORATE GOVERNANCE TOTAL	-	-	457,616	753,000	61%
2000-0001	ADMINISTRATION AND FINANCE					
2100-0002	ADMINISTRATION & FINANCE					
2100-1150	Grant - Local Government Diploma	0	0			
2100-1500	Office Rental	0	0			

	2018 Actual	Amend 18/19	2018 Actual	Amend 18/19	
2100-2000			618,247	1,130,000	55%
2100-2020			0	15,000	0%
2100-2070			74,286	140,000	53%
2100-2110			8,925	12,000	74%
2100-2120			25,732	60,000	43%
2100-2130			3,252	5,300	61%
2100-2180			74,006	200,000	37%
2100-2185			6,012	18,000	33%
2100-2220			40,644	50,000	81%
2100-2230			93,361	165,000	57%
2100-2270			14,330	40,000	36%
2100-2280			3,155	6,000	53%
2100-2290			14,456	35,000	41%
2100-2330			6,865	20,000	34%
2100-2340			58,451	62,000	94%
2100-2350			15,171	31,000	49%
2100-2370			9,003	12,000	75%
2100-2500			0	50,000	0%
2100-2510			20,408	20,000	102%
2100-2600			27,913	43,887	64%
2100-2991			0	0	
2101-1510	0	0			
2100-1510	0	46,200			
2100-2510			40,572	110,000	
2105-1700	0	0			
2105-2000			0	0	
2100-0002	0	46,200	1,154,791	2,225,187	52%

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
2110-0002 STORES						
2110-1510 Stores Sale of Raw Materials (Quarry)	0	0				
2110-1550 Auction Sales	0	0				
2110-2220 Stores Operating Expenses				118,601	157,000	76%
2110-2225 Stores Write -Offs				0	0	
2110-2240 Stores Adjustment				-62	-1,000	
2110-2250 Auction Expenses				0	0	
2110-2540 Freight				972	10,000	10%
2110-2815 Stores Oncosts Recoveries				-57,710	-108,000	53%
2110-2880 Oncost Recoveries - Freight				0	0	
2110-0002 STORES TOTAL	0	0		61,801	58,000	107%
2200-0002 RATES & CHARGES						
2210-0003 Rates Cat 1 Quilpie						
2210-1000 Cat 1 Rates	58,237	116,687	50%			
2210-1005 Cat 1 Interest on Rates	324	513	63%			
2210-1080 Cat 1 Discount	-4,607	-11,719	39%			
2210-1085 Cat 1 Pensioner Rebate	-2,134	-5,835	37%			
2210-1090 Cat 1 Writeoff and Refund	0	0				
2210-0003 Rates Cat 1 Quilpie TOTAL	51,820	99,646	52%	0	0	
2212-0003 Rates Cat 2 - Eromanga						
2212-1000 Cat 2 Rates	6,899	13,798	50%			
2212-1005 Cat 2 Interest on rates	172	225	77%			
2212-1080 Cat 2 Discount	-440	-1,104	40%			
2212-1085 Cat 2 Pensioner Rebate	-268	-414	65%			
2212-1090 Cat 2 Writeoff and Refund	0	0				
2212-0003 Rates Cat 2 - Eromanga TOTAL	6,364	12,505	51%	0	0	

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19
2214-0003	Rates Cat 3 Other Rural Towns					
2214-1000	Cat 3 Rates	11,145	22,599	49%		
2214-1005	Cat 3 Interest on Rates	475	420	113%		
2214-1080	Cat 3 Discount	-743	-2,034	37%		
2214-1085	Cat 3 Pensioner Rebate	-568	-1,130	50%		
2214-1090	Cat 3 Writeoff and Refund	0	0			
2214-0003	Rates Cat 3 Other Rural Towns TOTAL	10,309	19,855	52%	0	0
2216-0003	Rates Cat 4 Mining Tenements					
2216-1000	Cat 4 Rates	17,308.99	13,494	128%		
2216-1005	Cat 4 Interest on Rates	239	505	47%		
2216-1080	Cat 4 Discount	-1,248	-1,657	75%		
2216-1085	Cat 4 Pensioner Rebate	0	-138	0%		
2216-1090	Cat 4 Writeoff and Refund	0	0			
2216-0003	Rates Cat 4 Mining Tenements TOTAL	16,300	12,204	134%	0	0
2218-0003	Rates Cat 5 Other Land					
2218-1000	Cat 5 Rates	0	0			
2218-1005	Cat 5 Interest on Rates	0	0			
2218-1080	Cat 5 Discount	0	0			
2218-1085	Cat 5 Pensioner Rebate	0	0			
2218-1090	Cat 5 Writeoff and Refund	0	0			
2218-0003	Rates Cat 5 Other Land TOTAL	0	0		0	0
2220-0003	Rates Cat 6 - Rural <7\$/ha					
2220-1000	Cat 6 Rates	275,347	552,052	50%		
2220-1005	Cat 6 Interest on Rates	189	1,860	10%		

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19
2220-1080	Cat 6 Discount	-24,465	-46,500	53%		
2220-1085	Cat 6 Pensioner Rebate	0	-164	0%		
2220-1090	Cat 6 Writeoff and Refund	0	0			
2220-0003	Rates Cat 6 - Rural <7\$/ha TOTAL	251,071	507,248	49%	0	0
2222-0003	Rates Cat 7 - Commercial & Industrial					
2222-1000	Cat 7 Rates	17,074	34,148	50%		
2222-1005	Cat 7 Interest on Rates	5	51			
2222-1080	Cat 7 Discount	-1,529	-1,430			
2222-1085	Cat 7 Pensioner Rebate	0	0			
2222-1090	Cat 7 Writeoff and Refund	0	0			
2222-0003	Rates Cat 7 - Commercial & Industrial	15,550	32,769	47%	0	0
2224-0003	Rates Cat 8 - Rural 7-10\$/ha					
2224-1000	Cat 8 Rates	292,962	586,119	50%		
2224-1005	Cat 8 Interest on Rates	243	2,980	8%		
2224-1080	Cat 8 Discount	-27,181	-54,000	50%		
2224-1085	Cat 8 Pensioner Rebate	-225	-225			
2224-1090	Cat 8 Writeoff and Refund	0	0			
2224-0003	Rates Cat 8 - Rural 7-10\$/ha TOTAL	265,799	534,874	50%	0	0
2226-0003	Rates Cat 9 - Rural > 10\$/ha					
2226-1000	Cat 9 Rates	155,088	326,721	47%		
2226-1005	Cat 9 Interest on Rates	523	160	327%		
2226-1080	Cat 9 Discount	-11,768	-29,800	39%		
2226-0003	Rates Cat 9 - Rural > 10\$/ha TOTAL	143,844	297,081	48%	0	0
2228-0003	Rates Cat 10 - Pumps, Bores & Telec					
2228-1000	Cat 10 Rates	5,110	10,270	50%		
2228-1005	Cat 10 Interest on Rates	0	91	0%		

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19
2228-1080	Cat 10 Discount	-195	-1,009	19%		
2228-0003	Rates Cat 10 - Pumps, Bores & Telec TOTAL	4,915	9,352	53%	0	0
2230-0003	Rates Cat 11-Mine&Oil Prod <5000ha					
2230-1000	Cat 11 Rates	511,184	1,022,355	50%		
2230-1080	Cat 11 Discount	-47,260	-99,200	48%		
2230-0003	Rates Cat 11-Mine&Oil Prod <5000ha TOTAL	463,924	923,155	50%	0	0
2232-0003	Rates Cat 12 - Oil Prod 5000-10000ha					
2232-1000	Cat 12 Rates	402,179	804,370	50%		
2232-1080	Cat 12 Discount	-29,353	-80,600	36%		
2232-0003	Rates Cat 12 - Oil Prod 5000-10000ha TOTAL	372,826	723,770	52%	0	0
2234-0003	Rates Cat 13 -Oil Prod 10000-25000ha					
2234-1000	Cat 13 Rates	343,202	686,404	50%		
2234-1080	Cat 13 Discount	-34,320	-55,600	62%		
2234-0003	Rates Cat 13 -Oil Prod 10000-25000ha TOTAL	308,882	630,804	49%	0	0
2236-0003	Rates Cat 14 -Oil Prod 25000-50000ha					
2236-1000	Cat 14 Rates	194,832	389,666	50%		
2236-1080	Cat 14 Discount	-19,483	-37,800	52%		
2236-0003	Rates Cat 14 -Oil Prod 25000-50000ha TOTAL	175,349	351,866	50%	0	0
2240-0003	Rates Cat 16 - Oil Distillation/Refi					
2240-1000	Cat 16 Rates	43,605	87,209	50%		
2240-1080	Cat 16 Discount	-4,360	-8,920	49%		
2240-0003	Rates Cat 16 - Oil Distillation/Refi TO	39,244	78,289	50%	0	0
2200-0002	RATES & CHARGES TOTAL	2,126,195	4,233,418	50%	0	0

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19
2295-0002	GRANTS					
2295-1100	FAGS General Component	928,195	1,781,829	52%		
2295-1130	FAGS Identified Road Component	307,746	580,218	53%		
2295-0002	GRANTS TOTAL	1,235,941	2,362,047	52%	0	0
2300-0002	OTHER REVENUE					
2300-1500	Administration Fees (GST Applies)	697	1,850	38%		
2300-1510	Admin Fees (GST Exempt)	1,450	5,000	29%		
2300-1601	Fire Levy Commission	3,094	3,000	103%		
2300-1800	Bank Interest Received	3,505	6,000	58%		
2300-1810	Investment Interest	218,533	320,000	68%		
2300-1990	Miscellaneous Income	0	500	0%		
2300-1995	Misc Income GST Free	0	500	0%		
2310-1300	Quilpie Club Lease - Beneficial Ent	0	0			
2300-2130	Investment Admin & Fees Charges				7,552	12,380
2310-1300	Quilpie Club Rent		3,500			
2310-2300	Quilpie Club - Beneficial Enterprise		0		254	500
2300-0002	OTHER REVENUE TOTAL	227,279	340,350	67%	7,806	12,880
2400-0002	EMPLOYEE ONCOSTS					
2400-2010	Expense Annual Leave				423,970	706,670
2400-2011	Expense Long Service Leave				49,500	83,677
2400-2012	Expense Sick Leave				69,276	151,268
2400-2013	Expense Public Holiday				86,963	150,000
2400-2015	Expense Bereavement Leave				2,955	4,360
2400-2016	Expense Domestic Violence Leave				0	1,908
2400-2020	Expense Maternity Leave				0	3,380
2400-2040	Expense Backpay and S/Leave Bonus				0	0

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19		
2400-2060	Expense Super Contributions -9%			104,292	157,300	66%	
2400-2065	Expense Super Contributions-12%			221,539	354,000	63%	
2400-2230	Expense Workers Compensation			64,472	90,000	72%	
2400-2315	Expense Employee Relocation			0	3,000	0%	
2400-2410	Expense WH&S			85,028	150,000	57%	
2400-2821	Recovery Annual Leave			-280,654	-435,000	65%	
2400-2822	Recovery Sick Leave			-72,766	-113,000	64%	
2400-2823	Recovery LSL			-62,369	-96,500	65%	
2400-2824	Recovery Public Holidays			-95,631	-148,000	65%	
2400-2825	Recovery Superannuation			-319,557	-490,000	65%	
2400-2826	Recovery Workers Comp			-47,657	-72,700	66%	
2400-2827	Recovery Training			-103,946	-161,000	65%	
2400-2828	Recovery WH&S			-130,973	-203,000	65%	
2400-2829	Recovery Contractors			-84,189	-168,000	50%	
2400-2830	Recovery Office Equipment			-35,231	-53,400	66%	
2400-2831	Recovery Administration			-62,741	-100,500	62%	
2400-0002	EMPLOYEE ONCOSTS TOTAL	0	0	-187,720	-185,537	101%	
2000-0001	ADMINISTRATION AND FINANCE TOTAL	3,589,415	6,982,015	51%	1,036,678	2,110,530	49%
3000-0001	INFRASTRUCTURE						
3000-0002	ENGINEERING ADMIN & SUPERVISION						
3000-1100	Apprentice Incentive Payments	21,500	16,500	130%			
3000-2029	Engineering O/C Recover Supervision				-144,103	-242,529	59%
3000-2030	Engineering O/C Recover Plant				-12,898	-18,759	69%
3000-2040	Engineering O/C Recover FP & LT				-36,341	-53,473	68%
3000-2050	Engineering O/C Recover Wet Weather				-21,181	-35,532	60%
3000-2060	Wet Weather Wages Expense				1,338	8,000	17%

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3000-2080	Purchase equip-cameras, data loggers				1,381	1,381	100%
3000-2220	Engineering Management Expenses				18,134	35,000	52%
3000-2420	Quality Assurance Expenses				35,533	60,000	59%
3000-2985	Engineering Consultants				14,654	35,000	42%
3000-2990	Works Supervision				335,298	550,000	61%
3000-002	ENGINEERING ADMIN & SUPERVISION TOTAL	21,500	16,500	130%	191,814	339,088	57%
3100-002	WATER						
3100-003	WATER - QUILPIE						
3100-1000	Quilpie Water Charges	115,431	230,000	50%			
3100-1005	Quilpie Water Charges Interest	404	805	50%			
3100-1020	Quilpie Other Water Revenue	0	0				
3100-1080	Quilpie Water Discount	-10,135	-22,700	45%			
3100-1085	Quilpie Water Pensioner Rebate	-2,124	-6,200	34%			
3100-1090	Quilpie Water Writeoff and Refund	0	0				
3100-1500	Quilpie Water Connections	0	506	0%			
3100-2200	Drinking Water Quality Plan				0	4,000	0%
3100-2220	Quilpie Water Operations				59,846	170,000	35%
3100-2600	Depn Quilpie Water				17,131	29,084	59%
3101-1150	LGGSP - Quilpie Water Main Upgrade	0	403,000				
3100-003	WATER - QUILPIE TOTAL	103,577	605,411	17%	76,978	203,084	38%
3110-003	WATER - EROMANGA						
3110-1000	Eromanga Water Charges	9,216	18,450	50%			
3110-1005	Eromanga Water Charges Interest	115	295	39%			
3110-1020	Eromanga Other Water Revenue	19,400	19,400	100%			
3110-1080	Eromanga Water Discount	-641	-1,840	35%			
3110-1085	Eromanga Water Pensioner Rebate	-328	-670	49%			

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3110-2220	Eromanga Water Operations				64,230	60,000	107%
3110-2600	Depn Eromanga Water				23,554	39,987	59%
3110-0003	WATER - EROMANGA TOTAL	27,761	35,635	78%	87,784	99,987	88%
3120-0003	WATER - ADAVALE						
3120-1000	Adavale Water Charges	7,540	15,096	50%			
3120-1005	Adavale Water Charges Interest	129	230	56%			
3120-1080	Adavale Water Discount	-557	-1,430	39%			
3120-1085	Adavale Water Pensioner Remissions	-682	-1,500	45%			
3120-2220	Adavale Water Operations				4,273	8,000	53%
3120-2600	Depn Adavale Water				3,806	6,461	59%
3120-0003	WATER - ADAVALE TOTAL	6,430	12,396	52%	8,079	14,461	56%
3130-0003	WATER - CHEEPIE						
3130-2220	Cheepie Water Operations				0	4,000	0%
3130-2600	Depn Cheepie Water				180	305	59%
3130-0003	WATER - CHEEPIE TOTAL	0	0		180	4,305	4%
3140-0003	WATER - TOOMPINE						
3140-2220	Toompine Water Operations				539	3,000	18%
3140-0003	WATER - TOOMPINE TOTAL	0	0		539	3,000	18%
3100-0002	WATER TOTAL	137,767	653,442	21%	173,559	324,837	53%
3200-0002	SEWERAGE						
3200-0003	QUILPIE SEWERAGE						
3200-1000	Sewerage Charges	90,436	180,080	50%			
3200-1005	Sewerage Charges Interest	419	850	49%			
3200-1080	Sewerage Discount	-7,922	-17,500	45%			
3200-1085	Sewerage Pensioner Remission	-177	-750	24%			
3200-1090	Sewerage Writeoff & Refunds	0	0				

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3200-1500	Sewerage Waste Charge	3,636	50,000	7%			
3200-2220	Quilpie Sewerage Operations				39,990	98,400	41%
3200-2600	Depn Quilpie Sewerage				17,680	30,016	59%
3200-0003	QUILPIE SEWERAGE TOTAL	86,392	212,680	41%	57,670	128,416	45%
3210-0003 EROMANGA SEWERAGE							
3210-1000	Eromanga Sewerage Charges	10,281	20,550	50%			
3210-1005	Eromanga Sewerage Charges Interest	130	290	45%			
3210-1080	Eromanga Sewerage Discount	-728	-2,040	36%			
3210-1085	Eromanga Sewerage Pensioner Remissio	-79	-220	36%			
3210-1510	Eromanga Septic Tank Charges	0	500	0%			
3210-2220	Eromanga Sewerage Operations				5,802	8,000	73%
3210-2600	Depn Eromanga Sewer				5,957	10,114	59%
3210-0003	EROMANGA SEWERAGE TOTAL	9,604	19,080	50%	11,760	18,114	65%
3200-0002	SEWERAGE TOTAL	95,996	231,760	41%	69,430	146,530	47%
3300-0002 INFRASTRUCTURE MAINTENANCE							
3300-0003 SHIRE ROADS MAINTENANCE							
3300-1150	R2R Grant Revenue	0	0				
3300-1170	TIDS Funding Program	435,680	500,000	87%			
3300-2230	Shire Roads & Drainage Expenses				467,386	1,000,000	47%
3300-2300	Early Flood Warning System				0	0	
3300-2600	Depn Roads & Streets				2,572,687	4,388,896	59%
3300-0003	SHIRE ROADS MAINTENANCE TOTAL	435,680	500,000	87%	3,040,073	5,388,896	56%

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3301-0003	SHIRE ROADS - FLOOD DAMAGE 2014					
3301-1200	0	0				
3301-2200				0	0	
3301-2210				0	0	
3301-0003	0	0		0	0	
3302-0003	SHIRE ROADS - FLOOD DAMAGE 2016 TOTAL					
3302-1150	0	0				
3302-1200	75,648	75,647	100%			
3302-2200				0	0	
3302-2210				0	0	
3302-0003	75,648	75,647		0	0	
3310-0003	TOWN STREET & DRAINAGE MAINTENANCE					
3310-2220				261,978	510,000	51%
3310-2230				16,779	35,000	48%
3310-2240				12,453	50,000	25%
3310-0003	0	0		291,209	595,000	49%
3320-0003	SOUTH WEST REGIONAL ROAD GROUP					
3320-1160	0	0				
3320-2220				0	0	
3320-2225				0	0	
3320-0003	0	0		0	0	
3330-0003	DEPOTS & CAMPS					
3330-1500	0	0				
3330-1510	0	0				

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3330-2220	Camps Operations			33,628	72,900	46%
3330-2330	Depots Operations			59,957	150,000	40%
3330-2430	Old Depot Redevelopment			0	10,000	0%
3330-2600	Depn Depot & Camp			95,852	144,303	66%
3330-0003	DEPOTS & CAMPS TOTAL	0	0	189,437	377,203	50%
3340-0003	WORKSHOP					
3340-2220	Workshop Operations			1,940	15,500	13%
3340-2230	Workshop Maintenance & Repairs			51,091	120,000	43%
3340-0003	WORKSHOP TOTAL	0	0	53,032	135,500	39%
3350-0003	PLANT & MACHINERY					
3350-1510	Gain/Loss on Sale/Disposal of Plant	27,717	27,717			
3350-1520	Gain/Loss on revaluation	0				
3350-1570	Diesel Rebate - ATO	33,445	90,000			37%
3350-2145	Small Plant Repairs			6,668	20,000	33%
3350-2225	Small Plant Purchases			15,247	10,000	152%
3350-2227	Floating Plant & Loose Tools Expense			0	0	
3350-2229	Plant Operations			375,211	560,000	67%
3350-2330	Plant Repairs & Maintenance			298,917	450,000	66%
3350-2331	Plant Registration			67,474	75,000	90%
3350-2580	Plant Hire			0	0	
3350-2585	Plant Recoveries			-2,117,918	-3,000,000	71%
3350-2600	Depn Plant			264,397	393,331	67%
3350-0003	PLANT & MACHINERY TOTAL	61,162	117,717	-1,090,005	-1,491,669	73%
3360-0003	AERODROME					
3360-1310	Quilpie Refuelling Revenue	36,272	40,000			
3360-1320	Quilpie Refuelling Strip Lighting-Grant	28,000	210,000			

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3360-2310	Quilpie Refuelling OP & RM			52,970	60,000	88%
3360-2325	Quilpie Aerodrome Operation			10,390	30,000	
3360-2330	Quilpie Aerodrome Repairs & Maint			54,284	60,000	90%
3360-2335	Eromanga Aerodrome Operations			8,542	8,542	
3360-2340	Eromanga Aerodrome Repairs & Maint			4,185	5,000	84%
3360-2350	Adavale Aerodrome Repairs & Maint			1,201	2,000	60%
3360-2360	Toompine Aerodrome Repairs & Maint			880	2,000	44%
3360-2370	Cheepie Aerodrome Repairs & Maint			0	1,000	0%
3360-2600	Depn Quilpie Aerodrome			78,844	111,650	71%
3365-2600	Depn Eromanga Aerodrome			4,328	4,940	88%
3360-0003	AERODROME TOTAL	64,272	250,000	215,624	285,132	76%
3370-0003	BULLOO PARK					
3370-1100	DCP Bulloo Park Grant	0	0			
3370-1120	LGGSP Bulloo Park Grant	0	0			
3370-1130	BoR Bulloo Park Grant	0	0			
3370-1500	Bulloo Park Fees	1,377	4,000			34%
3370-1510	Bulloo Park - Other Income	0	0			
3370-2220	Bulloo Park Operations			57,199	140,000	41%
3370-2600	Depn Bulloo Park			34,436	51,211	67%
3370-0003	BULLOO PARK TOTAL	1,377	4,000	91,635	191,211	48%
3371-0003	BULLOO RIVER WALKWAY					
3371-2220	Bulloo River Walkway Operations			0	1,000	0%
3371-0003	BULLOO RIVER WALKWAY TOTAL	0	0	0	1,000	

	2018 Actual	Amend 18/19	2018 Actual	Amend 18/19	
3375-0003 JOHN WAUGH PARK					
3375-1120 JWP S&R Grant	-	-			
3375-1125 JWP LGSSP Grant	-	-			
3375-2220 John Waugh Park Operations			64,182	140,000	46%
3375-2600 Depn John Waugh Park			8,085	12,530	65%
3375-0003 JOHN WAUGH PARK TOTAL	0	0	72,267	152,530	47%
3376-0003 BICENTENNIAL PARK					
3376-2220 Bicentennial Park Operations			9,065	30,000	30%
3376-2600 Depn Bicentennial Park			22,863	36,247	63%
3376-0003 BICENTENNIAL PARK TOTAL	0	0	31,928	66,247	48%
3380-0003 COUNCIL LAND & BUILDINGS					
3380-1500 Bulloo Park Fees	-	-			
3380-1501 Profit/(Loss) on Sale of Assets	0	0			
3380-2330 Council Properties Operating Exp			13,357	36,000	37%
3380-2600 Depn Council Buildings Other			7,751	11,131	70%
3380-0003 COUNCIL LAND & BUILDINGS TOTAL	0	0	21,109	47,131	45%
3385-0003 PARKS & GARDENS					
3385-1500 Barbeque Fees	0	0			
3385-2220 Parks & Gardens Operating Expenses			59,555	140,000	43%
3385-2420 Street Tree Program			0	0	
3385-2600 Depn Parks Building			11,543	18,039	64%
3385-0003 PARKS & GARDENS TOTAL	0	0	71,098	158,039	45%

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3390-0003	PUBLIC TOILETS						
3390-2220	Public Toilets Operations				14,504	22,000	66%
3390-0003	PUBLIC TOILETS TOTAL	0	0		14,504	22,000	66%
3300-0002	INFRASTRUCTURE MAINTENANCE TOTAL	638,139	947,364	67%	3,001,910	5,928,220	51%
3400-0002	BUSINESS OPPORTUNITIES						
3400-0003	DMR WORKS						
3400-1230	MRD SWTD - 1047 Red Rd	0	0				
3400-1235	MRD Red Road TCP	0	0				
3400-1240	MRD Diamantina Dev Rd	0	0				
3400-1260	Quilpie Adavale Red Rd TIDS 18/19	380,000	380,000				
3400-1550	MRD RMPC Revenue	0	0				
3400-1560	Quilpie Windorah Rd-Culvert Proj-Inc	452,046	446,910				
3400-1570	Quilpie Adavale Red Rd Resheet 18/19	336,094	450,000				
3400-2225	MRD RMPC Expenses				0	0	
3400-2301	MRD-Diamantina Dev Rd				0	0	
3400-2302	MRD - Qlp/Adv Red Rd				0	0	
3400-2303	MRD Red Rd TCP & TIDS				0	0	
3400-2304	MRD Red Rd TCP				0	0	
3400-2305	MRD Quilpie -Thargo TIDS 17/18 Wide				419,637	419,367	
3400-2306	Quilpie Adavale Red Rd TIDS 18/19				411,187	760,000	
3400-2307	Quilpie Adavale Red Rd Resheet 18/19				326,044	324,753	
3401-1550	DMR WORKS - MRD RMPC Rev 18/19	840,692	2,450,000				
3401-2225	DMR WORKS - MRD RMPC Exp 18/19				992,910	2,400,000	
3401-1200	MRD Truckstop	0	0		0	0	
3401-2200	MRD Truckstop				0	0	
3402-1200	MRD West Rd Stg 2	0	0		0	0	

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
3402-2200	MRD West Rd Stg 2				0	0	
3403-1200	MRD Red Rd Re Sheet 1718	0	0			0	
3403-2200	MRD Red Rd Resheet 1718				0	0	
3404-1200	Warrego Way Signage				0	0	
3404-2200	Warrego Way Signage				0	0	
3405-1200	MRD Blackall Road Re-Sheet				0	0	
3405-2200	MRD Blackall Road Re-Sheet				64,586	6,418	
3400-0003	DMR WORKS TOTAL	2,008,833	3,726,910	54%	2,214,364	3,910,538	57%
3410-0003	PRIVATE WORKS						
3410-1500	Private Works Revenue - No GST	911	500	182%			
3410-1550	Private Works Revenue	13,247	35,000	38%			
3410-2230	Private Works Expenditure				14,128	25,000	57%
3410-0003	PRIVATE WORKS TOTAL	14,158	35,500	40%	14,128	25,000	57%
3400-0002	BUSINESS OPPORTUNITIES TOTAL	2,022,991	3,762,410	54%	2,228,492	3,935,538	57%
3000-0001	INFRASTRUCTURE TOTAL	2,916,393	5,611,476	52%	5,665,205	10,674,213	53%
4000-0001	ENVIRONMENT & HEALTH						
4100-0002	PLANNING & DEVELOPMENT						
4100-0003	TOWN PLANNING - LAND USE & SURVEY						
4100-1500	Town Planning Fees	0	500	0%			
4100-2220	Town Planning Expenses				0	0	
4100-2410	Review Planning Scheme				75	2,000	
4100-0003	TOWN PLANNING - LAND USE & SURVEY TOTAL	0	500	0%	75	2,000	4%

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
4150-0003	BUILDING CONTROLS						
4150-1500	Building Fees No GST	0	0				
4150-1501	Building Fees - GST Applies	3,683	5,000	74%			
4151-1505	Swimming Pool Inspection Fees	0	500	0%			
4150-2220	Building Expenses				-1,123	30,000	-4%
4151-2225	Swimming Pool Inspection Costs				297	1,000	30%
4150-0003	BUILDING CONTROLS TOTAL	3,683	5,500	67%	-826	31,000	-3%
4100-0002	PLANNING & DEVELOPMENT TOTAL	3,683	6,000	61%	-751	33,000	-2%
4200-0002	WASTE MANAGEMENT						
4200-0003	GARBAGE COLLECTION						
4200-1000	Garbage Charges	113,743	227,000	50%			
4200-1005	Garbage Charges - Interest	508.4	1,050	48%			
4200-1080	Garbage Charges Discount	-9,886	-21,950	45%			
420-1085	Garbage pensioner Remission	0					
4200-1090	Garbage Charges Writeoff and Refund	0	0				
4200-2220	Garbage Operations				65,339	140,000	47%
4200-0003	GARBAGE COLLECTION TOTAL	104,366	206,100	51%	65,339	140,000	47%
4250-0003	LANDFILL OPERATIONS						
4250-1500	Landfill Fees Revenue	0	250				
4250-2235	Landfill Operations				69,950	150,000	47%
4250-2600	Depn Landfill				2,696	4,511	60%
4250-0003	LANDFILL OPERATIONS TOTAL	0	250		72,646	154,511	47%
4200-0002	WASTE MANAGEMENT TOTAL	104,366	206,350	51%	137,986	294,511	47%

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
4300-0002 PEST MANAGEMENT & ANIMAL CONTROL						
4300-0003 PLANT PEST CONTROL						
4300-1150 Drought Assist Feral Pest Program	0	0				
4300-1200 Land Holder Contribution	0	0				
4300-2210 Pest Plant Chemical Subsidy				0	0	
4300-2220 Biodiversity Cacti Control Expenses				0	0	
4300-2230 WONS Weed Expenses				0	0	
4300-2240 TMR Weed Spray Expenses				0	0	
4300-2290 Plant Pest Control Expenses				20,954	50,000	42%
4300-0003 PLANT PEST CONTROL TOTAL	0	0		20,954	50,000	42%
4310-0003 ANIMAL PEST CONTROL						
4310-2205 Wild Dog Destruction Expenses				0	0	
4310-2235 Wild Dog Coordinator Expenditure				73,398	162,955	45%
4310-2250 Wild Dog Bonus Payments				13,800	20,000	69%
4310-2280 DNR Precept - Barrier Fence				0	115,000	0%
4311-1150 Drought Assist Feral Pest Grant DAFF	0	0		0	0	
4311-2255 Drought Assist Feral Pest Exp				0	0	
4312-1140 SWNRM Baiting Participation Grant	0	0		0	0	
4312-1900 Syndicate Baiting Revenue	0	0		0	0	
4312-2260 Syndicate Baiting Expense				84,826	220,000	39%
4313-1150 QLD Feral Pest Initiative SWRED	60,000	90,000	67%	0	0	
4313-2250 QLD Feral Pest Initiative SWRED				62,660	116,000	54%
4315-1010 Wild Dog Levy Revenue	0	0		0	0	
4315-2010 Wild Dog Levy Expenditure				0	0	
4310-0003 ANIMAL PEST CONTROL TOTAL	60,000	90,000	67%	234,684	633,955	37%

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
4320-0003	STOCK ROUTES & RESERVES MANAGEMENT						
4320-1500	Common Application Fees	1,320	1,550	85%			
4320-1550	Donation Drought Relief	0	0				
4320-1600	Mustering / Supplement Fees	2,196	2,196	100%			
4320-1700	Sale of Stock	0	2,000				
4320-1800	Reserve Fees	0					
4320-2200	Common Fence Repairs & Firebreaks				17,303	20,000	87%
4320-2220	Stock Routes & Reserves Expenses				43,555	50,000	87%
4320-0003	STOCK ROUTES & RESERVES MANAGEMENT TOTA	3,516	5,746	61%	60,858	70,000	87%
4330-0003	DOMESTIC ANIMAL CONTROL						
4330-1300	Animal Write -Off	0	0				
4330-1400	Animal Discounts	-1,180	-1,650	72%			
4330-1500	Animal Control Fees	7,379	10,000	74%			
4330-1700	Animal Control Fines & Penalties	1,048	590				
4330-2220	Animal Control Expenses				14,810	25,000	59%
4330-0003	DOMESTIC ANIMAL CONTROL TOTAL	7,247	8,940	81%	14,810	25,000	59%
4300-0002	PEST MANAGEMENT & ANIMAL CONTROL TOTAL	70,763	104,686	68%	331,306	778,955	43%
4500-0002	ENVIRONMENT & HEALTH						
4510-0003	ENVIRONMENTAL PROTECTION						
4510-2220	Environmental Protection Expenses				18,577	30,000	62%
4510-0003	ENVIRONMENTAL PROTECTION TOTAL	0	0		18,577	30,000	62%

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
4520-0003	HEALTH AUDITING & INSPECTION						
4520-1400	Health Licenses & Permits Revenue	2,080	2,000	104%			
4520-2230	Health Operations				0	10,200	0%
4520-0003	HEALTH AUDITING & INSPECTION TOTAL	2,080	2,000	104%	0	10,200	0%
4500-0002	ENVIRONMENT & HEALTH TOTAL	2,080	2,000	104%	18,577	40,200	46%
4000-0001	ENVIRONMENT & HEALTH TOTAL	180,891	319,036	57%	487,118	1,146,666	42%
5000-0001	COMMUNITY SERVICES						
5100-0002	COMMUNITY DEVELOPMENT						
5120-0003	COMMUNITY FACILITIES SWIMMING POOLS						
5120-1210	Grant-Swimming Pool Kiosk Extension	0	0				
5120-2220	Quilpie Swimming Pool Operations				88,930	170,000	52%
5120-2330	Quilpie Swimming Pool Repairs & Mtc				29,041	50,000	58%
5120-2600	Depn Swimming Pool Structures				25,836	58,619	44%
5125-2220	Eromanga Swimming Pool Opt & Maint				3,212	15,000	21%
5125-2230	Eromanga Swimming Pool Repairs & Mtc				19,957	15,000	133%
5125-2600	Depn Eromanga Swimming Pool				966	4,650	21%
5120-0003	COMMUNITY FACILITIES SWIMMING POOLS TOTAL	0	0		167,942	313,269	54%
5150-0003	COMMUNITY FACILITIES - SHIRE HALLS						
5150-1500	Shire Halls - Revenue	568	2,000	28%			
5150-2220	Shire Hall Operations				11,698	25,000	47%
5150-2330	Shire Halls Repairs & Maintenance				33,002	65,000	51%
5150-2331	Shire Halls - Special Maintenance				0	0	
5150-2600	Depn Shire Halls				31,481	48,268	65%
5150-0003	COMMUNITY FACILITIES - SHIRE HALLS TOTAL	568	2,000	28%	76,181	138,268	55%

	2018 Actual	Amend 18/19	2018 Actual	Amend 18/19	
5170-0003 RECREATION FACILITIES					
5170-1500 Hire Amusement Equipment Fee	0	0			
5170-2220 Recreational Facilities Operating Ex			1,634	7,000	23%
5170-2230 Recreational Facilities Repairs &Mtc			377	2,000	19%
5170-2250 All Sports Building			1,467	3,000	49%
5170-2330 Adavale Sport & Rec Grounds			364	5,000	7%
5170-2340 Eromanga Rodeo & Race Grounds			3,330	20,000	17%
5170-2600 Depn Recreational Facilities			18,089	31,417	58%
5170-0003 RECREATION FACILITIES TOTAL	0	0	25,262	68,417	37%
5180-0003 TOWN DEVELOPMENT TOTAL					
5180-2820 Town Development - Eromanga			0	40,000	0%
5180-2830 Town Development - Adavale			0	30,000	0%
5180-2840 Town Development - Toompine			0	20,000	0%
5180-0003 TOWN DEVELOPMENT TOTAL	0	0	0	90,000	0%
5190-0003 COMMUNITY DEVELOPMENT					
5190-1150 Community Bud Income	4,582	10,000			
5190-1200 Grant-Community Celebration	6,000	6,000			
5190-2000 Community Development Wages			0	0	
5190-2100 Community Support Activities & Event			16,629	40,000	42%
5190-2150 Buses Community Support			15,149	20,000	76%
5190-2170 Redevelopment of Old Depot Site			89,693	200,000	45%
5190-2320 Community Celebrations			19,616	30,000	65%
5190-2500 Council Community Grants			18,062	30,000	60%
5190-2520 Com Grant -Quilpie Kindy Operational			0	10,000	0%
5190-2530 Special Maint - Cultural Society Bld			0	0	
5190-2810 Community Dev - Quilpie			0	0	

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
5190-2820				0	0	
5190-2830				0	0	
5190-2840				3,810	3,560	107%
5191-1100	0	0		0	0	
5191-1102	0	0		0	0	
5191-1105	0	0		0	0	
5191-1107	0	0		0	0	
5191-1108	440,000	550,000	80%		0	
5191-1120	0	0		0	0	
5191-2102				0	0	
5191-2240				0		
5192-1102	0	0		0	0	
5192-1103	13,872	13,872				
5192-2230				25,166	32,000	79%
5195-1100	2,937	2,853	103%		0	
5195-2100				0	0	
5196-1100	168	168		0	0	
COMMUNITY DEVELOPMENT TOTAL	467,560	582,893	80%	188,124	365,560	51%
				36,071		
5100-0002 COMMUNITY DEVELOPMENT TOTAL	468,128	584,893	80%	457,509	975,514	47%
5200-0002 AGED SERVICES						
5220-1200	61,924	80,000	77%			
5220-2220				27,868	65,000	43%
5220-2600				29,296	46,959	62%
5200-0002 AGED SERVICES TOTAL	61,924	80,000	77%	57,163	111,959	51%

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
5225-0002	HOUSING						
5225-1200	Rent - Housing	124,524	205,000	61%			
5225-2220	Housing-operating expense				1,111	1,111	
5225-2230	Housing - Repairs & Maintenance				80,812	150,000	54%
5225-2600	Depn Housing				78,213	121,190	65%
5225-0002	HOUSING TOTAL	124,524	205,000	61%	160,136	272,301	59%
5300-0002	HEALTH PROMOTION & YOUTH SERVICES						
5300-0003	COMMUNITY HEALTH PROMOTIONS						
5300-1100	Health Promotions Officer Grant Rev	68,000	125,000	54%			
5300-2000	Health Promotions Officer Wages				0	0	
5300-2020	National Dis. Ins. Scheme Officer				3,772	50,000	
5300-2200	Heart of Australia Bus Visit					20,000	
5300-2240	Health Promotions Officer Activities				56,906	125,000	46%
5300-0003	COMMUNITY HEALTH PROMOTIONS TOTAL	68,000	125,000	54%	60,678	195,000	31%
5320-0003	YOUTH ACTIVITY CENTRE						
5320-1500	Youth Centre Revenue	0	0				
5320-2240	Youth Centre Operations				0	0	
5320-0003	YOUTH ACTIVITY CENTRE TOTAL	0	0		0	0	
5300-0002	HEALTH PROMOTION & YOUTH SERVICES TOTAL	254,448	410,000	62%	277,977	579,260	48%
5500-0002	TOURISM						
5510-0003	ECONOMIC DEVELOPMENT & PROMOTION						
5510-2000	Economic Development Staff Costs				0	0	
5510-2100	Economic Development				6,594	50,000	13%
5510-2120	Economic Dev Training & Conferences				0	0	

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
5510-2130				0	2,500	0%
5510-2140				13,904	15,000	93%
5510-2150				0	40,000	0%
5510-2160				0	0	
5511-1103	0	0				
5511-2145				0	0	
5510-0003	0	0		20,498	107,500	19%
5520-0003	VISITOR INFORMATION CENTRE					
5520-1500	4,346	4,000	109%			
5520-1510	16	3,684	0%			
5520-1515	0	200				
5520-1520	341	400	85%			
5520-1530	218	400	55%			
5520-2000				124,329	200,000	62%
5520-2110				467	1,000	47%
5520-2120				26,373	50,000	53%
5520-2130				0	0	
5520-2220				21,833	45,000	49%
5520-2230				931	5,000	19%
5520-2510				0	0	
5520-2515				0	0	
5520-2600				17,991	24,063	75%
5521-1500	-878	-878	100%			
5521-2000				0	0	
5522-1500	821	821	100%	0	0	
5523-1500	14	14				
5520-0003	4,879	8,641	56%	191,924	325,063	59%

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
5530-0003 TOURISM EVENTS & ATTRACTIONS						
5530-2100 Major Events Promotion Expense				5,127	15,000	34%
5530-2300 OQTA Events Promotion				0	15,000	0%
5531-1100 Grant Tourism Events	0	0				
5531-1200 Tourism Events Fund Raising	0	0				
5531-2200 Tourism Events Exp				1,492	8,000	19%
5530-0003 TOURISM EVENTS & ATTRACTIONS TOTAL	0	0		6,619	38,000	17%
5500-0002 TOURISM TOTAL	4,879	8,641	56%	219,041	470,563	47%
5600-0002 ARTS & CULTURE						
5610-0003 MUSEUMS						
5610-1110 DCP ENHM Grant	0	0				
5610-1150 DCF OGF Wages Grant	100,000	100,000	100%			
5610-1160 DCP - JWPARK	175,000	350,000				
5610-1170 DCP - ROADWORKS	75,000	150,000				
5610-1180 DCP Exclusion Fence	250,000	500,000				
5610-1200 Grant - Eromanga Nat History Museum	1,200,000	1,200,000				
5610-2000 DCF OGF Wages paid				0	0	
5610-2220 Eromanga Living History Museum O&M				3,176	7,000	45%
5610-2230 Museum Operations & Maintenance				217	217	100%
5610-2240 Powerhouse Museum Operations				1,126	1,500	75%
5610-2260 Eromanga Natural History Museum				8,871	10,000	89%
5610-2250 Museums Military History				6,665	8,000	83%
5610-2600 Depn Museum				25,635	40,123	64%
5610-0003 MUSEUMS TOTAL	1,800,000	2,300,000	78%	45,690	66,840	68%

		2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
5630-0003	REGIONAL ARTS DEVELOPMENT FUNDING						
5630-1100	RADF Grant Revenue	45,000	45,000	100%			
5630-1400	RADF Earnback and Refunds	0	0				
5630-2180	RADF Grant Expenditure				33,312	75,000	44%
5630-2200	RADF Meeting and Admin Costs				0	250	0%
5630-0003	REGIONAL ARTS DEVELOPMENT FUNDING TOTAL	45,000	45,000	100%	33,312	75,250	44%
5600-0002	ARTS & CULTURE TOTAL	1,845,000	2,345,000	79%	79,002	142,090	56%
5700-0002	LIBRARY SERVICES						
5710-1100	Libraries Operating Grant Revenue	670	1,000	67%			
5710-1120	First Five Grant -Library	1,062					
5710-1600	Library Fees & Charges Revenue	207	1,000	21%			
5710-2120	First Five Grant -Library-Exps				368	1,000	
5710-1995	Miscellaneous Income -GST Free	0			0	0	
5710-2220	Library Operating Expenses	0			83,226	155,000	54%
5710-2330	Library Repairs & Maintenance Expens	0			1,550	3,000	52%
5710-2600	Depn Library	0			10,217	16,406	62%
5711-1130	Grant Centrelink Access Point	4,991	5,000	100%			
5711-2240	Centrelink Access Point	0			60	100	60%
5713-1150	Grant Broadband for Seniors	0	0				
5713-2230	Broadband for Seniors Exp				0	0	
5714-1120	SLQ - Tech Savvy Regional Grant	10,000	10,000				
5714-2220	SLQ - Tech Savvy Regional Grant Exps				9,070	10,000	
5700-0002	LIBRARY SERVICES TOTAL	16,931	17,000	100%	104,490	185,506	56%

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
5750-0002 DISASTER MANAGEMENT SERVICES						
5750-1100 Grant - Get Ready Queensland	6,102	6,102	100%			
5750-2020 Get Ready Qld Exp				5,331	6,100	87%
5750-2220 Disaster Management Operations				188	2,000	9%
5750-0002 DISASTER MANAGEMENT SERVICES TOTAL	6,102	6,102	100%	5,520	8,100	68%
5800-0002 PUBLIC SERVICES						
5810-0003 STATE EMERGENCY SERVICES						
5810-1140 QLD Emergency Services Grant Revenue	0	18,660	0%			
5810-1160 NDRP Flood Warning System Grant		0				
5810-2220 Emergency Services Operations		0		17,672	30,000	59%
5810-2600 Depn S.E.S				3,607	13,708	26%
5810-0003 STATE EMERGENCY SERVICES TOTAL	0	18,660	0%	21,279	43,708	49%
5820-0003 TELEVISION						
5820-2220 Satellite TV Operations				0	2,000	0%
5820-2230 TV Maintenance & Repairs				7,854	45,000	17%
5820-2600 Depn Satellite TV				13,640	23,146	59%
5820-0003 TELEVISION TOTAL	0	0		21,495	70,146	31%
5830-0003 CEMETERIES						
5830-1500 Burial Fees	909	4,000	23%			
5830-1510 Grave Reservation Fee	0	0				
5830-2220 Cemeteries Operations				13,823	35,000	39%
5830-2230 Cemeteries Maintenance				0	2,500	0%
5830-2600 Depn Cemeteries Building				439	710	62%
5830-0003 CEMETERIES TOTAL	909	4,000	23%	14,262	38,210	37%

	2018 Actual	Amend 18/19		2018 Actual	Amend 18/19	
5800-0002 PUBLIC SERVICES TOTAL	909	22,660	4%	167,046	345,670	48%
5000-0001 COMMUNITY SERVICES TOTAL	2,596,396	3,394,296	76%	1,200,575	2,513,097	48%
TOTAL REVENUE AND EXPENDITURE	9,283,096	16,306,823	57%	8,847,193	17,197,506	51%
PROFIT/(LOSS)	435,904	-890,683	-49%			

Balance Sheet

For the month ending 31 January 2019

	Open		Change			Closing			
	Actual	Budget	Actual	Budget	Var%	Actual	Budget	Var%	
0100-0002	CURRENT ASSETS								
0100-3000	Cash at Bank	764,713	764,713	694,851	-198,591	-350%	1,459,565	789,337	185%
0100-3010	Cash on Hand	300	300	0	0		300	300	100%
0100-3020	NAB Cash Maximiser	1,043,233	1,043,233	1,002,497	-678,847	-148%	2,045,730	595,268	344%
0100-3030	Investments	17,745,479	17,745,479	244,310	-635,276	-38%	17,989,788	12,982,850	139%
0100-3100	Accounts Receivable - Debtors	1,183,468	1,183,468	-1,105,835	0		77,633	3,370,632	2%
0100-3101	Adjustment - Acc Rec Debtors	0	0	0	0		0	0	
0100-3105	Provision for Doubtful Debts	268	268	91	0		359	-812	-44%
0100-3110	Accrued Revenue	829,868	829,868	-829,868	0		0	2,877	0%
0100-3120	Interest Receivable	0	0	0	0		0	0	
0100-3121	GST Receivable	0	0	0	0		0	0	
0100-3150	Accounts Receivable - Rates	158,055	158,055	19,787	0		177,842	125,243	142%
0100-3151	Adjustment - Acc Receivable Rates	0	0	0	0		0	0	
0100-3170	Government Pensioner Subsidy	127	127	0	0		127	50	
0100-3200	Pre-paid Expenses	0	0	0	0		0	74,852	0%
0100-3400	Stores Stock on Hand	398,256	398,256	45,986	0		444,242	365,838	121%
0100-3410	Manufact. Stores Stock on Hand	0	0	0	0		0	0	
0100-3500	Animals Receivables	364	364	1,891	0		2,255	230	980%
2310-3000	Bowls Club Loan Current	0	0	0	0		0	0	
0100-0002	CURRENT ASSETS TOTAL	22,124,132	22,124,132	73,710	-1,512,714	-5%	22,197,841	18,306,665	121%

		Open		Change			Closing		
		Actual	Budget	Actual	Budget	Var%	Actual	Budget	Var%
0200-0002	NON-CURRENT ASSETS								
0200-4000	Airports	1,131,516	1,131,516	0	0		1,131,516	761,160	149%
0200-4100	Airports Accum Depn	-712,406	-340,903	-4,781	-10,000		-717,186	-349,948	205%
0200-4500	WIP Airports	0	0	43,596	0		43,596	0	
0210-4000	Land & Land Improvements	3,017,974	3,017,974	51,222	223,000		3,069,196	3,240,974	95%
0210-4020	Land & Land Improvemts-Transfer	-363,952	-363,952	0	0		-363,952		
0210-4100	Land Improvements Accum Depn	0	0	0	0		0	0	
0210-4200	Land Sales Account	278,857	278,857	-278,857	0		0	0	
0210-4500	WIP Land Improvements	35,116,808	34,188,279	459,123	3,627,000		35,575,931	278,857	12758%
0220-4000	Buildings & Other Structures	4,715,953	4,834,456	0	0		4,715,953	39,350,575	12%
0220-4010	Building Revaluation adj	5,440,500	1,538,900	0	0		5,440,500	1,448,968	375%
0220-4020	Buildings & Other Struct-transfer	-23,104,039	-12,181,308	-383,160	-533,322		-23,487,199		
0220-4100	Buildings & Structures Accum Depn	7,782,518	9,879,809	0	0		7,782,518	-12,538,213	-62%
0220-4110	Accum. Depc'n Reval Bldg & Struct	0	0	0	0		0		
0220-4200	WIP Building Sales Account	229,914	229,914	739,054	0		968,967	0	
0220-4500	WIP Buildings & Structures	4,804,254	5,834,715	687,931	0		5,492,185	660,896	831%
0230-4000	Other Assets	848,159	848,159	0	0		848,159	4,541,454	19%
0230-4010	Other Revaluation Adj	-738,983	-1,132,516	0	0		-738,983	13,179	-5607%
0230-4020	Other Assets-transfer	-3,943,193	-2,170,214	-146,601	-190,271		-4,089,794	-1,132,515	361%
0230-4100	Other Assets Accum Depn	-567,553	1,628,830	0	0		-567,553	-2,305,439	25%
0230-4500	WIP Other Assets	238,624	238,624	47,745	0		286,370	1,098,166	26%
0240-4000	Plant & Equipment	9,720,267	9,720,267	-102,172	1,024,250		9,618,095	11,799,911	82%
0240-4100	Plant & Equipment Accum Depn	-4,510,594	-4,510,594	13,091	0		-4,497,503	-5,065,613	89%
0240-4100	Plant & Equipment Accum Depn			18,088			18,088	0	
0240-4110	Plant Reval Adj	0	0	0	0		0		
0240-4500	WIP Plant & Equipment Purchases	0	0	0	0		0	0	
0250-4000	Furniture & Office Equipment	473,442	473,442	24,069	66,000		497,511	539,442	92%

		Open		Change			Closing		
		Actual	Budget	Actual	Budget	Var%	Actual	Budget	Var%
0250-4020	Furniture & Office Equip-transfer	150,575	150,575	0	0		150,575		
0250-4100	Furniture & O/Equip Accum Depn	-279,560	-279,560	-13,753	-29,163		-293,313	-308,723	95%
0250-4500	WIP Furniture & O/Equipment	0	0	0	0		0		
0260-4000	Road Infrastructure	172,461,880	172,461,880	1,124,940	1,765,000		173,586,820	175,003,439	99%
0260-4010	Roads reval adjust	7,597,829	11,912,581	0	0		7,597,829	11,912,580	64%
0260-4100	Road Infrastructure Accum Depn	-41,445,395	-52,996,890	-2,572,687	-3,674,752		-44,018,082	-56,671,642	78%
0260-4110	Roads reval adjust	4,314,751	4,314,751	0	0		4,314,751	4,314,751	100%
0260-4500	WIP Road Infrastructure	348,854	348,854	121,765	0		470,619	536,000	88%
0270-4000	Water Infrastructure	6,169,634	6,169,634	0	1,160,000		6,169,634	7,649,634	81%
0270-4010	Water Revaluation Adj	104,884	104,884	0	0		104,884	104,884	100%
0270-4100	Water Infrastruct Accum Depn	-2,752,401	-2,752,401	-44,671	-75,837		-2,797,072	-2,828,238	99%
0270-4500	WIP Water Infrastructure	364,860	364,860	284,759	0		649,619	65,879	986%
0280-4000	Sewerage Infrastructure	4,083,817	4,083,817	0	235,000		4,083,817	4,498,817	91%
0280-4010	Sewer Revaluation Adj	69,425	69,425	0	0		69,425	69,425	100%
0280-4100	Sewerage Accum Depn	-1,329,916	-1,329,916	-23,695	-40,227		-1,353,611	-1,370,143	99%
0280-4500	WIP Sewerage Infrastructure	6,774	6,774	13,093	0		19,867	16,600	120%
2310-4000	Bowls Club Loan Non Current	57,924	57,924	0	-3,750		57,924	56,250	103%
0200-0002	NON-CURRENT ASSETS TOTAL	189,782,001	195,831,447	58,099	3,542,928	2%	189,840,100	185,391,367	102%

TOTAL ASSETS	211,906,133	217,955,579	131,809	2,030,214	212,037,940	203,698,032	104%
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0300-0002 CURRENT LIABILITIES

0300-5100	Accounts Payable - Creditors	12,835	12,835	46,466	0		59,301	163,530	36%
0300-5110	Accrued Expenses	451,856	451,856	-451,856	0		0	429,317	0%
0300-5130	Accrued TOIL	1,769	1,769	-4,898	0		-3,129	6,681	-47%
0300-5140	Banked RDO's	7,624	7,624	-6,409	0		1,215	10,104	12%

	Open		Change			Closing			
	Actual	Budget	Actual	Budget	Var%	Actual	Budget	Var%	
0300-5160	Fire Service Levy Payable	52,089	52,089	-25,054	0	27,035	7,199	376%	
0300-5200	Prepaid Revenue	0	0	0	0	0	0		
0300-5300	GST Suspense	-138,158	-138,158	108,497	0	-29,661	153,467	-19%	
0300-5310	PAYG Suspense	0	0	0	0	0	0		
0300-5400	Payroll Suspense	0	0	0	0	0	0		
0300-5410	Advance Pay Suspense	0	0	0	0	0	0		
0300-5420	Telstra Business Systems	-3,198	-3,198	0	0	-3,198	-3,198	100%	
0300-5450	Dishonoured Cheq Susp - Rates	-2	-2	0	0	-2	-2		
0300-5460	Debtors/Rates/Animal Refund Susp	0	0	0	0	0	1,313	0%	
0300-5470	Dishonoured Cheques - Animals	0	0	0	0	0	0		
0300-5475	Staff Fundraiser Exps	0	0	0	0	0	0		
0300-5480	Suspense - Trust Fund	60	60	660	0	720	0		
0300-5490	General Suspense	1,630	1,630	-1,280	0	350	28,892		
0300-5491	Drought Vouchers	0	0	0	0	0	0		
0300-5495	SWRRG Suspense Account	-54,592	-54,592	-36,283	0	-90,875	-21,528		
0300-5500	Provision for LSL - Current	388,413	388,413	13,383	0	401,796	507,716	79%	
0300-5510	Prov. for Annual Leave - Current	493,676	493,676	52,679	0	546,356	414,682	132%	
0300-0002	CURRENT LIABILITIES TOTAL	1,214,003	1,214,003	-304,095	0	909,908	1,698,173	54%	
0400-0002	NON-CURRENT LIABILITIES								
0400-6500	Provision for LSL - Non-current	136,996	136,996	0	0	136,996	44,908	305%	
0400-0002	NON-CURRENT LIABILITIES TOTAL	136,996	136,996	0	0	136,996	44,908	305%	
TOTAL LIABILITIES		1,350,999	1,350,999	-304,096	0	1,046,904	1,743,081	60%	
NETT ASSETS/(LIABILITIES)		210,555,135	216,604,580	435,904	2,030,214	21%	210,991,038	201,954,951	104%

		Open		Change			Closing		
		Actual	Budget	Actual	Budget	Var%	Actual	Budget	Var%
0500-0002	EQUITY								
0500-7000	Shire Capital	75,540,157	75,540,157	0	506,990	0%	75,540,157	80,930,662	93%
0500-7100	Accumulated Surplus	15,138,836	15,138,836	0	2,037,340		15,138,836	13,006,086	116%
0500-7150	Operating Surplus	0	0	435,904	817,884	53%	435,904	-890,517	-49%
0500-7200	Asset Revaluation Reserve	117,380,680	123,430,124	0	0		117,380,680	107,745,258	109%
0500-7420	Approp Revaluation			0			0		
0500-7500	RES Grants in advance	2,495,462	2,495,462	0	0		2,495,462	2,495,462	
0550-7440	Approp Capital Grants	0	0	0	-1,332,000		0	-1,332,000	
0500-0002	EQUITY TOTAL	210,555,135	216,604,580	435,904	2,030,214	21%	210,991,038	201,954,951	104%

14 GOVERNANCE

14.1 (02/19) – Water Supply and Sewerage Services Asset Management Plans

IX: 162647

Author: Chief Executive Officer, Dave Burges

PURPOSE:

The purpose of this report is for Council to review and adopt the updated Water Supply Services Asset Management Plan and Sewerage Services Asset Management Plan.

POLICY/LEGISLATION:

Local Government Act 2009

Local Government Regulation 2012

G.01 Asset Management Policy

G.01-A Asset Management Strategy

CORPORATE PLAN:

2.2.1 Ensure Council's financial sustainability through responsible management and planning of finances and assets

RECOMMENDATION:

That Council adopt the updated Water Supply Services Asset Management Plan and Sewerage Services Asset Management Plan as presented.

BACKGROUND:

It is a requirement under s167 of the Local Government Regulation 2012 that a local government must prepare and adopt a long-term asset management plan.

A local government's long-term asset management plan must:

- provide for strategies to ensure the sustainable management of the assets mentioned in the local government's asset register and the infrastructure of the local government; and
- state the estimated capital expenditure for renewing, upgrading and extending the assets for the period covered by the plan; and
- be part of, and consistent with, the long-term financial forecast.

Council prepared and adopted a Water and Sewerage Total Management Plan circa 2007. The data on which these plans were based was considerably deficient at that time.

Council then adopted a Water Supply Services Asset Management Plan and Sewerage Services Asset Management Plan in October 2016. These plans are more robust in terms of content and data but more work is required to achieve reliable forecasting of capital expenditure.

DISCUSSION:

The Water Supply Services Asset Management Plan and the Sewerage Services Asset Management Plan have been developed using a “simple but useful” approach. The data utilised in the plan preparation is the best available at this time. Further refinement of the plan will be required in future years, particularly in relation to replacement of existing assets. As such these should be considered “first generation” asset management plans.

A copy of the plans are included as ***Attachment A*** and ***Attachment B***.

FINANCIAL:

As detailed in the plans.

CONSULTATION:

Not applicable

ATTACHMENTS:

Attachment A: Water Supply Services Asset Management Plan V2 07/01/2019

Attachment B: Sewerage Services Asset Management Plan V2 07/01/2019



QUIPLIE SHIRE COUNCIL ASSET MANAGEMENT PLAN

WATER SUPPLY

ISSUE	DATE	DETAILS
1	14/12/2018	Draft Issue of Asset Management Plan for Review
2	7/01/2019	Final Issue (Current to 30 June 2018)

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1 OVERVIEW AND PURPOSE OF PLAN

1.1 WHAT COUNCIL PROVIDES

Quilpie Shire Council covers an area of 67,482 km² and has a population of approximately 986 residents. The Council encompasses the main town of Quilpie as well as four smaller townships including Eromanga, Adavale, Cheepie and Toompine.

Quilpie Shire Council has a significant portfolio of community assets under its control and these assets form an integral part of providing services to the communities.

Specifically, Council provides reticulated water supply services to declared areas of Quilpie, Eromanga. Non-potable water is supplied to selected areas of the townships of Adavale, Cheepie and Toompine. The total number of connections as at 30 June 2018 is 360. The population receiving water supply services in the Quilpie Shire is estimated to be 727.

The infrastructure assets assessed in this plan are:

- Mains;
- Structures; and
- Mechanical and electrical equipment.

1.2 WHAT DOES IT COST?

There are two key indicators of cost to provide the water supply service:

- The life cycle cost being the average cost over the life cycle of the asset; and
- The total maintenance and capital renewal expenditure required to deliver existing service levels in the next 10 years covered by Council's long term financial plan.

The life cycle cost to provide the water supply service is estimated at \$391,481 per annum. Council's planned life cycle expenditure for year 1 of the asset management plan is \$1,378,828 which gives a life cycle sustainability index of 3.52.

The total maintenance and capital renewal expenditure required to provide the water supply service in the next 10 years is estimated at \$4,483,828. This is an average of \$448,382 per annum.

1.3 PLANS FOR THE FUTURE

Council plans to operate and maintain the water supply systems to achieve the following strategic objectives:

1. Ensure the water supply network is maintained at a safe and functional standard as set out in this asset management plan.
2. Provide the community, business, industry and visitors with appropriate quality services and facilities.
3. Adopt a strategic and regional approach to infrastructure provision.
4. Facilitate the development of improved pressure and fire-fighting capacity for residents and local industry.

1.4 MEASURING PERFORMANCE

1.4.1 QUALITY

Water supply assets will be maintained in a reasonably usable condition. Defects found or reported that are outside our service standard will be repaired.

1.4.2 FUNCTION

Our intent is that an appropriate water supply network is maintained in partnership with other levels of government and stakeholders to ensure safe, usable and efficient water supply throughout the declared water supply areas.

Water supply asset attributes will be maintained at a safe level and we will endeavour to ensure key functional objectives are met:

- Day to day continuity of supply; and
- Adequacy and quality of normal supply.

The main functional consequences of the water supply network service delivery strategy are:

- Council wide acceptance and understanding of life cycle management;
- Improvement in the collection, distribution and use of asset information;
- A longer useful life for the water supply networks;
- Prioritised replacement or rehabilitation of assets;
- Consistency in Councils approach to customer requests;
- Community acceptance of affordable levels of service;
- Appropriate maintenance of the water supply networks; and
- Judicious expansion of the water supply networks or associated capacity.

1.4.3 SAFETY

Council inspect or monitor all water supply assets as regularly as possible and prioritise and repair defects in accordance with our inspection schedule to ensure they are safe.

1.5 THE NEXT STEPS

These actions resulting from this asset management plan are:

- Complete the collection of water supply infrastructure data including condition rating;
- Undertake more detailed modelling to determine an appropriate replacement or rehabilitation schedule for the next 20 years;
- Develop the complaints/requests database to ensure usable data is available for input into decision making;
- Undertake community consultation in relation to customer expectations of the water supply network; and
- Refine levels of service based on funding and community expectations.

2 REGISTERED SERVICE DETAILS

This Asset Management Plan (SWMP) has been prepared by Proterra Group on behalf of Quilpie Shire Council (QSC). It is applicable to QSC Water Supply Service. QSC is a registered water service provider with the Department of Natural Resources, Mines and Energy (DNRME) – Service Provider ID 108.

3 NATURE OF SERVICE

The Quilpie Shire Council supplies retail water to declared areas of Quilpie, Eromanga, Adavale, Cheepie and Toompine townships. The service in Quilpie and Eromanga is potable. The Adavale, Cheepie and Toompine water supply schemes are non-potable. All services are pressure on demand and satisfy normal and peak day demand.

Table 1 shows an overview of the schemes at 30 June 2018.

Table 1 Overview of Schemes and Projected Demand

Scheme Name	Operator	Communities Served	Current (2016)			Future (2026)		
			Population Served	Connections	Demand (kL/d)	Population Served	Connections	Demand (kL/d)
Quilpie	Quilpie Shire Council	Quilpie	654	305	2100	654	305	2100
Eromanga		Eromanga	45	33	25	45	33	25
Adavale		Adavale	25	17	Not Recorded	25	17	Not Recorded
Cheepie		Cheepie	1	2	Not Recorded	1	2	Not Recorded
Toompine		Toompine	2	3	Not Recorded	2	3	Not Recorded
Total				727	360	2125	727	360

4 INFRASTRUCTURE DETAILS

4.1 QUILPIE WATER SUPPLY SCHEME

Quilpie water supply scheme is comprised of two sealed deep artesian bores delivering water directly into the reticulation without the use of reservoirs. Clay pressure valves are installed at each bore to reduce pressure before being supplied into the reticulation. The water supplied is untreated.

Town Bore No. 1 is no longer supplying water to most of the town, however it can be operated as a back-up bore and will be considered as the main supply for future subdivisions to the west of the town.

4.1.1 QUILPIE SCHEMATIC

Figure 1 shows a schematic of the Quilpie water supply scheme.

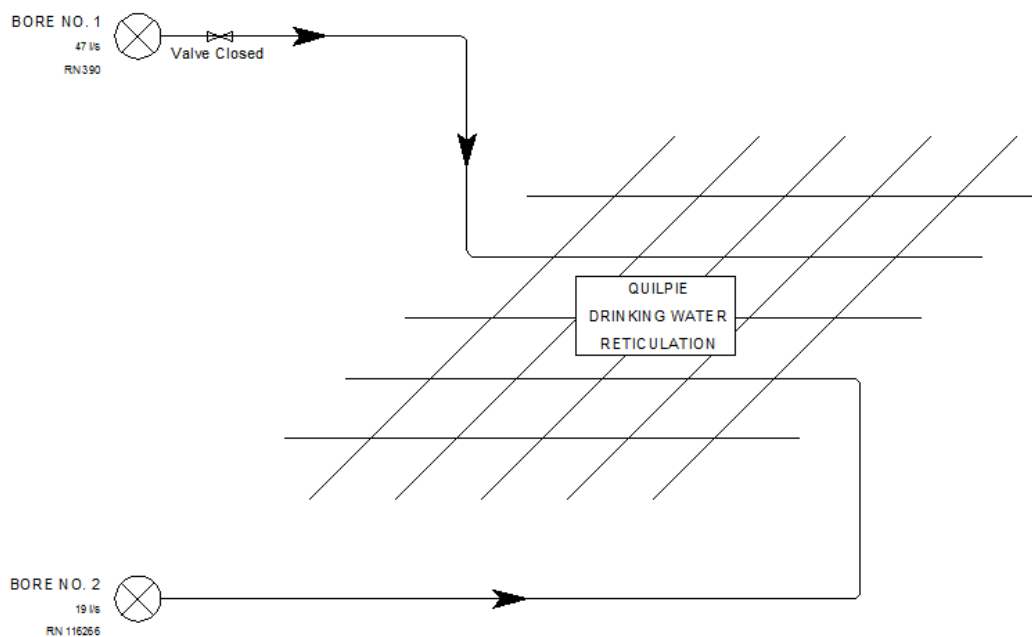


Figure 1 Quilpie Water Supply Schematic

4.1.2 QUILPIE INFRASTRUCTURE DETAILS

Table 2 provides the following details for Quilpie's water supply infrastructure.

Table 2 Quilpie Infrastructure Details

Component		Length (m)	
Mains	Main Diameter (mm)	Less than 50	281
		50	7,243
		80	0
		100	10,074
		150	4,115
		TOTAL	21,713
	Main Material	DICL	6,158
		AC	8,031
		HDPE	7,524
		PVC	0
		TOTAL	21,713
	Main Age	0-10 Years	7,291
10-20 Years		4,503	
20-30 Years		1,365	
30-40 Years		5,635	
40-50 Years		1,434	
50-60 Years		1,485	
60+ Years		0	
TOTAL		21,713	
Structures	Name Type Description	Bore No. 1 (RN390) GAB Bore – Free flow 899.70m Deep. Fully cased (welded steel tube and pressure cemented)	
	Name Type Description	Bore No. 2 (RN116266) GAB Bore – Free flow 966.30m Deep. Fully cased (welded steel tube and pressure cemented to 1100m depth)	

4.2 EROMANGA WATER SUPPLY SCHEME

Eromanga water supply scheme has undergone a significant upgrade in recent times. In 2014 a new supply scheme was developed sourcing water from four (4) shallow sub artesian bores in the township of Eromanga. Each have an electric submersible pump which supplies water on demand to a common raw water tank as determined by automated level control system. Level switches in each bore determine the availability of water in each bore.

- Bore 1 - Rear of town hall
- Bore 2 - Front of town hall
- Bore 3 - School oval
- Bore 4 - House opposite council depot

A reverse osmosis and chlorine dosing system brings the raw water to a potable standard and transfers the treated water to the clean water tank as required to maintain the set level in the tank. The treatment plant can run automatically performing all necessary back flushing to ensure continuous water output. Treated water is drawn from the clean water tank and pressure is maintained by the two clean water pumps and fed to the town supply on demand. The complete system is controlled and monitored by a PLC (programmable logic controller) with an HMI (Human Machine Interface) panel in the main control building. Radio links between each of the four bores and the main control provide run signals to pumps and fault indications back to the PLC and HMI touchscreen.

The existing GAB bore has been retained to provide a fire fighting supply to the IOR oil refinery and provides stock water to a nearby bore drain.

4.2.1 EROMANGA SCHEMATIC

Figure 3 shows a schematic of the Eromanga water supply scheme.

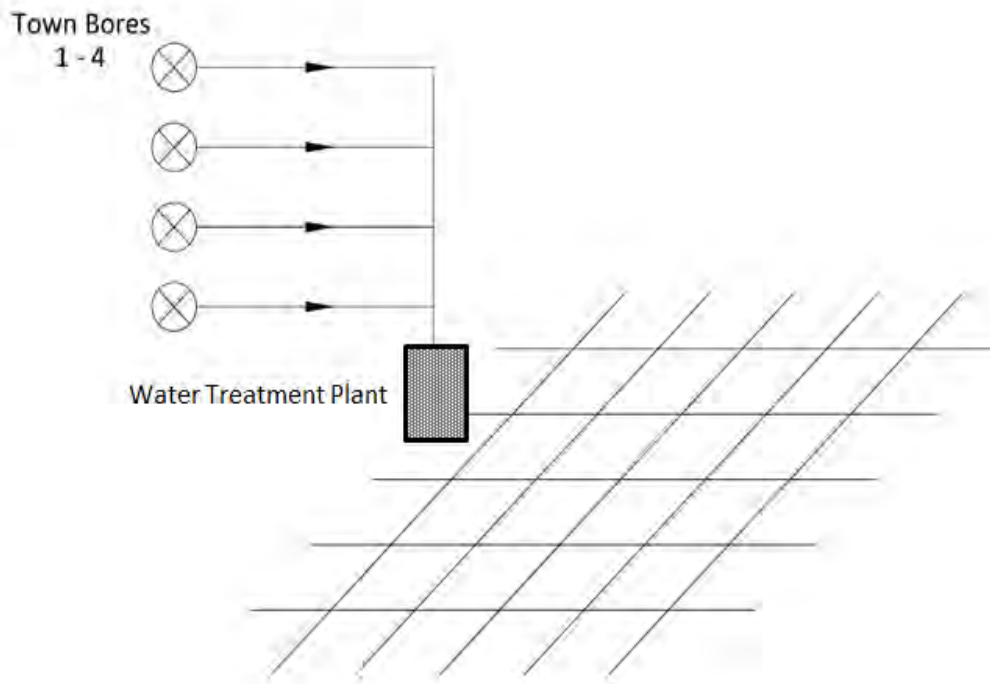


Figure 2 Eromanga Water Supply Schematic

4.2.2 EROMANGA INFRASTRUCTURE DETAILS

Table 3 provides the following details for Eromanga's water supply infrastructure.

Table 3 Eromanga Water Supply Infrastructure Details

Component		Length (m)	
Mains	Main Diameter (mm)	Less than 50	0
		50	3,100
		80	1,952
		100	1,003
		150	0
		TOTAL	6,055
	Main Material	DICL	1,416
		AC	503
		HDPE	4,136
		PVC	0
		TOTAL	6,055
	Main Age	0-10 Years	6,055
		10-20 Years	0
		20-30 Years	0
		30-40 Years	0
40-50 Years		0	
50-60 Years		0	
60+ Years		0	
TOTAL		6,055	
Structures	Name	GAB Bore (RN358)	
	Type	GAB Bore – Free flow	
	Description	1303.63m Deep. Fully cased (welded steel tube and pressure cemented).	
	Name	Bore No. 1 (RNXXXX)	
	Type Description	Sub-Artesian Bore - Pumped Rear of Town Hall	
Name	Bore No. 2 (RNXXX)		
Type Description	Sub-Artesian Bore - Pumped Front of Town Hall		
Name	Bore No. 3 (RNXXX)		
Type Description	Sub-Artesian Bore - Pumped School oval		
Name	Bore No. 4 (RNXXX)		
Type Description	Sub-Artesian Bore - Pumped House opposite Council depot		

4.3 ADAVALE WATER SUPPLY SCHEME

Adavale water supply scheme is comprised of one artesian bore delivering water directly to the reticulation. The water supplied to the reticulation is untreated and has been deemed non-potable.

4.3.1 ADAVALE SCHEMATIC

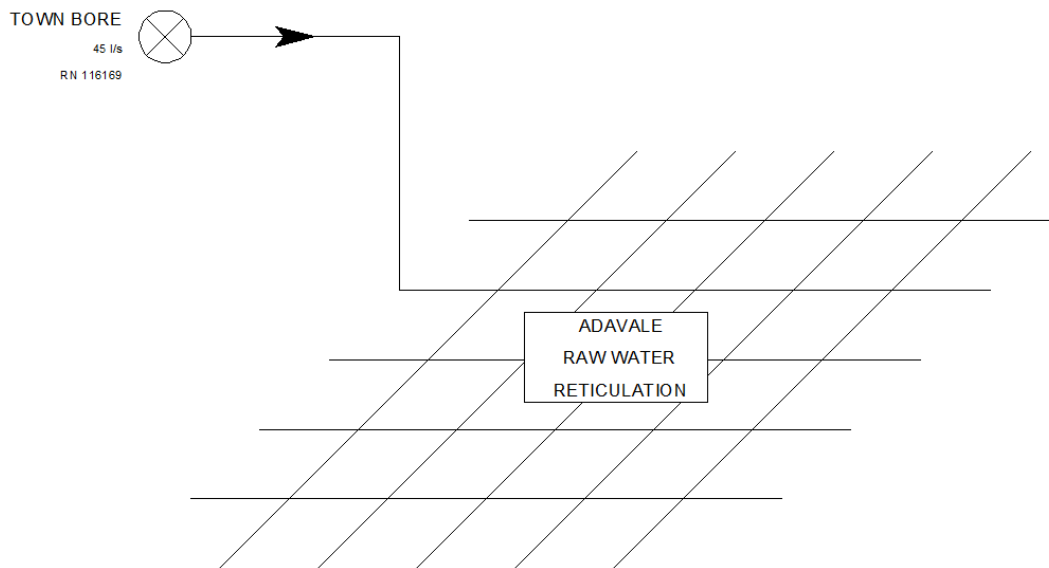


Figure 3 Adavale Water Supply Schematic

4.3.2 ADAVALE INFRASTRUCTURE DETAILS

Table 4 provides the following details for Adavale's water supply infrastructure.

Table 4 Adavale Infrastructure Details

Component		Length (m)	
Mains	Main Diameter (mm)	Less than 50	152
		50	175
		80	1,848
		100	0
		150	0
		TOTAL	2,175
	Main Material	DICL	0
		AC	1,608
		HDPE	567
		PVC	0
		TOTAL	2,175
	Main Age	0-10 Years	2,175
		10-20 Years	0
		20-30 Years	0
		30-40 Years	0
40-50 Years		0	
50-60 Years		0	
60+ Years		0	
TOTAL	2,175		
Structures	Name	Bore No. 1 (RN116169)	
	Type	GAB Bore – Free flow	
	Description	1184m Deep. Fully cased (welded steel tube and pressure cemented).	

4.4 CHEEPIE WATER SUPPLY SCHEME

Cheepie water supply scheme is comprised of one privately owned artesian bore delivering water to a Council owned storage tank. Non-potable water is then reticulated to the Council depot and one residence.

4.4.1 CHEEPIE SCHEMATIC

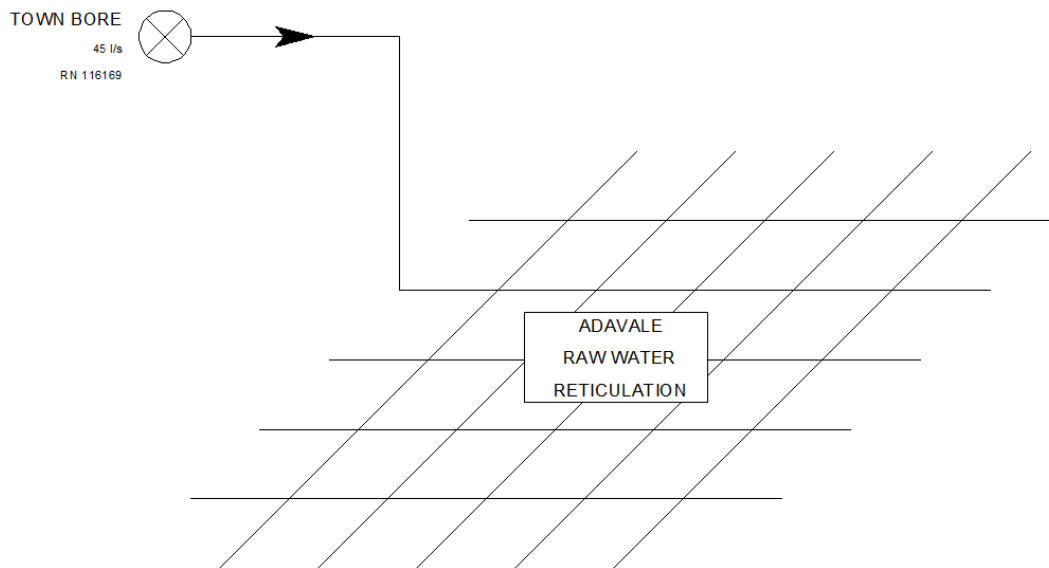


Figure 4 Cheepie Water Supply Schematic

4.4.2 CHEEPIE INFRASTRUCTURE DETAILS

Table 5 provides the following details for Cheepie's water supply infrastructure.

Table 5 – Cheepie Infrastructure Details

Component		Length (m)	
Mains	Main Diameter (mm)	Less than 50	375
		50	0
		80	0
		100	0
		150	0
		TOTAL	375
	Main Material	DICL	0
		AC	0
		HDPE	375
		PVC	0
		TOTAL	375
	Main Age	0-10 Years	24
		10-20 Years	0
		20-30 Years	352
		30-40 Years	0
40-50 Years		0	
50-60 Years		0	
60+ Years		0	
TOTAL	375		

4.5 TOOMPINE WATER SUPPLY SCHEME

Toompine water supply scheme is comprised of one sub-artesian bore on the town reserve delivering non-potable water to a storage tank adjacent to the town hall. Water is then reticulated to the hall and the Toompine Hotel.

4.5.1 TOOMPINE SCHEMATIC

Figure 6 shows a schematic of the Toompine water supply scheme.

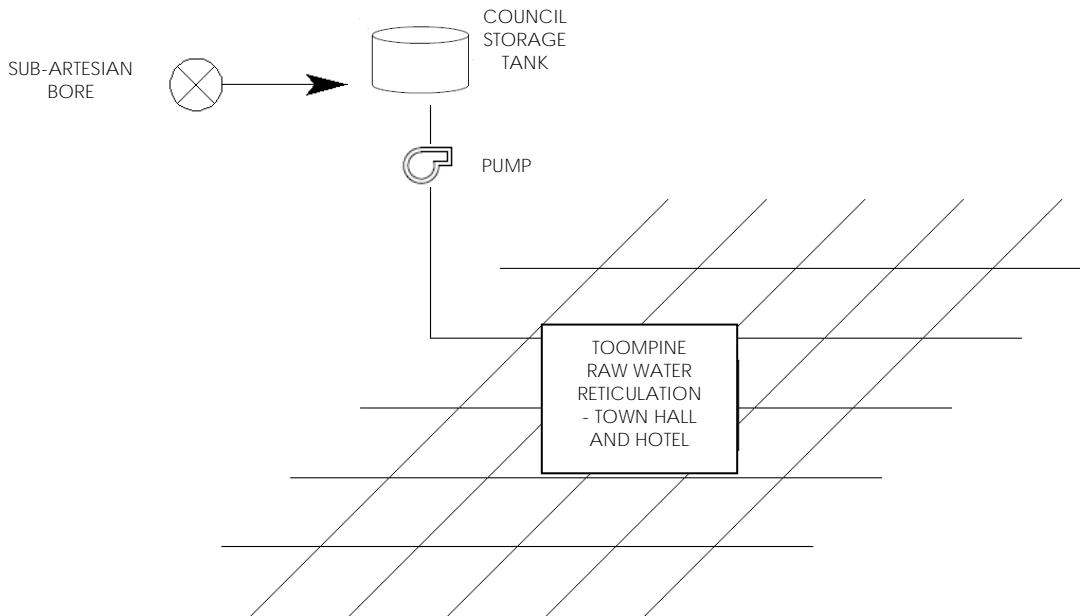


Figure 5 Toompine Water Supply Schematic

4.5.2 TOOMPINE INFRASTRUCTURE DETAILS

Table 6 provides the following details for Toompine's water supply infrastructure.

Table 6 Toompine Infrastructure Details

Component		Length (m)	
Mains	Main Diameter (mm)	Less than 50	154
		50	787
		80	0
		100	0
		150	0
		TOTAL	941
	Main Material	DICL	0
		AC	0
		HDPE	941
		PVC	0
		TOTAL	941
	Main Age	0-10 Years	0
		10-20 Years	941
		20-30 Years	0
		30-40 Years	0
		40-50 Years	0
		50-60 Years	0
		60+ Years	0
TOTAL	941		

4.6 ASSETS BY CATEGORY

A summary of the current assets by category is shown in Table 7.

Table 7 Asset Summary by Category

Category	Current Replacement Cost (\$)	Weighted Average (Years)	
		Age	Remaining Life
Overall			
Mains	3,310,163	34	28
Structures	2,040,520	44	54
Mechanical and Electrical	923,835	4	21
All categories	6,274,518	33	35

5 LEVELS OF SERVICE

5.1 CUSTOMER SERVICE STANDARDS

Quilpie Shire Council has established Customer Service Standards (CSS) for water supply services in accordance with the requirements of the *Water Supply (Safety and Reliability) Act 2008*. The applicable customer service standards are indicated in table 8. These levels of service have been set with regard to:

- Historical records;
- Analysis of the Quilpie Shire Council water reticulation records; and
- Affordability and financial viability of the undertaking.

Table 8 Adopted Performance Indicators and Targets

Performance Indicators (PI)	Target
Total water main breaks per 100km mains / year	60
Incidence of unplanned interruptions per 1000 connections / year	20
Average response time for water incidents (bursts and leaks)	5 hours
Water quality complaints per 1000 connections / year	50

6 RISK MANAGEMENT

Risk management involves managing to achieve an appropriate balance between maximising gains while minimising losses. Risk is based on the probability of failure and the consequences if failure occurs.

A risk assessment has been undertaken at a scheme level and component level.

Table 9 Quilpie Shire Council Water Supply Services Risk Register – Scheme Wide

Network Risk	Description of Risk	Like- lihood	Conse- quence	Risk Score	Mitigation Action
Deteriorated Assets	As the assets reach the end of their economic life they suffer increasing frequency of failure which impacts on service to the community and requires significant expenditure for repair and replacement.	B	5	EXTREME	Undertake regular inspections and condition rating surveys. Use the results to prioritise forward works programs.
Financial Sustainability		B	4	HIGH	Upgrade scheme infrastructure as funds permit.
Inadequate Operational Performance	Assets fail to provide an acceptable level of service to customers and impacts operational staff safety.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Train staff as required.
Environmental Compliance	Asset condition produces environmental impacts.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Train staff as required.
Regulatory / Legal Compliance	Asset condition / level of service fails to meet regulatory standards.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Train staff as required.

Table 10 Quilpie Shire Council Water Supply Services Risk Register – Scheme Component

Component Risk	Description of Risk	Like-likelihood	Consequence	Risk Score	Mitigation Action
Mains Breaks	Assets fail to provide an acceptable level of service to customers. Supply outages during maintenance.	B	3	MEDIUM	Undertake regular inspections and condition rating surveys. Use the results to prioritise forward works programs.
Valve Failure	Assets fail to provide an acceptable level of service to customers. Supply outages during maintenance.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Hydrant Failure	Assets fail to provide an acceptable level of service to customers and impacts upon firefighting capability. Potential impact on property and people in event of fire.	B	5	EXTREME	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Water Service Failure	Assets fail to provide an acceptable level of service to customers. Supply outages during maintenance.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Bulk meters Failure	Impacts on reporting and monitoring program.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Domestic meters Failure	Impacts on rating and billing where meters are installed. Supply outages during maintenance.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Bores Failure	Assets fail to provide an acceptable level of service to customers. Risk to continuity of supply and water quality.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Reservoirs Failure	Assets fail to provide an acceptable level of service to customers. Risk to continuity of supply and water quality.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Pump Station Failure	Assets fail to provide an acceptable level of service to customers. Supply outages during maintenance.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.

Component Risk	Description of Risk	Like-likelihood	Consequence	Risk Score	Mitigation Action
					Provide stand-by equipment where necessary.
Chemical Dosing Equipment Failure	Assets fail to provide an acceptable level of service to customers. Water quality risks.	B	5	EXTREME	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Provide stand-by equipment where necessary.
Telemetry Failure	Assets fail to provide an acceptable level of service to customers. Risk to continuity of supply and water quality.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Provide stand-by equipment where necessary.

Table 11 Risk Rating Matrix

RISK RATING MATRIX			LIKELIHOOD				
			Rare	Unlikely	Possible	Likely	Almost Certain
			Very Unlikely / infrequent / more than every 5 years	Possible / happens occasionally / every 2-5 years	Reasonably likely / occurs often / yearly	Likely occurrence / frequent / 2-3 times a year	Certainty / continuous / monthly or more frequent
			A	B	C	D	E
CONSEQUENCE	NEGLIGIBLE	1	LOW	LOW	MEDIUM	MEDIUM	HIGH
	MINOR	2	LOW	MEDIUM	MEDIUM	HIGH	HIGH
	MODERATE	3	MEDIUM	MEDIUM	HIGH	HIGH	EXTREME
	SERIOUS	4	MEDIUM	HIGH	HIGH	EXTREME	EXTREME
	EXTREME	5	HIGH	EXTREME	EXTREME	EXTREME	EXTREME

Table 12 Defined Acceptable Risk Levels

Level of Risk	Proposed Action
Low Risk (Acceptable)	Manage for continuous improvement
Medium Risk (Marginally Acceptable)	Manage for continuous improvement.
High Risk (Unacceptable)	Implement short term measures immediately, longer term risk reduction measures need to be a priority
Extreme Risk (Unacceptable)	Implement short term measures immediately, implementation of longer term risk reduction measures given top priority

7 SYSTEM OPERATION AND MAINTENANCE

7.1 OPERATION

7.1.1 QUILPIE WATER SUPPLY SCHEME

(a) Overview

A schematic layout of the Quilpie water supply scheme is shown in section 4.1. The scheme is supplied by two (2) free flowing artesian bores discharging directly to the reticulation.

(b) Monitoring and Control

Monitoring of this system is limited to reading the bulk water meter on the delivery line between the bore and the distribution system. There is no pumping equipment or storage so telemetry and alarms are not required.

7.1.2 EROMANGA WATER SUPPLY SCHEME

(a) Overview

A schematic layout of the Eromanga water supply scheme is shown in section 4.2. The scheme is supplied by four sub-artesian bores which are pumped to a central water treatment plant. Water is treated by a reverse osmosis process and disinfected with sodium hypochlorite. Treated water is stored in a reservoir which is pumped to the reticulation.

(b) Monitoring and Control

The Eromanga water treatment plant is monitored daily by the Eromanga town officer. The plant is also monitored remotely in Quilpie via the SCADA system. The SCADA system also has the capability to control the plant remotely however this function is rarely used.

7.1.3 ADAVALE WATER SUPPLY SCHEME

(a) Overview

A schematic layout of the Adavale water supply scheme is shown in section 4.3. The scheme is supplied by a free-flowing artesian bore discharging directly to the reticulation.

(b) Monitoring and Control

This scheme is monitored on an ad-hoc basis during scheduled visits by the water and sewerage personnel. There is no pumping, treatment or flow measuring equipment in this scheme.

7.1.4 CHEEPIE WATER SUPPLY SCHEME

(a) Overview

A schematic layout of the Cheepie water supply scheme is shown in section 4.4. The scheme is supplied by a privately owned free flowing artesian bore discharging to a Council owned storage tank. Water from the tank is pumped to the Council depot and one residence.

(b) Monitoring and Control

This scheme is monitored on an ad-hoc basis during scheduled visits by the water and sewerage personnel. There is no treatment or flow measuring equipment in this scheme.

7.1.5 TOOMPINE WATER SUPPLY SCHEME

(a) Overview

A schematic layout of the Toompine water supply scheme is shown in section 4.5. The scheme is supplied by a sub-artesian bore on the town reserve discharging to a storage tank. Water from the tank is pumped to the town hall and hotel.

(b) Monitoring and Control

This scheme is monitored on an ad-hoc basis during scheduled visits by the water and sewerage personnel. There is no treatment or flow measuring equipment in this scheme.

7.2 MAINTENANCE STRATEGIES

7.2.1 MAINTENANCE PLAN

Maintenance activities are undertaken in accordance with table 13.

Table 13 Maintenance Activities

Asset Group	Maintenance Activity	Frequency	Comments
Mains	Flush dead ends	As required	Operations and Maintenance Procedure 14
Mains	Repair leaks and bursts	As required	Operations and Maintenance Procedure 15
Valves	Inspect and operate	Yearly	Operations and Maintenance Procedure 9
Air valves	Inspect and clean	Yearly	No documented procedures
Hydrants	Inspect, test and clean	6 Monthly	Operations and Maintenance Procedure 6
Valve and hydrant boxes and markers	Inspect and clean	6 Monthly	Operations and Maintenance Procedure 6
Services	Inspect	As required	Operations and Maintenance Procedure 15
Bulk meters	Inspect, check and clean	Yearly	No documented procedures
Domestic meters	Inspect and check	As required	No documented procedures

Bores	Inspect	As required	Operations and Maintenance Procedure 1
Reservoirs			
<ul style="list-style-type: none"> Treated Water Untreated Water 	Clean Clean	20 Years 10 Years	No documented procedures No documented procedures
Pump Stations			
<ul style="list-style-type: none"> Borehole Pumps Surface Pumps Motors Switchboards 	Inspect, lubricate, clean Inspect, lubricate, clean Inspect Inspect and clean	As required 1000 Hours Monthly 3 Monthly	No documented procedures No documented procedures No documented procedures No documented procedures
Chemical Dosing Equipment	Inspect and clean	Monthly	No documented procedures
Telemetry outstation	Check batteries Change batteries	Yearly 2 Yearly	No documented procedures No documented procedures
Grounds	Mow	As required	No documented procedures

Generally, reactive maintenance is limited to the repair of leaks and bursts to water mains. Mechanical and electrical equipment is inspected and checked regularly and is withdrawn from service for specialist servicing and maintenance as required.

Repairs to electrical switchboards and cabling are undertaken by a local electrical contractor.

Pumps and motors are sent to established service companies for repair and/or reconditioning.

The telemetry supplier provides specialist services by remotely accessing the telemetry system or visiting the site as required.

7.2.2 STANDARDS AND SPECIFICATIONS

Maintenance work is carried out in accordance with the following standards and specifications:

- Relevant industry specifications;
- Relevant Australian Standards; and
- Quilpie Shire Council quality and safety plans.

7.2.3 SUMMARY OF FUTURE MAINTENANCE EXPENDITURES

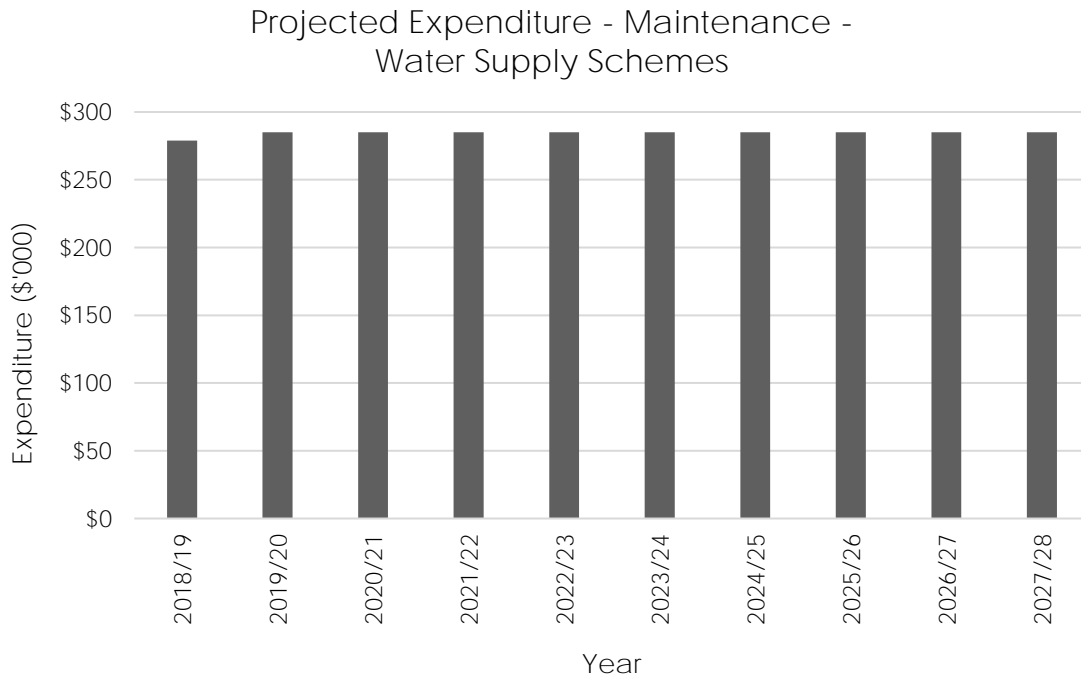


Figure 6 Projected Maintenance Expenditure – Water Supply Schemes

Future maintenance expenditure is forecast to trend in line with the value of the asset stock as shown in Figure 7. Note all costs are shown in current 2018/2019 - dollar values. Deferred maintenance, i.e. works that are identified for maintenance and unable to be funded are to be included in the risk assessment process in the infrastructure risk assessment plan.

Maintenance is funded from Council's operating budget and grants where available.

7.3 DOCUMENTED PROCEDURES

Council has prepared documented procedures for the operation and maintenance of the water supply undertaking. These procedures are detailed in the *Drinking Water Quality Management Plan – Operations and Procedures*. Development of additional maintenance procedures are required for some activities listed in Table 7.1. Many of these will be applicable to the operation and maintenance of the modified Eromanga water supply scheme.

7.4 STAFFING

Operations at the Quilpie are delivered through the Water Officer. The water officer and the water and sewerage crew operate the water supply scheme. At least one of these officers is on call at all times.

The Eromanga, Adavale, Cheepie and Toompine are operated by locally based personnel.

The water officer and his assistant are the only full-time water supply and sewerage field staff at Quilpie. Field staff at other townships undertake other duties as required.

All operators report to the water and sewerage supervisor who is responsible for allocating additional resources as and when required.

Council prefers that the water officer be a licenced plumber and drainer, but it is not always possible to attract fully qualified staff to western areas.

Plant is allocated from the Council depot as appropriate.

Current resources are adequate for the foreseeable future.

7.5 PERFORMANCE MONITORING

Monitoring in all schemes is limited to manual reading of flow meters. A visual inspection of all major components to detect maintenance issues is conducted three times weekly or as required.

New connections to the scheme are totalled at the end of each month.

Complaints regarding the reliability and quality of supply are totalled at the end of each month for review by the Technical Officer.

Water sampling and testing is undertaken in accordance with the verification monitoring program detailed in the Drinking Water Quality Management Plan (DWQMP). Specifically, tests are taken for E.Coli on a monthly basis and all other parameters quarterly. Testing is conducted by the Queensland Health Forensic and Scientific Services (QHFS) laboratory.

8 RENEWAL STRATEGY

8.1 ASSET CAPACITY AND PERFORMANCE

Council's services are generally provided to meet design standards where these are available.

Locations where deficiencies in service performance are known are detailed in Table 14.

Table 14 Known Service Performance Deficiencies

Scheme	Service Deficiency
Quilpie	N/A
Eromanga	N/A
Adavale	Frequent mains breaks. Requires replacement of all AC mains.
Cheepie	N/A
Toompine	Frequent mains breaks. Requires replacement of approximately 200m of poly from road to storage tank at hall.

The above service deficiencies were identified from regular safety and technical inspections undertaken by Council staff, maintenance supervisors reporting on routine activities and customer requests.

8.2 ASSET CONDITION

Assets are condition rated where practicable using a 1 – 5 rating system.

Table 15 Asset Condition Rating

Rating	Description of Condition
1	Excellent Condition Only planned maintenance required
2	Very Good Minor maintenance required plus planned maintenance.
3	Good Significant maintenance required
4	Average Significant renewal/upgrade required
5	Poor Unserviceable

The condition profile of Council's assets is not known at this stage and all analysis has been based on asset age. This data will be improved upon in the next update of the plan.

8.3 ASSET VALUATION

The value of assets as at 30 June 2018 covered by this asset management plan is summarised in Table 16.

Table 16 – Asset Valuations

	Financial Statement Valuations
Current Replacement Cost	\$6,274,518
Written Down Cost	\$3,522,117
Accumulated Depreciation	\$2,752,401
Annual Depreciation	\$112,653

Council's sustainability reporting reports the rate of annual asset consumption and compares this to asset renewal and asset upgrade and expansion.

- Asset Consumption (Annual Depreciation / Written Down Cost) 3.20%
- Asset Renewal (Renewal Expense / Depreciable Amount) 976.45%
- Annual Upgrade / Expansion (New & Upgrade Expense / Depreciable Amount) 0.00%

8.4 RENEWAL / REPLACEMENT PROGRAM

Renewal expenditure is major work which does not increase the assets 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.

8.4.1 RENEWAL PLAN

Assets requiring renewal are identified from estimates of remaining life obtained from the GIS database and asset register worksheets. Candidate proposals are inspected to verify accuracy of remaining life estimate and to develop a preliminary renewal estimate. Verified proposals are ranked by priority and shown in table 17. Council's current strategy is prioritising the replacement of asbestos cement (AC) mains with ductile iron concrete lined (DACL) mains.

Table 17 Renewal Plan Priority Ranking Criteria

Criteria	Weighting
Condition	80%
Functionality	10%
Accessibility	10%
Total	100%

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.

8.4.2 RENEWAL STANDARDS

Renewal work is carried out in accordance with the following standards and specifications:

- Relevant industry specifications;
- Relevant Australian Standards; and
- Quilpie Shire Council quality and safety plans.

8.4.3 SUMMARY OF FUTURE RENEWAL EXPENDITURE

Projected future renewal expenditures are forecast to increase over time as the asset stock ages. The costs are summarised in Figure 8. Note all costs are shown for the current 2018/2019 - dollar values.

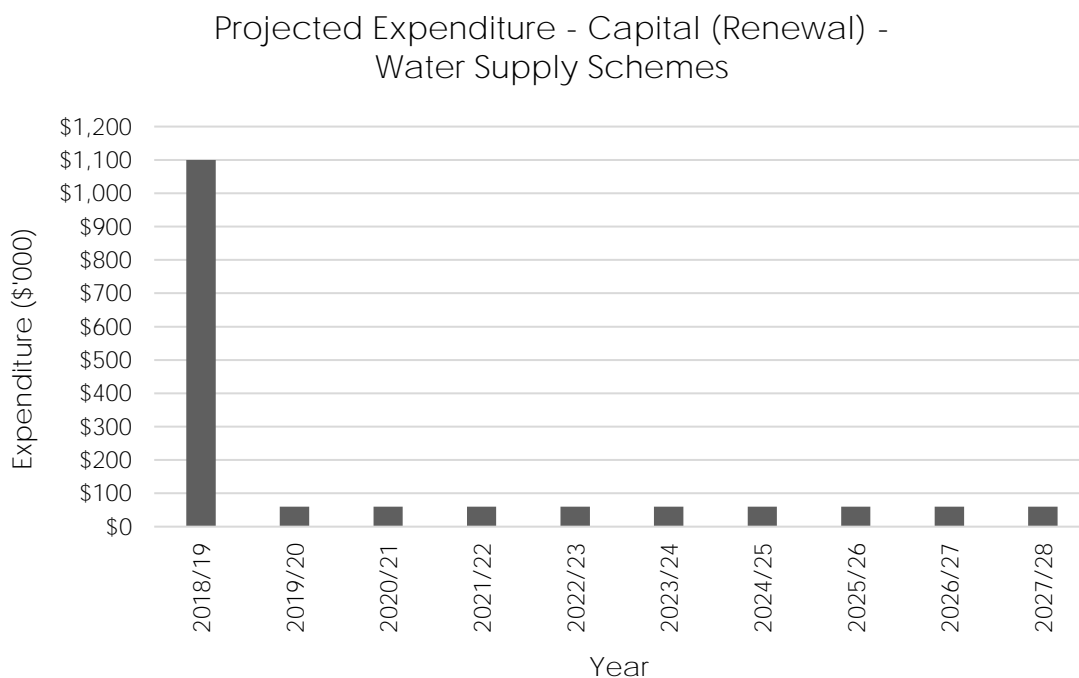


Figure 7 Projected Capital (Renewal) Expenditure – Water Supply Schemes

The projected capital renewal program is shown in Appendix C.

The 2018/2019 expenditure is exceptional as Council was successful in gaining grant funding for water main renewal projects.

Deferred renewal, i.e. those assets identified for renewal and not scheduled for renewal in capital works programs are to be included in the risk assessment process in the risk management plan.

Renewals are to be funded from Council's capital works program and grants where available. This is further discussed in Section 9.2.

8.5 CREATION/ACQUISITION/UPGRADE PLAN

New works are those works that create a new asset that did not previously exist or works which upgrade or improve an existing asset beyond its existing capacity. They may result from growth, social or environmental needs. Assets may also be acquired at no cost to the Council from land development.

8.5.1 SELECTION CRITERIA

New assets and upgrade/expansion of existing assets are identified from various sources such as councillor 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. Verified proposals are ranked by priority and available funds and scheduled in future works programmes. The priority ranking criteria is detailed below.

Table 18 New Assets Priority Ranking Criteria

Criteria	Weighting
System reliability and performance	35%
Reliability of treatment improvement	35%
Maintenance minimisation	10%
Links to Community Plan and Corporate Plan	5%
Links to works programs and strategies	5%
Community request	10%
Total	100%

8.5.2 STANDARDS AND SPECIFICATIONS

Standards and specifications for new assets and for upgrade/expansion of existing assets are the same as those for renewal shown in Section 8.4.2.

8.5.3 SUMMARY OF FUTURE UPGRADE / NEW ASSETS EXPENDITURE

At the time of preparing this plan no capital (upgrade) projects were proposed for any of any of Quilpie Shire Council's sewerage schemes over the 10-year planning period.

8.6 DISPOSAL PLAN

Disposal includes any activity associated with disposal of a decommissioned asset including sale, demolition or relocation. At present, no water supply assets are being considered for disposal. Future updates of this plan may identify assets for possible decommissioning and disposal. These assets will be further reinvestigated to determine the required levels of service and see what options are available for alternate service delivery, if any.

9 FINANCIAL ARRANGEMENTS

9.1 EXPENDITURE SUMMARY

A summary of planned expenditure on operations, maintenance and renewals for planning period (10 years) is included in Table 19. Note that all costs are shown in 2018/2019 - dollar values.

Table 19 - 10 Year Projected Expenditure – All of Shire

Year	Operations and Maintenance Expenditure (\$)	Capital (Renewal) Expenditure (\$)	New Capital Works Expenditure (\$)	TOTAL (\$)
2018/19	278,828	1,100,000	-	1,378,828
2019/20	285,000	60,000	-	345,000
2020/21	285,000	60,000	-	345,000
2021/22	285,000	60,000	-	345,000
2022/23	285,000	60,000	-	345,000
2023/24	285,000	60,000	-	345,000
2024/25	285,000	60,000	-	345,000
2025/26	285,000	60,000	-	345,000
2026/27	285,000	60,000	-	345,000
2027/28	285,000	60,000	-	345,000

9.2 REVENUE SUMMARY

Likely sources of funding are shown below in Table 20.

Table 20 – 10 Year Projected Revenue – All of Shire

Year	Fees and Charges (\$)	Grants / Subsidies (\$)	Loans (\$)	TOTAL (\$)
2018/19	258,464	580,000	-	838,464
2019/20	263,546	-	-	263,546
2020/21	263,546	-	-	263,546
2021/22	263,546	-	-	263,546
2022/23	263,546	-	-	263,546
2023/24	263,546	-	-	263,546
2024/25	263,546	-	-	263,546
2025/26	263,546	-	-	263,546
2026/27	263,546	-	-	263,546
2027/28	263,546	-	-	263,546
2024/25	258,464	-	-	258,464

10 ASSET MANAGEMENT PRACTICES

10.1 ASSET DATA CAPTURE AND MAINTENANCE

10.1.1 ASSET MANAGEMENT SUMMARY

The management of Quilpie Shire Council's water supply asset data shall be managed in accordance this plan and the following corporate documents:

- Asset Capitalisation Policy;
- Asset Disposal Policy; and
- Asset Management Strategy.

10.1.2 ASSET DATA STORAGE

All asset data is to be stored in Council's Geographical Information System (GIS) or Council's financial system. Information regarding each asset class shall contain attributes in the approved form. The data structure for water supply assets is included in *Asset Form 5.1 Water Pipes Inspection Form* and *Asset Form 5.2 Water Fitting Inspection Form*. Copies of these forms are included in Appendix B.

10.1.3 ASSET DATA CAPTURE AND MAINTENANCE PROCEDURE

Upon asset renewal, upgrade or expansion; Council's GIS or financial system shall be updated to reflect changes to the water supply network. Information regarding changes to any asset shall be recorded by Quilpie Shire Council water and sewerage personnel and forwarded to the asset data manager. The asset data manager shall organise for survey of the new asset (if required) and be responsible for data entry and maintenance of Council's GIS or financial system.

10.1.4 ASSET CAPITALISATION PROCESS

Financial System

Asset valuation data reviewed and updated from Asset Management System into Financial

Project included in current year budget

Project constructed

Project transferred from WIP account to the relevant asset register

EOFY

Asset valuations = current asset valuations + new assets at cost

Asset valuations reported

GIS System

EOFY

Asset data collected on relevant form

GIS database updated

Assets revalued using pre-determined unit rates

Asset valuation data reviewed and updated from Asset Management System into Financial

Figure 8 Water Supply Asset Capitalisation Flowchart

11 REFERENCES

- Quilpie Shire Council Corporate Plan 2017-2022 v2
- Quilpie Shire Council Operational Plan 2018-2019
- Quilpie Shire Council - Asset Management Strategy
- Quilpie Shire Council – Asset Management Policy
- Quilpie Shire Council – Asset Capitalisation Policy
- Quilpie Shire Council – Asset Disposal Policy
- Quilpie Shire Council – Customer Service Standard – Water Supply and Sewerage Schemes
- Quilpie Shire Council – Drinking Water Quality Management Plan
- Quilpie Shire Council – Operations and Maintenance Procedures
- IPWEA, 'International Infrastructure Management Manual', Institute of Public Works Engineering Australia, Sydney, www.ipwea.org.au

12 APPENDICES

APPENDIX A – DEFINITIONS

Annual service cost (ASC)

An estimate of the cost that would be tendered, per annum, if tenders were called for the supply of a service to a performance specification for a fixed term. The Annual Service Cost includes operating, maintenance, depreciation, finance/ opportunity and disposal costs, less revenue.

Asset class

Grouping of assets of a similar nature and use in an entity's operations (AASB 166.37).

Asset condition assessment

The process of continuous or periodic inspection, assessment, measurement and interpretation of the resultant data to indicate the condition of a specific asset so as to determine the need for some preventative or remedial action.

Asset management

The combination of management, financial, economic, engineering and other practices applied to physical assets with the objective of providing the required level of service in the most cost-effective manner.

Assets

Future economic benefits controlled by the entity as a result of past transactions or other past events (AAS27.12).

Property, plant and equipment including infrastructure and other assets (such as furniture and fittings) with benefits expected to last more than 12 months.

Average annual asset consumption (AAAC)*

The amount of a local government's asset base consumed during a year. This may be calculated by dividing the Depreciable Amount (DA) by the Useful Life and totalled for each and every asset OR by dividing the Fair Value (Depreciated Replacement Cost) by the Remaining Life and totalled for each and every asset in an asset category or class.

Brownfield asset values**

Asset (re)valuation values based on the cost to replace the asset including demolition and restoration costs.

Capital expansion expenditure

Expenditure that extends an existing asset, at the same standard as is currently enjoyed by residents, to a new group of users. It is discretionary expenditure, which increases future operating, and maintenance costs, because it increases council's asset base, but may be associated with additional revenue from the new user group, eg. extending a drainage or road network, the provision of an oval or park in a new suburb for new residents.

Capital expenditure

Relatively large (material) expenditure, which has benefits, expected to last for more than 12 months. Capital expenditure includes renewal, expansion and upgrade. Where capital

projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Capital funding

Funding to pay for capital expenditure.

Capital grants

Monies received generally tied to the specific projects for which they are granted, which are often upgrade and/or expansion or new investment proposals.

Capital investment expenditure

See capital expenditure definition

Capital new expenditure

Expenditure which creates a new asset providing a new service to the community that did not exist beforehand. As it increases service potential it may impact revenue and will increase future operating and maintenance expenditure.

Capital renewal expenditure

Expenditure on an existing asset, which returns the service potential or the life of the asset up to that which it had originally. It is periodically required expenditure, relatively large (material) in value compared with the value of the components or sub-components of the asset being renewed. As it reinstates existing service potential, it has no impact on revenue, but may reduce future operating and maintenance expenditure if completed at the optimum time, eg. resurfacing or re-sheeting a material part of a road network, replacing a material section of a drainage network with pipes of the same capacity, resurfacing an oval. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Capital upgrade expenditure

Expenditure, which enhances an existing asset to provide a higher level of service or expenditure that will increase the life of the asset beyond that which it had originally. Upgrade expenditure is discretionary and often does not result in additional revenue unless direct user charges apply. It will increase operating and maintenance expenditure in the future because of the increase in the council's asset base, eg. widening the sealed area of an existing road, replacing drainage pipes with pipes of a greater capacity, enlarging a grandstand at a sporting facility. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Carrying amount

The amount at which an asset is recognised after deducting any accumulated depreciation / amortisation and accumulated impairment losses thereon.

Class of assets

See asset class definition

Component

An individual part of an asset which contributes to the composition of the whole and can be separated from or attached to an asset or a system.

Cost of an asset

The amount of cash or cash equivalents paid or the fair value of the consideration given to acquire an asset at the time of its acquisition or construction, plus any costs necessary to place the asset into service. This includes one-off design and project management costs.

Current replacement cost (CRC)

The cost the entity would incur to acquire the asset on the reporting date. The cost is measured by reference to the lowest cost at which the gross future economic benefits could be obtained in the normal course of business or the minimum it would cost, to replace the existing asset with a technologically modern equivalent new asset (not a second hand one) with the same economic benefits (gross service potential) allowing for any differences in the quantity and quality of output and in operating costs.

Current replacement cost "As New" (CRC)

The current cost of replacing the original service potential of an existing asset, with a similar modern equivalent asset, i.e. the total cost of replacing an existing asset with an as NEW or similar asset expressed in current dollar values.

Cyclic Maintenance**

Replacement of higher value components/sub-components of assets that is undertaken on a regular cycle including repainting, building roof replacement, cycle, replacement of air conditioning equipment, etc. This work generally falls below the capital/ maintenance threshold and needs to be identified in a specific maintenance budget allocation.

Depreciable amount

The cost of an asset, or other amount substituted for its cost, less its residual value (AASB 116.6)

Depreciated replacement cost (DRC)

The current replacement cost (CRC) of an asset less, where applicable, accumulated depreciation calculated on the basis of such cost to reflect the already consumed or expired future economic benefits of the asset

Depreciation / amortisation

The systematic allocation of the depreciable amount (service potential) of an asset over its useful life.

Economic life

See useful life definition.

Expenditure

The spending of money on goods and services. Expenditure includes recurrent and capital.

Fair value

The amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties, in an **arm's length** transaction.

Greenfield asset values **

Asset (re)valuation values based on the cost to initially acquire the asset.

Heritage asset

An asset with historic, artistic, scientific, technological, geographical or environmental qualities that is held and maintained principally for its contribution to knowledge and culture and this purpose is central to the objectives of the entity holding it.

Impairment Loss

The amount by which the carrying amount of an asset exceeds its recoverable amount.

Infrastructure assets

Physical assets of the entity or of another entity that contribute to meeting the public's need for access to major economic and social facilities and services, e.g. roads, drainage, footpaths and cycleways. These are typically large, interconnected networks or portfolios of composite assets. The components of these assets may be separately maintained, renewed or replaced individually so that the required level and standard of service from the network of assets is continuously sustained. Generally, the components and hence the assets have long lives. They are fixed in place and are often have no market value.

Investment property

Property held to earn rentals or for capital appreciation or both, rather than for:

- (a) use in the production or supply of goods or services or for administrative purposes; or
- (b) sale in the ordinary course of business (AASB 140.5)

Level of service

The defined service quality for a particular service against which service performance may be measured. Service levels usually relate to quality, quantity, reliability, responsiveness, environmental, acceptability and cost).

Life Cycle Cost **

The life cycle cost (LCC) is average cost to provide the service over the longest asset life cycle. It comprises annual maintenance and asset consumption expense, represented by depreciation expense. The Life Cycle Cost does not indicate the funds required to provide the service in a particular year.

Life Cycle Expenditure **

The Life Cycle Expenditure (LCE) is the actual or planned annual maintenance and capital renewal expenditure incurred in providing the service in a particular year. Life Cycle Expenditure may be compared to Life Cycle Cost to give an initial indicator of life cycle sustainability.

Loans / borrowings

Loans result in funds being received which are then repaid over a period of time with interest (an additional cost). Their primary benefit is in 'spreading the burden' of capital expenditure over time. Although loans enable works to be completed sooner, they are only ultimately cost effective where the capital works funded (generally renewals) result in operating and maintenance cost savings, which are greater than the cost of the loan (interest and charges).

Maintenance and renewal gap

Difference between estimated budgets and projected expenditures for maintenance and renewal of assets, totalled over a defined time (e.g. 5, 10 and 15 years).

Maintenance and renewal sustainability index

Ratio of estimated budget to projected expenditure for maintenance and renewal of assets over a defined time (e.g. 5, 10 and 15 years).

Maintenance expenditure

Recurrent expenditure, which is periodically or regularly required as part of the anticipated schedule of works required to ensure that the asset achieves its useful life and provides the required level of service. It is expenditure, which was anticipated in determining the asset's useful life.

Materiality

An item is material if its omission or misstatement could influence the economic decisions of users taken on the basis of the financial report. Materiality depends on the size and nature of the omission or misstatement judged in the surrounding circumstances.

Modern equivalent asset.

A structure similar to an existing structure and having the equivalent productive capacity, which could be built using modern materials, techniques and design. Replacement cost is the basis used to estimate the cost of constructing a modern equivalent asset.

Non-revenue generating investments

Investments for the provision of goods and services to sustain or improve services to the community that are not expected to generate any savings or revenue to the Council, e.g. parks and playgrounds, footpaths, roads and bridges, libraries, etc.

Operating expenditure

Recurrent expenditure, which is continuously required excluding maintenance and depreciation, e.g. power, fuel, staff, plant equipment, on-costs and overheads.

Pavement management system

A systematic process for measuring and predicting the condition of road pavements and wearing surfaces over time and recommending corrective actions.

Planned Maintenance**

Repair work that is identified and managed through a maintenance management system (MMS). MMS activities include inspection, assessing the condition against failure/breakdown criteria/experience, prioritising scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.

PMS Score

A measure of condition of a road segment determined from a Pavement Management System.

Rate of annual asset consumption*

A measure of average annual consumption of assets (AAAC) expressed as a percentage of the depreciable amount (AAAC/DA). Depreciation may be used for AAAC.

Rate of annual asset renewal*

A measure of the rate at which assets are being renewed per annum expressed as a percentage of depreciable amount (capital renewal expenditure/DA).

Rate of annual asset upgrade*

A measure of the rate at which assets are being upgraded and expanded per annum expressed as a percentage of depreciable amount (capital upgrade/expansion expenditure/DA).

Reactive maintenance

Unplanned repair work that carried out in response to service requests and management/supervisory directions.

Recoverable amount

The higher of an asset's fair value, less costs to sell and its value in use.

Recurrent expenditure

Relatively small (immaterial) expenditure or that which has benefits expected to last less than 12 months. Recurrent expenditure includes operating and maintenance expenditure.

Recurrent funding

Funding to pay for recurrent expenditure.

Rehabilitation

See capital renewal expenditure definition above.

Remaining life

The time remaining until an asset ceases to provide the required service level or economic usefulness. Age plus remaining life is economic life.

Renewal

See capital renewal expenditure definition above.

Residual value

The net amount which an entity expects to obtain for an asset at the end of its useful life after deducting the expected costs of disposal.

Revenue generating investments

Investments for the provision of goods and services to sustain or improve services to the community that are expected to generate some savings or revenue to offset operating costs, eg public halls and theatres, childcare centres, sporting and recreation facilities, tourist information centres, etc.

Risk management

The application of a formal process to the range of possible values relating to key factors associated with a risk in order to determine the resultant ranges of outcomes and their probability of occurrence.

Section or segment

A self-contained part or piece of an infrastructure asset.

Service potential

The capacity to provide goods and services in accordance with the entity's objectives, whether those objectives are the generation of net cash inflows or the provision of goods and services of a particular volume and quantity to the beneficiaries thereof.

Service potential remaining*

A measure of the remaining life of assets expressed as a percentage of economic life. It is also a measure of the percentage of the asset's potential to provide services that is still available for use in providing services (DRC/DA).

Strategic Management Plan (SA)**

Documents Council objectives for a specified period (3-5 years), the principle activities to achieve the objectives, the means by which that will be carried out, estimated income and expenditure, measures to assess performance and how rating policy relates to the Council's objectives and activities.

Sub-component

Smaller individual parts that make up a component part.

Useful life

Either:

- (a) the period over which an asset is expected to be available for use by an entity, or
- (b) the number of production or similar units expected to be obtained from the asset by the entity.

It is estimated or expected time between placing the asset into service and removing it from service, or the estimated period of time over which the future economic benefits embodied in a depreciable asset, are expected to be consumed by the council. It is the same as the economic life.

Value in Use


The present value of estimated future cash flows expected to arise from the continuing use of an asset and from its disposal at the end of its useful life. It is deemed to be depreciated replacement cost (DRC) for those assets whose future economic benefits are not primarily dependent on the asset's ability to generate new cash flows, where if deprived of the asset its future economic benefits would be replaced.

Source: DVC 2006, Glossary

Note 1: Items shown * modified to use DA instead of CRC

Note 2: Additional glossary items shown **

APPENDIX B – ASSET DATA CAPTURE FORMS

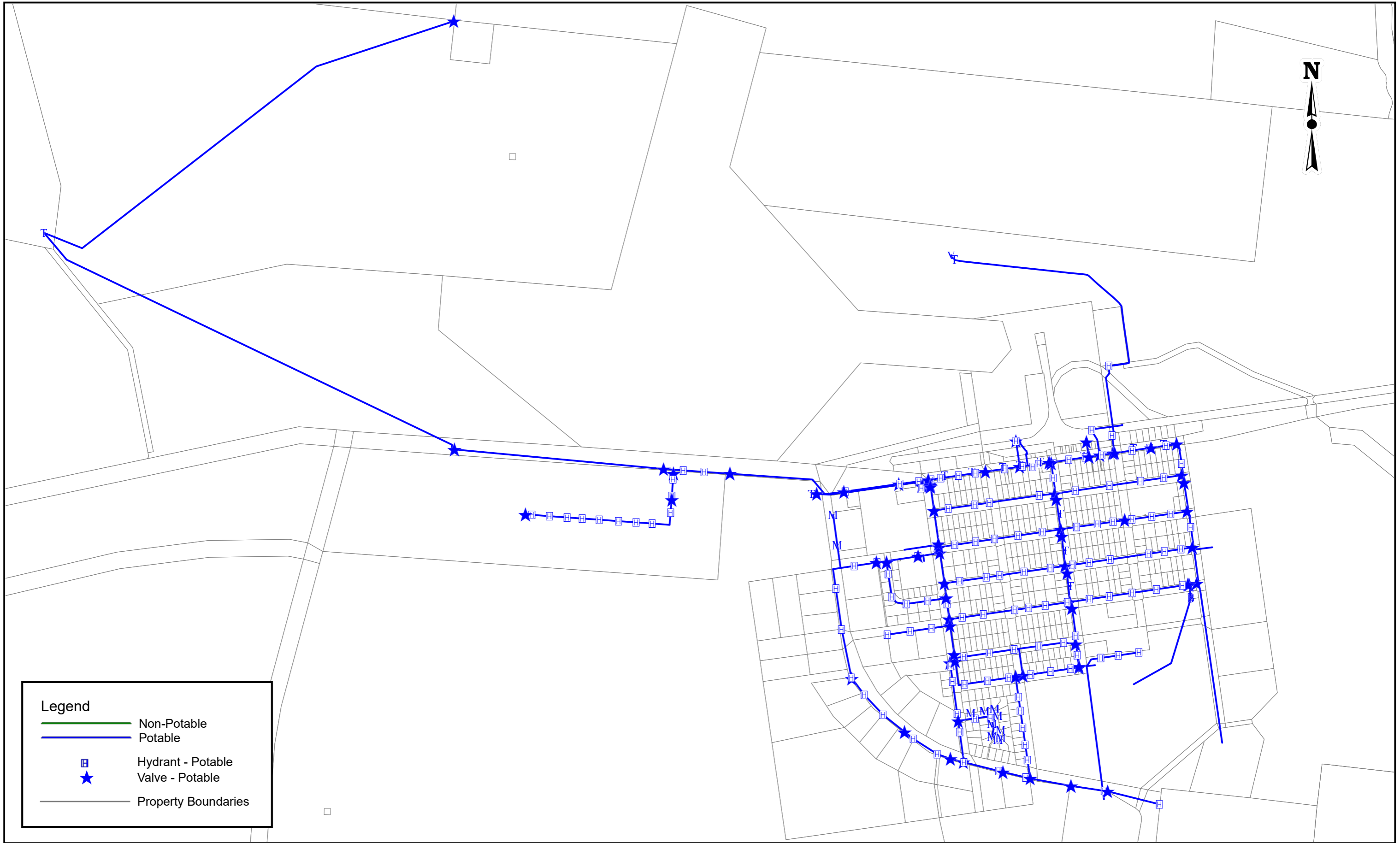
Asset Form #4.1 - Sewer Structures Inspection Form			
MGA 94 Zone: 54: <input type="checkbox"/> 55: <input type="checkbox"/>	Collected By:	Date:	
GIS_ID	New: <input type="checkbox"/> Existing: seSTR _____	New: <input type="checkbox"/> Existing: seSTR _____	New: <input type="checkbox"/> Existing: seSTR _____
MGA_94_Easting			
MGA_94_Northing			
Surface_Level_m	m	m	m
Invert_Level_m	m	m	m
Survey_Status	Fixed: <input type="checkbox"/> Floating: <input type="checkbox"/> Other: <input type="checkbox"/>	Fixed: <input type="checkbox"/> Floating: <input type="checkbox"/> Other: <input type="checkbox"/>	Fixed: <input type="checkbox"/> Floating: <input type="checkbox"/> Other: <input type="checkbox"/>
Asset_Sub_Class	Manhole: <input type="checkbox"/> Pump Station: <input type="checkbox"/> Other: <input type="checkbox"/>	Manhole: <input type="checkbox"/> Pump Station: <input type="checkbox"/> Other: <input type="checkbox"/>	Manhole: <input type="checkbox"/> Pump Station: <input type="checkbox"/> Other: <input type="checkbox"/>
Chamber_Material	Precast: <input type="checkbox"/> Insitu: <input type="checkbox"/> Unknown: <input type="checkbox"/>	Precast: <input type="checkbox"/> Insitu: <input type="checkbox"/> Unknown: <input type="checkbox"/>	Precast: <input type="checkbox"/> Insitu: <input type="checkbox"/> Unknown: <input type="checkbox"/>
Chamber_Shape	Circle: <input type="checkbox"/> Square: <input type="checkbox"/> Rectangle: <input type="checkbox"/> Other: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Circle: <input type="checkbox"/> Square: <input type="checkbox"/> Rectangle: <input type="checkbox"/> Other: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Circle: <input type="checkbox"/> Square: <input type="checkbox"/> Rectangle: <input type="checkbox"/> Other: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>
Chamber_Dimensions_m	m	m	m
Depth_m	m	m	m
MH_Lid_Shape	Cir: <input type="checkbox"/> Squ: <input type="checkbox"/> Rec: <input type="checkbox"/> Other: <input type="checkbox"/> NA: <input type="checkbox"/>	Cir: <input type="checkbox"/> Squ: <input type="checkbox"/> Rec: <input type="checkbox"/> Other: <input type="checkbox"/> NA: <input type="checkbox"/>	Cir: <input type="checkbox"/> Squ: <input type="checkbox"/> Rec: <input type="checkbox"/> Other: <input type="checkbox"/> NA: <input type="checkbox"/>
MH_Lid_Type	Concrete: <input type="checkbox"/> Cast Iron: <input type="checkbox"/> Other: <input type="checkbox"/> Galvanised Steel: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Concrete: <input type="checkbox"/> Cast Iron: <input type="checkbox"/> Other: <input type="checkbox"/> Galvanised Steel: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Concrete: <input type="checkbox"/> Cast Iron: <input type="checkbox"/> Other: <input type="checkbox"/> Galvanised Steel: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>
PUMP_Type	Submersible Centrifugal: <input type="checkbox"/> Other: <input type="checkbox"/> Macerator: <input type="checkbox"/> Unknown: <input type="checkbox"/> NA: <input type="checkbox"/>	Submersible Centrifugal: <input type="checkbox"/> Other: <input type="checkbox"/> Macerator: <input type="checkbox"/> Unknown: <input type="checkbox"/> NA: <input type="checkbox"/>	Submersible Centrifugal: <input type="checkbox"/> Other: <input type="checkbox"/> Macerator: <input type="checkbox"/> Unknown: <input type="checkbox"/> NA: <input type="checkbox"/>
PUMP_Manufacturer			
PUMP_Model			
PUMP_Motor_Power			
PUMP_Size			
PUMP_Last_Service_Date			
PUMP_Maintenance_Schedule			
Structural_Condition	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>
Serviceability_Condition	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>
Distress_Mode_1			
Comments_1			
Distress_Mode_2			
Comments_2			
Distress_Mode_3			
Comments_3			
Remarks			
Year_Constructed			
Photo_Reference			
Notes:	For Manhole or Pump Station rows when not appropriate record NA If any "Other" selected or irregularities record in comments Only tick one box whichever is the most appropriate		
Distress Modes			
None	Surface Damage	Debris	Lid Defects
N/A	Corrosion	Vermin	Corrosion
Unknown	Breaking	Opening/Lid Defects	Blockage
Cracking	Deformation	Step Iron Defects	
Fracturing	Siltation	Backstone	

APPENDIX C – PROJECTED 10 YEAR CAPITAL (RENEWAL) PROGRAM

Table 21 – Projected 10 Year Capital (Renewal) Program

Year	Mains (\$)	Buildings and Structures (\$)	Electrical and Mechanical (\$)	TOTAL (\$)
2018/19	1,100,000	-	-	1,100,000
2019/20	60,000	-	-	60,000
2020/21	60,000	-	-	60,000
2021/22	60,000	-	-	60,000
2022/23	60,000	-	-	60,000
2023/24	60,000	-	-	60,000
2024/25	60,000	-	-	60,000
2025/26	60,000	-	-	60,000
2026/27	60,000	-	-	60,000
2027/28	60,000	-	-	60,000

APPENDIX E – MAPS: QUILPIE SHIRE COUNCIL WATER SUPPLY SCHEMES



Legend

- Non-Potable
- Potable
- + Hydrant - Potable
- ★ Valve - Potable
- Property Boundaries



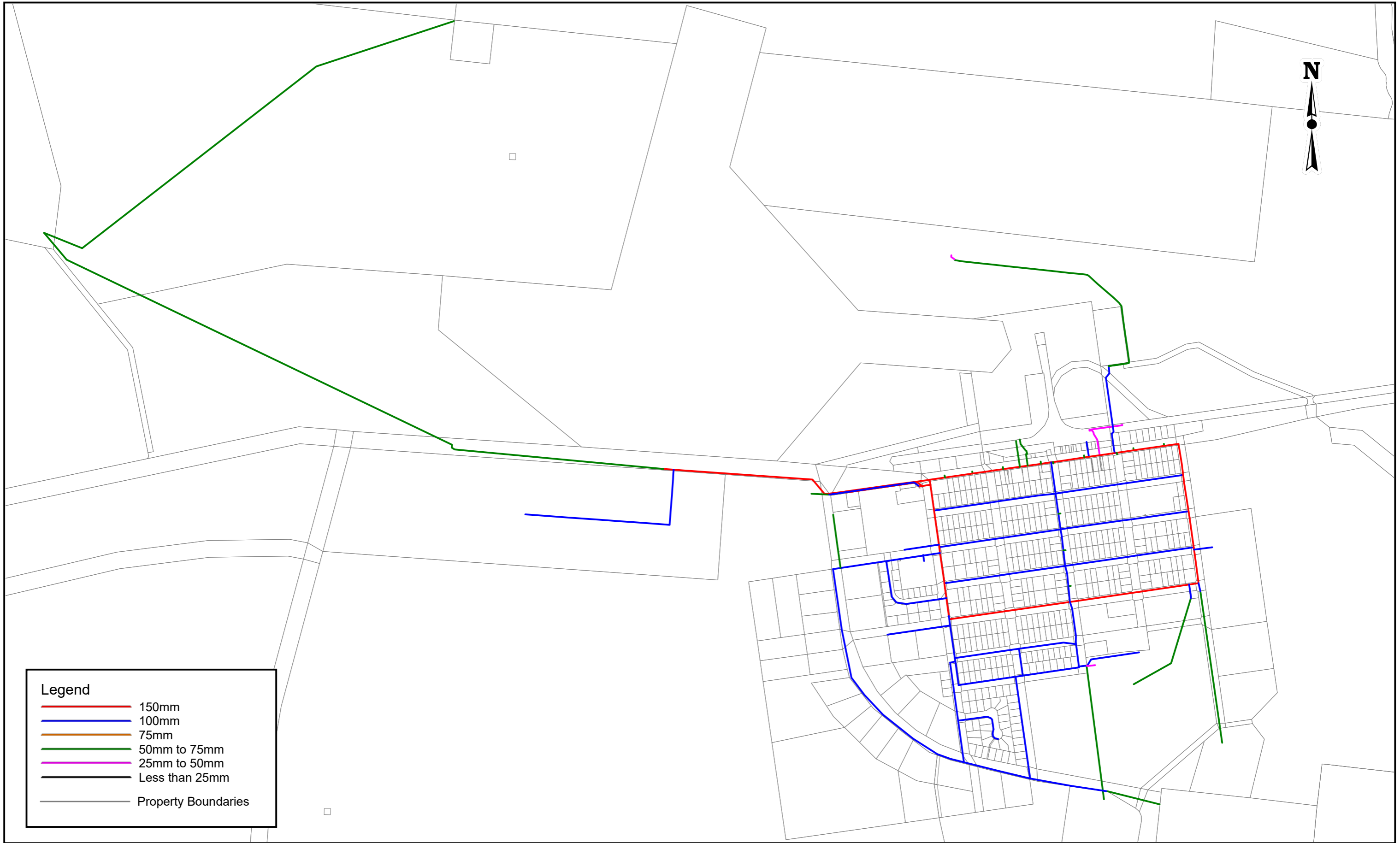
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kilometres
 Scale 1:12,500


**QUIPLIE SHIRE COUNCIL
 WATER SUPPLY SCHEME
 QUIPLIE TOWNSHIP**

Geocentric Datum of Australia 1994 (GDA94)



Legend


- 150mm
- 100mm
- 75mm
- 50mm to 75mm
- 25mm to 50mm
- Less than 25mm
- Property Boundaries



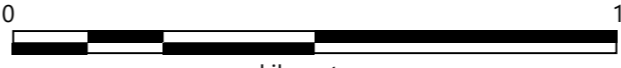
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QUILPIE Shire

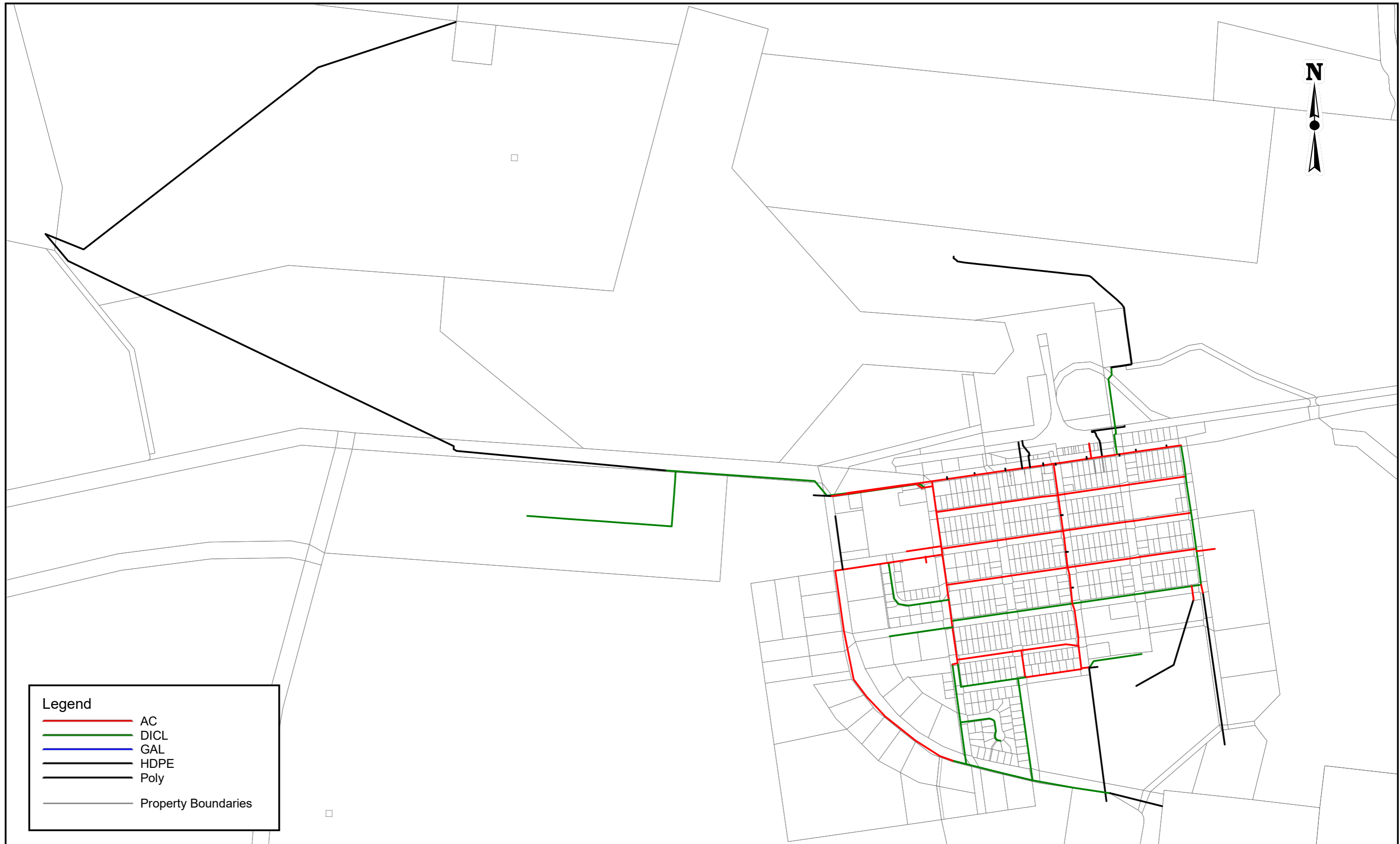


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**QUILPIE SHIRE COUNCIL
WATER SUPPLY SCHEME
QUILPIE TOWNSHIP
WATER MAIN BY NOMINAL DIAMETER**


Geocentric Datum of Australia 1994 (GDA94)

Printed: 28/08/2018
114 | Page





Legend

- AC
- DICI
- GAL
- HDPE
- Poly
- Property Boundaries



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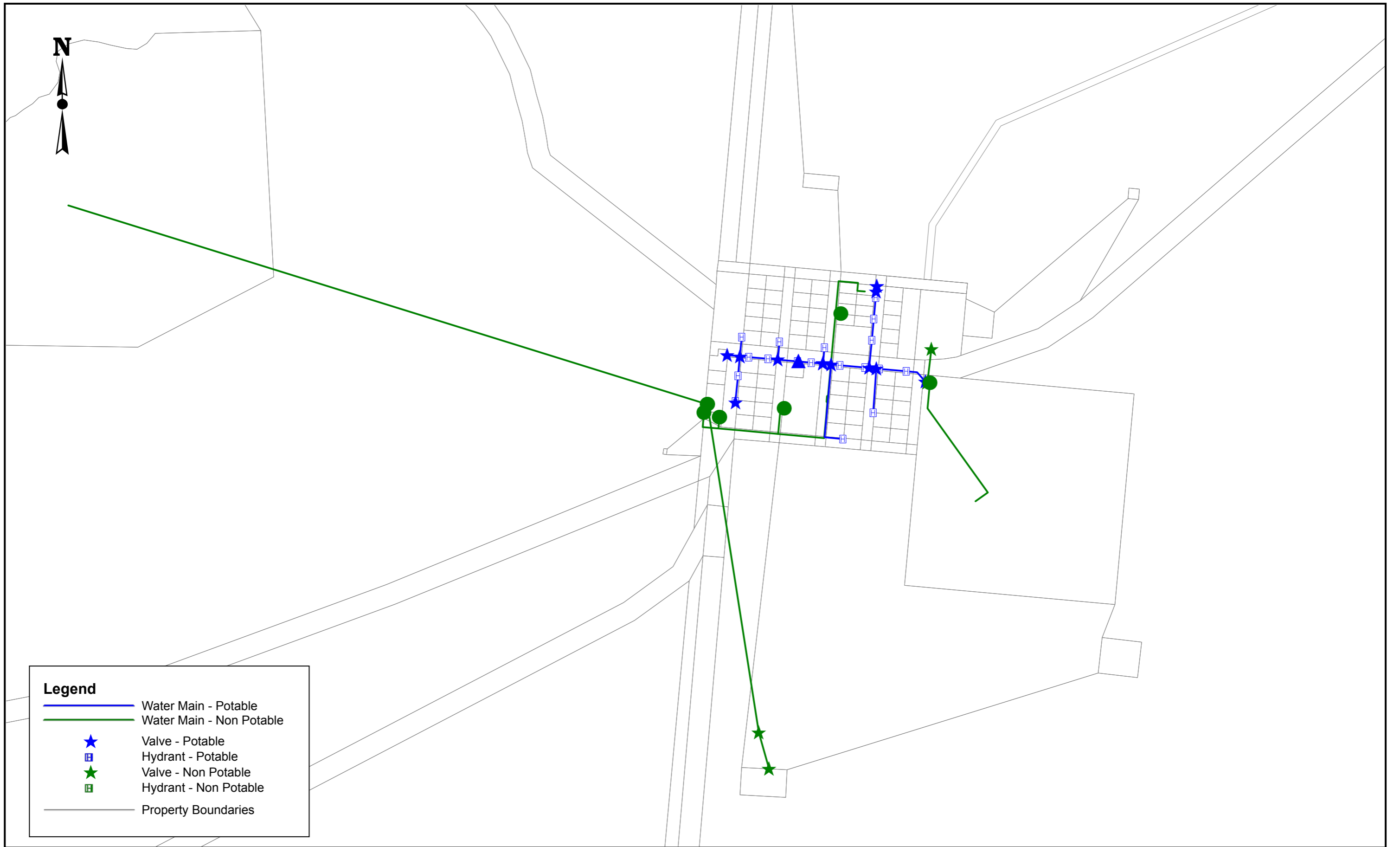



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**QUIPLIE SHIRE COUNCIL
WATER SUPPLY SCHEME
QUIPLIE TOWNSHIP
WATER MAIN BY MATERIAL**

Geocentric Datum of Australia 1994 (GDA94)

Printed: 28/08/2018
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Legend

- Water Main - Potable
- Water Main - Non Potable
- ★ Valve - Potable
- Hydrant - Potable
- ★ Valve - Non Potable
- Hydrant - Non Potable
- Property Boundaries

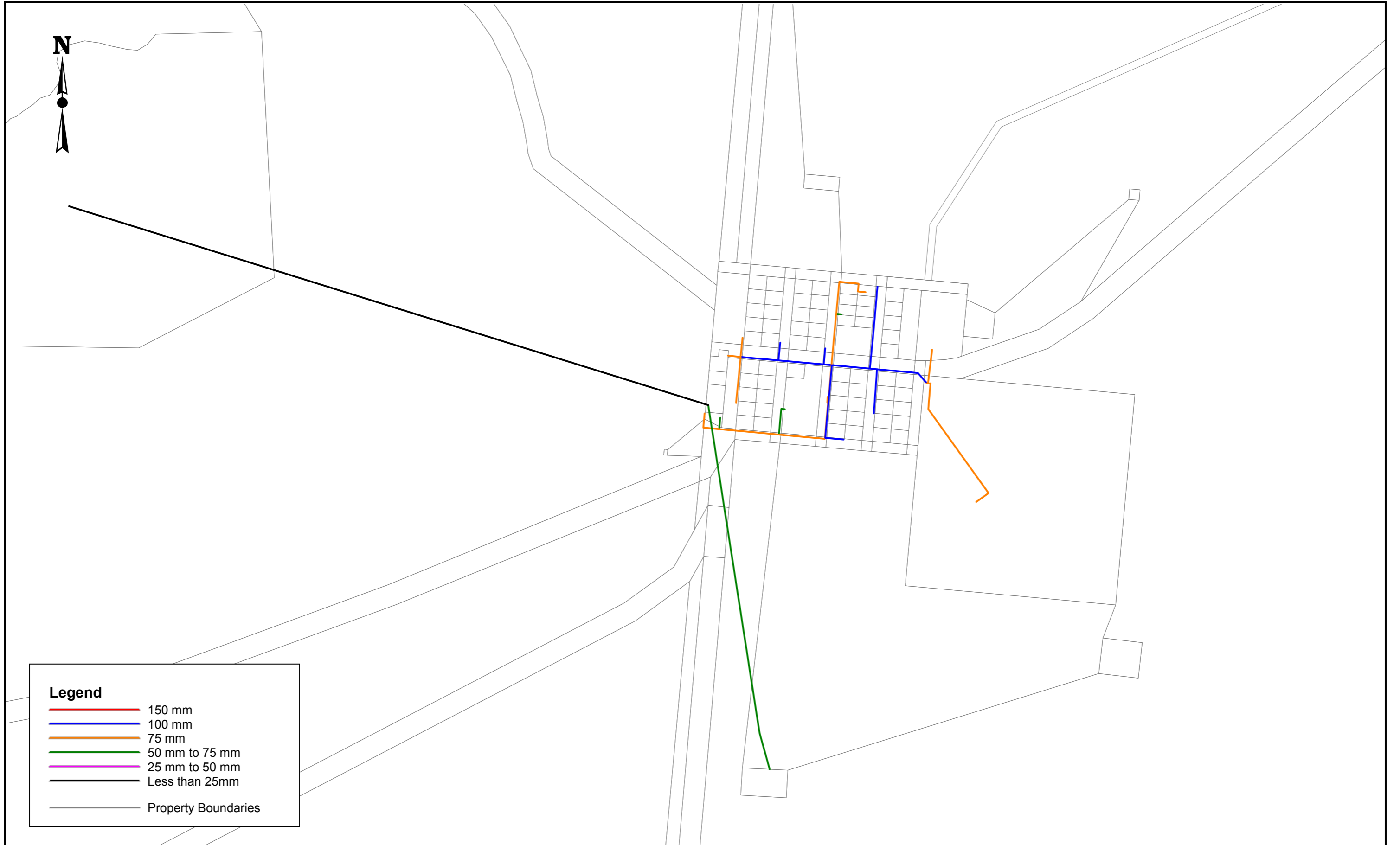


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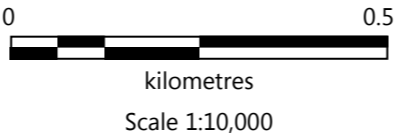
**QUIPLIE SHIRE COUNCIL
WATER SUPPLY SCHEME
EROMANGA TOWNSHIP**

Geocentric Datum of Australia 1994 (GDA94)



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- Less than 25mm
- Property Boundaries

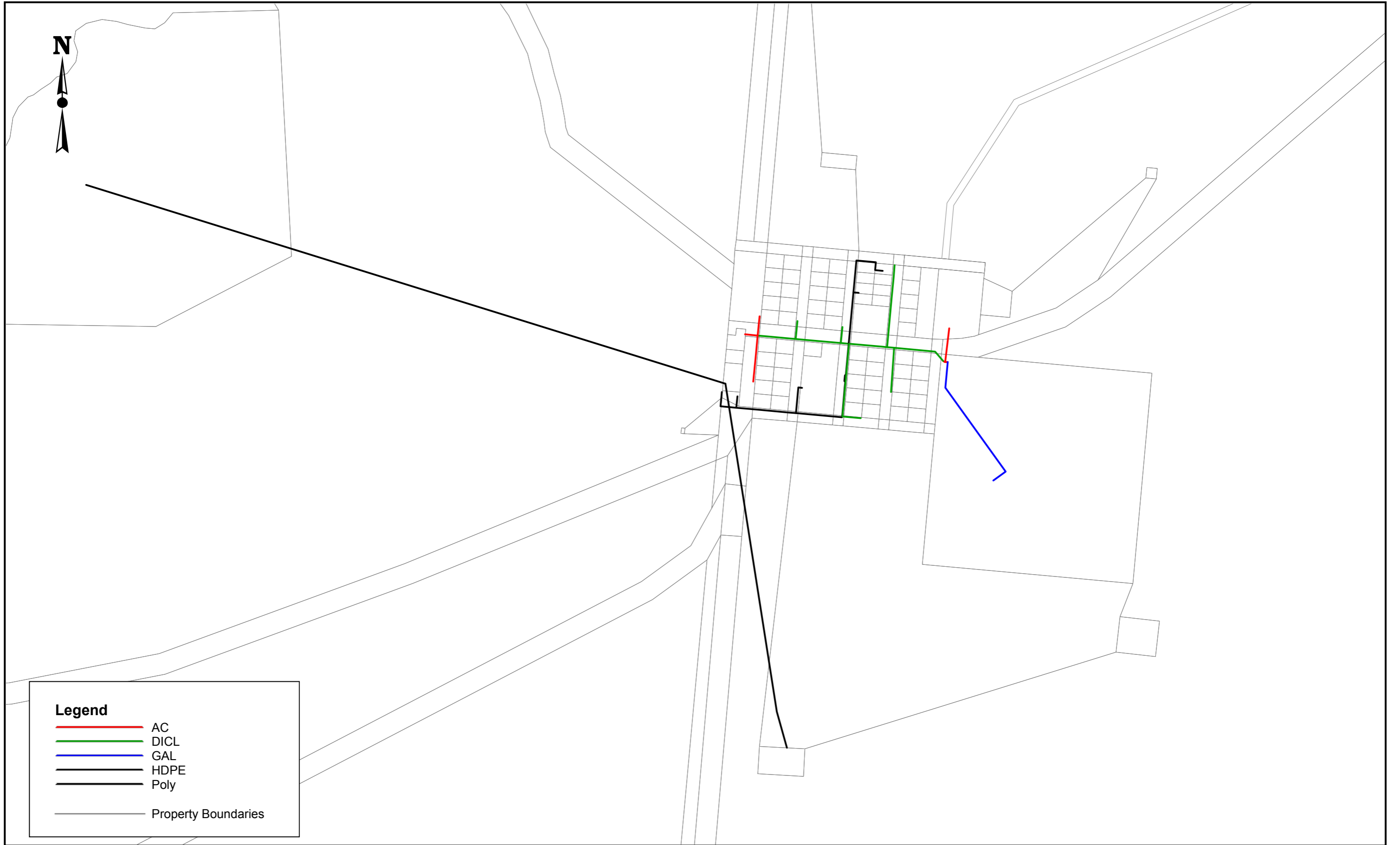


**QUIPLIE SHIRE COUNCIL
WATER SUPPLY SCHEME
EROMANGA TOWNSHIP
WATER MAIN BY SIZE**

Geocentric Datum of Australia 1994 (GDA94)



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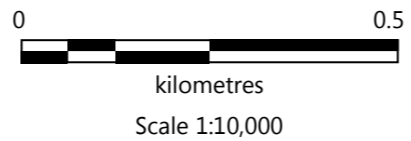
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- AC
- DICL
- GAL
- HDPE
- Poly
- Property Boundaries



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**QUIPLIE SHIRE COUNCIL
 WATER SUPPLY SCHEME
 EROMANGA TOWNSHIP
 WATER MAIN BY MATERIAL**

Geocentric Datum of Australia 1994 (GDA94)



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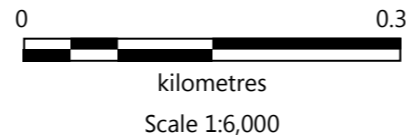
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-  Water Main - Non Potable
-  Valve - Potable
-  Hydrant - Potable
-  Valve - Non Potable
-  Hydrant - Non Potable
-  Bore - Non Potable
-  Property Boundaries



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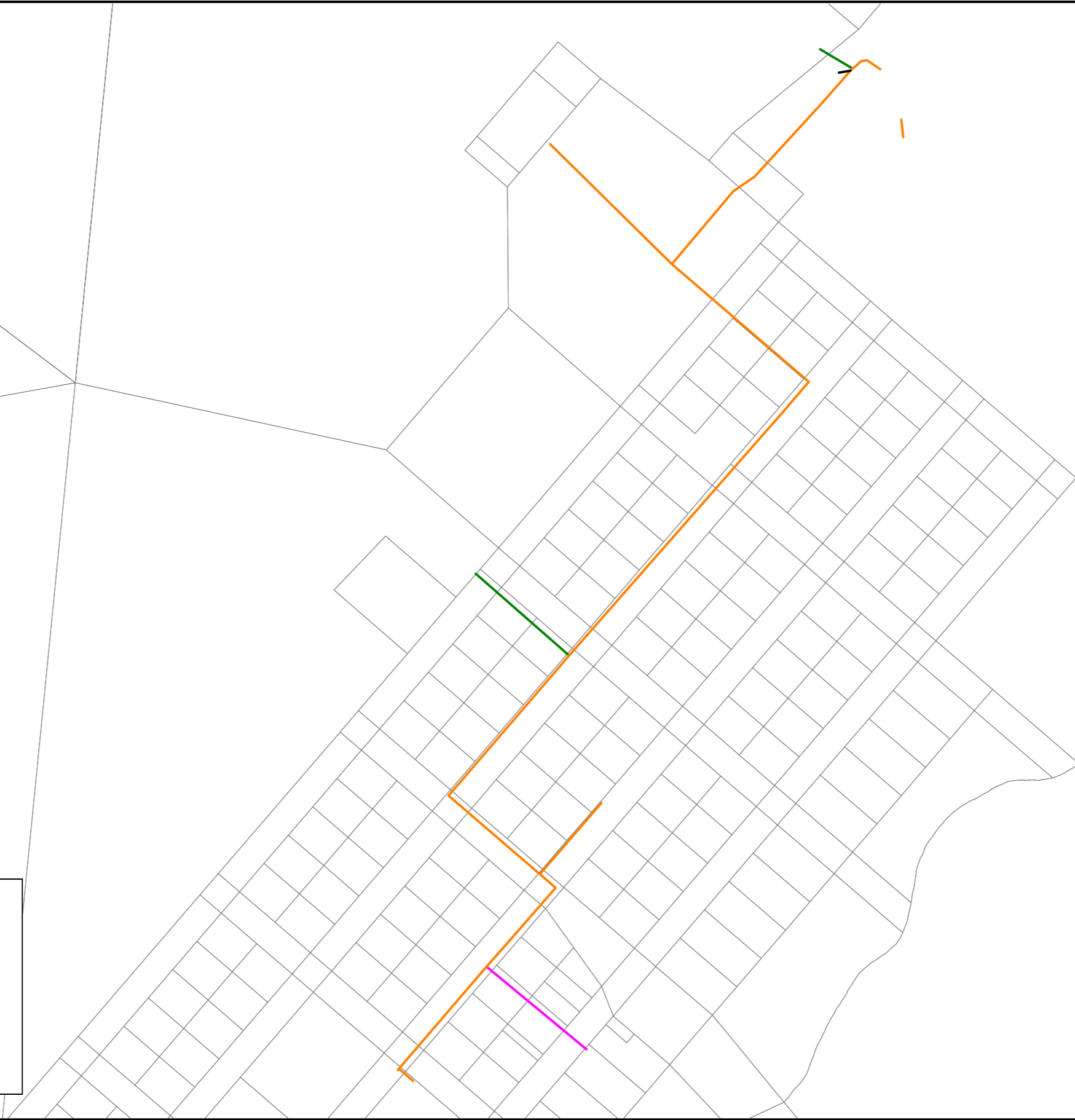
**QUIPLIE SHIRE COUNCIL
WATER SUPPLY SCHEME
ADAVALE TOWNSHIP**

Geocentric Datum of Australia 1994 (GDA94)



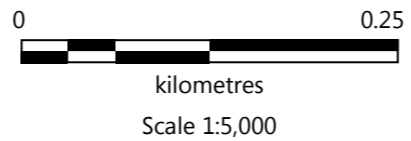
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-  Property Boundaries



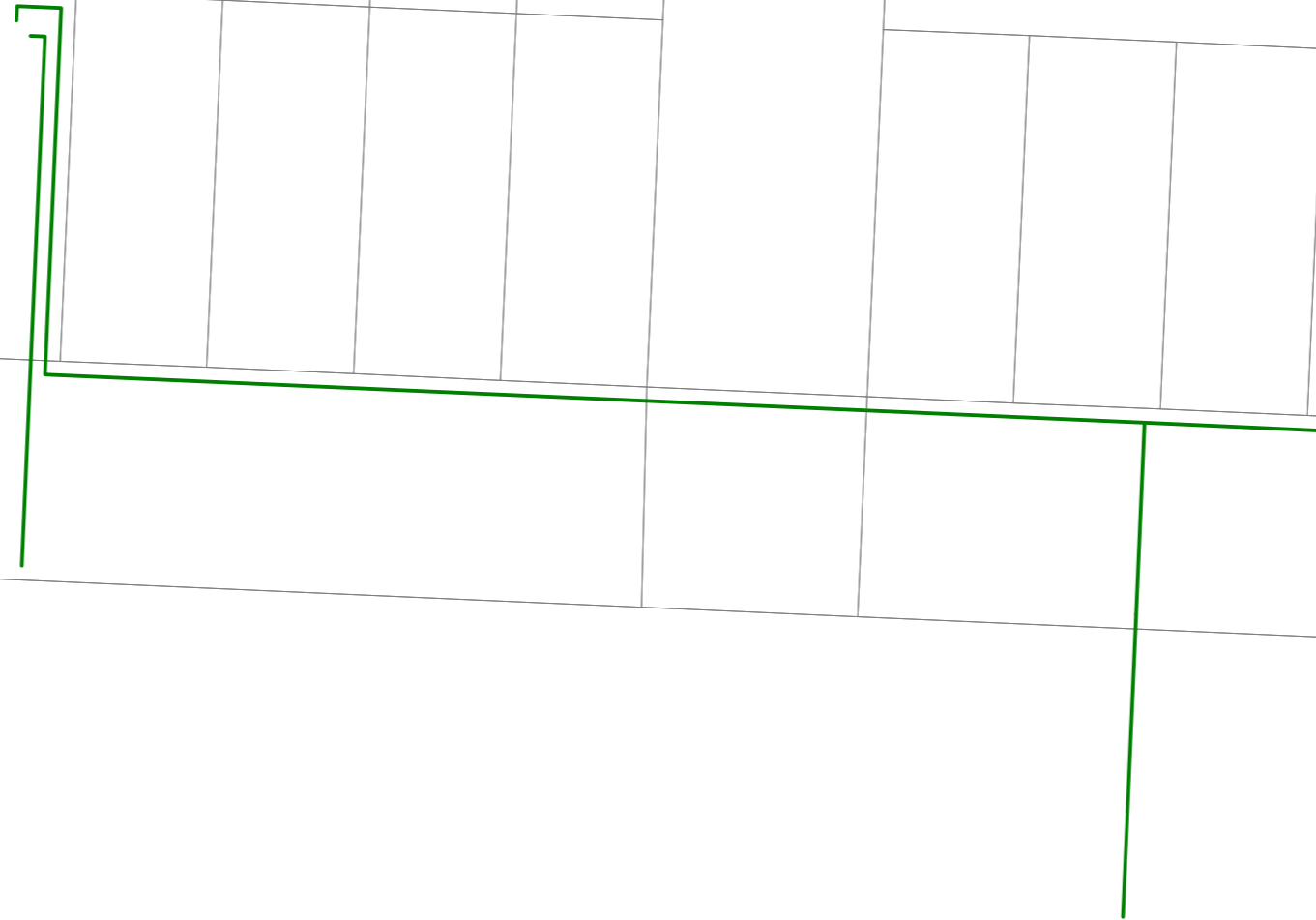
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**QUIPLIE SHIRE COUNCIL
WATER SUPPLY SCHEME
ADAVALE TOWNSHIP
WATER MAIN BY SIZE**

Geocentric Datum of Australia 1994 (GDA94)



Legend

-  Water Main - Potable
-  Water Main - Non Potable
-  Valve - Potable
-  Hydrant - Potable
-  Valve - Non Potable
-  Hydrant - Non Potable
-  Bore - Non Potable
-  Property Boundaries



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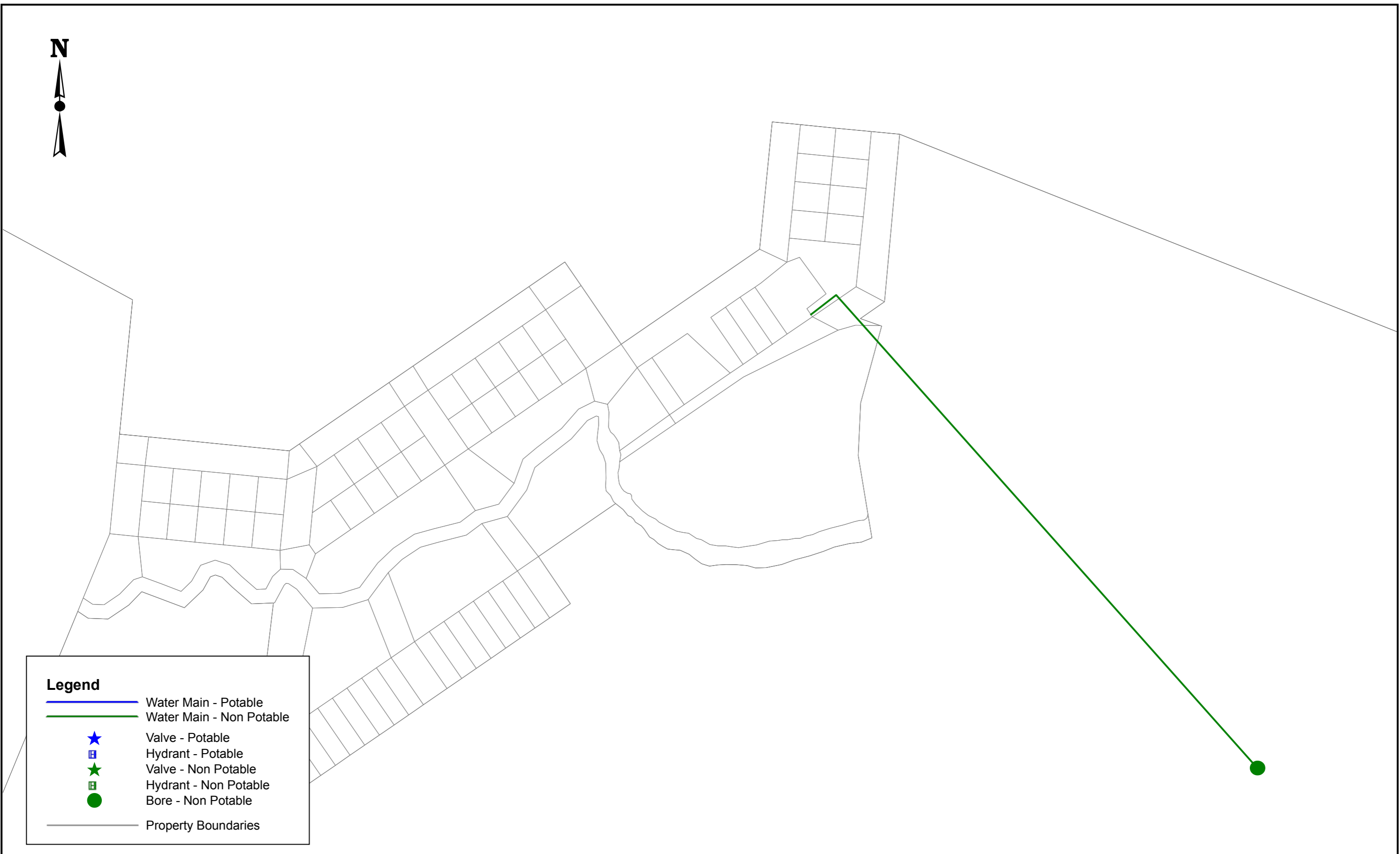
metres

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**QUILPIE SHIRE COUNCIL
WATER SUPPLY SCHEME
CHEEPIE VILLAGE**

Geocentric Datum of Australia 1994 (GDA94)



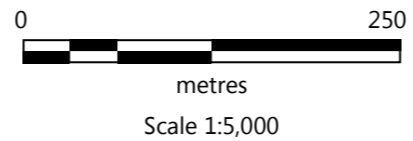
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-  Water Main - Non Potable
-  Valve - Potable
-  Hydrant - Potable
-  Valve - Non Potable
-  Hydrant - Non Potable
-  Bore - Non Potable
-  Property Boundaries



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**QUIPLIE SHIRE COUNCIL
WATER SUPPLY SCHEME
TOOMPINE VILLAGE**

Geocentric Datum of Australia 1994 (GDA94)



QUIPLIE SHIRE COUNCIL ASSET MANAGEMENT PLAN

SEWERAGE SERVICES

ISSUE	DATE	DETAILS
1	17/12/2018	Draft Issue of Asset Management Plan for Review
2	7/01/2019	Final Issue (Current to 30 June 2018)

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1 OVERVIEW AND PURPOSE OF PLAN

1.1 WHAT COUNCIL PROVIDES

Quilpie Shire Council covers an area of 67,482 km² and has a population of approximately 986 residents. The Council encompasses the main town of Quilpie as well as four smaller townships including Eromanga, Adavale, Cheepie and Toompine.

Quilpie Shire Council has a significant portfolio of community assets under its control and these assets form an integral part of providing services to the communities.

Specifically, Council provides reticulated sewerage services to declared areas of Quilpie and Eromanga. The total number of connections as at 30 June 2018 is 314. The population receiving sewerage services in the Quilpie Shire is estimated to be 699.

The infrastructure assets assessed in this plan are:

- Mains;
- Structures; and
- Mechanical and electrical equipment.

1.2 WHAT DOES IT COST?

There are two key indicators of cost to provide the sewerage service:

- The life cycle cost being the average cost over the life cycle of the asset; and
- The total maintenance and capital renewal expenditure required to deliver existing service levels in the next 10 years covered by Council's long term financial plan.

The life cycle cost to provide the sewerage service is estimated at \$159,523 per annum. Council's planned life cycle expenditure for year 1 of the asset management plan is \$235,000 which gives a life cycle sustainability index of 0.67.

The total maintenance and capital renewal expenditure required to provide the sewerage service in the next 10 years is estimated at \$4,093,531. This is an average of \$409,353 per annum.

1.3 PLANS FOR THE FUTURE

Council plans to operate and maintain the sewerage systems to achieve the following strategic objectives:

4. Ensure the sewerage network is maintained at a safe and functional standard as set out in this asset management plan.
5. Provide the community, business, industry and visitors with appropriate quality services and facilities.
6. Adopt a strategic and regional approach to infrastructure provision.
7. Facilitate the development of improved capacity for residents and local industry.

1.4 MEASURING PERFORMANCE

1.4.1 QUALITY

Sewerage system assets will be maintained in a reasonably usable condition. Defects found or reported that are outside our service standard will be repaired.

1.4.2 FUNCTION

Our intent is that an appropriate sewerage network is maintained in partnership with other levels of government and stakeholders to ensure safe, usable and efficient sewerage services throughout the sewer areas.

Sewerage system asset attributes will be maintained at a safe level and we will endeavour to ensure key functional objectives are met:

- Effective transport of waste effluent; and
- Continuity in the long term.

The main functional consequences of the sewerage network service delivery strategy are:

- Council wide acceptance and understanding of life cycle management;
- Improvement in the collection, distribution and use of asset information;
- A longer useful life for the sewerage networks;
- Prioritised replacement or rehabilitation of assets;
- Consistency in Councils approach to customer requests;
- Community acceptance of affordable levels of service;
- Appropriate maintenance of the sewerage networks; and
- Judicious expansion of the sewerage networks or associated capacity.

1.4.3 SAFETY

Council inspect or monitor all sewerage assets as regularly as possible and prioritise and repair defects in accordance with our inspection schedule to ensure they are safe.

1.5 THE NEXT STEPS

The actions resulting from this asset management plan are:

- Complete the collection of the sewerage system infrastructure data including condition rating;
- Undertake more detailed modelling to determine an appropriate replacement or rehabilitation schedule for the next 20 years;
- Develop the complaints/requests database to ensure usable data is available for input into decision making;
- Undertake community consultation in relation to customer expectations of the water supply network; and

- Refine levels of service based on funding and community expectations.

2 REGISTERED SERVICE DETAILS

This Asset Management Plan has been prepared by Proterra Group on behalf of Quilpie Shire Council (QSC). It is applicable to QSC Sewerage Service. QSC is a registered sewerage service provider with the Department of Natural Resources Mines and Energy (DNRME) – Service Provider ID 108.

3 NATURE OF SERVICE

The Quilpie Shire Council supplies sewerage services to declared areas of Quilpie and Eromanga townships. The service in Quilpie is a full conventional gravity sewerage network. The Eromanga service is a common effluent drainage (CED) scheme.

Council does not intend to consider the provision of sewerage services to other townships within the Shire.

Table 1 shows an overview of the schemes at 30 June 2018.

Table 1 Overview of Schemes and Projected Demand

Scheme Name	Operator	Communities Served	Current (2016)			Future (2026)		
			Population Served	Connections	Sewage Flow (kL/d)	Population Served	Connections	Sewage Flow (kL/d)
Quilpie	Quilpie Shire Council	Quilpie	654	281	200	654	314	200
Eromanga		Eromanga	45	33	Not Recorded	45	33	Not Recorded
Total				699	314	Unknown	699	347

4 INFRASTRUCTURE DETAILS

4.1 QUILPIE SEWERAGE SCHEME

The Quilpie sewerage scheme is a conventional sewerage scheme. Raw sewerage is collected from individual properties and flows by gravity to various pumping stations located throughout the township. Pump station 2 and 3 pump sewage back to the gravity sewers in catchment 1. Pump station 1 and 4 pump sewage directly to the Quilpie Sewage Treatment plant. The sewerage treatment plant is comprised of an Imhoff tank, sedimentation tank and facultative lagoons. Treated effluent from the plant is discharged in accordance with permit conditions administered by the Department of Environment and Heritage Protection.

4.1.1 QUILPIE SCHEMATIC

Figure 1 shows a schematic of the Quilpie sewerage scheme.

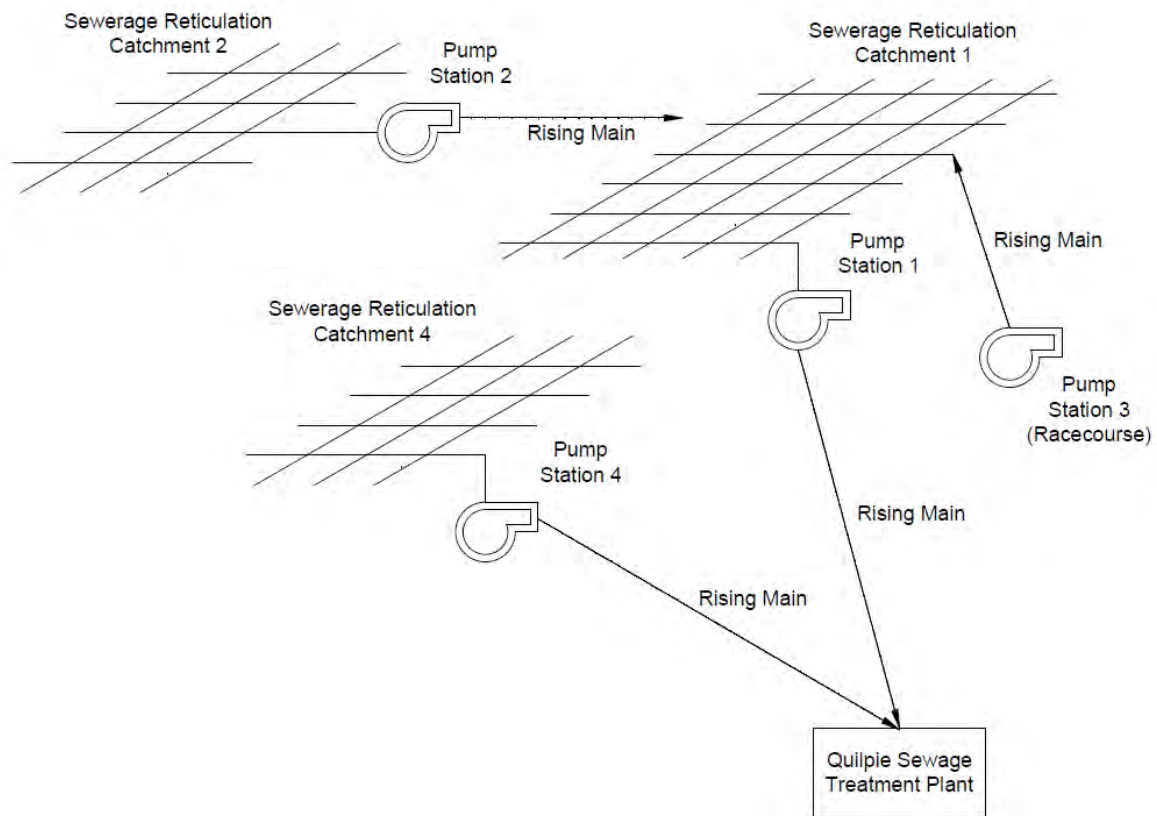


Figure 1 Quilpie Sewerage Schematic

4.1.2 QUILPIE INFRASTRUCTURE DETAILS

Table 2 provides the following details for Quilpie's sewerage infrastructure.

Table 2 Quilpie Infrastructure Details

Component		Length (m)	
Mains	Main Diameter (mm)	Less than 50	0
		50	180
		80	233
		100	672
		150	8,314
		225	3,384
		TOTAL	12,783
	Main Material	VC	82
		AC	961
		PVC	10,921
		HDPE	819
		DICL	0
		TOTAL	12,783
	Main Age	0-10 Years	2,414
		10-20 Years	7,978
		20-30 Years	286
		30-40 Years	902
		40-50 Years	0
		50-60 Years	233
		60+ Years	970
TOTAL		12,783	

4.2 EROMANGA SEWERAGE SCHEME

The Eromanga sewerage scheme is a Common Effluent Drainage (CED) scheme. Treated effluent is collected from on-site wastewater treatment units located in each property. Effluent drains to a central pumping station and is then pumped to a sewerage treatment plant comprised of lagoons and wetlands for further treatment. Treated effluent from the plant is disposed of by evaporation.

4.2.1 EROMANGA SCHEMATIC

Figure 2 shows a schematic of the Eromanga sewerage scheme.

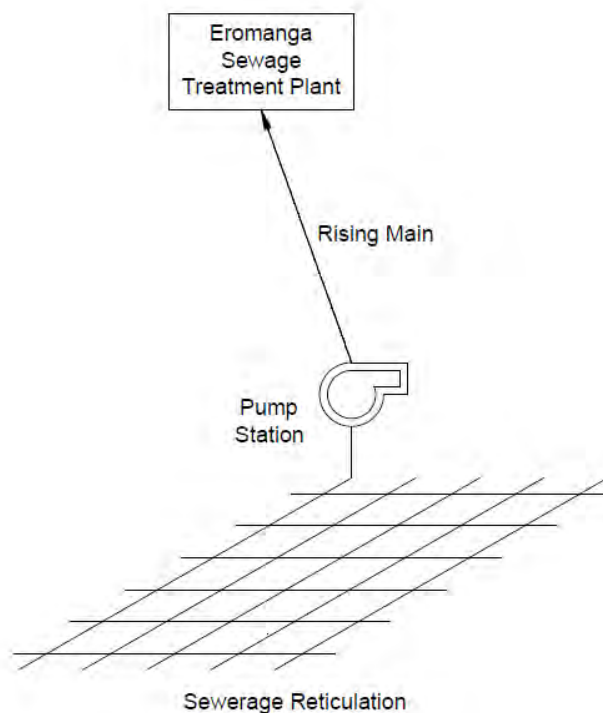


Figure 2 Eromanga Sewerage Schematic

Table 4.2 provides the following details for Eromanga's sewerage infrastructure.

4.2.2 EROMANGA INFRASTRUCTURE DETAILS

Table 3 Eromanga Infrastructure Details

Component		Length (m)	
Mains	Main Diameter (mm)	Less than 50	0
		50	0
		80	0
		100	442
		150	2,883
		225	0
		TOTAL	3,325
		Main Material	VC
	AC		0
	PVC		3,325
	HDPE		0
	DICL		0
	TOTAL		3,325
	Main Age	0-10 Years	0
		10-20 Years	3,325
		20-30 Years	0
		30-40 Years	0
		40-50 Years	0
		50-60 Years	0
		60+ Years	0
		TOTAL	3,325

4.3 ASSETS BY CATEGORY

A summary of the current assets by category is shown in Table 4.

Table 4 Summary of Current Assets

Category	Current Replacement Cost (\$)	Weighted Average (Years)	
		Age	Remaining Life
Overall			
Mains	2,343,827	14	65
Pump Stations	645,744	24	38
Treatment Plant	4,153,242	54	31
All categories	1,163,670	27	51

5 LEVELS OF SERVICE

5.1 CUSTOMER SERVICE STANDARDS

Quilpie Shire Council has established Customer Service Standards (CSS) for sewerage services in accordance with the requirements of the *Water Supply (Safety and Reliability) Act 2008*. The applicable customer service standards are indicated in table 5. These levels of service have been set with regard to:

- Historical records;
- Analysis of the Quilpie Shire Council sewerage reticulation records; and
- Affordability and financial viability of the undertaking.

Table 5 Customer Service Standards

Performance Indicators (PI)	Target
Total water main breaks per 100km mains / year	60
Incidence of unplanned interruptions per 1000 connections / year	20
Average response time for water incidents (bursts and leaks)	5 hours
Water quality complaints per 1000 connections / year	50

6 RISK MANAGEMENT

Risk management involves managing to achieve an appropriate balance between maximising gains while minimising losses. Risk is based on the probability of failure and the consequences if failure occurs.

A risk assessment has been undertaken at a scheme level and component level.

Table 6 – Quilpie Shire Council Sewerage Services Risk Register – Scheme Wide

Network Risk	Description of Risk	Like- lihood	Conse- quence	Risk Score	Mitigation Action
Deteriorated Assets	As the assets reach the end of their economic life they suffer increasing frequency of failure which impacts on service to the community and requires significant expenditure for repair and replacement.	B	5	EXTREME	Undertake regular inspections and condition rating surveys. Use the results to prioritise forward works programs.
Financial Sustainability		B	4	HIGH	Upgrade scheme infrastructure as funds permit.
Inadequate Operational Performance	Assets fail to provide an acceptable level of service to customers and impacts operational staff safety.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Train staff as required.
Environmental Compliance	Asset condition produces environmental impacts.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Train staff as required.
Regulatory / Legal Compliance	Asset condition / level of service fails to meet regulatory standards.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Train staff as required.

Table 7 – Quilpie Shire Council Sewerage Services Risk Register – Scheme Component

Component Risk	Description of Risk	Like-likelihood	Consequence	Risk Score	Mitigation Action
Mains Breaks	Assets fail to provide an acceptable level of service to customers. Potential for sewerage overflows to private property and environment.	B	3	MEDIUM	Undertake regular inspections and condition rating surveys. Use the results to prioritise forward works programs.
Chokes and Blockages	Assets fail to provide an acceptable level of service to customers. Potential for sewerage overflows to private property and environment.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit.
Telemetry Failure	Assets fail to provide an acceptable level of service to customers. Potential for sewerage overflows to private property and environment.	B	3	MEDIUM	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Provide stand-by equipment where necessary.
Pump Station Failure	Assets fail to provide an acceptable level of service to customers. Potential for sewerage overflows to private property and environment.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Provide stand-by equipment where necessary.
Treatment Plant Failure	Assets fail to provide an acceptable level of service to customers. Potential for sewerage overflows to private property and environment.	B	4	HIGH	Undertake regular inspections and program maintenance and remedial works on a priority system as funds permit. Provide stand-by equipment where necessary.

Table 8 – Risk Rating Matrix

RISK RATING MATRIX			LIKELIHOOD				
			Rare	Unlikely	Possible	Likely	Almost Certain
			Very Unlikely / infrequent / more than every 5 years	Possible / happens occasionally / every 2-5 years	Reasonably likely / occurs often / yearly	Likely occurrence / frequent / 2-3 times a year	Certainty / continuous / monthly or more frequent
			A	B	C	D	E
CONSEQUENCE	NEGLIGIBLE	1	LOW	LOW	MEDIUM	MEDIUM	HIGH
	MINOR	2	LOW	MEDIUM	MEDIUM	HIGH	HIGH
	MODERATE	3	MEDIUM	MEDIUM	HIGH	HIGH	EXTREME
	SERIOUS	4	MEDIUM	HIGH	HIGH	EXTREME	EXTREME
	EXTREME	5	HIGH	EXTREME	EXTREME	EXTREME	EXTREME

Table 9 – Defined Acceptable Risk Levels

Level of Risk	Proposed Action
Low Risk (Acceptable)	Manage for continuous improvement
Medium Risk (Marginally Acceptable)	Manage for continuous improvement.
High Risk (Unacceptable)	Implement short term measures immediately, longer term risk reduction measures need to be a priority
Extreme Risk (Unacceptable)	Implement short term measures immediately, implementation of longer term risk reduction measures given top priority

7 SYSTEM OPERATION AND MAINTENANCE

7.1 OPERATION

7.1.1 QUILPIE SEWERAGE SCHEME

(a) Overview

A description and schematic layout of the Quilpie sewerage scheme is provided in section 4.1 of this plan.

(b) Monitoring and Control

The sewerage scheme is monitored by Quilpie Shire Council during routine maintenance activities as detailed below in section 7.2. All pumping stations have automated control systems. Pump station faults requiring operator intervention are paged to an on-call mobile phone via Council's SCADA system.

7.1.2 EROMANGA SEWERAGE SCHEME

(a) Overview

A description and schematic layout of the Eromanga sewerage scheme is provided in section 4.2 of this plan.

(b) Monitoring and Control

The sewerage scheme is monitored by Quilpie Shire Council during routine maintenance activities as detailed below in section 7.2. All pumping stations have automated control systems. Pump station faults requiring operator intervention are paged to an on-call mobile phone via Council's SCADA system.

7.2 MAINTENANCE STRATEGIES

7.2.1 MAINTENANCE PLAN

Maintenance activities are undertaken in accordance with table 10.

Table 10 – Maintenance Activities

Asset Group	Maintenance Activity	Frequency	Comments
Gravity Mains	Clear blockages	As required	No documented procedures
House Connections	Clear blockages	As required	No documented procedures
Manholes	Inspect and clean Spray for cockroaches	As required 2 years	Done with clearing blockages No documented procedures
Rising Mains	Repair Leaks and Bursts	As required	No documented procedures
Pump Stations	Hose out Clear blockages Inspect Inspect, check and clean Inspect and clean	Weekly As required 6 Monthly 6 Monthly 3 Monthly	No documented procedures No documented procedures No documented procedures No documented procedures No documented procedures
Treatment Plant	Hose clean Inspect	Week days Inspect	No documented procedures No documented procedures
Telemetry Outstations	Check batteries Change batteries	Yearly 2 Yearly	No documented procedures No documented procedures
Grounds	Mow	As required	No documented procedures

Generally, reactive maintenance is limited to the repair of breaks and chokes to sewerage mains. Mechanical and electrical equipment is inspected and checked regularly and is withdrawn from service for specialist servicing and maintenance as required.

Repairs to electrical switchboards and cabling are undertaken by a local electrical contractor.

Pumps and motors are sent to established service companies for repair and/or reconditioning.

The telemetry supplier provides specialist services by remotely accessing the telemetry system or visiting the site as required.

7.2.2 STANDARDS AND SPECIFICATIONS

Maintenance work is carried out in accordance with the following standards and specifications:

- Relevant industry specifications;
- Relevant Australian Standards; and
- Quilpie Shire Council quality and safety plans.

7.2.3 SUMMARY OF FUTURE MAINTENANCE EXPENDITURES

Future maintenance expenditure is forecast to trend in line with the value of the asset stock as shown in Figure 3. Note all costs are shown in current 2018/2019-dollar values.

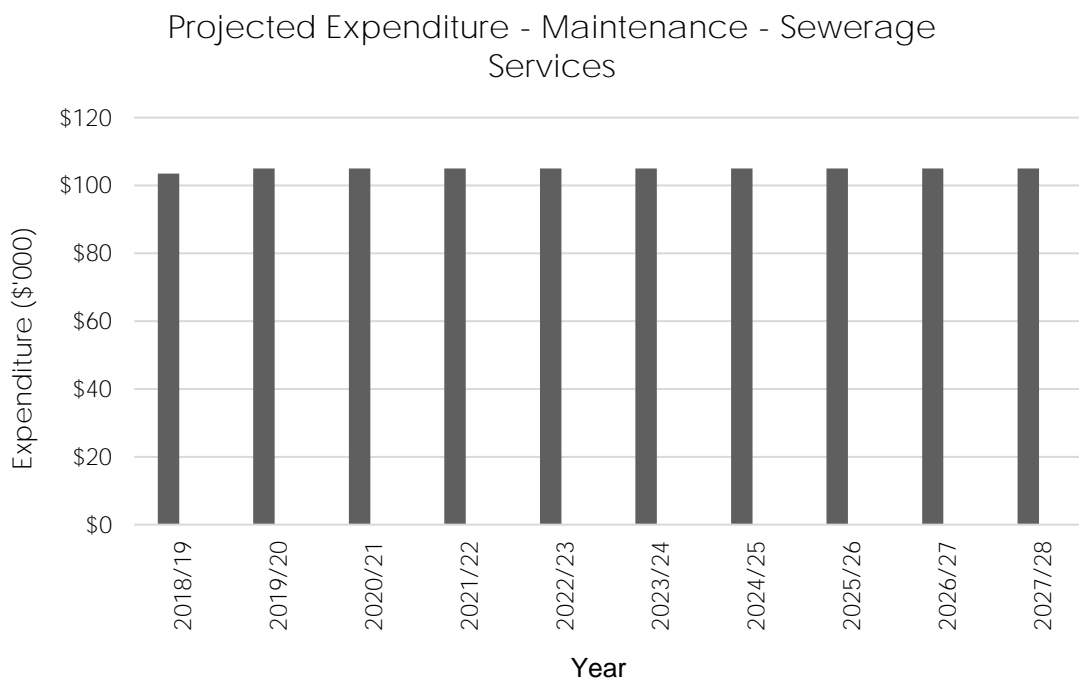


Figure 3 Projected Maintenance Expenditure – Sewerage Schemes

Deferred maintenance, i.e. works that are identified for maintenance and unable to be funded are to be included in the risk assessment process in the infrastructure risk assessment plan.

Maintenance is funded from Council's operating budget and grants where available.

7.3 DOCUMENTED PROCEDURES

Service manuals for electrical and mechanical equipment at each raw sewage pump station are held by the water officer. A copy of this documentation is held in Council's record system.

Service manuals are supplied with new equipment and are current for the life of the plant.

Council has not prepared documented procedures for the operation of the sewerage schemes.

Operation and maintenance activities are undertaken on an informal basis.

Mechanical and electrical equipment is operated and maintained in accordance with the manufacturer's manual for the particular equipment.

7.4 STAFFING

Operations at the Quilpie are delivered through the Water Officer. The water officer and the water and sewerage crew operate the sewerage scheme/s. At least one of these officers is on call at all times.

The Eromanga scheme is operated by locally based personnel.

The water officer and his assistant are the only full-time water supply and sewerage field staff at Quilpie. Field staff at other townships undertake other duties as required.

All operators report to the water and sewerage supervisor who is responsible for allocating additional resources as and when required.

Council prefers that the water officer be a licenced plumber and drainer, but it is not always possible to attract fully qualified staff to western areas.

Plant is allocated from the Council depot as appropriate.

Current resources are adequate for the foreseeable future.

7.5 PERFORMANCE MONITORING

Monitoring at the Quilpie scheme is limited to manual reading of a flow meter located at the inlet works of sewage treatment plant. A visual inspection of all major components to detect maintenance issues is conducted three times weekly or as required.

New connections to the scheme are totalled at the end of each month.

Complaints of blockages, overflows and odours are totalled at the end of each month for review by the Technical Officer.

Water quality of effluent discharged from the Quilpie sewage treatment plant is tested quarterly and the results reported to the relevant government departments.

A summary of the scheme performance is prepared at the end of each calendar month and reported to Council. Scheme performance for the financial year is included in the annual report to Council and also forwarded to other government organisations via the Statewide Water Information Management (SWIM) reporting system.

8 RENEWAL STRATEGY

8.1 ASSET CAPACITY AND PERFORMANCE

Council's services are generally provided to meet design standards where these are available.

Locations where deficiencies in service performance are known are detailed in Table 11.

Table 11 Known Service Performance Deficiencies

Scheme	Service Deficiency
Quilpie	The sewage treatment plant at Quilpie is approaching the end of its useful life.
Eromanga	N/A

The above service deficiencies were identified from regular safety and technical inspections undertaken by Council staff, maintenance supervisors reporting on routine activities and customer requests.

8.2 ASSET CONDITION

Assets are condition rated where practicable using a 1 – 5 rating system.

Table 12 Asset Condition Rating

Rating	Description of Condition
1	Excellent Condition Only planned maintenance required
2	Very Good Minor maintenance required plus planned maintenance.
3	Good Significant maintenance required
4	Average Significant renewal/upgrade required
5	Poor Unserviceable

The condition profile of Council's assets is not known at this stage and all analysis has been based on asset age. This data will be improved upon in the next update of the plan.

8.3 ASSET VALUATION

The value of assets as at 30 June 2018 covered by this asset management plan is summarised in Table 13.

Table 13 – Asset Valuations

	Financial Statement Valuations
Current Replacement Cost	\$4,153,242
Written Down Cost	\$2,823,326
Accumulated Depreciation	\$1,329,916
Annual Depreciation	\$55,992

Council's sustainability reporting reports the rate of annual asset consumption and compares this to asset renewal and asset upgrade and expansion.

- Asset Consumption (Annual Depreciation / Written Down Cost) 1.98%
- Asset Renewal (Renewal Expense / Depreciable Amount) 5.66%
- Annual Upgrade/Expansion (New & Upgrade Expense/Depreciable Amount) 0.00%

8.4 RENEWAL / REPLACEMENT PROGRAM

Renewal expenditure is major work which does not increase the assets 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.

8.4.1 RENEWAL PLAN

Assets requiring renewal are identified from estimates of remaining life obtained from the GIS database and asset register worksheets. Candidate proposals are inspected to verify accuracy of remaining life estimate and to develop a preliminary renewal estimate. Verified proposals are ranked by priority as shown in table 14.

A program to reline gravity sewers was conducted in 2009. Most asbestos cement (AC) and vitrified clay (VC) gravity mains in Quilpie were relined with PVC pipe. Existing PVC mains, five inaccessible gravity mains and rising mains were not renewed as part of this program.

Table 14 Renewal Plan Priority Ranking Criteria

Criteria	Weighting
Condition	80%
Functionality	10%
Accessibility	10%
Total	100%

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.

8.4.2 RENEWAL STANDARDS

Renewal work is carried out in accordance with the following standards and specifications:

- Relevant industry specifications;
- Relevant Australian Standards; and
- Quilpie Shire Council quality and safety plans.

8.4.3 SUMMARY OF FUTURE RENEWAL EXPENDITURE

Projected future renewal expenditures are forecast to increase over time as the asset stock ages. The costs are summarised in Figure 4. Note all costs are shown for the current 2018/2019 - dollar values.

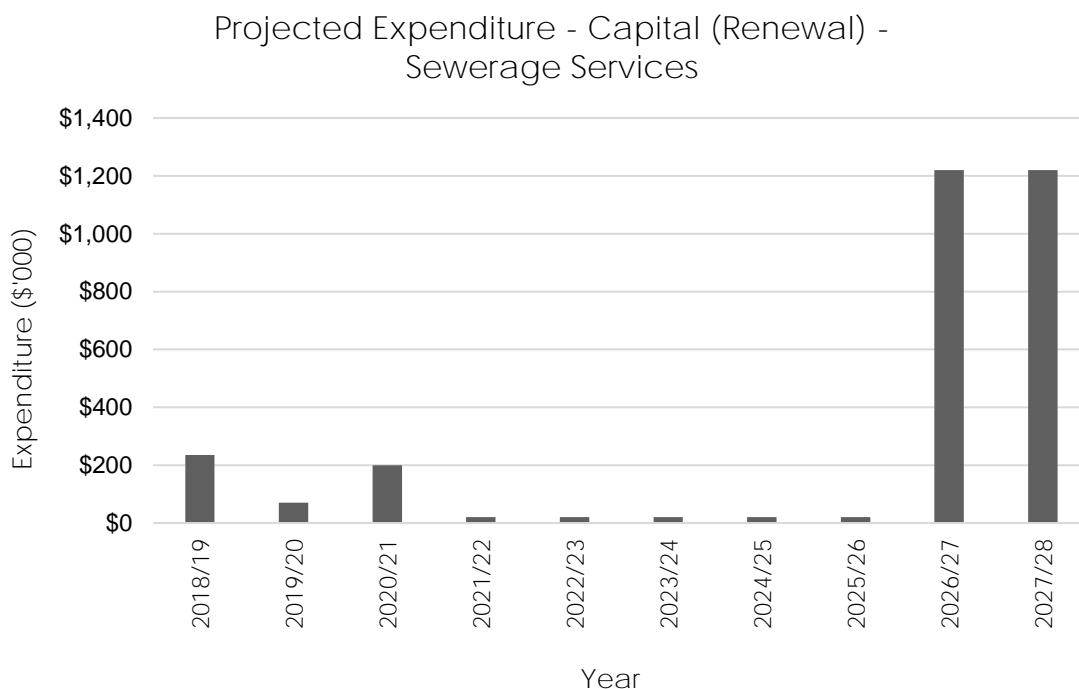


Figure 4 Projected Capital Renewal Expenditure – Sewerage Schemes

The projected capital renewal program is shown in Appendix C.

Deferred renewal, i.e. those assets identified for renewal and not scheduled for renewal in capital works programs are to be included in the risk assessment process in the risk management plan.

Renewals are to be funded from Council's capital works program and grants where available. This is further discussed in Section 9.2.

8.5 CREATION/ACQUISITION/UPGRADE PLAN

New works are those works that create a new asset that did not previously exist or works which upgrade or improve an existing asset beyond its existing capacity. They may result from growth, social or environmental needs. Assets may also be acquired at no cost to the Council from land development.

8.5.1 SELECTION CRITERIA

New assets and upgrade/expansion of existing assets are identified from various sources such as councillor 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. Verified proposals are ranked by priority and available funds and scheduled in future works programmes. The priority ranking criteria is detailed below.

Table 15 New Assets Priority Ranking Criteria

Criteria	Weighting
System reliability and performance	35%
Reliability of treatment improvement	35%
Maintenance minimisation	10%
Links to Community Plan and Corporate Plan	5%
Links to works programs and strategies	5%
Community request	10%
Total	100%

8.5.2 STANDARDS AND SPECIFICATIONS

Standards and specifications for new assets and for upgrade/expansion of existing assets are the same as those for renewal shown in Section 8.4.2.

8.5.3 SUMMARY OF FUTURE UPGRADE / NEW ASSETS EXPENDITURE

At the time of preparing this plan no capital (upgrade) projects were proposed for any of any of Quilpie Shire Council's sewerage schemes over the 10 year planning period.

8.6 DISPOSAL PLAN

Disposal includes any activity associated with disposal of a decommissioned asset including sale, demolition or relocation. At present, no water supply assets are being considered for disposal. Future updates of this plan may identify assets for possible decommissioning and disposal. These assets will be further reinvestigated to determine the required levels of service and see what options are available for alternate service delivery, if any.

9 FINANCIAL ARRANGEMENTS

9.1 EXPENDITURE SUMMARY

A summary of planned expenditure on operations, maintenance and renewals for planning period (10 years) is included in Table 16. Note that all costs are shown in 2019/2019 - dollar values.

Table 16 10 Year Projected Expenditure – All of Shire

Year	Operations and Maintenance Expenditure (\$)	Capital (Renewal) Expenditure (\$)	New Capital Works Expenditure (\$)	TOTAL (\$)
2018/19	103,531	235,000	0	338,531
2019/20	105,000	70,000	0	175,000
2020/21	105,000	200,000	200,000	505,000
2021/22	105,000	20,000	0	125,000
2022/23	105,000	20,000	0	125,000
2023/24	105,000	20,000	0	125,000
2024/25	105,000	20,000	0	125,000
2025/26	105,000	20,000	0	125,000
2026/27	105,000	1,220,000	800,000	2,125,000
2027/28	105,000	1,220,000	800,000	2,125,000

9.2 REVENUE SUMMARY

Likely sources of funding are shown below in Table 17.

Table 17 – 10 Year Projected Revenue – All of Shire

Year	Fees and Charges (\$)	Grants / Subsidies (\$)	Loans (\$)	TOTAL (\$)
2018/19	196,845	-	-	196,845
2019/20	200,600	-	-	200,600
2020/21	200,600	-	-	200,600
2021/22	200,600	-	-	200,600
2022/23	200,600	-	-	200,600
2023/24	200,600	-	-	200,600
2024/25	200,600	-	-	200,600
2025/26	200,600	-	-	200,600
2026/27	200,600	-	-	200,600
2027/28	200,600	1,010,000	900,000	2,110,600
2024/25	200,600	1,010,000	900,000	2,110,600

10 ASSET MANAGEMENT PRACTICES

10.1 ASSET DATA CAPTURE AND MAINTENANCE

10.1.1 ASSET MANAGEMENT SUMMARY

The management of Quilpie Shire Council's water supply asset data shall be managed in accordance this plan and the following corporate documents:

- Asset Capitalisation Policy;
- Asset Disposal Policy; and
- Asset Management Strategy.

10.1.2 ASSET DATA STORAGE

All asset data is to be stored in Council's Geographical Information System (GIS) or Council's financial system. Information regarding each asset class shall contain attributes in the approved form. The data structure for water supply assets is included in *Asset Form 4.1 Sewer Structures Inspection Form* and *Asset Form 4.2 Sewer Pipes Inspection Form*. Copies of these forms are included in Appendix B.

10.1.3 ASSET DATA CAPTURE AND MAINTENANCE PROCEDURE

Upon asset renewal, upgrade or expansion; Council's GIS or financial system shall be updated to reflect changes to the sewerage network. Information regarding changes to any asset shall be recorded by Quilpie Shire Council water and sewerage personnel and forwarded to the asset data manager. The asset data manager shall organise for survey of the new asset (if required) and be responsible for data entry and maintenance of Council's GIS or financial system.

10.1.4 ASSET CAPITALISATION PROCESS

The flowchart shown below in figure 5 represents the process to be followed by Quilpie Shire Council for the capitalisation of new/replacement assets.

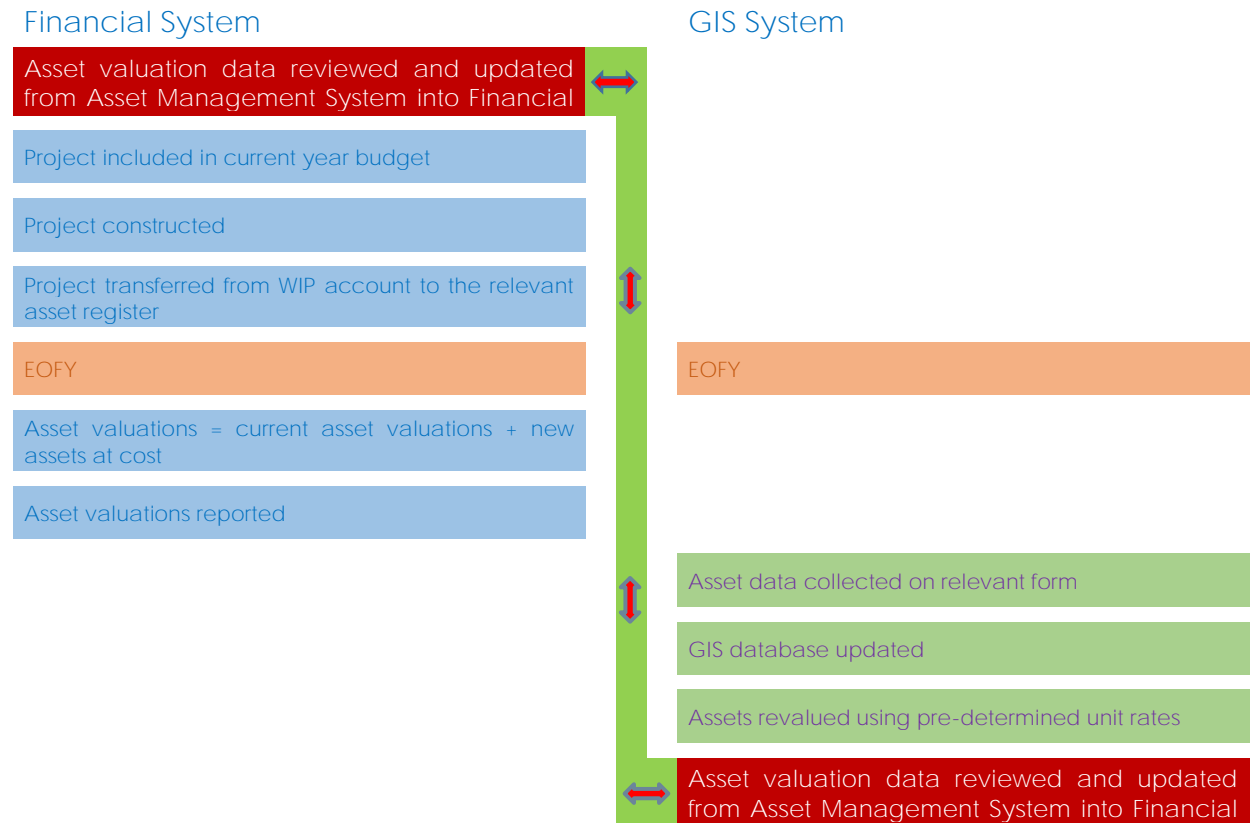


Figure 5 Sewerage Asset Capitalisation Flowchart

11 REFERENCES

- Quilpie Shire Council Corporate Plan 2017-2022 v2
- Quilpie Shire Council Operational Plan 2018-2019
- Quilpie Shire Council - Asset Management Strategy
- Quilpie Shire Council – Asset Management Policy
- Quilpie Shire Council – Asset Capitalisation Policy
- Quilpie Shire Council – Asset Disposal Policy
- Quilpie Shire Council – Customer Service Standard – Water Supply and Sewerage Schemes
- Quilpie Shire Council – Operations and Maintenance Procedures
- IPWEA, 'International Infrastructure Management Manual', Institute of Public Works Engineering Australia, Sydney, www.ipwea.org.au

12 APPENDICES

APPENDIX A – DEFINITIONS

Annual service cost (ASC)

An estimate of the cost that would be tendered, per annum, if tenders were called for the supply of a service to a performance specification for a fixed term. The Annual Service Cost includes operating, maintenance, depreciation, finance/ opportunity and disposal costs, less revenue.

Asset class

Grouping of assets of a similar nature and use in an entity's operations (AASB 166.37).

Asset condition assessment

The process of continuous or periodic inspection, assessment, measurement and interpretation of the resultant data to indicate the condition of a specific asset so as to determine the need for some preventative or remedial action.

Asset management

The combination of management, financial, economic, engineering and other practices applied to physical assets with the objective of providing the required level of service in the most cost effective manner.

Assets

Future economic benefits controlled by the entity as a result of past transactions or other past events (AAS27.12).

Property, plant and equipment including infrastructure and other assets (such as furniture and fittings) with benefits expected to last more than 12 month.

Average annual asset consumption (AAAC)*

The amount of a local government's asset base consumed during a year. This may be calculated by dividing the Depreciable Amount (DA) by the Useful Life and totalled for each and every asset OR by dividing the Fair Value (Depreciated Replacement Cost) by the Remaining Life and totalled for each and every asset in an asset category or class.

Brownfield asset values**

Asset (re)valuation values based on the cost to replace the asset including demolition and restoration costs.

Capital expansion expenditure

Expenditure that extends an existing asset, at the same standard as is currently enjoyed by residents, to a new group of users. It is discretionary expenditure, which increases future **operating, and maintenance costs, because it increases council's asset base**, but may be associated with additional revenue from the new user group, eg. extending a drainage or road network, the provision of an oval or park in a new suburb for new residents.

Capital expenditure

Relatively large (material) expenditure, which has benefits, expected to last for more than 12 months. Capital expenditure includes renewal, expansion and upgrade. Where capital

projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Capital funding

Funding to pay for capital expenditure.

Capital grants

Monies received generally tied to the specific projects for which they are granted, which are often upgrade and/or expansion or new investment proposals.

Capital investment expenditure

See capital expenditure definition

Capital new expenditure

Expenditure which creates a new asset providing a new service to the community that did not exist beforehand. As it increases service potential it may impact revenue and will increase future operating and maintenance expenditure.

Capital renewal expenditure

Expenditure on an existing asset, which returns the service potential or the life of the asset up to that which it had originally. It is periodically required expenditure, relatively large (material) in value compared with the value of the components or sub-components of the asset being renewed. As it reinstates existing service potential, it has no impact on revenue, but may reduce future operating and maintenance expenditure if completed at the optimum time, e.g. resurfacing or resheeting a material part of a road network, replacing a material section of a drainage network with pipes of the same capacity, resurfacing an oval. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Capital upgrade expenditure

Expenditure, which enhances an existing asset to provide a higher level of service or expenditure that will increase the life of the asset beyond that which it had originally. Upgrade expenditure is discretionary and often does not result in additional revenue unless direct user charges apply. It will increase operating and maintenance expenditure in the future because of **the increase in the council's asset base**, e.g. widening the sealed area of an existing road, replacing drainage pipes with pipes of a greater capacity, enlarging a grandstand at a sporting facility. Where capital projects involve a combination of renewal, expansion and/or upgrade expenditures, the total project cost needs to be allocated accordingly.

Carrying amount

The amount at which an asset is recognised after deducting any accumulated depreciation / amortisation and accumulated impairment losses thereon.

Class of assets

See asset class definition

Component

An individual part of an asset which contributes to the composition of the whole and can be separated from or attached to an asset or a system.

Cost of an asset

The amount of cash or cash equivalents paid or the fair value of the consideration given to acquire an asset at the time of its acquisition or construction, plus any costs necessary to place the asset into service. This includes one-off design and project management costs.

Current replacement cost (CRC)

The cost the entity would incur to acquire the asset on the reporting date. The cost is measured by reference to the lowest cost at which the gross future economic benefits could be obtained in the normal course of business or the minimum it would cost, to replace the existing asset with a technologically modern equivalent new asset (not a second hand one) with the same economic benefits (gross service potential) allowing for any differences in the quantity and quality of output and in operating costs.

Current replacement cost "As New" (CRC)

The current cost of replacing the original service potential of an existing asset, with a similar modern equivalent asset, i.e. the total cost of replacing an existing asset with an as NEW or similar asset expressed in current dollar values.

Cyclic Maintenance**

Replacement of higher value components/sub-components of assets that is undertaken on a regular cycle including repainting, building roof replacement, cycle, replacement of air conditioning equipment, etc. This work generally falls below the capital/ maintenance threshold and needs to be identified in a specific maintenance budget allocation.

Depreciable amount

The cost of an asset, or other amount substituted for its cost, less its residual value (AASB 116.6)

Depreciated replacement cost (DRC)

The current replacement cost (CRC) of an asset less, where applicable, accumulated depreciation calculated on the basis of such cost to reflect the already consumed or expired future economic benefits of the asset

Depreciation / amortisation

The systematic allocation of the depreciable amount (service potential) of an asset over its useful life.

Economic life

See useful life definition.

Expenditure

The spending of money on goods and services. Expenditure includes recurrent and capital.

Fair value

The amount for which an asset could be exchanged, or a liability settled, between knowledgeable, willing parties, in an arms length transaction.

Greenfield asset values **

Asset (re)valuation values based on the cost to initially acquire the asset.

Heritage asset

An asset with historic, artistic, scientific, technological, geographical or environmental qualities that is held and maintained principally for its contribution to knowledge and culture and this purpose is central to the objectives of the entity holding it.

Impairment Loss

The amount by which the carrying amount of an asset exceeds its recoverable amount.

Infrastructure assets

Physical assets of the entity or of another entity that contribute to meeting the public's need for access to major economic and social facilities and services, e.g. roads, drainage, footpaths and cycleways. These are typically large, interconnected networks or portfolios of composite assets. The components of these assets may be separately maintained, renewed or replaced individually so that the required level and standard of service from the network of assets is continuously sustained. Generally the components and hence the assets have long lives. They are fixed in place and are often have no market value.

Investment property

Property held to earn rentals or for capital appreciation or both, rather than for:

- (a) use in the production or supply of goods or services or for administrative purposes; or
- (b) sale in the ordinary course of business (AASB 140.5)

Level of service

The defined service quality for a particular service against which service performance may be measured. Service levels usually relate to quality, quantity, reliability, responsiveness, environmental, acceptability and cost).

Life Cycle Cost **

The life cycle cost (LCC) is average cost to provide the service over the longest asset life cycle. It comprises annual maintenance and asset consumption expense, represented by depreciation expense. The Life Cycle Cost does not indicate the funds required to provide the service in a particular year.

Life Cycle Expenditure **

The Life Cycle Expenditure (LCE) is the actual or planned annual maintenance and capital renewal expenditure incurred in providing the service in a particular year. Life Cycle Expenditure may be compared to Life Cycle Cost to give an initial indicator of life cycle sustainability.

Loans / borrowings

Loans result in funds being received which are then repaid over a period of time with interest (an additional cost). Their primary benefit is in 'spreading the burden' of capital expenditure over time. Although loans enable works to be completed sooner, they are only ultimately cost effective where the capital works funded (generally renewals) result in operating and maintenance cost savings, which are greater than the cost of the loan (interest and charges).

Maintenance and renewal gap

Difference between estimated budgets and projected expenditures for maintenance and renewal of assets, totalled over a defined time (e.g. 5, 10 and 15 years).

Maintenance and renewal sustainability index

Ratio of estimated budget to projected expenditure for maintenance and renewal of assets over a defined time (e.g. 5, 10 and 15 years).

Maintenance expenditure

Recurrent expenditure, which is periodically or regularly required as part of the anticipated schedule of works required to ensure that the asset achieves its useful life and provides the **required level of service**. It is expenditure, which was anticipated in determining the asset's useful life.

Materiality

An item is material if its omission or misstatement could influence the economic decisions of users taken on the basis of the financial report. Materiality depends on the size and nature of the omission or misstatement judged in the surrounding circumstances.

Modern equivalent asset.

A structure similar to an existing structure and having the equivalent productive capacity, which could be built using modern materials, techniques and design. Replacement cost is the basis used to estimate the cost of constructing a modern equivalent asset.

Non-revenue generating investments

Investments for the provision of goods and services to sustain or improve services to the community that are not expected to generate any savings or revenue to the Council, e.g. parks and playgrounds, footpaths, roads and bridges, libraries, etc.

Operating expenditure

Recurrent expenditure, which is continuously required excluding maintenance and depreciation, e.g. power, fuel, staff, plant equipment, on-costs and overheads.

Pavement management system

A systematic process for measuring and predicting the condition of road pavements and wearing surfaces over time and recommending corrective actions.

Planned Maintenance**

Repair work that is identified and managed through a maintenance management system (MMS). MMS activities include inspection, assessing the condition against failure/breakdown criteria/experience, prioritising scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.

PMS Score

A measure of condition of a road segment determined from a Pavement Management System.

Rate of annual asset consumption*

A measure of average annual consumption of assets (AAAC) expressed as a percentage of the depreciable amount (AAAC/DA). Depreciation may be used for AAAC.

Rate of annual asset renewal*

A measure of the rate at which assets are being renewed per annum expressed as a percentage of depreciable amount (capital renewal expenditure/DA).

Rate of annual asset upgrade*

A measure of the rate at which assets are being upgraded and expanded per annum expressed as a percentage of depreciable amount (capital upgrade/expansion expenditure/DA).

Reactive maintenance

Unplanned repair work that carried out in response to service requests and management/supervisory directions.

Recoverable amount

The higher of an asset's fair value, less costs to sell and its value in use.

Recurrent expenditure

Relatively small (immaterial) expenditure or that which has benefits expected to last less than 12 months. Recurrent expenditure includes operating and maintenance expenditure.

Recurrent funding

Funding to pay for recurrent expenditure.

Rehabilitation

See capital renewal expenditure definition above.

Remaining life

The time remaining until an asset ceases to provide the required service level or economic usefulness. Age plus remaining life is economic life.

Renewal

See capital renewal expenditure definition above.

Residual value

The net amount which an entity expects to obtain for an asset at the end of its useful life after deducting the expected costs of disposal.

Revenue generating investments

Investments for the provision of goods and services to sustain or improve services to the community that are expected to generate some savings or revenue to offset operating costs, e.g. public halls and theatres, childcare centres, sporting and recreation facilities, tourist information centres, etc.

Risk management

The application of a formal process to the range of possible values relating to key factors associated with a risk in order to determine the resultant ranges of outcomes and their probability of occurrence.

Section or segment

A self-contained part or piece of an infrastructure asset.

Service potential

The capacity to provide goods and services in accordance with the entity's objectives, whether those objectives are the generation of net cash inflows or the provision of goods and services of a particular volume and quantity to the beneficiaries thereof.

Service potential remaining*

A measure of the remaining life of assets expressed as a percentage of economic life. It is also a measure of the percentage of the asset's potential to provide services that is still available for use in providing services (DRC/DA).

Strategic Management Plan (SA)**

Documents Council objectives for a specified period (3-5 years), the principle activities to achieve the objectives, the means by which that will be carried out, estimated income and expenditure, measures to assess performance and how rating policy relates to the Council's objectives and activities.

Sub-component

Smaller individual parts that make up a component part.

Useful life

Either:

- (a) the period over which an asset is expected to be available for use by an entity, or
- (b) the number of production or similar units expected to be obtained from the asset by the entity.

It is estimated or expected time between placing the asset into service and removing it from service, or the estimated period of time over which the future economic benefits embodied in a depreciable asset, are expected to be consumed by the council. It is the same as the economic life.

Value in Use


The present value of estimated future cash flows expected to arise from the continuing use of an asset and from its disposal at the end of its useful life. It is deemed to be depreciated replacement cost (DRC) for those assets whose future economic benefits are not primarily dependent on the asset's ability to generate new cash flows, where if deprived of the asset its future economic benefits would be replaced.

Source: DVC 2006, Glossary

Note 1: Items shown * modified to use DA instead of CRC

Note 2: Additional glossary items shown **

APPENDIX B – ASSET DATA CAPTURE FORMS

Asset Form #4.1 - Sewer Structures Inspection Form			
MGA 94 Zone: 54: <input type="checkbox"/> 55: <input type="checkbox"/>	Collected By:	Date:	
GIS_ID	New: <input type="checkbox"/> Existing: seSTR _____	New: <input type="checkbox"/> Existing: seSTR _____	New: <input type="checkbox"/> Existing: seSTR _____
MGA_94_Easting			
MGA_94_Northing			
Surface_Level_m	m	m	m
Invert_Level_m	m	m	m
Survey_Status	Fixed: <input type="checkbox"/> Floating: <input type="checkbox"/> Other: <input type="checkbox"/>	Fixed: <input type="checkbox"/> Floating: <input type="checkbox"/> Other: <input type="checkbox"/>	Fixed: <input type="checkbox"/> Floating: <input type="checkbox"/> Other: <input type="checkbox"/>
Asset_Sub_Class	Manhole: <input type="checkbox"/> Pump Station: <input type="checkbox"/> Other: <input type="checkbox"/>	Manhole: <input type="checkbox"/> Pump Station: <input type="checkbox"/> Other: <input type="checkbox"/>	Manhole: <input type="checkbox"/> Pump Station: <input type="checkbox"/> Other: <input type="checkbox"/>
Chamber_Material	Precast: <input type="checkbox"/> Insitu: <input type="checkbox"/> Unknown: <input type="checkbox"/>	Precast: <input type="checkbox"/> Insitu: <input type="checkbox"/> Unknown: <input type="checkbox"/>	Precast: <input type="checkbox"/> Insitu: <input type="checkbox"/> Unknown: <input type="checkbox"/>
Chamber_Shape	Circle: <input type="checkbox"/> Square: <input type="checkbox"/> Rectangle: <input type="checkbox"/> Other: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Circle: <input type="checkbox"/> Square: <input type="checkbox"/> Rectangle: <input type="checkbox"/> Other: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Circle: <input type="checkbox"/> Square: <input type="checkbox"/> Rectangle: <input type="checkbox"/> Other: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>
Chamber_Dimensions_m	m	m	m
Depth_m	m	m	m
MH_Lid_Shape	Cir: <input type="checkbox"/> Squ: <input type="checkbox"/> Rec: <input type="checkbox"/> Other: <input type="checkbox"/> NA: <input type="checkbox"/>	Cir: <input type="checkbox"/> Squ: <input type="checkbox"/> Rec: <input type="checkbox"/> Other: <input type="checkbox"/> NA: <input type="checkbox"/>	Cir: <input type="checkbox"/> Squ: <input type="checkbox"/> Rec: <input type="checkbox"/> Other: <input type="checkbox"/> NA: <input type="checkbox"/>
MH_Lid_Type	Concrete: <input type="checkbox"/> Cast Iron: <input type="checkbox"/> Other: <input type="checkbox"/> Galvanised Steel: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Concrete: <input type="checkbox"/> Cast Iron: <input type="checkbox"/> Other: <input type="checkbox"/> Galvanised Steel: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>	Concrete: <input type="checkbox"/> Cast Iron: <input type="checkbox"/> Other: <input type="checkbox"/> Galvanised Steel: <input type="checkbox"/> UNK: <input type="checkbox"/> NA: <input type="checkbox"/>
PUMP_Type	Submersible Centrifugal: <input type="checkbox"/> Other: <input type="checkbox"/> Macerator: <input type="checkbox"/> Unknown: <input type="checkbox"/> NA: <input type="checkbox"/>	Submersible Centrifugal: <input type="checkbox"/> Other: <input type="checkbox"/> Macerator: <input type="checkbox"/> Unknown: <input type="checkbox"/> NA: <input type="checkbox"/>	Submersible Centrifugal: <input type="checkbox"/> Other: <input type="checkbox"/> Macerator: <input type="checkbox"/> Unknown: <input type="checkbox"/> NA: <input type="checkbox"/>
PUMP_Manufacturer			
PUMP_Model			
PUMP_Motor_Power			
PUMP_Size			
PUMP_Last_Service_Date			
PUMP_Maintenance_Schedule			
Structural_Condition	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>
Serviceability_Condition	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>	1: <input type="checkbox"/> 2: <input type="checkbox"/> 3: <input type="checkbox"/> 4: <input type="checkbox"/> 5: <input type="checkbox"/> 0: <input type="checkbox"/>
Distress_Mode_1			
Comments_1			
Distress_Mode_2			
Comments_2			
Distress_Mode_3			
Comments_3			
Remarks			
Year_Constructed			
Photo_Reference			
Notes:	For Manhole or Pump Station rows when not appropriate record NA If any "Other" selected or irregularities record in comments Only tick one box whichever is the most appropriate		
Distress Modes			
None	Surface Damage	Debris	Lid Defects
N/A	Corrosion	Vermin	Corrosion
Unknown	Breaking	Opening/Lid Defects	Blockage
Cracking	Deformation	Step Iron Defects	
Fracturing	Siltation	Backstone	

APPENDIX C – PROJECTED 10 YEAR CAPITAL (RENEWAL) PROGRAM

Table 18 Projected 10 Year Capital (Renewal) Program

Year	Mains	Buildings and Structures	Electrical and Mechanical	TOTAL
2018/19	-	235,000	-	235,000
2019/20	-	-	20,000	20,000
2020/21	-	-	20,000	20,000
2021/22	-	-	20,000	20,000
2022/23	-	-	20,000	20,000
2023/24	-	-	20,000	20,000
2024/25	-	-	20,000	20,000
2025/26	-	-	20,000	20,000
2026/27	-	800,000	20,000	820,000
2027/28	-	800,000	20,000	820,000

APPENDIX D – PROJECTED 10 YEAR CAPITAL (NEW/UPGRADE) PROGRAM






Table 19 Projected 10 Year Capital (New/Upgrade) Program

Location	Project Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
		(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
		2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28
Quilpie	Raise Sewer Manholes		50,000								
Quilpie	STP Replace with Packaged Plant (Upgrade portion of total project)									800,000	800,000

APPENDIX E – MAPS: QUILPIE SHIRE COUNCIL SEWERAGE SCHEMES



Legend

-  Sewage Pump Station
-  Access Chamber
-  Sewer Gravity Main
-  Sewer Rising Main
-  Property Boundaries



31 Glasser Street
Goondiwindi QLD 4390
Phone: (07) 4671 5702
Fax: (07) 4671 5701

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Agenda - Ordinary Meeting of Council Friday 15 February 2019



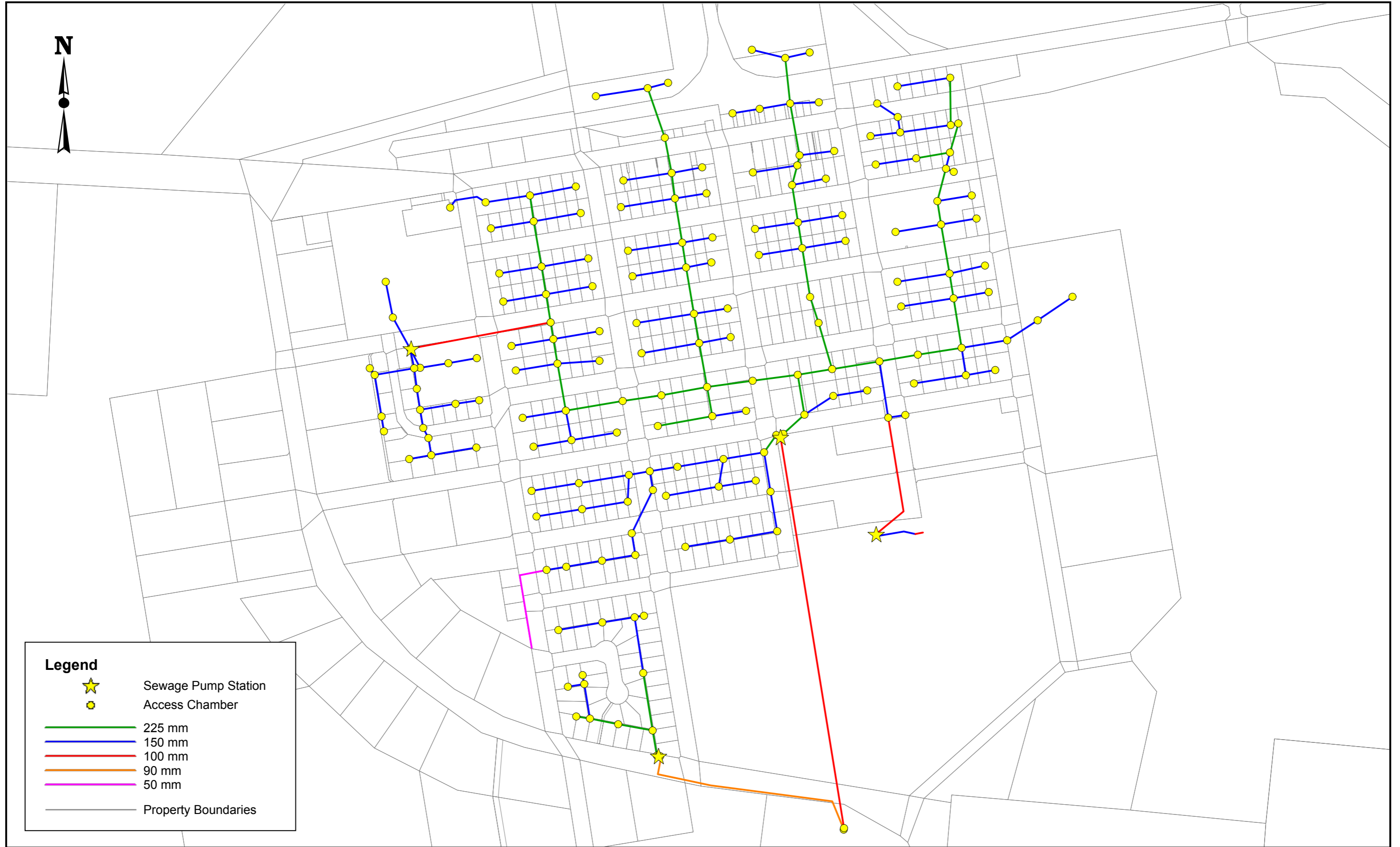
kilometres
Scale 1:6,250











**QUIPLIE SHIRE COUNCIL
SEWERAGE SCHEME
QUILPIE TOWNSHIP**

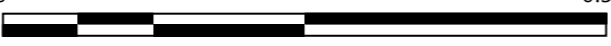
Geocentric Datum of Australia 1994 (GDA94)



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Legend

-  Sewage Pump Station
-  Access Chamber
-  225 mm
-  150 mm
-  100 mm
-  90 mm
-  50 mm
-  Property Boundaries

0  0.5
kilometres
Scale 1:6,250



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Phone: (07) 4671 5702
Fax: (07) 4671 5701

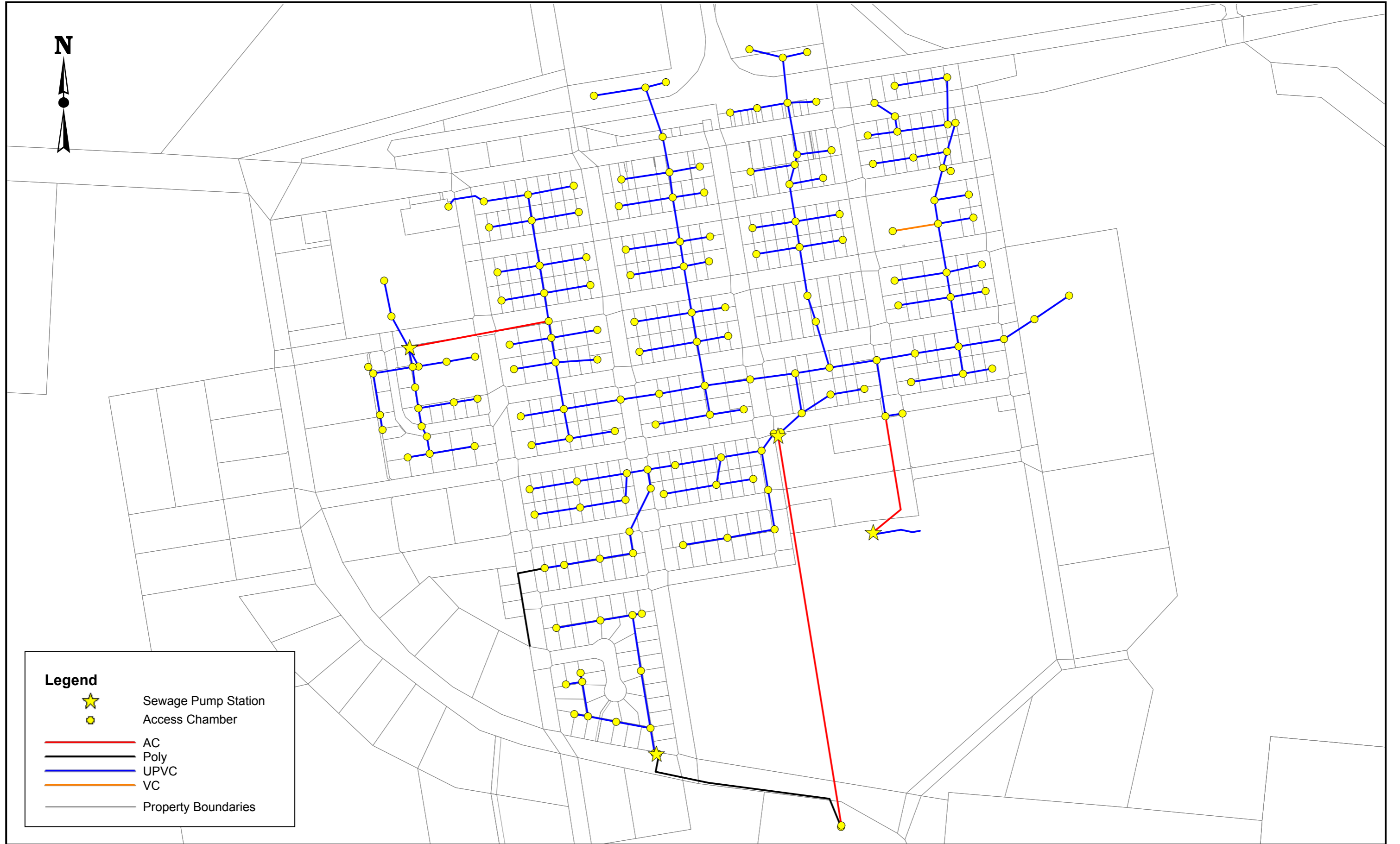
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**QUIPLIE SHIRE COUNCIL
SEWERAGE SCHEME
QUIPLIE TOWNSHIP
SEWER MAIN BY DIAEMTER**


Geocentric Datum of Australia 1994 (GDA94)



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Legend

-  Sewage Pump Station
-  Access Chamber
-  AC
-  Poly
-  UPVC
-  VC
-  Property Boundaries

0  0.5
kilometres
Scale 1:6,250



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**QUIPLIE SHIRE COUNCIL
SEWERAGE SCHEME
QUILPIE TOWNSHIP
SEWER MAIN BY MATERIAL**

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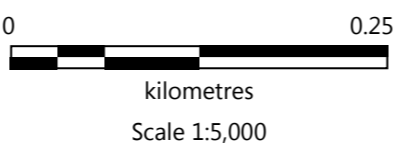


Legend

-  Sewage Pump Station
-  Access Chamber
-  Sewer Gravity Main
-  Sewer Rising Main
-  Property Boundaries



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**QUIPLIE SHIRE COUNCIL
SEWERAGE SCHEME
EROMANGA TOWNSHIP**

Geocentric Datum of Australia 1994 (GDA94)



Legend

-  Sewage Pump Station
-  Access Chamber
-  225 mm
-  150 mm
-  100 mm
-  90 mm
-  50 mm
-  Property Boundaries



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Agenda - Ordinary Meeting of Council Friday 15 February 2019



kilometres
Scale 1:5,000










**QUILPIE SHIRE COUNCIL
SEWERAGE SCHEME
EROMANGA TOWNSHIP
SEWER MAIN BY DIAEMTER**

Geocentric Datum of Australia 1994 (GDA94)

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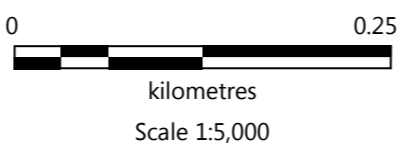


Legend

-  Sewage Pump Station
-  Access Chamber
-  AC
-  Poly
-  UPVC
-  VC
-  Property Boundaries



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**QUIPLIE SHIRE COUNCIL
 SEWERAGE SCHEME
 EROMANGA TOWNSHIP
 SEWER MAIN BY MATERIAL**

Geocentric Datum of Australia 1994 (GDA94)

Strategic Decision Report

Governance

14.2 (02/19) – Application for Mining Claim No 300229

IX: 174189

Author: Building, Environmental and Planning Officer, Jamie Wensley

PURPOSE:

The purpose of this report is to allow Council to provide their views to the Department of Natural Resources and Mines (DNRM) Mines Lodgment Office unit on a Mining Claim Application Certificate for Mining Claim No. 300229.

POLICY/LEGISLATION:

Mineral Resources Act 1989

CORPORATE PLAN:

Not applicable

RECOMMENDATION:

That Council offers no objection to the Mining Claim Certificate for Mining Claim No.300229

BACKGROUND:

The locality of the Mining Claim is North West of Quilpie QLD. The applicant has no outstanding rate balances. A compensation agreement is required with the landholder.

DISCUSSION:

By mail received 15 January 2019, Council were provided the opportunity to object to the application for a mining claim. Relevant details are:

Applicant: Mr Brenden Gray
Purpose: Opal mining
Location: Bunginderry Station
Area: 16Ha
Access: Pinkilla road

FINANCIAL:

Not applicable

CONSULTATION:

No consultation has been undertaken. Council is not the landholder. The applicant will advise the landholder.

ATTACHMENTS:

Not applicable

Strategic Decision Report

Governance

14.3 (02/19) – Application for Mining Claim No 300189

IX: 174365

Author: Building, Environmental and Planning Officer, Jamie Wensley

PURPOSE:

The purpose of this report is to allow Council to provide their views to the Department of Natural Resources and Mines (DNRM) Mines Lodgment Office unit on a Mining Claim Application Certificate for Mining Claim No. 300189.

POLICY/LEGISLATION:

Mineral Resources Act 1989

CORPORATE PLAN:

Not applicable

RECOMMENDATION:

That Council offers no objection to the Mining Claim Certificate for Mining Claim No.300189.

BACKGROUND:

The locality of the Mining Claim is North West of Eromanga QLD. The applicant has no outstanding rate balances. A compensation agreement is required with the landholder.

DISCUSSION:

By mail received 15 January 2019, Council were provided the opportunity to object to the application for a mining claim. Relevant details are:

Applicant: Mr Peter Gray
Purpose: Gem mining
Location: Keeroongooloo Station
Area: 8 Ha
Access: Kyabra & Harkaway Stations

FINANCIAL:

Not applicable

CONSULTATION:

No consultation has been undertaken. Council is not the landholder. The applicant will advise the landholder.

ATTACHMENTS:

Application for Mining Claim No 300189

WORLDMIN PTY LTD

PO Box 770
KENSINGTON NSW 1465
AUSTRALIA

Ph. M) 0418 25 2424
Email; virginopals@gmail.com

ABN 16 617 303 278

14 January 2019

The Manager
Quilpie Shire Council
50 Brolga Street,
QUILPIE QLD 4480

Dear Sir,,

Re; Mining Claim Application MC300189 Worldmin Pty Ltd –
Apartment Enterprises Pty Ltd

Please find enclosed compliance documents for your attention relating to the abovementioned mining claim application.

If you have any problem with the documents please do not hesitate to contact.

Thanking you,



Mr Peter Gray
0418 252424

QUILPIE SHIRE COUNCIL		
21 JAN 2019		
	ACTION	INFO
MAYOR	<input type="checkbox"/>	<input type="checkbox"/>
CRS	<input type="checkbox"/>	<input type="checkbox"/>
CEO	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Managers -		
Corporate	<input type="checkbox"/>	<input type="checkbox"/>
Community	<input type="checkbox"/>	<input type="checkbox"/>
Engineering	<input type="checkbox"/>	<input type="checkbox"/>
Finance	<input checked="" type="checkbox"/>	<input type="checkbox"/>
BEPO	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>

Permit Application (ID: 10004411) - COMPLETE

Lodged On: 15/12/2017 12:00 PM

PERMIT DETAILS

Permit name:	Gem
Permit type:	Mining Claim
Permit term:	10 Years
General locality of the application:	40K North West Eromanga
Specific minerals:	Opal

PERMIT HOLDER DETAILS

Client name	Percent holding	Authorised
APARTMENT ENTERPRISES PTY LIMITED	5.000000000000	No
WORLDMIN PTY LTD	95.000000000000	Yes

Holder address details:

Holder:	WORLDMIN PTY LTD	Address:	PO Box 770
ACN:	617303278	Town/City:	Kensington
Email address:		State:	NSW
Business number:		Postcode:	1465
Mobile number:		Country:	Australia

Holder:	APARTMENT ENTERPRISES PTY LIMITED	Address:	PO Box 770
ACN:	096433706	Town/City:	Kensington
Email address:		State:	NSW
Business number:		Postcode:	1465
Mobile number:		Country:	Australia

Authorised Holder Representative (AHR) address details:

Name:	Peter Gray	Address:	PO Box 770
		Town/City:	Kensington
Email address:	worldmin8@gmail.com	State:	NSW
Business number:	0499715615	Postcode:	1465
Mobile number:		Country:	Australia

PERMIT AREA

Size of area applied for (ha):	8.0100
Mining district(s):	Quilpie
Local government area(s):	Quilpie Shire Council
Has a datum post been inserted?	Yes
Datum post standard used:	GDA94
Provide coordinates for the datum post:	26 21' 14.1" 142 53' 38.7"
When was the land marked out?	08/12/2017
Provide width of access (m):	4.50
Provide any relevant information about access including start and end points:	Commencement point; 26 24' 38.53" 143 08' 30.20" Turn off on Kyabra Road End point; 26 21' 14.10" 142 53' 38.70" End at Datum Peg
Is the area applied for rectangular in shape?	No

LAND INFORMATION DETAILS

Does this application involve the surrender of a granted permit in favour of whole or part of this application?	No		
Is there any restricted land associated with this permit application?	No		
Is the lease area within the surface of reserve?	No		
Is the land entirely unallocated state land and/or permit to occupy?	No		
Overlapping permits			
Permit type	Permit number	Authorised holder	Expiry date
EPM	26262	APARTMENT ENTERPRISES PTY LIMITED	05/10/2020
Land details			
Description	Proposed usage	Current usage	Compensation required?
Lot 439 on plan SP231072 - Pastoral holding Par Keeroongooloo	Permit	Grazing	Yes
Lot 8 on plan WLA17 - Pastoral holding Par Harkaway	Access	Grazing	Yes
Lot 2 on plan KB8 - Pastoral holding Par Kyabra	Access	Grazing	Yes

ENVIRONMENTAL AUTHORITY

By selecting this application type you are acknowledging that an environmental authority application will not be sought, the permit area for this application does not exceed 4 sub-blocks and that the activities proposed for this permit application comply with the criteria as set out in the relevant schedule in the Environmental Protection Regulation 2008 for exploration permits.

The environmental authority application is: This permit application complies with the Small Scale mining activities criteria set out in the relevant schedule in the Environmental Protection Regulation 2008 for exploration permits and mining claims

NATIVE TITLE

Native title process:	Right to Negotiate
Overpayment refund method:	overpayment refunded by cheque

OBLIGATIONS

As the authorised holder representative, I understand and agree to the obligations associated with the permit: Yes

PAYMENT DETAILS

Fee type	Details	Amount (\$)
ADVREVBMC	Native title multiple advertisement	500.00
APPMC	Mining Claim	379.50
Total Fee:		879.50

UPLOADED DOCUMENTS

Section	File name	Uploaded by	Date uploaded
Acceptance assessment	MinesOnlineMaps generated map	WallMi	20/12/2017 12:19 PM
AHR	Letter of authority - AHR	worldmin8@gmail.com	13/12/2017 09:31 AM
Application	MMOL new permit application - 10004411	Administrator	15/12/2017 12:01 PM
Land availability	Land details	worldmin8@gmail.com	14/12/2017 09:05 PM
Native title	Right to negotiate submission	worldmin8@gmail.com	15/12/2017 11:53 AM
Permit area	Access area file	worldmin8@gmail.com	14/12/2017 08:59 PM
Permit area	Statement dealing permit location	worldmin8@gmail.com	14/12/2017 08:59 PM
Permit area	Statement detailing adjoining resource authorities and land parcel details	worldmin8@gmail.com	14/12/2017 08:58 PM
Permit area	Map of boundaries and access	worldmin8@gmail.com	14/12/2017 08:58 PM
Permit area	Area file	worldmin8@gmail.com	14/12/2017 08:58 PM
Permit area	Statement justifying the area	worldmin8@gmail.com	14/12/2017 08:58 PM
Permit area	Graphic representation of area	worldmin8@gmail.com	14/12/2017 08:59 PM
Work program	Proposed work program	worldmin8@gmail.com	15/12/2017 11:55 AM

OFFICE USE ONLY

Received AT: _____

Received BY: _____

DATE: _____

TIME: _____

FEE Paid: _____

RECEIPT no: _____

Disclaimer

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**Department of Natural Resources and Mines
Mining claim work program template v4**

Mining claim number

Description of mining operations

1. Work program to support

- | | | | |
|---------------------------------------|-------------------------------------|---------------------------------|--------------------------|
| Conversion of ML to MC | <input type="checkbox"/> | Mining claim in restricted area | <input type="checkbox"/> |
| Prescribed mining claim application | <input checked="" type="checkbox"/> | Renewal of mining claim | <input type="checkbox"/> |
| Other mining claim (hand mining only) | <input type="checkbox"/> | | |

2. Mineral to be mined

- | | | | |
|-----------|-------------------------------------|------------------|--------------------------|
| Opal | <input checked="" type="checkbox"/> | Precious stones | <input type="checkbox"/> |
| Gemstones | <input type="checkbox"/> | Other | <input type="checkbox"/> |
| Corundum | <input type="checkbox"/> | Specify mineral: | |

3. Methods

Mining will be carried out using the following method:

- Open cut (surface) Underground Open cut and underground

(Complete the necessary section below)

Open cut

The maximum size of the open cut will be: 30 m (long) x 10 m (wide) x 10 m (deep)

The area of disturbance will be:

- | | | | |
|--------------------|--------------------------|---------------------|-------------------------------------|
| Up to 0.1 hectares | <input type="checkbox"/> | 0.1 to 0.5 hectares | <input checked="" type="checkbox"/> |
| 0.5 to 1 hectares | <input type="checkbox"/> | 1 to 2 hectares | <input type="checkbox"/> |
| 2 to 5 hectares | <input type="checkbox"/> | 5 or more hectares | <input type="checkbox"/> |

The following mining equipment/machinery is proposed:

Bulldozer will be used to remove overburden and to rehabilitate and an excavator will be used to excavate the opal bearing level. Some small drilling equipment may also be used if hard ground is encountered.

Underground

(Note: Mining claims in Restricted Area 1, 25 and 77 are subject to conditions relating to access shafts. An access shaft must not have a diameter of more than 1m and be back-filled after the mining activity, for which the access shaft was used, ends. Also, no more than 3 access shafts may be open, at any time, on the mining claim land and an opened access shaft must be interconnected for ventilation and egress while the mining activity, for which the access shaft is used, is being carried on.)

Number of proposed:	0	(Note: a maximum of three (3) shafts may be open at any one time)	
Number of Existing Shafts:	0		
Dimensions of shaft(s):	1.	m (diameter) x	m (depth)
	2.	m (diameter) x	m (depth)
	3.	m (diameter) x	m (depth)
Drives will be dug at the following level(s):	1.		
	2.		
	3.		
The total surface area to be used for tailings, dumps, stockpiled ore and overburden is:	m ²		

Underground shafts will be ventilated using the following methods:
NA

The following equipment is proposed to be used for underground mining:
NA

4. Water storage

Note: your proposed water storage must comply with the environmental conditions attached to this permit, more information is available from EHP website.

Will you be constructing or erecting a water storage facility?		Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
If yes▶		(long) x (wide) x (deep)			
Type	Size	m	x	m	x
Type	Size	m	x	m	x
Type	Size	m	x	m	x

Type (e.g. Tanks, Excavation, Gully, Turkey's Nest) Note: types must be shown on sketch of claim at Question 10.

5. Previous workings/working on adjoining claims/leases

Does the claim area contain previous underground/open cut workings OR are there other claims/leases underground or open cut workings adjoining the boundaries of your claim?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If yes ▶ It is a requirement under the Mining and Quarrying Safety and Health Regulation 2001 that plans of the workings conducted on the mining claim during the current claim, as well as any prior or abandoned workings, must be maintained on the site (section 82). Provide a copy of these plans, in a format acceptable to the Department, with this work program.	

6. Quantity of ore and mineral

It is a requirement under the *Mineral Resources Act 1989* that a mining claim must contain workable quantities of mineral or ore. These questions assist in determining whether that is the case.

The percentage of the mining claim/lease that has been previously worked (by all holders over time) is:	20 %
The percentage of the mining claim that is intended to be worked over the next five (5) years is:	80 %
There are sufficient mineral or ore deposits in the mining claim to sustain bona-fide mining activities for the next:	10 years

7. Treatment of ore

Recovery of the mineral will be carried out using the following methods: Boulder opal occurs as veins in ironstone boulders that are situated in pink sandstone and easily indentified and are retrieved by hand. They are then assessed for value and either retrieved or discarded. There is no processing of the opal level and no water or chemicals used.
--

Separation of the ore will be carried out using the following methods: NA

The following chemicals will be used in the recovery of the ore: NA

Note: Your use of chemicals must comply with the environmental conditions attached to this permit, more information is available from the environmental regulator's website.

8. Electrical equipment

If you are using power for any purposes associated with your mining claim, you must ensure you comply with your safety responsibilities under the *Mining and Quarrying Safety and Health Act 1999*. Submission of the information in this section does not absolve you of your responsibilities under that Act.

The following electrical equipment will be used on the surface of the claim:
Nil

The following electrical equipment will be used underground:
NA

Power on the site will be obtained from:	Mains supply	<input type="checkbox"/>	Private generator	<input type="checkbox"/>
---	--------------	--------------------------	-------------------	--------------------------

Contact the Electrical Inspector of Mines for more advice.

9. Explosives

Note: Explosives may only be used where the mining claim permit **specifically authorises** their use. Refer to your certificate of grant to determine whether use is authorised.

Do you intend to use explosives?	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
If yes ▶ Before using explosives you are required to obtain authorisation in accordance with the provisions of the <i>Explosives Act 1999</i> and <i>Explosives Regulation 2003</i> . Contact the Explosives Inspectorate for more advice.				

10. Work commitment

I intend to work the following number of hours on actual mining for mineral or ore:	40	per week
(This must not include any time spent on building plant, maintenance, marketing (selling) the mineral, or other ancillary activities to actual mining).		

I will employ the following number of people to work on the surface and/or underground on the claim to assist in actual mining activity:	2 - 3	people
---	-------	--------

Mining will occur during the following months:							
January	<input type="checkbox"/>	April	<input checked="" type="checkbox"/>	July	<input checked="" type="checkbox"/>	October	<input checked="" type="checkbox"/>
February	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	August	<input checked="" type="checkbox"/>	November	<input checked="" type="checkbox"/>
March	<input checked="" type="checkbox"/>	June	<input checked="" type="checkbox"/>	September	<input checked="" type="checkbox"/>	December	<input checked="" type="checkbox"/>

11. Buildings/structures

The following buildings or structures are on the mining claim or will be erected on the claim:		
Building/structure (e.g. shed, carport, donga) (including dimensions)	Purpose (e.g. equipment lock-up, temporary accommodation)	Construction materials used (e.g. colorbond, metal posts, concrete footings)

Are any of the buildings/structures you listed above of a permanent nature?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
---	------------------------------	-----------------------------

Important note

Buildings/structures may be erected on the claim provided they are **temporary** in nature. Please refer to the **Mining claim handbook: general information** for more information on the types of buildings/structures that may be erected on a mining claim.

If the buildings and structures on the site have increased in size, or the construction materials have significantly increased in durability/permanence, additional security may be required to cover the costs of removal at the end of the tenure. If buildings/structures are considered to be permanent in nature, their removal or reduction to a more temporary nature may be required before an application will be approved.

12. Photo support

Provide photo evidence highlighting:			
Identify which of these items are applicable to your claim by marking the checkbox <input checked="" type="checkbox"/> .			
Note: Photo evidence should be date stamped.			
Posts/datum post or cairns	<input checked="" type="checkbox"/>	<i>PHOTOS</i> Tracks	<input type="checkbox"/>
Current workings	<input type="checkbox"/>	<i>ATTACHED</i> Abandoned workings	<input type="checkbox"/>
Water storage	<input type="checkbox"/>	Plant and equipment	<input type="checkbox"/>
Buildings or structures	<input type="checkbox"/>	Rehabilitated areas	<input type="checkbox"/>
Process dam	<input type="checkbox"/>	Other	<input type="checkbox"/>

13. Sketch of claim

Provide a scaled sketch of your claim.
 Note: A blank section has been provided for you, but you may provide the sketch as a separate attachment if preferred. An example of a sketch of claim is included in the **Mining claims handbook: general information**.

The sketch must clearly show the following.

Identify **existing** and **proposed** elements by using different colours, or labelling them 'existing' and 'proposed'. Identify which of these items are applicable to your claim by marking the checkbox .

Boundaries	<input type="checkbox"/>	Plant and equipment	<input type="checkbox"/>	Stockpile areas	<input type="checkbox"/>
Marker posts	<input checked="" type="checkbox"/>	Open cut areas	<input type="checkbox"/>	Vegetation	<input type="checkbox"/>
Tracks	<input checked="" type="checkbox"/>	Overburden areas	<input type="checkbox"/>	Water storage	<input type="checkbox"/>
Creeks or gullies	<input type="checkbox"/>	Shafts and tunnels	<input type="checkbox"/>	Process dams	<input type="checkbox"/>
Rehabilitated areas	<input type="checkbox"/>	Buildings or structures	<input type="checkbox"/>	Other CAMP	<input checked="" type="checkbox"/>

Note: If your claim is square in shape, these lines may be used as the boundaries of the claim. If your claim is not a square, you will need to draw the boundaries within the below box.

AS ATTACHED

A)

B)

14. Applicant's declaration

WARNING: Giving false or misleading information is a serious offence and can attract fines of up to \$40 000.

I confirm the following:

- I understand my obligations as a holder of a mining claim permit.
- I have truthfully declared all relevant details required on this form.
- If any part of this form has been completed with the assistance of another person, I declare that the information as set down is true and correct and has been included with my full knowledge, consent and understanding.

Signature 1:

Print name:

Signature 2:

Print name:

(if additional signatures, attach a separate piece of paper)

OFFICE USE ONLY: Assessing officer's declaration

I have undertaken an assessment of this work program. I confirm that it meets departmental and legislative requirements.

Name:

Position

Signature

Date:

7

LonDegree	LonMinute	LonSecond	LatDegrees	LatMinutes	LatSeconds
142	54	8.1	26	20	29.6
142	54	17	26	20	46.1
142	54	30.3	26	20	49.5
142	54	29.8	26	20	50.8
142	54	12.9	26	20	51.2
142	53	57.7	26	20	34.7



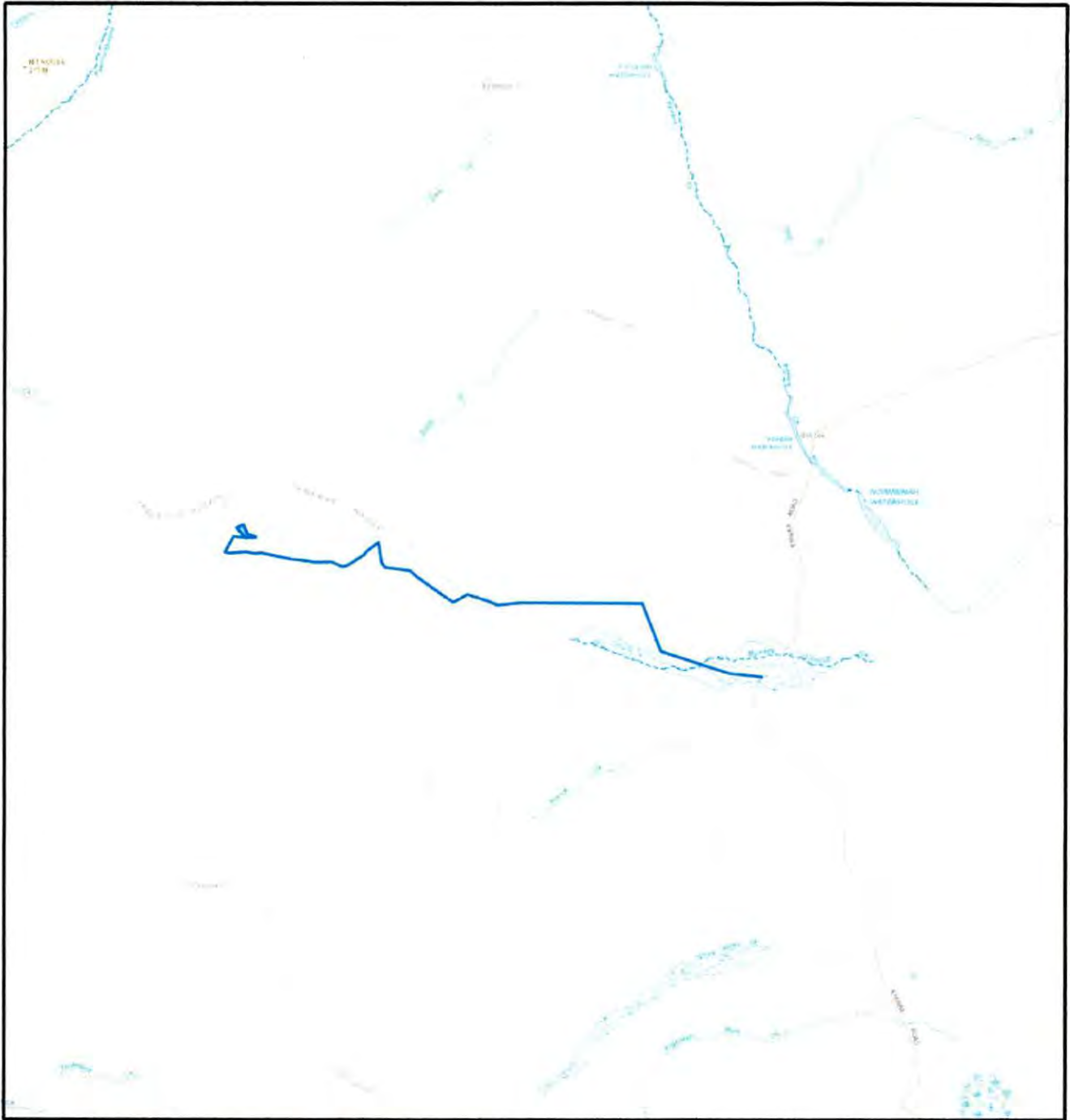
A handwritten signature or set of initials in blue ink, located in the bottom left corner of the page.

Justifying shape statement.

The shape and size of the application has been carefully selected after exhaustive analysis of all of our collated data on this area.

This includes aerial and satellite imagery interpretation performed by geologists with considerable experience with the Eromanga opal fields.

The collating and consideration of the historical record of opal mining in this area and adjoining areas with specialist advice from experienced miners who have considerable expertise and proven track record in this field. This combined with the input and advice from some of the preeminent Geologists that specialise in opal exploration has given us the conclusion that this shape and size effectively covers our projected targets and does not unnecessarily occupy ground that we believe to be unproductive.



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MC 300189 Resource authority public report

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Permit details

Permit ID:	MC 300189
Status:	Application
Lodged date:	15/12/2017
Grant date:	
Commencement date:	
Expiry date:	
Term sought:	10 years
Mining notice issued:	
Conditions:	
Locality:	40K North West Eromanga
Remarks:	
Act permit granted under:	
Act now administered under:	

Holders

Authorised holder representative (AHR)

GRAY, Peter
 PO Box 770 Kensington NSW 1465

Holders

Holder name	Share %	Status	Held from	Held to	Authorised holder
* WORLDMIN PTY LTD PO Box 770 Kensington NSW 1465	95.000000000000	Current	15/12/2017		Yes
* APARTMENT ENTERPRISES PTY LIMITED PO Box 770 Kensington NSW 1465	5.000000000000	Current	15/12/2017		No

Tenancy type: Sole Holder

▼ A r e a

Location:	View Map
Mining district:	Quilpie
Local authority:	Quilpie Shire Council
Area:	19.8700 Hectares
Exclusions:	
Marked out date:	08/12/2017

Sub-blocks
No data available

Background land

Land identifier	Land usage	Compensation required	Finalised
LOT 2 ON KB8 Kyabra	Access	Y	
LOT 439 ON SP231072 Keeroongooloo	Permit	Y	
LOT 8 ON WLA17	Access	Y	22/02/2018

Survey plans
No data available

Relinquishment details
No data available

Sub-blocks retained
No data available

▼ T e r m h i s t o r y

Term	Date notice issued	Date lodged	Date approved	Date commenced	Date term ends	Term	Act granted under
		15/12/2017					

▼ N a t i v e t i t l e

Current process	Description
Right to Negotiate	

▼ P u r p o s e a n d m i n e r a l s

Minerals
Opal

▼ R e l a t e d p e r m i t s

No data available

- F i n a n c i a l	
Rent details	
Area units:	20
Rate/unit area:	
- A c t i v i t i e s	
No data available	

14.4 (02/19) – Local Government Grants & Subsidies Program 2019/2021

IX: 174397

Author: Chief Executive Officer, Dave Burges

PURPOSE:

The purpose of this report is to provide an update to Council on the 2019-2021 Local Government Grants & Subsidies Program (LGGSP).

POLICY/LEGISLATION:

Not applicable.

CORPORATE PLAN:

2.2.1 Ensure Council's financial sustainability through responsible management and planning of finances and assets

2.2.3 Ensure Council's allocation of resources is responsible, efficient and sustainable

RECOMMENDATION:

That Council ratify the Local Government Grants and Subsidies Program application for the South West Regional Roads Group for funding the Regional Asset Management Strategy.

BACKGROUND:

Council resolved at the December 2018 meeting to apply for a new bore under the LGGSP program.

The South West Regional Roads & Transport Group (SWRRTG) have tasked the South West Regional Roads & Transport Group Technical Committee (SWRRTG TC) with advancing various asset management strategies.

As Technical Committee Chair I convened a forum in Charleville on 11 December 2018. Notes of that meeting are included as Attachment A.

DISCUSSION:

The application for a new bore has been lodged for a total estimated project cost of \$1,248,500.

The second project, namely a Regional Asset Management Strategy, is being lodged on behalf of the SWRRTG by Balonne Shire Council. Member Councils are:

- Maranoa Regional Council;
- Balonne Shire Council;
- Paroo Shire Council;
- Murweh Shire Council;
- Quilpie Shire Council; and
- Bulloo Shire Council.

The member councils of the SWRRTG have each had an Asset Maturity Assessment completed and in response have developed a Regional Asset Management Strategy. The Regional Asset Management Strategy aims to:

- Develop a strategy to achieve maximum efficiency through regional collaboration;
- Assist the SWRRTG councils to maintain and optimise the functional life of existing and future assets;
- Improve asset management skills through regional training, technology and knowledge transfer; and
- Utilise the SWRRTG network and regional planning to improve consistency and perpetuation of asset management implementation.

A full copy of the strategy document is provided as Attachment B.

FINANCIAL:

The group has elected to apply for 70% funding in lieu of the standard 60% based on all participating Councils being drought declared.

The cost to Council should be approximately \$42,200 based on the following:

Total cost of the project:	\$1,008,000
Ineligible costs:	\$88,000
Eligible costs:	\$920,000

A 10% contingency will be added to the above costs when submitted to the Department.

Council's cost for the entire strategy will be approximately ½ of the cost of the condition rating element alone if done separately at some time in the future.

CONSULTATION:

There has been considerable consultation across the member Councils. A final tele-conference was convened on 24 January to ensure all stakeholders were informed and agreeable to proceeding.

ATTACHMENTS:

Attachment A Initial Meeting Minutes

Attachment B Asset Management Strategy Document

Asset Management Forum

Murweh Shire Council

Charleville

Tuesday 11 December

Attendance

Dave Burges	Quilpie Shire	CEO
Arminda David	Quilpie Shire	Manager Finance
Peter van Esseveld	Paroo Shire	Asset Manager
Matthew Magin	Balonne Shire	CEO
Andrew Boardman	Balonne Shire	Manager Roads & Drainage
Michelle Clarke	Balonne Shire	Director Financial & Corporate Services
Lew Rojahn	Bulloo Shire	CEO
Brett Williams	Bulloo Shire	Manager Finance
Val Shannon	Bulloo Shire	Manager Operations
Neil Polglase	Murweh Shire	CEO
	Murweh Shire	Asset Engineer
Cameron Hoffmann (video-conference)	Maranoa RC	Manager Program & Contract Management
Cindy Irwin (video-conference)	Maranoa RC	Budget Coordination Officer

1. Introductions

All attendees provided a brief introduction

2. Overview

Dave Burges provided an overview of why we're here and work done to date

3. Status Snapshot

a. Bulloo Shire

Recent reval and reviewed data

Updated component data in Civica PCS

Want to review frequency of asset revaluations

No separate software

b. Balonne Shire

Starting to integrate between engineering and finance
Looking at depreciation with Dr John Sing??
Depreciation has reduced from \$12M to \$8M over three years
Useful life report from Graham Jordan

c. Maranoa Regional

Use Authority platform to record asset information
Have completed a full revaluation as at June 2018
Strengths – rural road network is well segmented
Urban street similar but not as thorough
Signage is not included in valuation as treated as immaterial
Working on capitalisation processes
Have adopted AMP for roads and streets
Big challenge is the size of the network and unit rates vary significantly

d. Murweh Shire

A bit ad-hoc in the past
Contracted Shepherd Services to do a Roads AMP which is complete. Water 7 Sewerage AMP is underway
Using Civica PCS for buildings and use APV each year to do valuations (desktop then full on-site inspections every 3 to 5 years). No specific AMP for buildings etc.
The Shepherd Services report indicated reseals were behind schedule
Use Arc-GIS

e. Paroo Shire

Mixed bag
Buildings up to date with data kept in Civica PCS
Road data is about 2 years old with the work done by Proterra and displayed in MapInfo
Utilities don't have much data and recent CCTV on sewerage system indicates some problems
BizeAsset is used but data is only partially in the system and it doesn't reconcile with Civica PCS
Inconsistencies in unit rates

f. Quilpie Shire

No specific asset management software but use MapInfo to map road, water sewerage and drainage assets
Use Civica PCS
Detailed road data from prior flood damage events is being input
Shepherd Services have been commissioned to assist in some short term initiatives including RACAS road condition assessments, water and sewerage assessments
Doing considerable work on our capitalisation processes including detailed procedures

Currently undertaking a full valuation on all assets

4. General discussion

Need to keep it fit-for-purpose

Need to capture two stories ie useful lives and service levels and then find the gap

Over complication issues trying to use very detailed componentisation exponentially increases costs with no commensurate benefit

Need to consider a bureau type service to manage the data and keep it current

Is there a baseline for data and compliance that we can meet and if anyone wants to progress further they can do that individually

We need to make sure we retain ownership and abrogate control to a consultant. An on-going working may help in this regard

Ownership of the system and data should remain with the council

5. Where to from here

Do we engage someone to do a feasibility study into a coordinated approach?

Lew used a big word!!!!

Do we get a larger Council (Toowoomba Regional and Western Downs Regional mentioned specifically) to come out and give us some advice?

If we want to take advantage of the 2019-21 LGGSP we will need to move very quickly

6. Summary of desired outcomes for a possible LGGSP project

“Regional Asset Management Implementation Program”

Baseline asset data agreed

All assets mapped, geocoded etc

Integration with council’s financial systems (Civica PCS and Authority)

Ability to produce an asset management plan / 10 year forward program

Bureau service data management and maintenance

Ownership of software and data remain with Council

Fit-for-purpose for rural/remote councils

Meet legislative compliance requirements

7. Immediate outcomes required

a. Information to guide the LGGSP application:

- **Situational summary or State of Play Report**, including:

1. Executive Summary - An executive summary of each Council’s asset management practices / processes (i.e. how, what’s completed internally, what’s completed externally);
2. Systems and Software - What systems and software does Council’s use in the asset management process? What other links are there with other parts of Council’s operations? (i.e. reflect, authority, GIS, Practical)

- Revaluation Process – typical comprehensive and desktop schedule; when last comprehensive completed; who by (internal or external); inputs used (RACAS etc).
 - Roadmap to achieve the above outcomes in item 6
 - Estimate of cost for the project
- b. Support for the grant application as required in late January 2019.

8. Short term outcomes required

- January 2019 to April 2019
- Develop a draft implementation plan, including:
 1. Mandate – details of initiative i.e. reference to the Mayor’s group;
 2. Objectives - overall initiative objectives aimed to be achieved. Some of these may not be achievable as the opportunities, value and complexities are considered;
 3. Staging Plan – outlining the key stages of the project, specific stage deliverables, constraints (i.e. can’t proceed onto Stage X unless additional funding is sourced) etc.
- Completion of a SWOT Analysis on the Asset Management Practices across the group. The information output from the SWOT analysis can be used in the future when considering the implementation phases.
- Review the State of Play and establish potential opportunities [compatible with the Project Plan objectives] that could be available to the group. This could include ones that are available now – and just need a coordinated approach to implement, or ones that may be available if further data is collected and/or processes coordinated across the group.
- Develop a Business Value Matrix / Complexity Matrix.
- Assess the potential opportunities against the Business Value / Complexity Matrix.
- Implement those opportunities that are “Low Hanging Fruit” – i.e. Low Cost / High Value.

DECISION POINT FOR ALL COUNCILS – PARTICIPATE OR NOT IN THE LGGSP PROJECT AND COMMIT TO FUNDING

9. Medium term outcomes required

- April 2019 onwards (separate to the LGGSP project)
- Detailed assessment of the opportunities outlining the quantum of potential value, cost of implementation, constraints, implications, risks etc. ie what can we achieve as a group outside of the LGGSP project?

10. Actions

- a. Dave Burges to send asset unit rate and asset useful life data to all members for them to review and indicate where they see these rates / lives going. Responses to be coordinated back through DB
- b. Cameron Hoffman, Michelle Clarke, Andrew Boardman and Dave Burges to form a working group to put together a project plan for the LGGSP application

Dave Burges to speak to Shepherd Services and Andrew Boardman to speak to Dr John Sing re item 7.



SHEPHERD SERVICES
Asset Management and GIS Specialists

Regional Asset Management Strategy

South West Regional Roads
and Transport Group

ASSET MANA



SHEPHERD SERVICES

Asset Management & GIS Specialists

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DOCUMENT CONTROL

Document ID: SWRRTG Regional Asset Management Strategy – December 2018

Rev No	Date	Revision Details	Typist	Author	Verifier	Approver
1	20/12/18	Draft for Discussion	SH	SH	SH	SH
2	21/12/18	Draft for Adoption	SH	SH	SH	SH
3	18/01/19	Includes Amendments from Balonne Shire Council	SH	SH	SH	SH

SHEPHERD SERVICES

1. INTRODUCTION

Assets deliver important services to communities. A key issue facing local governments throughout Australia is the management of ageing assets in need of renewal and replacement.

Infrastructure assets such as roads, drains, bridges, water and sewerage and public buildings present challenges. Their condition and longevity can be difficult to determine. Financing needs can be large, requiring planning for large peaks and troughs in expenditure for renewing and replacing such assets. The demand for new and improved services adds to the planning and financing complexity.

The creation of new assets also presents challenges in funding the ongoing operating and replacement costs necessary to provide the needed service over the assets' full life cycle.

The South West Regional Roads and Transport Group (SWRRTG) through regional collaboration have developed this Regional Asset Management Strategy to assist member councils to tackle the above-mentioned asset management issues on a united front. The Strategy intent is to assist member councils to strategically plan for their long-term financial sustainability, while delivering required community services at an affordable cost.

2. BACKGROUND

The SWRRTG is made up by the following member councils:

- Balonne Shire Council;
- Bulloo Shire Council;
- Maranoa Regional Council;
- Murweh Shire Council;
- Paroo Shire Council; and
- Quilpie Shire Council.

The total combined asset value for the SWRRTG is \$2,556,163,000, with the transport asset class being by far the largest asset class for each Council with a combined total road length of 18,257kms.

With such a large asset value and a limited rating base to fund asset renewals, efficient and effective Asset Management is extremely important to member councils to ensure their financial sustainability.

3. REGIONAL STRATEGY OBJECTIVES

To ensure the long-term financial sustainability of SWRRTG member councils, it is essential to balance the community's expectations for services with their ability to pay for the infrastructure assets used to provide these services.

Maintenance of service levels for infrastructure services requires appropriate investment over the whole of the asset life cycle. To assist in achieving this balance, SWRRTG aspires through regional collaboration to develop and maintain asset management governance, skills, processes, systems and data in order to provide the level of service local communities need now and in the future, in the most cost-effective and fit for purpose manner.

In summary, the objectives of the SWRRTG Regional Asset Management Strategy are to:

- To develop a strategy to achieve maximum efficiency through regional collaboration to implement practical and beneficial asset management to ensure the long-term financial sustainability of SWRRTG Councils;
- To assist SWRRTG Councils to maintain and optimise the functional life of existing and future infrastructure assets through implementation of sustainable asset management in a regional cost-effective approach;
- Improve Asset Management skills through regional training, technology and knowledge transfer; and
- Utilisation of the SWRRTG network and regional planning to improve the consistency and perpetuation of asset management implementation throughout the member councils.

4. SWRRTG ASSET MANAGEMENT MATURITY REVIEW

4.1. Review Background

To assist in developing a Regional Strategy, an Asset Management Maturity Review was carried out on each individual member Council, by an Asset Management Specialist engaged by the SWRRTG. The maturity assessment was conducted on each councils' operation against the National Asset Management Assessment Framework (NAMAF), with each Council receiving an individual report.

4.2. Review Methodology

As the majority of SWRRTG Councils are National Asset Management Strategy (NAMS) members, the IPWEA NAMS.PLUS Maturity Model methodology was utilised to carry out the reviews.

The Asset Maturity Model is designed in accordance with the National Assessment Framework (NAF) developed to assist local governments across Australia to determine progress in implementing the Local Government and Planning Ministers' Council Local Government Financial Sustainability Nationally Consistent Frameworks (LGPMC Financial Sustainability Frameworks).

The NAMS.PLUS Maturity Assessment uses a series of questions that have been developed around asset management maturity competencies, linked to the eleven key elements of the LGPMC Financial Sustainability Frameworks. The eleven elements are:

1. Strategic longer-term plan;
2. Budget;
3. Annual report;
4. Asset management policy;
5. Asset management strategy;
6. Asset management plans;
7. Governances and management;
8. Defining levels of service;
9. Data and systems;
10. Skills and processes; and
11. Evaluation.

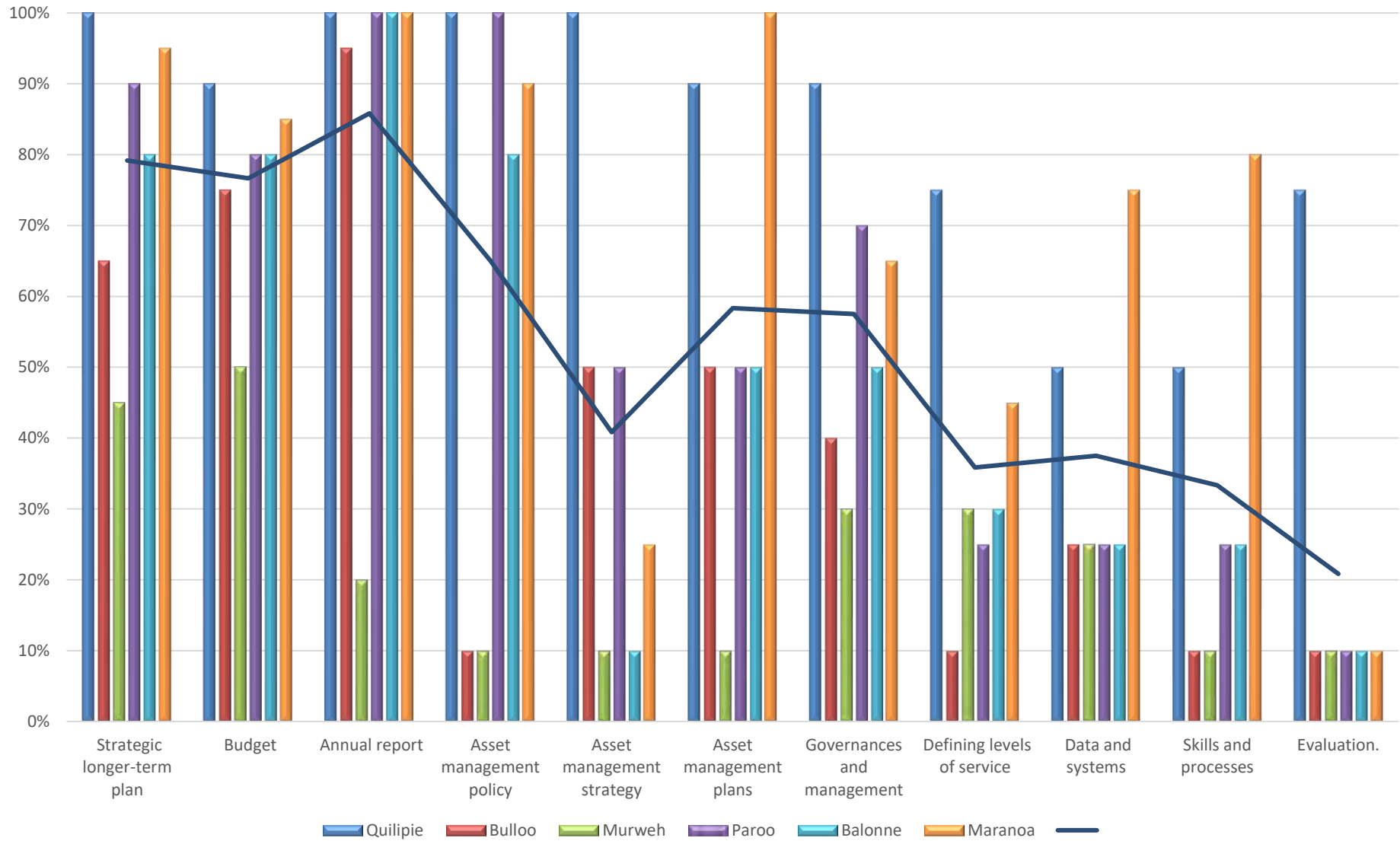
4.3. Review Results

A summary of the results obtained is displayed in the Asset Maturity Assessment Chart shown on the following page and is benchmarked against the South West Regional Roads and Transport Group (SWRRTG) average.

Chart 1, on the following page, shows that the majority of member councils are performing well in the Financial Planning and Reporting elements of Corporate Strategic Plans, Budget and Annual Reporting. However, in the core Asset Planning and Management elements, the majority of councils are performing poorly, especially in the elements of Defining Levels of Service, Data and Systems, Skills and Processes and Evaluation.

The results of the maturity assessment establish a baseline of performance for the SWRRTG Councils and can be utilised as a tool to measure improvements in the future.

Chart 1: SWRRTG Asset Maturity Assessment



5. INFRASTRUCTURE ASSET VALUATION UNIT RATES AND USEFUL LIVES

A review was also carried out on the Infrastructure Asset Unit Rates and Useful Lives used for each councils' latest comprehensive valuation.

The results are displayed in Charts 2 and 3 on the following pages, as can be seen there is a substantial range for some of the asset types.

Chart 2: SWRRTG Valuation Unit Rates Review

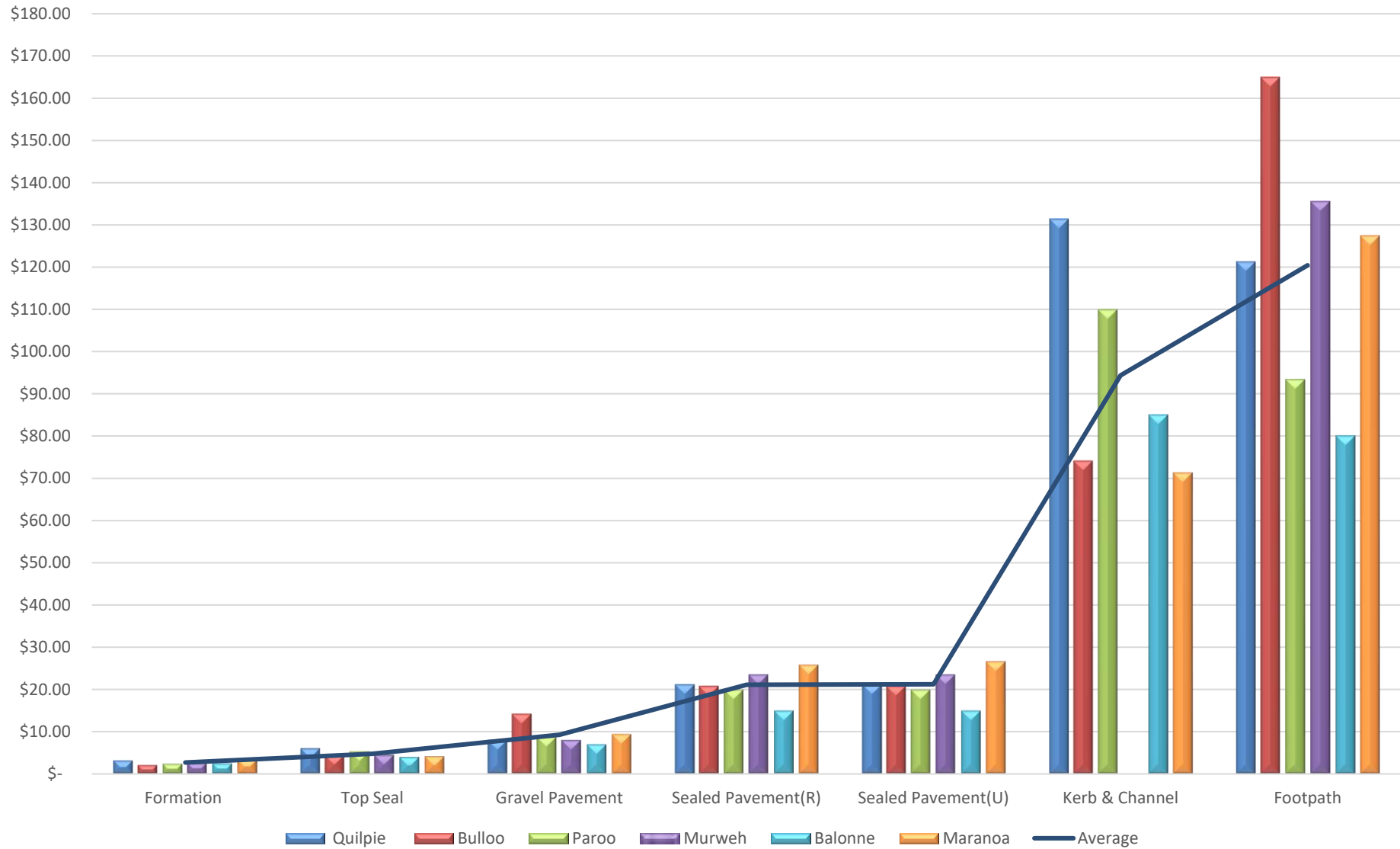
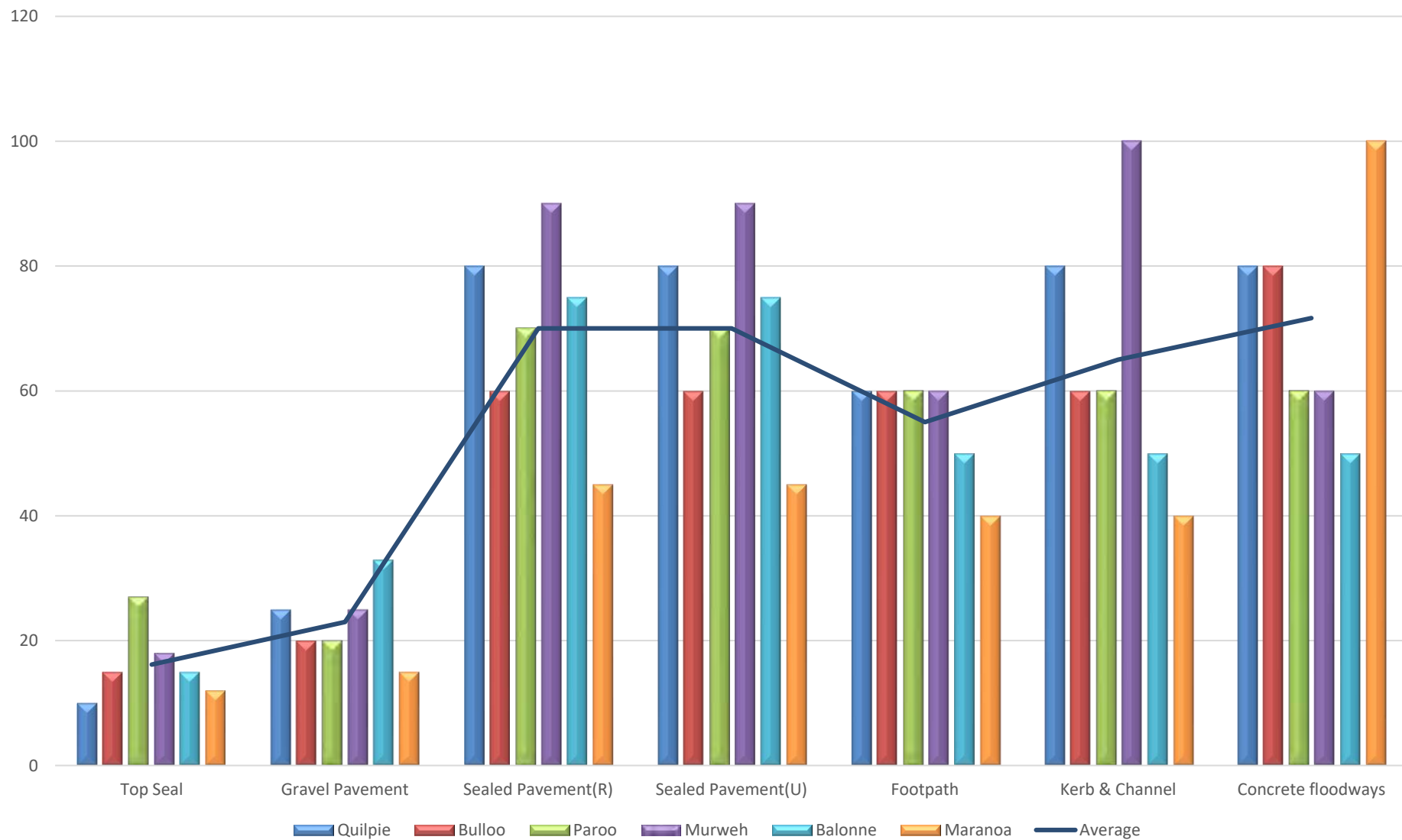


Chart 3: SWRRTG Valuation Useful Life Review



6. IDENTIFIED REGIONAL ISSUES

The following is a summary of issues identified by the SWRRTG Technical Committee when workshopping the outcomes of the individual maturity assessments for regional commonalities and discussing opportunities for regional collaboration.

Potential solutions to the identified issues have also been summarised.

6.1 GIS and Mapping Skills Shortage

Issue Summary

The collection of asset attribute data and inputting into a GIS system is an essential part of any Asset Management system. One of the many benefits of Asset Management is being able to query and view asset data in mapping formats. The Maturity Assessment identified that the majority of councils have very limited GIS capability, due to the inability to attract required skills or fund a full-time GIS specialist.

SWRRTG Councils would benefit from access to not only a GIS system and specialist, but also an Asset Management system that may add value to member councils with an established GIS system.

Potential Solutions

Potential solutions are:

- That one of the member councils become a regional GIS Service Provider to the SWRRTG Councils. The Maturity Assessment identified Maranoa Regional Council to have the highest level of GIS capability inhouse; and
- That the SWRRTG utilise its procurement purchasing power to engage an Asset Management Bureau Service Provider to provide GIS and Asset Management support to the SWRRTG Councils.

Recommendations

That a Regional GIS and Asset Management Support Service brief be developed for a two-year fixed term contract and quotations called, inviting Maranoa Regional Council to submit a quotation.

6.2 Complex GIS Systems

Issue Summary

Regarding GIS Mapping Software, five of the SWRRTG Councils utilise MapInfo Pro, with one Council utilising ArcGIS online. The assessment identified that in general, staff utilising mapping systems as an end user had limited map viewing skills and therefore did not utilise GIS systems to their full potential. Staff would benefit from using a simplistic mapping view with established and saved workspace environments and reports.

MapInfo Pro is a powerful and complex GIS system that involves downloading of a large program to each desktop of those who wish to use the program. Accordingly, it adds complexity to IT system staff in relation to setup and to the end user.

Potential Solutions

GIS systems are now available as a cloud-based service, which involves the end user simply logging onto a website to view mapping. Accordingly, going to a GIS cloud-based service would provide a more practical and user-friendly experience for the end user. Furthermore, if all SWRRTG Councils utilised the same GIS cloud-based service, this would enhance purchasing power in relation to initial procurement, regional training and GIS support services.

The two main GIS cloud-based systems are MapInfo's Spectrum Spatial, which Maranoa Regional Council utilises, and ArcGIS which Murweh Shire Council utilises.

Apply for funding under the 2019-21 Local Government Grants and Subsidies Program to implement a regional GIS cloud-based software that is fit for SWRRTG Councils' purpose and to utilise for asset management of councils' asset data. It is important that a regionally adopted cloud-based GIS system adds value to member council's existing GIS and Asset Management systems.

Recommendations

That SWRRTG carry out a review of GIS Cloud based systems and develop a regional plan to implement the identified preferred system, to maximise potential regional collaboration benefits and savings as well as value add to member council's existing systems.

That a funding submission be lodged under the 2019-21 Local Government Grants and Subsidies Program to implement a regional GIS Cloud based software that is fit-for SWRRTG Councils' purpose and to utilise for asset management of councils' asset data.

6.3 Low Level of Confidence in Asset Data

Issue Summary

The Maturity Assessment identified that the majority of SWRRTG Councils have a low level of confidence in the accuracy of their asset data held in asset registers. The poor asset data reliability was due to a number of factors:

- High turnover of staff responsible for managing data;
- Poor record keeping of captured data;
- Lack of clear procedures for data collection of constructed assets;
- Unclear data management responsibilities;
- Lack of funding for asset data collection; and
- Absence of GIS skills.

As part of the Asset Management Maturity Assessment a gap analysis was carried out on the existing asset data quality of the Councils against the desired asset data quality required to enable better decision making in relation to capital renewal planning, reliable long-term financial planning development and accurate valuation outcomes. The gap analysis identified the following asset data collection requirements for each Council:

- Balonne Roads, Water and Sewerage Asset Condition Assessment;
- Bulloo – Roads, Water and Sewerage Asset Condition Assessment;
- Maranoa- Roads Condition Survey;
- Murweh – Stormwater Condition Survey;
- Paroo – Roads, Water and Sewerage Asset Condition Survey; and
- Quilpie – Stormwater Asset Condition Survey.

Potential Solutions

Potential Solutions are:

- Utilisation of regional procurement power to engage asset data collection service providers;
- Hiring of road condition survey equipment and carrying out of survey utilising inhouse resources;
- One Council may engage an Asset Inspector who then carries out road survey for all SWRRTG Roads;

- That the SWRRTG procure road asset data collection services based on a 3-year cycle with annual payments. Data collection to meet the needs of asset valuations, capital works renewal planning, maintenance planning and NDRRA pre-condition evidence requirements;
- Development of a regional mobile data collection technology and process for collection of constructed data for Capitalisation process and GIS capture;
- Investigate standardising across region utilisation of GIS cloud-based service for holding of Asset Register in all SWRRTG Councils;
- SWRRTG engage an Asset Management Bureau Service Provider to capture and manage asset data; and
- Apply for funding under the 2019-21 Local Government Grants and Subsidies Program to undertake asset condition assessments to collect asset data identified in the asset data quality gap analysis for each Council.

Recommendations

That SWRRTG adopt a regional software for the mobile data collection of constructed assets and develop subsequent electronic forms and procedures for the uploading of captured data in to a regional GIS cloud-based service.

That a funding submission be lodged under the 2019-21 Local Government Grants and Subsidies Program to undertake asset condition assessments to collect asset data identified in the asset data quality gap analysis for each Council as per detailed below:

- Balonne Roads, Water and Sewerage Asset Condition Assessment;
- Bulloo – Roads, Water and Sewerage Asset Condition Assessment;
- Maranoa- Roads Condition Survey;
- Murweh – Stormwater Condition Survey;
- Paroo – Roads, Water and Sewerage Asset Condition Survey; and
- Quilpie – Stormwater Asset Condition Survey.

6.4 Infrastructure Valuation Service Costs

Issue Summary

The impact of the cost of procuring quality comprehensive valuations services for individual councils was identified as an issue.

Potential Solutions

Utilise SWRRTG purchasing power by amalgamating required valuations into one contract. The contract may be based on a one to three-year timeframe

That asset condition surveys are carried out separately from valuation contracts, with the condition data being provided to the successful valuation contractor. This would enable valuation costs to be reduced without sacrificing quality of asset condition data collected.

Standardising of unit rates across SWRRTG would assist in reducing valuation costs.

Recommendations

That a procurement plan be developed for the carrying out of required valuation services for SWRRTG Councils.

That the SWRRTG Technical Committee develop a documented process of setting the required valuation unit rates each year for the SWRRTG region based on local regional conditions, historic costs and financial accounting standard requirements.

6.5 Lack of Asset Management Documentation

Issue Summary

Several SWRRTG Councils have a lack of Asset Management documentation and/or existing documentation may be out of date. Councils struggle with the resources and costs to obtain Asset Management documentation and keep it up to date.

There is currently no standard or consistent documentation amongst the SWRRTG Councils. Councils documentation varies greatly due to the engagement of consultants to produce documents such as Asset Management Plans.

SWRRTG Councils would benefit from having access to a suite of standard Asset Management Templates.

Potential Solutions

NAMS.PLUS is an IPWEA initiative to have a subscription-based service to provide councils access to a suite of templates, tools and online resources to develop and maintain various Asset Management documentation. Several of the SWRRTG Councils are already members of NAMS.PLUS, with the yearly subscription being \$740/year. Further information on NAMS.PLUS can be found at <https://www.ipwea.org/communities/assetmanagement/namsplus>.

Adoption of the NAMS.PLUS templates would assist in standardising documentation across the SWRRTG and give the ability for councils to produce Asset Management Plans that linked 10-year forward programs. If consultants are engaged to assist with documentation, Councils have the ability to stipulate the NAMS.PLUS format to be utilised.

Recommendations

That SWRRTG Councils subscribe to NAMS.PLUS and adopt the Asset Management Templates provided to standardise documentation across the region.

6.6 Attraction and Retention of Asset Management Professionals

Issue Summary

All SWRRTG Councils are having difficulty in attracting and retaining Asset Management Professionals. The majority of councils are also in the financial position to be unable to financially afford a full-time professional.

Several SWRRTG Councils have a high turnover of key staff involved in various areas of Asset Management. This results in Asset Management initiatives stalling, change of direction or practices due to new staff and loss of asset data.

Potential Solutions

The engagement of an Asset Management Bureau Service provider would enable councils to be able to gain access to Asset Management and GIS Specialists based on an hourly rate. The SWRRTG could utilise its purchasing power by establishing a regional contract for Asset Management Services to member councils. This would also assist in ensuring consistency with implementation of Asset Management across SWRRTG and would allow Asset Management projects and initiatives to continue without interruption or change of direction when key staff leave.

The Asset Management Bureau service provider could oversee and coordinate the implementation of the SWRRTG Regional Asset Management Strategy.

Recommendations

That a procurement plan be developed for the engagement of an Asset Management Bureau Service Provider to provide Asset Management and GIS Specialist Services to SWRRTG Councils.

7. ASSET MANAGEMENT REGIONAL STRATEGY

A summary of the recommendations provided in the report are provided below with an estimated budget.

Strategy No	Strategies	Estimated Budget
1	<p>That SWRRTG carry out a review of GIS cloud-based systems and develop a regional plan to implement the identified preferred system, to maximise potential regional collaboration benefits and savings.</p> <p>Furthermore, that a funding submission be lodged under the 2019-21 Local Government Grants and Subsidies Program to implement a regional GIS cloud-based software that is fit for SWRRTG Councils' purpose and to utilise for asset management of councils' asset data as well as value add to member council's existing systems.</p>	\$70,000
2	That SWRRTG adopt a regional software for the mobile data collection of constructed assets and develop subsequent electronic forms and procedures for the uploading of captured data in to a regional GIS cloud-based service.	\$30,000
3	<p>That a funding submission be lodged under the 2019-21 Local Government Grants and Subsidies Program to undertake asset condition assessments to collect asset data identified in the asset data quality gap analysis for each Council as per detailed below:</p> <ul style="list-style-type: none"> • Balonne Roads, Water and Sewerage Asset Condition Assessment • Bulloo – Roads, Water and Sewerage Asset Condition Assessment • Maranoa- Roads Condition Survey • Murweh – Stormwater Condition Survey • Paroo – Roads, Water and Sewerage Asset Condition Survey • Quilpie – Stormwater Asset Condition Survey 	<ul style="list-style-type: none"> • \$130,000 • \$110,000 • \$160,000 • \$80,000 • \$130,000 • \$80,000
4	That a procurement plan be developed for the carrying out of required valuation services for SWRRTG Councils.	\$3,000
5	That the SWRRTG Technical Committee develop a documented process of setting the required valuation unit rates each year for the SWRRTG region based on local regional conditions, historic costs and financial accounting standard requirements.	\$10,000

Strategy No	Strategies	Estimated Budget
6	That SWRRTG Councils subscribe to NAMS.PLUS and adopt the Asset Management Templates provided to standardise documentation across the region.	\$5,000
7	That an Asset Management Bureau service provider be engaged to provide Asset Management and GIS Specialist Services to SWRRTG Councils and be responsible for the coordination and implementation of the Regional Asset Management Strategy.	\$200,000

8. IMPLEMENTATION PLAN

A Regional Implementation Plan to be developed collaboratively by the SWRRTG Asset Management Working Group on review of this report.



SHEPHERD SERVICES
Asset Management and GIS Specialists

APPENDIX A

The Shepherd Services Team – Experience and Qualifications

Regional Asset Management Strategy
SWRTG

Stephen Hegedus

Curriculum Vitae



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SHEPHERD SERVICES
Asset Management and GIS Specialists

Stephen Hegedus is a Registered Professional Civil Engineer and the Director of Client Services at Shepherd Services. Stephen has over 25 years' experience in the local government environment, and through his career has held the positions of Director of Engineering Services, Director Corporate Services and Chief Executive Officer. As a result, Stephen has extensive experience in Asset Management from several different strategic levels within an organisation.

KEY EXPERIENCE

Asset Management skills in all infrastructure asset classes, with expertise in:

- Asset register development
- Unit rate development for replacement asset values
- Useful and remaining lives determinations
- Service level development, implementation and reporting
- Asset financially modelling for sustainability
- Asset Management Plans development and implementation
- Budgeting and programming renewals works
- Training and Education from operational to the board room
- Operational and management background in infrastructure assets construction and maintenance

EDUCATION AND PROFESSIONAL STATUS

- Bachelor of Civil Engineering, University Southern Queensland
- Graduate Diploma of Municipal Engineering, University Southern Queensland
- Graduate Diploma of LG Management, Deakin University
- Associate Certificate of Applied Management Colloquium
- Registered Professional Engineer of Queensland, R.P.E.Q 5234
- Fellow, Institute of Public Works Engineering Australia
- Member, Local Government Managers Australia

OTHER ACHIEVEMENTS

- 2011 Awarded Fellow of IPWEAQ
- 2005 IPWEAQ Engineer of the Year Award
- 2003 AIM Regional Young Manager of the Year Award
- 2003, 2004. IPWEAQ Excellence Award Projects Winner.
- Excellence in Local Government Leadership Program, Australia and New Zealand School of Government



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road asset condition assessment system

Order of Proceedings

15 CONFIDENTIAL ITEMS

15.1 (02/19) – Renewal of Term Lease 0/213111

15.2 (02/19) – Renewal of Term Lease over Lot 17 on SP 118806

16 LATE CONFIDENTIAL ITEMS

17 LATE ITEMS

18 GENERAL BUSINESS

18.1 (02/19) – Proposed Walkway – Bulloo Park

Council has requested design information on the potential construction of a pathway from the new car park area to the new complex at Bulloo Park.

18.2 (02/19) – Amnesty International Quilpie and Community Sponsorship

Amnesty International have requested that Council give consideration to adopting a Refugee Community Sponsorship Program.

18.3 (02/19) – RDA DDSW “Five Issues” Forum

Regional Development Australia Darling Downs and South West (RDA DDSW) has invited Council to nominate one key issue and one ‘reserve’ issue to be discussed and progressed at the upcoming “Five Issues Forum” being held in Cunnamulla on 07 March 2019. The forum will be attended by representatives from local, state and federal government together with other relevant stakeholders for the purpose of overcoming barriers and nominating priorities for the region. RDA DDSW would welcome any stakeholders that Council would like to include in the forum.

19 MEETING DATES