



DELIVERY PROGRAM

2022-2026

OPERATIONAL PLAN

2023-2024

Adopted: June 2022

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MESSAGE FROM THE CHAIR

Goldenfields Water County Council is an organisation focussed on the supply of exceptional water services to the communities of approximately 46,000 people across the seven local government areas.

The strategic priorities for Goldenfields are aimed at supporting these communities through the provision of water supplies to these communities.

Council has commenced a major asset renewal program based on asset management principals to renew and maintain the existing network infrastructure while aiming to improve the levels of service provided to the communities.

With dedicated staff and a board with a regional focus, Goldenfields prides itself on its long-term financial sustainability as well as the provision of exceptional water services to the communities. The priorities and actions outlined in the Delivery program support the continuation of this service and setting up Goldenfields as a superior asset custodian into the future.

My fellow board members and I are confident that this four-year delivery program supported by the positive long term financial plan will enable Goldenfields water to continue provision of excellent service into the future with a sustainable network and quality water supplies.

Matthew Stadtmiller

Chairperson
Goldenfields Water County Council



MISSION & VISION

MISSION STATEMENT

To provide regional economic opportunity and lifestyle choices through provision of a quality water supply by innovative leadership showing environmental responsibility in cooperation with the community, constituent councils and governments.

VISION

To be innovative leaders in the supply and distribution of water through regional efficiency, technical excellence, and customer service.

OUR VALUES

INTEGRITY



- We act in the best interest of the communities we serve.
- We promote equality and apply rules consistently.
- We are honest, ethical and take ownership of our actions by learning from our mistakes.

TRUST



- We rely on each other to work towards success.
- We support open discussions and are transparent in the process of making decisions.
- We value each other and empower one another to succeed.

RESPECT



- We listen, consider and value the views of others.
- We treat others with courtesy, empathy, professionalism politeness, and kindness.
- We recognise the contributions of all staff.

TEAMWORK



- We work collaboratively and support each other to achieve our goals.
- We communicate openly and positively.
- We build strong teams who are proactive, share their knowledge, skills, and experience.

CONTINUOUS IMPROVEMENT



- We actively monitor and review our operations.
- We are open and acknowledge our shortfalls.
- We make ourselves accountable and share ideas to develop better ways of doing things.



ABOUT US

We supply drinking water to approximately 46,000 customers across an area of 22,526 square kilometres in parts of NSW's South West Slopes and Riverina regions

PROFILE

Goldenfields Water is a single-purpose county council that has been providing water supply services in the South West Slopes and Riverina regions of NSW since 1997.

As a county council Goldenfields Water is a unique organisation, especially given it is made up of seven different councils that depend on it to deliver vital drinking water for their communities.

Its seven constituent councils are:

- Bland Shire Council
- Coolamon Shire Council
- Junee Shire Council
- Temora Shire Council
- Cootamundra-Gundagai Regional Council
- Narrandera Shire Council
- Hilltops Council

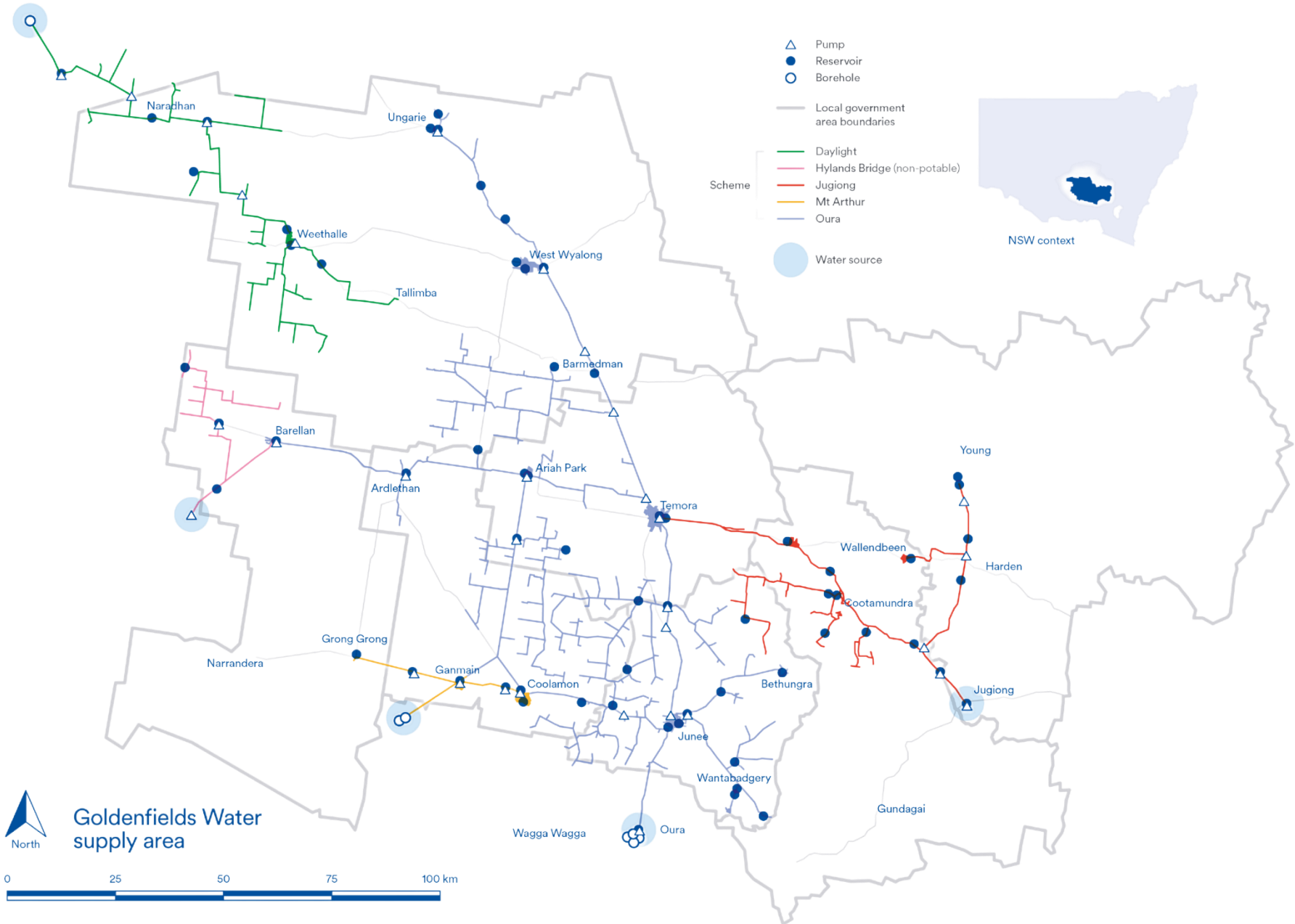
Currently, Goldenfields Water supplies drinking water directly to over 11,600 rural, residential, commercial, and other properties in the local government areas of Bland, Coolamon, Junee, Temora, and parts of Cootamundra-Gundagai and Narrandera.

It also supplies:

- Non-potable water (untreated water for non-drinking purposes) directly to 250 rural, residential, commercial and other properties from the Hylands Bridge Scheme.
- Water in bulk to Cootamundra-Gundagai and Hilltops councils, which then distribute water directly to their residents (except those supplied directly by Goldenfields Water in parts of Cootamundra-Gundagai).
- Water in bulk to Riverina Water County Council.

Goldenfields Water's supply system sources its water from Jugiong, Oura, Mt Arthur, Mt Daylight and Hylands Bridge. Overall, the supply system – including water mains, pump stations and treatment plants – covers around 22,000 square kilometres and services approximately 46,000 people and includes more than 2400 kilometres of water main.

OUR NETWORK





IP&R FRAMEWORK

In 2016, the Local Government Act 1993 (The Act) was amended with a new set of operating principles to address the way local government leads, plans for, and makes decisions about services and resources.

All councils are required under the Act to develop long term, medium term, and short-term plans as part of the NSW Integrated Planning and Reporting Framework.

Goldenfields integrated planning documents include the following

- Business Activity Strategic Plan – 2022 – 2032
- Delivery Program 2022 - 2026
- Operational Plan 2022/23
- Resourcing Strategy
 - Long Term Financial Plan
 - Asset Management Strategy
 - Workforce Management Plan

DELIVERY PROGRAM

The Delivery Program is the document that translates the strategic goals as set out in the Business Activity Strategic Plan (BASP) into actions.

The Delivery Program is a statement of commitment to the Goldenfields community from the newly elected board to deliver the priorities as set out in the BASP over the 4-year term of the board.

The Delivery Program is also linked to the Resourcing Strategy documents and most closely to the 4-year Workforce plan and 4-year financial forecasts.

A one-year operational plan outlines the activities Council will carry out to achieve the Delivery Program and the long-term vision identified in the Business Activity Strategic Plan (BASP)

WHAT IS THIS DOCUMENT

The Goldenfields Water County Council Combined Delivery Program and Operational Plan detail those actions Council will take to delivery the Business Activity Strategic Plan (BASP).

RESOURCING STRATEGY

In order to meet service levels and deliver the projects and commitments outlined in this document, Council needs to allocate its resources. Council's resourcing strategy (provided as a separate document) provides details of how this will be done through its finances, people, and assets. The three elements of a resourcing strategy are the following:

Long Term Financial Plan (LTFP)

Council's LTFP outlines the high-level budgeting scenarios over the next 10 years. The LTFP is part of Council's resourcing strategy that is used to provide an understanding of Council's financial position and financial ability to deliver the outcomes from the BASP.

Workforce Management Plan

Council's Workforce Management Plan provides strategic direction to create a sustainable workforce. The focus is in the alignment of the workforce with the goals, values and objectives of the organisation and enable us to deliver the community expectations into the future.

Asset Management Strategy

Council's infrastructure assets – its pipes, pumps, reservoirs, buildings, and land, have a replacement value of around \$500 M. Council's Asset Management Strategy is how Council will achieve the objectives of provision of the best possible value from its assets to support the delivery of quality and efficient services to the community.

DELIVERY PROGRAM



OBJECTIVE 1

High Quality, Secure and Efficient Water Supplies

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
1.1 Potable Water Supplies Meet Australian Drinking Water Guidelines and Public Health requirements							
1.1.1	Drinking Water management System is implemented	Drinking water management system annual reporting is completed	Production Services	✓	✓	✓	✓
1.1.2	Backflow prevention is in place for high-risk connections	Low pressure areas – investigate and develop options for effective backflow prevention.	Engineering Manager	✓			
1.1.3	Goldenfields Water adheres to NSW Government Best Practice Management (BPM)	Develop and Implement Integrated Water Cycle Management Strategy	Engineering Manager	✓	✓	✓	✓

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
1.2 Future Growth is planned for and managed							
1.2.1	Growth opportunities are considered through business planning	Economically viable extensions to the network are factored into the Capital Works Program	Engineering Manager	✓	✓	✓	✓
1.3 Water Supply is reliable and efficient							
1.3.1	Disruptions to supply are planned for and managed	Written notifications and social media is utilised to provide notice of planned outages	Operations Manager	✓	✓	✓	✓
		Develop system to monitor outages and the effect on the system	Operations Manager				✓
1.3.2	New Temora Depot to support reticulation renewals and construction program	Capital Expenditure Review undertaken	Engineering Manager	✓			

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
1.4 Our assets are managed and renewed in accordance with Council's asset management systems							
1.4.1	Strategic asset management documents and systems are adopted and updated to maintain validity and relevance	Finalise and adopt asset class management plans	Engineering Manager	✓			
1.4.2	Assets are renewed in accordance with the requirements of the Asset Management plans	Council's Capital works program is generated from the asset management system	Engineering Manager	✓	✓	✓	✓
		Projects are identified and planned in accordance with Council's asset management system	Engineering Manager	✓	✓	✓	✓
		Asset capacity is determined to meet long term demands	Engineering Manager	✓	✓	✓	✓
1.4.3	Maintenance Programs are developed and implemented	Annual maintenance programs Mains flushing Valves inspections Reservoir inspections	Operations Manager	✓	✓	✓	✓

OBJECTIVE 2

Customer Focus

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
2.1 Well trained highly motivated workforce							
2.1.1	Workforce strategy	Developed and updated	HR Coordinator				✓
2.1.2	Staff professional development opportunities	Staff Development Plan process incorporates employee development through informal and formal professional development and training opportunities	HR Coordinator	✓	✓	✓	✓
2.1.3	Build a diverse workforce	Action items from Goldenfields Water's EEO Management 2021-2025 implemented	HR Coordinator	✓	✓	✓	
2.1.4	Measure and improve employee engagement	Develop, implement, and monitor organisation-wide training plan to ensure available funds for required training focusing on skills gaps and leadership.	HR Coordinator	✓	✓	✓	✓
		Staff survey undertaken	HR Coordinator	✓		✓	

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
2.2 Safe, healthy and risk managed working environment exists for staff and the community							
2.2.1	Integrated approach to safety risk management in the workplace	MANEX team informed of WHS performance and accountable for continual improvement in workplace safety	WHS Coordinator	✓	✓	✓	✓
		Review of safe working practices and procedures	WHS Coordinator	✓	✓	✓	✓
2.2.2	Implement WHS Program	Wellness program undertaken	HR Coordinator	✓	✓	✓	✓

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
2.3 Community satisfaction is built and maintained through provision of services and information							
2.3.1	Inform our customers about projects, programs, issues etc	Social media utilised for promotion of projects, outages, and upcoming works	Community Education and Engagement Officer	✓	✓	✓	✓
2.3.2	Undertake customer survey	Survey completed and feedback considered to inform performance improvements	General Manager	✓	✓	✓	✓
2.3.3	Develop a customer engagement strategy	Develop a customer engagement strategy	Community Education and Engagement Officer				✓

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
2.4 Financial Management							
2.4.1	Long Term Financial Plan reviewed and updated regularly	Long Term Financial Plan reviewed and updated annually	Corporate Services Manager	✓	✓	✓	✓
2.4.2	Review and determine fees and charges consistent with the Long-Term Financial Plan	Develop a long-term pricing path Review and determine fees and charges annually	Corporate Services Manager	✓	✓	✓	✓
2.4.3	Plant Replacement program maintained to ensure safe and fit for purpose fleet	Prepare and review annual plant replacement program	Corporate Services Manager	✓	✓	✓	✓
2.5 Improving Performance and Risk							
2.5.1	Review and update Business Continuity plan	Review Business continuity Plan and undertake scenario training every two (2) years	Corporate Services manager	✓		✓	
2.5.2	Audit Risk & Improvement Committee function complies with Framework, regular meetings are held, and internal audits undertaken	Hold meetings at least quarterly	Corporate Services Manager	✓	✓	✓	✓
2.5.3	Prepare statutory financial reports within required timeframes	Prepare Annual Financial Statements Prepare Quarterly Budget Reviews	Corporate Services Manager	✓	✓	✓	✓
2.5.4	Maintain an up-to-date ICT infrastructure to ensure organisational efficiency	Develop annual ICT project plan	Corporate Services Manager	✓	✓	✓	✓

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
2.6 Regional Collaboration							
2.6.1	Membership RivJO / REROC	Active role in RivJO / REROC initiatives	General Manager	✓	✓	✓	✓
2.6.2	Work with constituent Councils	Facilitate regular meetings with constituent councils	General Manager	✓	✓		
		Review and update SLA with bulk councils	General Manager	✓	✓	✓	✓

OBJECTIVE 3

A Healthy Natural Environment

Delivery Program 2022-2026							
Code	Desired Outcome	Key Activities	Responsibility	22/23	23/24	24/25	25/26
3.1 Energy Costs and usage are monitored and reduced through utilisation of alternative technologies and system innovations							
3.1.1	Energy efficiency considered in infrastructure design and benefit cost assessments.	Energy usage reduced where possible considering levels of service provisions	Engineering Manager	✓	✓	✓	✓
3.1.2	Council maintains an energy management system	Staff review annual energy consumption data to inform future requirements	Production Services Manager	✓	✓	✓	✓
3.2 Environmentally adverse consequences are minimised from operations including water extraction, capital works and day to day operations							
3.2.1	All construction and maintenance work undertaken to minimise impact to the natural environment	Environmental impacts considered for each project through production of Review Environmental Factors	Operations Manager	✓	✓	✓	✓
3.3 Potential effect of climate change on water supply is identified, planned, and managed							
3.3.1	IWCM strategy to consider climate change affects in modelling	Climate change considered in demand and supply figures in development of IWCM	Engineering Manager	✓	✓		
3.4 Water is used wisely with system losses minimised and accounted for							
3.4.1	Non-revenue water is minimised and accounted for	Production and bulk meters are compared to identify losses within the system	Production Services Manager	✓	✓	✓	✓

OPERATIONAL PLAN



1: HIGH QUALITY, SECURE & EFFICIENT WATER SUPPLIES

1.1: Potable water supplies meet Australian Drinking Water Guidelines and Public Health requirements

1.1.1: Drinking Water Management System is implemented

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.1.1.1	Drinking Water Management System Annual Reporting is completed	Drinking Water Management System annual reporting	Annual report developed and submitted to council by December prior to submission to NSW health	Production & Services Manager		X		

1.1.2: Backflow prevention is in place for high risk connections

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.1.2.1	Low pressure areas - investigate and develop options for effective backflow prevention.	Reduced Pressure Zone Device (backflow prevention device) testing and audit is completed.	All RPZD's have been tested and audit is complete	Engineering Manager				X

1.1.3: Goldenfields adheres to NSW Government Best Practice Management

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.1.3.1	Develop and implement Integrated Water Cycle Management Strategy	Goldenfields Water adheres to best practice guidance for water and wastewater operations.	Goldenfields will develop and adopt a new IWCM strategy	Production & Services Manager		X		

1.2: Future growth is planned for and managed

1.2.1: Growth opportunities are considered through business planning

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.2.1.1	Economically viable extensions to the network are factored into Capital Works Program	GWCC progresses with Rosehill to Young strategy asset upgrades	Offtake to Rosehill pump station upgrade complete. Wombat reservoir 75% constructed.	Engineering Manager				X
		West Wyalong Water Reliability Project Complete	Bypass trunk main, reticulated main, reservoir and pump station complete and operational.	Engineering Manager		X		

1.3: Water supply is reliable and efficient

1.3.1: Disruptions to supply are planned for and managed

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.3.1.1	Written notifications and social media is utilised to provide notice of planned outages	Disruptions to supply are planned for and managed	Report on number of planned and unplanned disruptions for quarter	Operations Manager	X	X	X	X

1.3.2: New Temora Depot to support reticulation renewals and construction program

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.3.2.1	Capital Expenditure Review undertaken	New Temora Depot construction is progressing	Construction of shed is completed. Detailed design of office building completed.	Engineering Manager				X

1.4: Our assets are managed and renewed in accordance with Council's Asset management systems

1.4.1: Strategic asset management documents and systems are adopted and updated to maintain validity and relevance

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.4.1.1	Continual update of asset financial data	Comprehensive revaluation of water infrastructure assets is completed.	Comprehensive revaluation of water infrastructure assets is completed.	Engineering Manager			X	

1.4.2: Assets are renewed in accordance with the requirements of the Asset Management Plans

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.4.2.1	Councils Capital Works Program is generated from the asset management system	Assets are renewed in accordance with the requirements of the asset management plans	Capital works program is generated from the asset management system	Engineering Manager				X
1.4.2.2	Projects are identified and planned in accordance with Council's asset management system	Council's backlog of works is reduced	Council's backlog of works is reduced.	Engineering Manager				X
		Minimum 10km of urban reticulation renewals completed	Km undertaken	Operations Manager				X
		Minimum 5km of rural renewals completed	Km undertaken	Operations Manager				X
		Minimum 5km trunk renewals completed (excluding Thanowring Road)	Progress report	Operations Manager				X
		Thanowring Road pipeline upgrade minimum 10km constructed	Progress report	Operations Manager	X	X	X	X
1.4.2.3		Oura reservoir and aerator progresses	Oura reservoirs and aerators 80% complete	Engineering Manager				X

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
	Asset capacity is determined to meet long term demands	Renewal of Jugiong WTP High Voltage Assets	Completion of new High Voltage building, transformers, switchgear and Variable Speed Drives.	Production & Services Manager				X

1.4.3: Maintenance programs are developed and implemented

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
1.4.3.1	Annual maintenance programs - mains flushing, valves inspections, Reservoir inspections	Routine Mains Maintenance Program	Minimum 30km of mains flushing undertaken	Operations Manager				X

2: CUSTOMER SERVICE FOCUS

2.1: Well trained and highly motivated workforce

2.1.1: Workforce Strategy

2.1.2: Staff professional development opportunities

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.1.2.1	Staff Development Plan process incorporates employee development through informal and formal professional development and training opportunities	Staff professional development opportunities	Staff Development Plan process incorporates employee development through informal and formal professional development and training opportunities	HR Coordinator			X	

2.1.3: Build a diverse workforce

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.1.3.1	Action items from Goldenfields Water's EEO Management 2021-2025 implemented.	Build a diverse workforce	Action items from Goldenfields Water's EEO Management 2021-2025 implemented.	HR Coordinator				X

2.1.4: Measure and improve employee engagement

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.1.4.1	Develop, implement, and monitor organisation-wide training plan to ensure available funds for required training focusing on skills gaps and leadership	Measure and improve employee engagement	Develop, implement and monitor organisation-wide training plan to ensure available funds for required training focusing on skills gaps and leadership	HR Coordinator			X	

2.2: Safe, healthy, and risk managed working environment exists for staff and the community

2.2.1: Integrated approach to safety risk management in the workplace

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.2.1.1	MANEX team informed of WHS performance and accountable for continual improvement in workplace safety	Integrated approach to risk management in the workplace	MANEX team informed of WHS performance and accountable for continual improvement in workplace safety	WHS Coordinator	X	X	X	X
			Review of safe working practices and procedures					

2.2.2: Implement WHS Program

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.2.2.1	Wellness program undertaken	Implement WHS Program	Action items from Council's Health and Wellbeing Strategy 2023-2027	HR Coordinator			X	

2.3: Community satisfaction is built and maintained through provision of services and information

2.3.1: Inform our customers about projects, programs, issues etc.

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.3.1.1	Social media utilised for promotion of projects, outages and upcoming works	Social Media utilised for promotion of projects, outages and upcoming works	Social media statistics Social media posts, subscribers change, visitors to website, social media pages.	Community Engagement Officer	X	X	X	X

2.3.2: Undertake Customer Survey

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.3.2.1	Survey completed and results considered in relation to future planning	Customer survey undertaken	Results reported to Board	Community Engagement Officer			X	

2.3.3: Develop and implement a customer engagement strategy

2.4: Financial Management

2.4.1: Long term financial plan reviewed and updated regularly

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.4.1.1	Long term financial plan reviewed and updated annually	Review and update Long Term Financial Plan	Review and update Long Term Financial Plan	Corporate Services Manager				X

2.4.2: Review and determine fees and charges consistent with the Long Term Financial Plan

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.4.2.1	Develop a long term pricing path. Review and determine fees and charges annually	Develop a long term pricing path. Review and determine fees and charges annually	Review and determine fees and charges annually	Corporate Services Manager				X

2.4.3: Plant replacement program maintained to ensure safe and fit for purpose fleet

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.4.3.1	Prepare and review annual plant replacement program	Plant replacement program maintained to ensure safe and fit for purpose fleet	Prepare annual plant replacement program	Corporate Services Manager				X

2.5: Improving performance and managing risk

2.5.1: Review and update Business Continuity Plan

2.5.2: Audit Risk and Improvement Committee function complies with Framework, regular meetings are held and internal audits undertaken

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.5.2.1	Hold ARIC meetings at least quarterly	Audit Risk & Improvement Committee function complies with Framework, regular meetings are held and internal audits undertaken	Review framework requirements at least annually Hold meetings at least quarterly Undertake internal audits in accordance with Strategic Internal Audit Plan	Corporate Services Manager	X	X	X	X

2.5.3: Prepare statutory financial reports within required timeframes

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.5.3.1	Prepare annual financial statements	Prepare statutory financial reports within required timeframes	Prepare Annual Financial Statements	Corporate Services Manager	X			
2.5.3.2	Prepare Quarterly Budget Reviews	Prepare quarterly budget reviews	Prepare quarterly budget reviews	Corporate Services Manager	X	X	X	X

2.5.4: Maintain an up-to-date ICT infrastructure to ensure organisational efficiency

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.5.4.1	Develop annual ICT project plan	Maintain an up to date ICT infrastructure to ensure organisational efficiency	Develop annual ICT project plan	Corporate Services Manager			X	

2.6: Regional Collaboration

2.6.1: Membership Joint Organisation

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.6.1.1	Active role in Joint Organisation initiatives	Membership RivJo and REROC	Goldenfields participates in projects with a joint interest	General Manager				X

2.6.2: Work with Constituent Councils

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
2.6.2.1	Facilitate regular meetings with Constituent Councils	Regular meetings with Constituent Councils	Meeting with General Managers annually or as necessary	General Manager				X
2.6.2.2	Review and update SLA with bulk councils	Update SLA with Bulk Councils	New SLA developed and signed off between each Bulk Council and GWCC	General Manager				X

3: A HEALTHY NATURAL ENVIRONMENT

3.1: Energy costs and usage are monitored and reduced through utilisation of alternative technologies and system innovations

3.1.1: Energy efficiency considered in infrastructure design and benefit cost assessments

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
3.1.1.1	Energy usage reduced where possible considering levels of service provisions	Energy usage records kept and monitored	Energy trends monitored for inclusion in future upgrades of facilities	Production & Services Manager				X

3.1.2: Council Maintains an energy management system

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
3.1.2.1	Staff review annual energy consumption data	Council maintains an energy management system	Staff review annual consumption data to inform future upgrades and replacement requirements	Production & Services Manager				X

3.2: Environmentally adverse consequences are minimised from operations including water extraction, capital works and day to day operations

3.2.1: All construction and maintenance work undertaken to minimise impact to the natural environment

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
3.2.1.1	Environmental impacts considered for each project through production of Review Environmental Factors	All construction and maintenance work undertaken to minimise impact to the natural environment	Environmental impacts considered for each capital project through production of Review Environmental Factors	Operations Manager	X	X	X	X

3.3: Potential effect of climate change on water supply is identified, planned, and managed

3.3.1: IWCM strategy to consider climate change affects in modelling

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
3.3.1.1	Climate change considered in demand and supply figures in development of IWCM	IWCM Strategy to consider climate change affects	Climate change considered in demand and supply figures	Production & Services Manager	X			

3.4: Water is used wisely with systems losses with systems losses minimised and accounted for

3.4.1: Non-revenue water is minimised and accounted for

Key Activity Code	Key Activity	Action Name	Performance Measure	Responsible Officer Position	Q1	Q2	Q3	Q4
3.4.1.1	Production and bulk meters are compared to identify losses within the system	Non-revenue water is minimised and accounted for	Production data and demand data is utilised to monitor Non-Revenue water	Production & Services Manager				X

STATEMENT OF REVENUE POLICY

Council obtains its income from the following sources:

Water Access and User Charges

Council has adopted a two-part water charge for each of its customer categories, consisting of an access charge based on service connection sizing and a user charge based on the water consumed. As part of its Delivery Program, Council has set its access and usage charges for the 2023/2024 year.

Council levies interest on overdue charges. The interest rate is maximum allowable – 9% for 2023/2024.

Interest on Investments

Council invests surplus funds in accordance with its Investment Policy.

Fees

Council charges appropriate fees for service. These fees are based on actual costs and ensure that those who benefit from the service pay for it.

Private works

Occasionally Council carries out private works. Any such works are undertaken at price on application.

Grants and subsidies

Council will receive the Pensioner Rebate Subsidy provided by the State Government in 2023/2024. This subsidy offsets 55% of the total rebate provided.

Developer Contributions

Developers are required to pay the cost of providing the assets that they require. These costs usually fall into two categories:

The reticulated pipes which a developer is required to pay in full; and

A contribution towards the provision of infrastructure (headworks-e.g. treatment plants, major pipelines etc)

Loan Borrowings

New capital infrastructure projects can be funded from borrowings. Council would normally expect that such borrowing approvals to be granted.

Council has not provided for any specific borrowings for 2023/2024.

Access and Usage Charges Statement

The following is a brief explanation of how Council categorises its customer base.

Residential

Customers are categorised as residential if:

The connection is within the Council's urbanized areas serviced by a reservoir via a reticulated distribution network and the main use is for residential accommodation (but not as a hotel, motel, guesthouse, boarding house, lodging house or nursing home).

It is a vacant land within this Council's urbanized areas serviced by a reservoir via a reticulated distribution network.

Non-Residential Rural

Customers are categorised as non-residential rural if:

The connection is located outside this Council urbanized areas, is serviced directly from a main and the main use is for stock and domestic.

Non-residential Other

Customers are categorised as non-residential other if:

The connection is within this Council's urbanized areas serviced by a reservoir via a reticulated distribution network and the main use is for commercial, industrial, community or institutional.

Other remote and direct connections to mains outside of this Council's urbanized areas where there is no commercial rural activity.

Non-Residential High Volume Monthly

Customers are categorised as non-residential high volume monthly if:

The main use is for commercial, industrial, community or institutional and the customer uses over 50,000kl pa.

Non-Residential Bulk Councils

Hilltops Council and Cootamundra Gundagai Regional Council together with water supplied to Riverina Water consumers are categorised as non-residential Bulk Councils.

Council's Annual Access and Usage charges, Interest, Fees, Private Works, and/or Developer Contributions are levied and or charged under various sections on the NSW Local Government Act including but not limited to sections 501, 502, 552, 566 section 64 and its cross reference to water Management Act section 305-307 and NSW Local Government Act Chapter 15, Part 10 Division 3

COUNCIL BUDGET REPORT 2023-24



Goldenfields
Water

COUNCIL BUDGET REPORT 2023-24

GOLDENFIELDS WATER COUNTY COUNCIL											
INCOME STATEMENT	Current Year	Projected Years									
	2022/23 \$'000	2023/24 \$'000	2024/25 \$'000	2025/26 \$'000	2026/27 \$'000	2027/28 \$'000	2028/29 \$'000	2029/30 \$'000	2030/31 \$'000	2031/32 \$'000	2032/33 \$'000
Income from Continuing Operations											
Rates & Annual Charges	6,429	6,759	6,962	7,171	7,386	7,608	7,837	8,072	8,315	8,564	8,821
User Charges & Fees	15,407	16,534	17,031	17,541	18,068	18,609	19,167	19,743	20,335	20,945	21,574
Other Revenues	266	243	259	260	261	267	270	273	277	281	285
Grants & Contributions provided for Operating Purposes	80	80	83	85	88	91	94	97	100	103	106
Grants & Contributions provided for Capital Purposes	5,634	1,592	1,640	1,690	1,740	1,793	1,847	1,902	1,959	2,018	2,078
Interest & Investment Revenue	870	928	728	628	528	528	528	628	728	828	928
Total Income from Continuing Operations	28,687	26,136	26,703	27,374	28,071	28,896	29,743	30,715	31,714	32,738	33,791
Expenses from Continuing Operations											
Employee Benefits & On-Costs	8,189	8,405	8,656	8,913	9,179	9,452	9,733	10,023	10,321	10,628	10,945
Materials & Contracts	8,585	8,969	8,186	8,431	8,685	8,868	9,132	9,403	9,680	9,967	10,262
Depreciation & Amortisation	8,420	8,480	8,540	8,540	8,540	8,540	8,540	8,540	8,540	8,540	8,540
Other Expenses	163	172	177	182	187	193	199	205	211	217	224
Total Expenses from Continuing Operations	25,358	26,025	25,559	26,066	26,590	27,053	27,603	28,170	28,752	29,352	29,971
Net Operating Result for the Year	3,330	111	1,144	1,308	1,481	1,843	2,139	2,545	2,962	3,386	3,820
Net Operating Result before Grants and Contributions provided for Capital Purposes	(2,304)	(1,481)	(496)	(382)	(260)	50	292	642	1,003	1,369	1,743

GOLDENFIELDS WATER COUNTY COUNCIL

CASH FLOW STATEMENT	Current Year		Projected Years									
	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	
	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	\$'000	
Cash Flows from Operating Activities												
Receipts:												
Rates & Annual Charges	6,334	6,795	6,970	7,154	7,395	7,608	7,834	8,074	8,315	8,564	8,821	
User Charges & Fees	15,331	16,608	17,006	17,532	18,082	18,603	19,167	19,745	20,333	20,945	21,574	
Investment & Interest Revenue Received	700	998	738	598	545	527	523	632	727	827	929	
Grants & Contributions	5,676	1,838	1,954	1,894	2,000	2,058	2,096	2,166	2,225	2,283	2,349	
Other	311	178	288	262	249	273	269	271	279	280	284	
Payments:												
Employee Benefits & On-Costs	(8,198)	(8,415)	(8,646)	(8,916)	(9,180)	(9,450)	(9,733)	(10,023)	(10,321)	(10,629)	(10,945)	
Materials & Contracts	(8,900)	(8,912)	(8,119)	(8,495)	(8,665)	(8,860)	(9,144)	(9,398)	(9,680)	(9,969)	(10,261)	
Other	(163)	(172)	(177)	(182)	(187)	(193)	(199)	(205)	(211)	(217)	(224)	
Activities	11,092	8,917	10,014	9,848	10,240	10,566	10,813	11,263	11,667	12,085	12,528	
Cash Flows from Investing Activities												
Receipts:												
Sale of Investment Securities	8,982	12,911	1,380	1,605	2,985	-	-	-	-	-	-	
Payments:												
Purchase of Investment Securities	-	-	-	-	-	(1,467)	(1,191)	(2,202)	(2,310)	(3,340)	(3,737)	
Equipment	(12,958)	(19,162)	(7,857)	(7,599)	(9,655)	(5,127)	(5,620)	(5,001)	(5,283)	(4,568)	(4,584)	
Activities	(3,976)	(6,250)	(6,477)	(5,995)	(6,670)	(6,594)	(6,811)	(7,203)	(7,593)	(7,908)	(8,321)	
Cash Flows from Financing Activities												
Receipts:												
Proceeds from Borrowings & Advances	-	-	-	-	-	-	-	-	-	-	-	
Payments:												
Repayment of Borrowings & Advances	-	-	-	-	-	-	-	-	-	-	-	
Activities	-	-	-	-	-	-	-	-	-	-	-	
Equivalents	7,116	2,667	3,537	3,853	3,570	3,971	4,002	4,060	4,074	4,177	4,206	
year	2,943	10,059	12,726	16,263	20,116	23,687	27,658	31,660	35,720	39,793	43,971	
Cash & Cash Equivalents - end of the year	10,059	12,726	16,263	20,116	23,687	27,658	31,660	35,720	39,793	43,971	48,177	
Cash & Cash Equivalents - end of the year	10,059	12,726	16,263	20,116	23,687	27,658	31,660	35,720	39,793	43,971	48,177	
Investments - end of the year	32,100	19,189	17,809	16,204	13,219	14,686	15,877	18,079	20,389	23,729	27,467	
Cash, Cash Equivalents & Investments - end of the year	42,159	31,915	34,072	36,321	36,905	42,344	47,537	53,799	60,183	67,700	75,644	

GOLDENFIELDS WATER BUDGET RESULT 2023/24

	Operating Activities (\$'000)	Capital Activities (\$'000)	Net Result (\$'000)
1 . FISCAL BUDGET RESULT			
Operating Revenues	26,136		
Operating Expenses (incl Depreciation)	26,025		
Operating Result	111	0	111
<i>add back</i>			
Depreciation Expense	8,480		
Capex Program Expenditure		22,643	
Asset Sales/Trade Ins		738	
RESULT Surplus/(Deficit)	8,591	(23,381)	(14,790)

RESULT - a deficit will need to be funded as shown below

2. FUNDING BUDGET RESULT

Fiscal Budget Result (Above)	8,591	(23,381)	
<i>Internal Reserve Funding</i>			
Net Tfr from/(to) Employee Leave Entitlements	0		
Net Tfr from/(to) Plant & Vehicle Replacement		283	
Net Tfr from/(to) Infrastructure Replacement		9,730	
Net Tfr from/(to) Property Asset Reserve		0	
Net Tfr from/(to) Sales Fluctuation	-		
RESULT Surplus/(Deficit)	8,591	(13,368)	(4,778)

RESULT - a surplus will increase Available Working Capital

CUSTOMER CATEGORIES	\$'000	% Within Category	% of Total
Residential	6,894		29.9%
Access Charges	1,857	27%	
Usage Charges	5,037	73%	
Non-Residential Rural	5,284		22.9%
Access Charges	1,677	32%	
Usage Charges	3,607	68%	
Non-Residential Other	2,363		10.2%
Access Charges	1,065	45%	
Usage Charges	1,298	55%	
Non-Residential High Volume Monthly	1,642		7.1%
Access Charges	59	4%	
Usage Charges	1,583	96%	
Non-Residential Bulk Council	6,898		29.9%
Access Charges	2,252	33%	
Usage Charges	4,646	67%	
TOTAL PROJECTED YIELD	23,081		100%

GOLDENFIELDS WATER COUNTY COUNCIL		
2022/23 BUDGETED CASH POSITION	Current Year 2022/23 \$'000	Projected 2023/24 \$'000
Reconciliation of Cash Position		
Change in net assets from continuing operations	3,330	111
Add back Non Cash Expenses		
Depreciation	8,420	8,480
Add Cashflows from Financing Activities		
Proceeds from Sale of Assets	738	617
Less Cashflows from Investing Activities		
Purchase of Infrastructure, Property, Plant & Equipment	(25,552)	(22,643)
Cash Surplus/ (Deficit)	(13,064)	(13,436)
Equity Movements		
Reserve Funds - Increase / (Decrease)	(13,064)	(13,436)

Goldenfields Water County Council		
2022/23 CAPITAL BUDGET SUMMARY	Current Year 2022/23 \$'000	Projected 2023/24 \$'000
Capital Budget		
Income		
Capital Funding		
Capital Grants & Contributions	5,634	1,592
Proceeds from sale - Infrastructure, Property Plant & Equipment	738	617
Internal Restrictions	21,484	21,916
Operating Revenue	(2,304)	(1,481)
Total Capital Funding	25,552	22,643
Capital Expenditure		
New Assets		
Water Supply Infrastructure	5,902	2,170
Plant & Equipment	-	550
IT / Office Equipment	-	-
Land & Buildings	100	1,500
Renewal Assets		
Water Supply Infrastructure	17,813	17,005
Plant & Equipment	1,600	1,288
IT / Office Equipment	60	80
Furniture & Fittings	5	-
Land & Buildings	72	50
Total Capital Expenditure	25,552	22,643

GOLDENFIELDS WATER BUDGET RESULT 2022/23

CAPITAL WORKS BUDGET 2024 - 2027	Budget 2023/24	Budget 2024/25	Budget 2025/26	Budget 2026/27
CAPITAL INCOME	\$	\$	\$	\$
Asset Sales	616,500	500,000	500,000	500,000
Capital Grants and Contributions	1,591,800	1,640,000	1,689,500	1,740,400
TOTAL CAPITAL INCOME	2,208,300	2,140,000	2,189,500	2,240,400
CAPITAL EXPENDITURE				
NEW SYSTEM ASSETS	\$	\$	\$	\$
Plant & Equipment	550,000	0	0	0
Land & Buildings	1,500,000	1,500,000	0	0
Mains - Developer Paid	40,000	40,000	40,000	40,000
Mains - Reticulation	800,000	0	0	0
Pump Stations & Bores	400,000	0	0	3,845,000
Reservoir Sites	880,000	0	0	1,000,000
Treatment Plant	50,000	0	0	0
TOTAL NEW SYSTEM ASSETS	4,220,000	1,540,000	40,000	4,885,000
RENEWALS	\$	\$	\$	\$
Plant & Equipment	1,288,000	1,200,000	1,200,000	1,200,000
Information technology	80,000	80,000	80,000	80,000
Furniture & Office Equipment	0	10,000	10,000	10,000
Land & Buildings	50,000	250,000	50,000	50,000
Mains - Trunk	4,150,000	1,680,000	2,480,000	300,000
Mains - Reticulation	2,000,000	3,500,000	2,530,000	1,400,000
Mains - Rural	400,000	430,000	430,000	600,000
Pump Stations & Bores	3,175,000	720,000	3,100,000	2,825,000
Reservoir Sites	5,550,000	1,550,000	1,450,000	150,000
Treatment Plant	1,530,000	30,000	30,000	1,580,000
Emergency Works	200,000	200,000	200,000	200,000
TOTAL NEW SYSTEM ASSETS	18,423,000	9,650,000	11,560,000	8,395,000
TOTAL CAPITAL INCOME	22,643,000	11,190,000	11,600,000	13,280,000

FEES & CHARGES



Goldenfields
Water

Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
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GOLDENFIELDS WATER COUNTY COUNCIL

Access Charges (Annual)

Residential

20mm Connection Quarterly Charge: \$55.50	\$212.00	\$222.00	Local Government Act 1993 Section 501	N
25mm Connection Quarterly Charge: \$87.00	\$332.00	\$348.00	Local Government Act 1993 Section 501	N
32mm Connection Quarterly Charge: \$143.00	\$544.00	\$572.00	Local Government Act 1993 Section 501	N
40mm Connection Quarterly Charge: \$222.50	\$848.00	\$890.00	Local Government Act 1993 Section 501	N
50mm Connection Quarterly Charge: \$348.50	\$1,328.00	\$1,394.00	Local Government Act 1993 Section 501	N
80mm Connection Quarterly Charge: \$891.00	\$3,394.00	\$3,564.00	Local Government Act 1993 Section 501	N

Non-Residential - Rural

20mm Connection Quarterly Charge: \$178.50	\$680.00	\$714.00	Local Government Act 1993 Section 501	N
25mm Connection Quarterly Charge: \$278.00	\$1,060.00	\$1,112.00	Local Government Act 1993 Section 501	N

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Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
32mm Connection Quarterly Charge: \$457.00	\$1,740.00	\$1,828.00	Local Government Act 1993 Section 501	N
40mm Connection Quarterly Charge: \$713.00	\$2,716.00	\$2,852.00	Local Government Act 1993 Section 501	N
50mm Connection Quarterly Charge: \$1,114.00	\$4,244.00	\$4,456.00	Local Government Act 1993 Section 501	N
80mm Connection Quarterly Charge: \$2,852.00	\$10,864.00	\$11,408.00	Local Government Act 1993 Section 501	N
20mm Connection - Trunk Main Consumers Transferred from RWCC Quarterly Charge: \$127.25	\$332.00	\$509.00	Local Government Act 1993 Section 501	N
25mm Connection - Trunk Main Consumers Transferred from RWCC Quarterly Charge: \$198.75	\$518.00	\$95.00	Local Government Act 1993 Section 501	N
Non-Residential - Other				
Includes: Commercial, Industrial, Institutional, Community, Direct and Remote				
20mm Connection Quarterly Charge: \$97.50	\$372.00	\$390.00	Local Government Act 1993 Section 501	N
25mm Connection Quarterly Charge: \$152.00	\$580.00	\$608.00	Local Government Act 1993 Section 501	N
32mm Connection Quarterly Charge: \$251.00	\$956.00	\$1,004.00	Local Government Act 1993 Section 501	N

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Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
40mm Connection Quarterly Charge: \$390.00	\$1,486.00	\$1,560.00	Local Government Act 1993 Section 501	N
50mm Connection Quarterly Charge: \$612.50	\$2,334.00	\$2,450.00	Local Government Act 1993 Section 501	N
80mm Connection Quarterly Charge: \$1,571.00	\$5,984.00	\$6,284.00	Local Government Act 1993 Section 501	N
100mm Connection Quarterly Charge: \$2,450.50	\$9,336.00	\$9,802.00	Local Government Act 1993 Section 501	N

Non-Residential - High Volume (Monthly)

20mm Connection Monthly Charge: \$28.00	\$318.00	\$336.00	Local Government Act 1993 Section 501	N
25mm Connection Monthly Charge: \$43.50	\$498.00	\$522.00	Local Government Act 1993 Section 501	N
32mm Connection Monthly Charge: \$71.00	\$816.00	\$852.00	Local Government Act 1993 Section 501	N
40mm Connection Monthly Charge: \$111.00	\$1,272.00	\$1,332.00	Local Government Act 1993 Section 501	N
50mm Connection Monthly Charge: \$174.00	\$1,992.00	\$2,088.00	Local Government Act 1993 Section 501	N

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Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
80mm Connection Monthly Charge: \$445.00	\$5,088.00	\$5,340.00	Local Government Act 1993 Section 501	N
100mm Connection Monthly Charge: \$663.00	\$7,956.00	\$8,352.00	Local Government Act 1993 Section 501	N
150mm Connection Monthly Charge: \$1,491.00	\$17,892.00	\$18,792.00	Local Government Act 1993 Section 501	N
Non-Residential - Bulk Councils				
Applied per equivalent no.of 20mm connections	\$144.00	\$152.00	Local Government Act 1993 Section 501	N
Vacant Unconnected Properties				
20mm Connection (applied to new subdivisions after 1/07/2011) Quarterly Charge: \$55.50	\$212.00	\$222.00	Local Government Act 1993 Section 552	N
25mm Connection (applied to new subdivisions after 1/07/2011) Quarterly Charge: \$87.00	\$321.00	\$348.00	Local Government Act 1993 Section 552	N
<u>Consumption Charges (per kilolitre)</u>				
* Excess Charges apply when allocated volumes exceeded				
Residential Charge - all consumption	\$2.60	\$2.73	Local Government Act 1993 Section 502	N
Non-Residential Rural - all consumption*	\$1.93	\$2.03	Local Government Act 1993 Section 502	N

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Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
Non-Residential Rural - Mandamah consumption*	\$2.60	\$2.73	Local Government Act 1993 Section 502 and Section 552	N
Non-Residential Rural - Trunk Main Consumers Transferred from RWCC*	\$1.66	\$1.82	Local Government Act 1993 Section 502	N
Non-Residential Other - all consumption*	\$2.16	\$2.27	Local Government Act 1993 Section 502	N
Non-Residential High Volume Monthly consumption*	\$2.35	\$2.47	Local Government Act 1993 Section 502	N
Non-Residential Bulk Council - all consumption	\$1.77	\$1.86	Local Government Act 1993 Section 502	N
*Excess Charges	\$4.00	\$4.20	Local Government Act 1993 Section 502	N

Water Filling Stations & Temporary Water Supply Charges

Water Filling Station Charges

AvData Key Deposit	\$50.00	\$50.00	Local Government Act 1993 Section 608	N
Minimum AvData when purchased at Goldenfields Water Office	\$60.00	\$60.00	Local Government Act 1993 Section 608	N

Standpipe / Temporary Water Supply Charges

Deposit for Non-Local Customer	\$1,000.00	\$1,000.00	Local Government Act 1993 Section 608	N
Short Term Hire (per week or part thereof)	\$90.00	\$95.00	Local Government Act 1993 Section 608	N
Annual Hire (per annum of part thereof - nil consumption allow)	\$350.00	\$368.00	Local Government Act 1993 Section 501	N
All Portable Standpipe Water Sales - per kilolitre - Commercial, Portable & Temporary	\$4.00	\$4.20	Local Government Act 1993 Section 502	N
Maximum Retail Charge - per kilolitre - Standpipe / Filling Station Water Sales	\$5.30	\$5.57	Local Government Act 1993 Section 502	N

Connection & Developer Charges

Water Connection & Development Proposals

Assess development proposals (incl subdivision, strata & community/neighbourhood plans - per connection) incl site inspection

Continued on next page...

Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
Single connection	\$315.00	\$330.00	Local Government Act 1993 Section 608	N
Up to 5 connections	\$245.00	\$257.00	Local Government Act 1993 Section 608	N
6 to 15 connections	\$220.00	\$231.00	Local Government Act 1993 Section 608	N
16 to 30 connections	\$190.00	\$200.00	Local Government Act 1993 Section 608	N
> 30 connections		POA	Local Government Act 1993 Section 608	N

Infrastructure Charges

Equivalent Tenement (ET) = 250 kilolitres per annum

Retail DSP areas (per ET)	\$7,800.00	\$7,800.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
Bulk Council DSP areas (per ET)	\$7,134.00	\$7,134.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N

Augmentation Charges - Tapping, Service and Meter Charges

Downsizing a Connection: half the regular cost of the resultant connection size

Augmentations: additional charges may apply where Dial Before You Dig indicates other services that require external location

20mm Connection	\$1,900.00	\$1,995.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
25mm Connection	\$2,100.00	\$2,205.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
32mm Connection	\$2,750.00	\$2,888.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N

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Name	Year 21/22 Fee (incl. GST)	Year 22/23 Fee (incl. GST)	Legislation	GST
40mm Connection	\$3,200.00	\$3,360.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
50mm Connection	\$3,750.00	\$3,938.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
> 50mm Connection		At Cost	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
20mm Connection where service pipe has already been laid	\$380.00	\$400.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
25mm Connection where service pipe has already been laid	\$480.00	\$504.00	Local Government Act 1993 (Water Management Act 2000) Section 64 (Section 306 WMA)/Section 608	N
NR Rural - Mandamah Annual Augmentation Charge (per Entity) - Stage 1 Quarterly Charge: \$132.75	\$531.00	\$531.00	Local Government Act 1993 Section 552	N
NR Rural - Mandamah Annual Augmentation Charge (per Entity) - Stage 2 Quarterly Charge: \$132.75	\$521.00	\$531.00	Local Government Act 1993 Section 552	N
NR Rural - Mandamah Annual Augmentation Charge (per Entity) - Stage 3 Quarterly Charge: \$132.75	\$511.00	\$531.00	Local Government Act 1993 Section 552	N
NR Rural - Mandamah Annual Augmentation Charge (per Entity) - Stage 4 Quarterly Charge: \$131.25	\$500.00	\$525.00	Local Government Act 1993 Section 552	N

Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
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Customer Services

Bulk Customer Charges

Bulk Customer - Backflow Device Testing (per device) plus additional hourly rates may apply	\$355.00	\$373.00	Local Government Act 1993 Section 608	N
Bulk Customer - Backflow Installation	\$1,910.00	\$2010.00	Local Government Act 1993 Section 608	N
Bulk Customer - Trunk Main New Connection	\$13,738.00	\$14,425.00	Local Government Act 1993 Section 608	N
Bulk Customer - Trunk Main Relocation During Construction Fee	\$6,312.00	\$6,628.00	Local Government Act 1993 Section 608	N

Backflow Prevention

*Charges apply to 20mm installation. Larger sizes charged at cost.

Installation of RPZD device (incl cost of device)*	\$1,030.00	\$1,080.00	Local Government Act 1993 Section 608	N
Inspection & Testing of Backflow Prevention Device (per device) plus additional hourly charges may apply	\$355.00	\$373.00	Local Government Act 1993 Section 608	N
Installation of Double Check Valve*	\$281.00	\$295.00	Local Government Act 1993 Section 608	N
Yearly Servicing of Double Check Valve	\$69.00	\$72.00	Local Government Act 1993 Section 608	N

Pipe Locations

Locate Only (min 1 Hour)	At Cost (min \$160/hr)	Local Government Act 1993 Section 608	N
Locate and Expose (min 24 hours' notice) (min 1 Hour)	At Cost (min \$160/hr)	Local Government Act 1993 Section 608	N

Continued on next page...

Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
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Engineering Services

Site Inspections (per visit)	\$320.00	\$335.00	Local Government Act 1993 Section 608	N
Pressure and Flow Test	\$360.00	\$380.00	N	
Pressure Testing of New Mains	\$875.00	\$919.00	Local Government Act 1993 Section 608	N
Chlorination / Disinfection of New Mains (per service)	\$875.00	\$919.00	Local Government Act 1993 Section 608	N
Cutting in of New Mains		At Cost	Local Government Act 1993 Section 608	N
Attend Bursts or Emergency Repairs - during developer defect liability period		At Cost	Local Government Act 1993 Section 608	N
Site Survey (per day)	\$960.00	\$1,010.00	Local Government Act 1993 Section 608	N
Design and Drafting including Plans (per day)	\$1,050.00	\$1,102.00	Local Government Act 1993 Section 608	N
Review Developer Designs and Documentation		At Cost	Local Government Act 1993 Section 608	N
Engineering Consult per hour (min 1 hour)	\$160.00	\$170.00	Local Government Act 1993 Section 608	N

Private Works

Private Works Admin Fee		10% (Max \$500)	Local Government Act 1993 Section 608	Y
Hire rates for Labour, Plant & Equipment		POA	Local Government Act 1993 Section 608	Y

Other Charges

Administrative Fees

Administration

S603 Certificate - Search Enquiry Certificate Fee (State Govt scheduled fee) - per property	\$90.00	\$90.00	Local Government Act 1993 Section 603	N
S603 Certificate Urgency Fee - process in less than three working days (incl Certificate)	\$180.00	\$180.00	Local Government Act 1993 Section 603 and Section 608	N
Restriction / Disconnection Attendance Fee - Permanent or Temporary (non-payment of account or at customer request)	\$160.00	\$170.00	Local Government Act 1993 Section 608	N
Reconnection Fee after Temporary Restriction / Disconnection	\$160.00	\$170.00	Local Government Act 1993 Section 608	N
Debt Recovery Attendance Fee (serving notices)	\$160.00	\$170.00	Local Government Act 1993 Section 608	N

Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
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Meter Test Deposit

Non-refundable if meter registers less than 4% more than the correct quantity

20 or 25mm meter	\$154.00	\$162.00	Local Government Act 1993 Section 608	N
32 or 40mm meter	\$234.00	\$246.00	Local Government Act 1993 Section 608	N
50 or 80mm meter	\$258.00	\$271.00	Local Government Act 1993 Section 608	N
> 80mm meter	\$310.00	\$325.00	Local Government Act 1993 Section 608	N

Special Meter Reading

Refundable if routine reading by Council is in error

Routine service (min 48 hours notice)	\$93.00	\$98.00	Local Government Act 1993 Section 608	N
Same Day Service	\$160.00	\$170.00	Local Government Act 1993 Section 608	N
Special Enquiry/Certificate/Attendance Fee per hour (min 1 hour)	\$160.00	\$170.00	Local Government Act 1993 Section 608	N

Other

Interest on Overdue Accounts (State Govt scheduled rate)		9%	Local Government Act 1993 Section 566	N
Processing of Dishonoured Cheques	\$55.00	\$55.00	Local Government Act 1993 Section 608	N
Processing of Dishonoured Direct Debit (initial \$0, each subsequent dishonour)	\$25.00	\$25.00	Local Government Act 1993 Section 608	N
Reallocate Electronic Payment of Water Account	\$10.00	\$10.00	Local Government Act 1993 Section 608	N
Copy of Documents (per copy) when freely available from website	\$35.00	\$37.00	Local Government Act 1993 Section 608	N
Printing / Photocopying - A4 Black & White	\$0.50	\$0.50	Local Government Act 1993 Section 608	N
Printing / Photocopying - A4 Colour	\$2.00	\$2.00	Local Government Act 1993 Section 608	N
Printing / Photocopying - A3 Black & White	\$1.00	\$1.00	Local Government Act 1993 Section 608	N
Printing / Photocopying - A3 Colour	\$3.00	\$3.00	Local Government Act 1993 Section 608	N
Copy - Water Notice	\$10.00	\$10.00	Local Government Act 1993 Section 608	N
Copy - Water Account Financial Data	\$10.00	\$10.00	Local Government Act 1993 Section 608	N
Copy - S603 Certificate	\$10.00	\$10.00	Local Government Act 1993 Section 608	N

Name	Year 22/23 Fee (incl. GST)	Year 23/24 Fee (incl. GST)	Legislation	GST
------	----------------------------------	----------------------------------	-------------	-----

Government Information (Public Access) Act 2009 Requests

Application Fee	\$30.00	\$30.00	Government Information (Public Access) Act 2009 Section 41	N
Processing Charge (/hr after first 20hrs)	\$30.00	\$30.00	Government Information (Public Access) Act 2009 Section 41	N
Internal Review	\$40.00	\$40.00	Government Information (Public Access) Act 2009 Section 41	N
Amendment to Records		No Cost		N

RESOURCING STRATEGY





LONG TERM FINANCIAL PLAN

LONG TERM FINANCIAL PLAN

FUNDING THE DELIVERY PROGRAM

Council has prepared a Long Term Financial Plan (LTFP) to inform decision making and demonstrates how the objectives of the Business Activity Strategic Plan (BASP) and the commitments made in the Delivery Program and Operational Plan will be resourced and funded.

The LTFP captures the financial implications of asset management and workforce planning by identifying how Council's assets will be renewed, upgraded or increased and provisions for maintenance of required service levels.

The LTFP has been developed for a period of 10 years and is based on the required capital upgrades as set out in the Asset Management Strategy and Asset Class plans, as well as potential asset acquisitions required due to service level improvements identified such as the West Wyalong pressure improvements and potential new developments.

Planning assumptions:

- Conservative average water sales projections of 7,250ML per annum
- 3% per annum price increases
- 3% per annum increase in employee costs
- 2.5% per annum increase in other operational expenditure
- Capital Work program based on 10 year asset plan developed by engineering staff

Financial modelling:

The main source of potential budget variance in Council's financial modelling is related to water sales, which is the primary source of Council's operating income. This is due to water sales being dependent on weather conditions – that is, during wet years, demand for water sales will naturally be lower, and during drought or dry conditions, demand for water will be higher. Weather conditions generally run in cycles where there are approximately two years of extremely wet weather conditions out of every seven to ten years, the remaining years are generally average or dry conditions.

In modelling Council's long term financial plan, water sales projections have been modelled on conservative average water sales, to average out the cycles in weather that will occur over the ten year period. Scenarios have been produced which show the results of a wet and also a dry year. During a wet year, it would be anticipated that water sales would be approximately \$1.5 million lower than budget, which reduces the operating result as well as cash and investment balances by this amount. During dry years, water sales could be anywhere up to \$3 million higher than budget, increasing the operating result and cash and investment balances by this amount.

Operating expenditure is stable and does not vary substantially, other than by standard indexation.

Capital expenditure is projected to have a baseline \$8 million of annual expenditure, with some years having additional projects based on Council's asset planning requirements.

10 YEAR BUDGET ESTIMATES & FINANCIAL PLANNING

Scenario 1

GOLDENFIELDS WATER COUNTY COUNCIL											
INCOME STATEMENT	Current Year	Projected Years									
	2021/22 \$'000	2022/23 \$'000	2023/24 \$'000	2024/25 \$'000	2025/26 \$'000	2026/27 \$'000	2027/28 \$'000	2028/29 \$'000	2029/30 \$'000	2030/31 \$'000	2031/32 \$'000
Income from Continuing Operations											
Rates & Annual Charges	5,585	5,478	5,642	5,812	5,986	6,166	6,351	6,541	6,737	6,939	7,148
User Charges & Fees	14,347	15,725	16,195	16,680	17,179	17,693	18,222	18,767	19,328	19,907	20,502
Other Revenues	126	145	148	151	154	157	160	163	167	170	173
Grants & Contributions provided by Operating Purposes	85	85	85	85	85	85	85	85	85	85	85
Grants & Contributions provided for Capital Purposes	1,500	6,225	3,563	1,576	1,615	1,656	1,697	1,740	1,783	1,828	1,873
Interest & Investment Revenue	420	390	210	140	140	140	140	140	140	140	140
Total Income from Continuing Operations	22,064	28,048	25,843	24,443	25,159	25,896	26,655	27,436	28,240	29,069	29,921
Expenses from Continuing Operations											
Employee Benefits & On-Costs	6,885	6,876	6,788	6,986	7,190	7,399	7,615	7,837	8,066	8,301	8,543
Materials & Contracts	7,800	8,015	8,212	8,413	8,620	8,832	9,049	9,272	9,500	9,733	9,973
Depreciation & Amortisation	8,300	8,370	8,537	8,708	8,882	9,060	9,241	9,426	9,614	9,807	10,003
Other Expenses	300	300	306	313	319	325	332	338	345	352	359
Total Expenses from Continuing Operations	23,285	23,561	23,843	24,420	25,011	25,617	26,237	26,873	27,525	28,193	28,878
Net Operating Result for the Year	(1,221)	4,487	2,000	23	148	279	417	563	715	875	1,043
Net Operating Result before Grants and Contributions provided for Capital Purposes	(2,721)	(1,783)	(1,563)	(1,553)	(1,467)	(1,376)	(1,280)	(1,177)	(1,068)	(952)	(830)

10 Year LTFP based on average water sales

Scenario 2

GOLDENFIELDS WATER COUNTY COUNCIL											
INCOME STATEMENT	Current Year	Projected Years									
	2021/22 \$'000	2022/23 \$'000	2023/24 \$'000	2024/25 \$'000	2025/26 \$'000	2026/27 \$'000	2027/28 \$'000	2028/29 \$'000	2029/30 \$'000	2030/31 \$'000	2031/32 \$'000
Income from Continuing Operations											
Rates & Annual Charges	5,585	5,478	5,642	5,812	5,986	6,166	6,351	6,541	6,737	6,939	7,148
User Charges & Fees	14,347	14,258	16,195	16,680	17,179	17,693	18,222	18,767	19,328	19,907	20,502
Other Revenues	126	145	148	151	154	157	160	163	167	170	173
Grants & Contributions provided by Operating Purposes	85	85	85	85	85	85	85	85	85	85	85
Grants & Contributions provided for Capital Purposes	1,500	6,225	3,563	1,576	1,615	1,656	1,697	1,740	1,783	1,828	1,873
Interest & Investment Revenue	420	390	210	140	140	140	140	140	140	140	140
Total Income from Continuing Operations	22,064	26,581	25,843	24,443	25,159	25,896	26,655	27,436	28,240	29,069	29,921
Expenses from Continuing Operations											
Employee Benefits & On-Costs	6,885	6,876	6,788	6,986	7,190	7,399	7,615	7,837	8,066	8,301	8,543
Materials & Contracts	7,800	8,015	8,212	8,413	8,620	8,832	9,049	9,272	9,500	9,733	9,973
Depreciation & Amortisation	8,300	8,370	8,537	8,708	8,882	9,060	9,241	9,426	9,614	9,807	10,003
Other Expenses	300	300	306	313	319	325	332	338	345	352	359
Total Expenses from Continuing Operations	23,285	23,561	23,843	24,420	25,011	25,617	26,237	26,873	27,525	28,193	28,878
Net Operating Result for the Year	(1,221)	3,020	2,000	23	148	279	417	563	715	875	1,043
Net Operating Result before Grants and Contributions provided for Capital Purposes	(2,721)	(3,205)	(1,563)	(1,553)	(1,467)	(1,376)	(1,280)	(1,177)	(1,068)	(952)	(830)

10 Year LTFP based on Low water sales for 2022 / 2023 year

Scenario 3

GOLDENFIELDS WATER COUNTY COUNCIL											
INCOME STATEMENT	Current Year	Projected Years									
	2021/22 \$'000	2022/23 \$'000	2023/24 \$'000	2024/25 \$'000	2025/26 \$'000	2026/27 \$'000	2027/28 \$'000	2028/29 \$'000	2029/30 \$'000	2030/31 \$'000	2031/32 \$'000
Income from Continuing Operations											
Rates & Annual Charges	5,585	5,478	5,642	5,812	5,986	6,166	6,351	6,541	6,737	6,939	7,148
User Charges & Fees	14,347	18,915	16,195	16,680	17,179	17,693	18,222	18,767	19,328	19,907	20,502
Other Revenues	126	145	148	151	154	157	160	163	167	170	173
Grants & Contributions provided by Operating Purposes	85	85	85	85	85	85	85	85	85	85	85
Grants & Contributions provided for Capital Purposes	1,500	6,225	3,563	1,576	1,615	1,656	1,697	1,740	1,783	1,828	1,873
Interest & Investment Revenue	420	390	210	140	140	140	140	140	140	140	140
Total Income from Continuing Operations	22,064	31,238	25,843	24,443	25,159	25,896	26,655	27,436	28,240	29,069	29,921
Expenses from Continuing Operations											
Employee Benefits & On-Costs	6,885	6,876	6,788	6,986	7,190	7,399	7,615	7,837	8,066	8,301	8,543
Materials & Contracts	7,800	8,015	8,212	8,413	8,620	8,832	9,049	9,272	9,500	9,733	9,973
Depreciation & Amortisation	8,300	8,370	8,537	8,708	8,882	9,060	9,241	9,426	9,614	9,807	10,003
Other Expenses	300	300	306	313	319	325	332	338	345	352	359
Total Expenses from Continuing Operations	23,285	23,561	23,843	24,420	25,011	25,617	26,237	26,873	27,525	28,193	28,878
Net Operating Result for the Year	(1,221)	7,677	2,000	23	148	279	417	563	715	875	1,043
Net Operating Result before Grants and Contributions provided for Capital Purposes	(2,721)	1,452	(1,563)	(1,553)	(1,467)	(1,376)	(1,280)	(1,177)	(1,068)	(952)	(830)

10 Year LTFP based on Higher than Average water sales for 2022 / 2023 year



WORKFORCE MANAGEMENT PLAN

2022-2026

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WHAT IS THE WORKFORCE PLAN?

Goldenfields Water's Workforce Plan 2022-2026 (the Plan) maximises the capacity of Council's workforce resources to meet the objectives of the Business Activity Strategic Plan (BASP). The Plan complies with the Office of Local Government's Integrated Planning and Reporting requirements and is an integral to ensuring that Goldenfields Water has the right people in the right roles, at the right time to continue to deliver a quality water supply to our customers and constituent councils.

STRATEGY DEVELOPMENT

The key steps in developing this workforce plan:

1. Where are we now?

Initially Goldenfields Water's current workforce profile was documented and analysed. This analysis enabled Council to identify the risks associated with the current structure of the business, and opportunities to optimise the use of current resources to ensure organisational efficiencies and operational effectiveness.

2. Where do we need to be?

Following this, an analysis of the items set out in Council's Delivery Program and Operational Plan was conducted in conjunction with workforce projections as determined by management. This information was then used to gauge the future needs of Council to ensure that our strategic goals could be met in consideration of the Long-Term Financial Plan. The gaps within our current workforce were identified, along with the strategies and potential actions to reduce these issues.

3. How do we get there?

The development of strategies as outlined in this document will ensure that Council has the right people in the right jobs at the right time. Implementation of these strategies will be undertaken over a 4-year period. To ensure relativity and continuous improvement to the identified strategies, and the success of each strategy; this document will be monitored and reviewed on an on-going basis.

ORGANISATIONAL STRUCTURE

Goldenfields Water strives to deliver quality water supply and associated services to our community in line with directives set out in our BASP.

Goldenfields Water's organisational structure as shown below, operates under the direction of our Elected Council who represent our constituent communities, along with five business units being the General Manager's Office, Production & Services, Engineering, Corporate Services and operations.

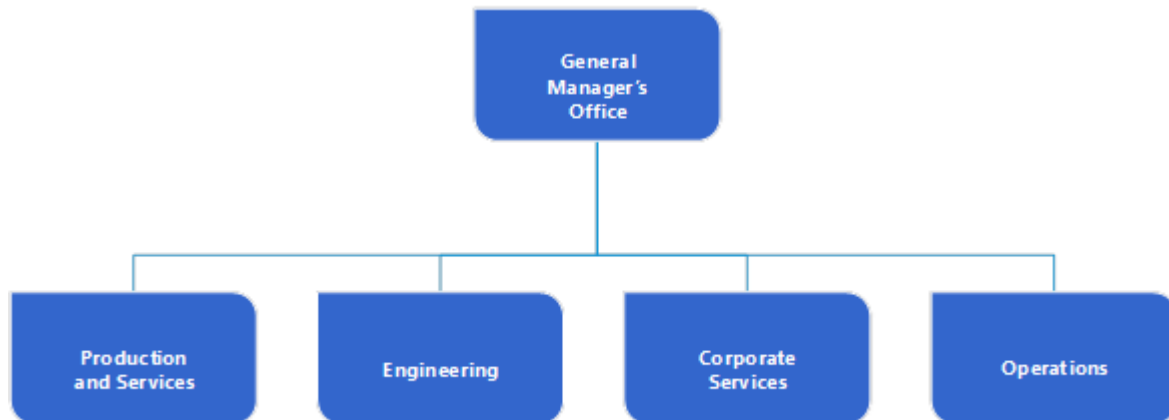


Figure 2: Goldenfields Water Organisational Chart.

OUR WORKFORCE

WORKFORCE PROFILE

As at 30 March 2022, Goldenfields Water has a headcount of 73 staff members. The figures below visualise the current make-up of our workforce.

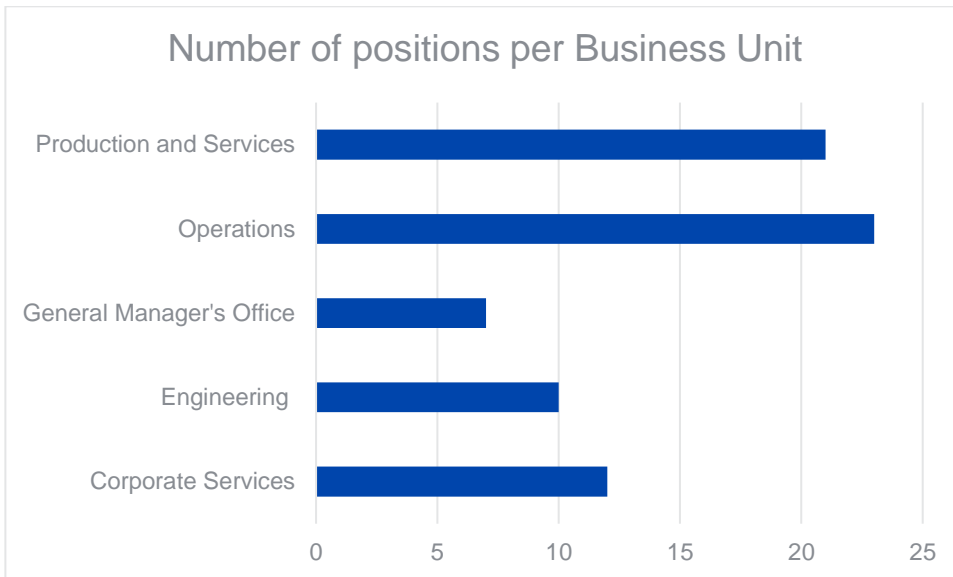


Figure 3: Number of positions per Business Unit.

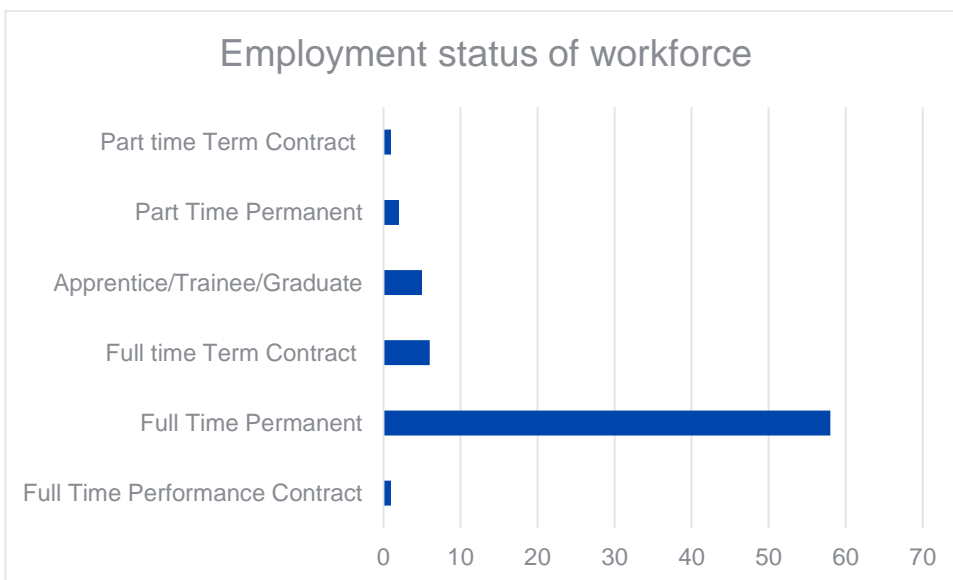


Figure 4: Employment status of workforce.

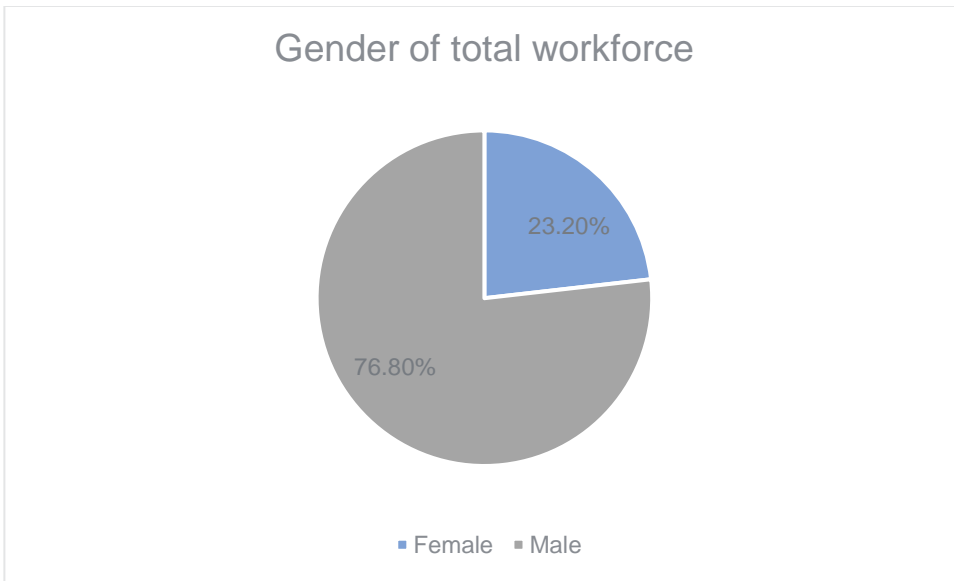


Figure 5: Gender of total workforce.

CORPORATE POSITION	Male	Female	TOTAL
Executive	1	0	1
Manager	2	2	4
Coordinator	7	2	9
Team Leader (Other supervisory)	2	1	3

Gender distribution by position type.

Figure 6:

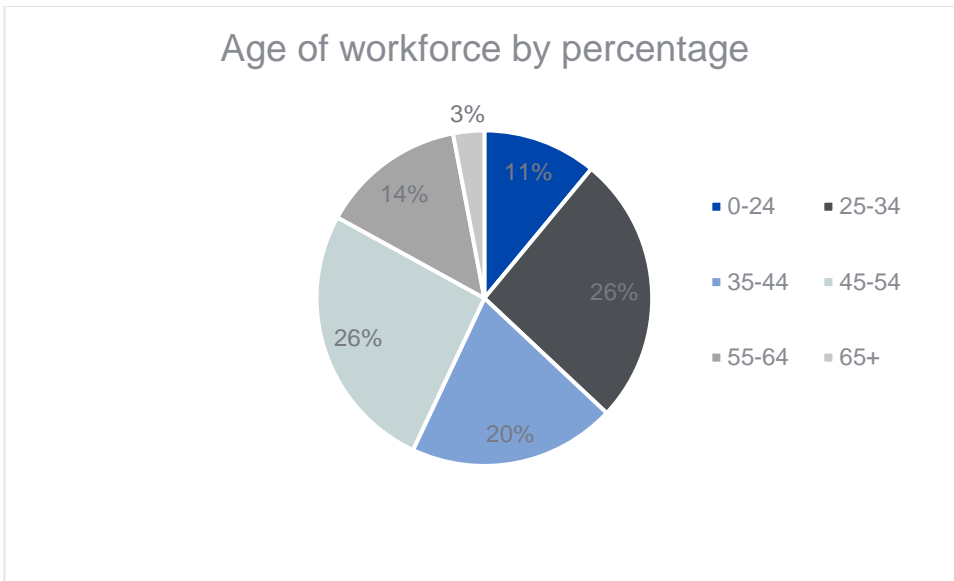


Figure 8: Age of workforce by percentage.

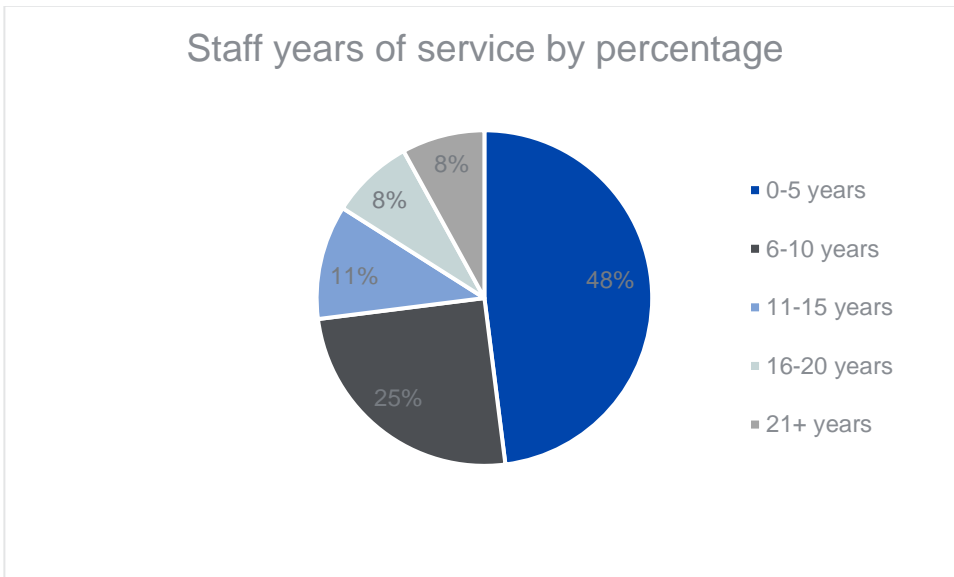


Figure 9: Staff years of service to Goldenfields Water by percentage.

WORKFORCE ANALYSIS

Analysis of the above figures draws a number of broad conclusions:

- Goldenfields Water's current workforce comprises of a total of 73 staff members; 80% of which are employed on a full-time, permanent basis.
- 7% of Goldenfields Water's workforce is made up of trainee/apprentice/cadet positions, making evident Goldenfields Water's commitment to providing learning opportunities to the residents within our constituent communities.

GENDER

- Goldenfields Water's workforce is male dominated with only 23.2% of total employees being female, however further analysis of the types of roles within Goldenfields Water determines that 70% of positions within the organisation are typically 'male dominated' (i.e. roles within Operations, Production & Services and Engineering).
- With the removal of the gender biased roles, women make up approximately half of Goldenfields Water's workforce.
-

AGE & YEARS OF SERVICE OF WORKFORCE

- In contrast to a large majority of local government organisations, Goldenfields Water's workforce is relatively young. The equally largest proportion of the workforce is aged between 25-34 years (26%), with 37% of the total workforce being under the age of 34.
- The youth of Goldenfields Water's workforce is also reflected in the years of service within the workforce where 48% of Goldenfields Water's employees hold less than five years' service and only 8% of employees having exceeded twenty-one years of service.
- 11% of the workforce are anticipated to retire in the next five years. The majority of people whom Goldenfields Water expect to lose as a result of retirement are amongst those who have contributed the most extensive lengths of service to Goldenfields Water.

EQUAL EMPLOYMENT OPPORTUNITY

In accordance with our Equal Employment Opportunity (EEO) Policy, Goldenfields Water is committed to ensuring our status as an EEO Employer.

We recognise the value of a diverse workforce and prohibit discrimination of any form within our workplace. This is supported through a number of workplace policies and procedures, together with embedded practices to ensure that our processes and systems are fair, equitable and do not disadvantage people because they belong or identify to a particular group and/or groups.

Goldenfields Water's Employment Opportunity Policy can be viewed [here](#).

CHALLENGES EXPECTED

Goldenfields Water will face a number of challenges over the coming four-year period that this strategy covers.

The challenges likely to impact Goldenfields Water are set out below:

AGEING WORKFORCE

Whilst the majority of Goldenfields Water's workforce does not fall into age brackets considered to be ageing at the time this document was written, it is noted that throughout the term of this plan a further 11% per cent of our workforce will creep into the 45-54 age bracket, largely shifting our current age distribution as pictured at Figure 8. In addition, approximately 10% of Goldenfields Water's workforce is expected to retire in the next five years. The biggest risk associated with these facts is the loss of critical organisational knowledge. As a result of this, there is a need for Goldenfields Water to focus on transferring key knowledge and skills to our more recently appointed staff to ensure that valuable business knowledge is not lost in transition.

CHANGING NATURE OF WORK

With the progress of Goldenfields Asset management maturity, an increase in the Capital Works program to catch-up on the asset backlog has been essential. In the Financial years 2022/23 and 2023/24 the Capital works program is budgeted at between \$21M and \$23M, with a sudden drop to around \$11M in 2024/25 then \$8.5M by 2027/28.

To achieve this massive increase in the Capital program for the limited period short term Council needs to look at options to increase the staffing levels. The sudden reduction in Capital budgets will then require a comparable reduction in staffing numbers as Goldenfields will no longer be able to support the extra staffing levels. A more reasonable option would be for Goldenfields to engage staff on short term contracts during the higher Capital expenditure periods only. The contracted staff will include the need for specialist contract management and engineering staff, as well as short term contracted labour to assist in delivery.

SKILL SHORTAGES

The National Skills Commission (NSC) produces the Priority List (SPL) annually to review the national skills needs of Australia. The SPL provides a current labour market rating and a future demand rating for occupations nationally. Current labour market ratings are available for occupations at a state and territory level. The future demand rating is a proportional measure that expresses the prospects for an occupation relative to that occupation's size.

Based on the 2021 SPL, areas to undergo skills shortages that may have potential impacts on the operation of Goldenfields Water include:

- Engineering;
- Accounting/Finance Management; and
- Information & Communications Technology.

As a result of the Goldenfields Water's rural location, this challenge will continue to be amplified in comparison to other like organisations in coastal and metropolitan areas. This challenge is driven by a difficulty to attract and maintain skilled personnel to our regional area.

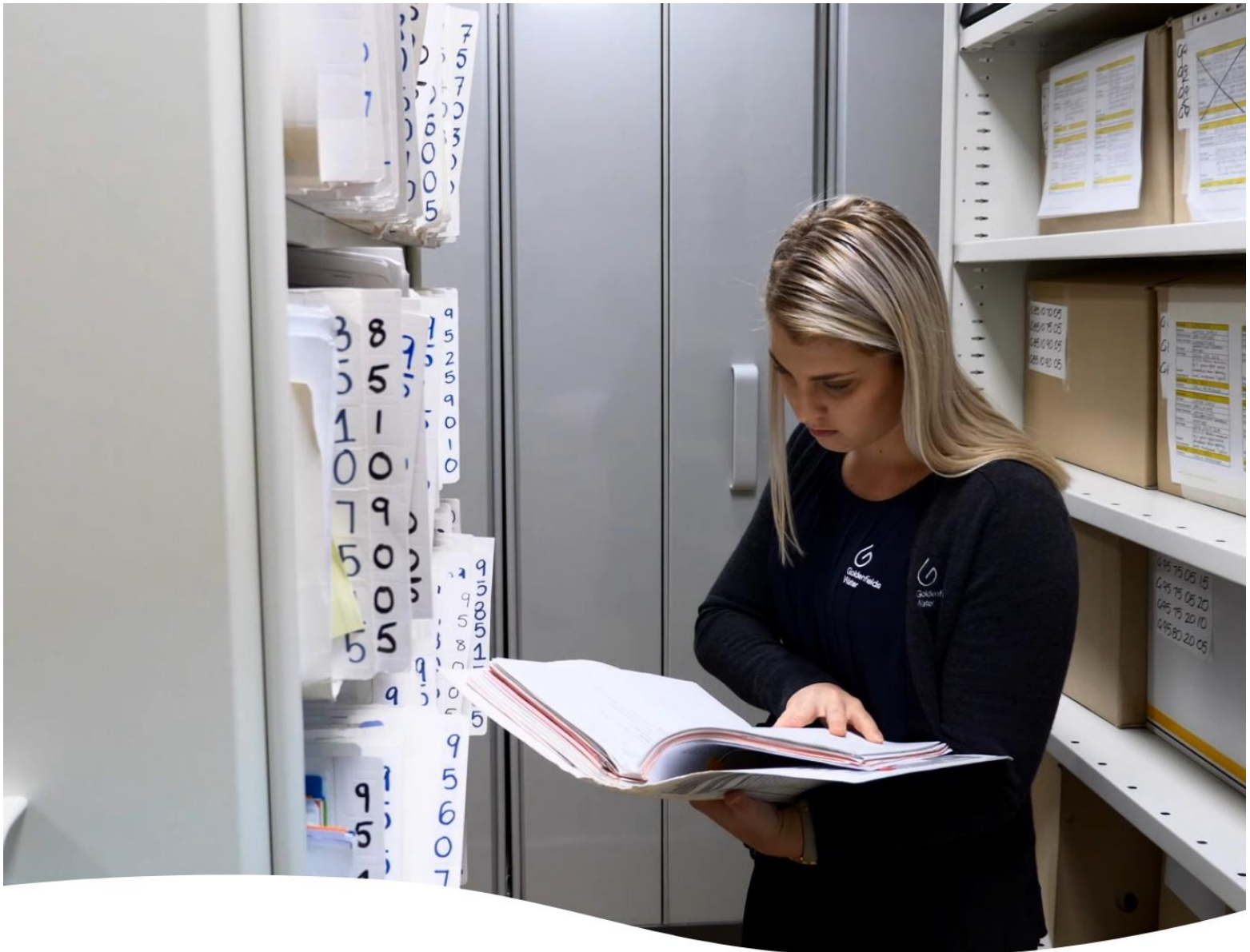
EMPLOYEE ENGAGEMENT & DEVELOPMENT

With over 50% of Goldenfields Water's workforce currently made up of Generation Z (aged from 10 to 25) and Millennials (aged from 26 to 41), it is imperative that our organisation provides training and development opportunities. This is to ensure that our staff are highly skilled in their relevant fields to maintain and promote staff engagement. Equally, it is vital that supervisory staff are competent in the fields of performance management, target setting and driving innovation to ensure that our emerging workforce remains engaged and driven to succeed.

As a result of Goldenfields Water's regional location, it has proven to be difficult for staff to access training and professional development opportunities in a cost-effective way. Being a smaller organisation, the opportunities for staff to act in higher grade roles to attain such development opportunities can be limited. Further, the opportunity to network can also be greatly restricted. As a result of this, Goldenfields Water ought to find more unique ways to ensure staff engagement and loyalty.

HEALTH & WELLBEING

Mentally healthy workplaces are positive and productive. They are environments where people want to come to work. Goldenfields Water is committed to the provision of a safe workplace for all our staff. The growing knowledge surrounding the link between employee health and well-being and employee performance has resulted in the need for Goldenfields Water to invest in the health of our staff. Evidence shows that that this brings about a multitude of benefits to both the organisation and the employee including enhanced performance and productivity, reduced staff-related costs, positive workplace culture and improved wellbeing. Goldenfields Water must ensure that our workforce management encompass health and wellbeing initiatives.



WORKFORCE MANAGEMENT STRATEGIES

Goldenfields Water will implement a number of initiatives, actions and strategies over the next four years to ensure effective workplace planning and efficient resourcing. These initiatives are divided in to two broad areas which link to the BASP.

These are:

1. Well trained and highly motivated workforce
2. Safe healthy and risk managed working environment exists for staff and the community.

Action	Performance target	Measure	Responsibility	22/23	23/24	24/25	25/26
2.1 Well trained highly motivated workforce	Staff professional development opportunities	Staff Development Plan process incorporates employee development through informal and formal professional development and training opportunities.	HR Coordinator	X	X	X	X
	Build a diverse workforce	Action items from Goldenfields Water's EEO Management 2021-2025 implemented	HR Coordinator	X	X	X	X
	Measure and improve employee engagement	Develop, implement, and monitor organisation-wide training plan to ensure available funds for required training focusing on skills gaps and leadership	HR Coordinator	X	X	X	X
		Staff survey undertaken.	HR Coordinator	X		X	
2.2 Safe healthy and risk managed working environment exists for staff and the community	Implement WHS Program	Health and Wellbeing Strategy implemented	HR Coordinator	X	X	X	X

IMPLEMENTATION & MONITORING

Implementation of the Plan is directly aligned with the goals and objectives of the BASP. It is the responsibility of all staff to support and engage in ensuring the Plan is implemented.

The Plan will be coordinated by the Human Resources Coordinator and monitored by Goldenfields Water's management team (MANEX).



ASSET MANAGEMENT STRATEGY

2022-2032

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INTRODUCTION

PURPOSE OF THIS PLAN

Asset management planning is a comprehensive process to ensure delivery of services from infrastructure is provided in a financially sustainable manner.

This plan provides an overview of existing assets, capital works program and asset management strategies for a 30 year planning period. Assets covered in this plan are water infrastructure assets, plant and equipment assets and other.

GOLDENFIELDS WATER TOTAL ASSET MANAGEMENT

Goldenfields Water maintains a suite of strategic asset management documents and systems that informs the way we capture, store and utilise asset information. These include:

- Asset knowledge documents and systems used to collate and store asset information and includes but is not limited to condition manual, asset register, financial system, GIS etc. This information is fed into the strategic systems.
- Strategic management documents and systems that deal with the management of assets and set the strategic direction for the Council. These include this plan, the asset class management plans, asset management framework and asset management policy
- Project delivery documents and systems are used to identify, prioritise, stage, plan and execute projects and include project prioritisation model, staging and investment model project planning and project reporting.

The strategic asset management documents inform the Long Term Financial Plan and the Capital Works Program.

ASSETS OVERVIEW

Water Infrastructure

Water infrastructure is broken down into the following four asset classes; network (pipelines and valves), pump stations, reservoirs and treatment.

Plant and equipment

Goldenfields Water owns and maintains plant and equipment including passenger vehicles, heavy plant and machinery required to undertake business activities.

Other

Other assets include items required for the business to function which aren't water infrastructure or plant. These include items such as administration and depot buildings, stores and communications network.

GOLDENFIELDS WATER SUPPLY

The purpose of the Water Network asset class is to transport water between assets from source to meter. Goldenfields Water operates 5 schemes which are supplied from differing sources as follows:

- Jugiong – supplied from surface water (Murrumbidgee River)
- Oura – supplied from a bore field (Bore field located within the Wagga Wagga Alluvial Ground Water Source)
- Mt Arthur – supplied from a bore field (Bore field located within the Mid Murrumbidgee Zone 3 Alluvial Ground Water Source)
- Daylight – supplied from a bore field (Bore field located within the Lachlan Alluvial ground Water Source). Note the supply infrastructure is shared with Carrathool Shire Council
- Hylands Bridge – supplied from surface water (Supplied by Murrumbidgee Irrigation). Note this scheme supplies non-potable water

These schemes are best represented via the scheme map in figure 1.

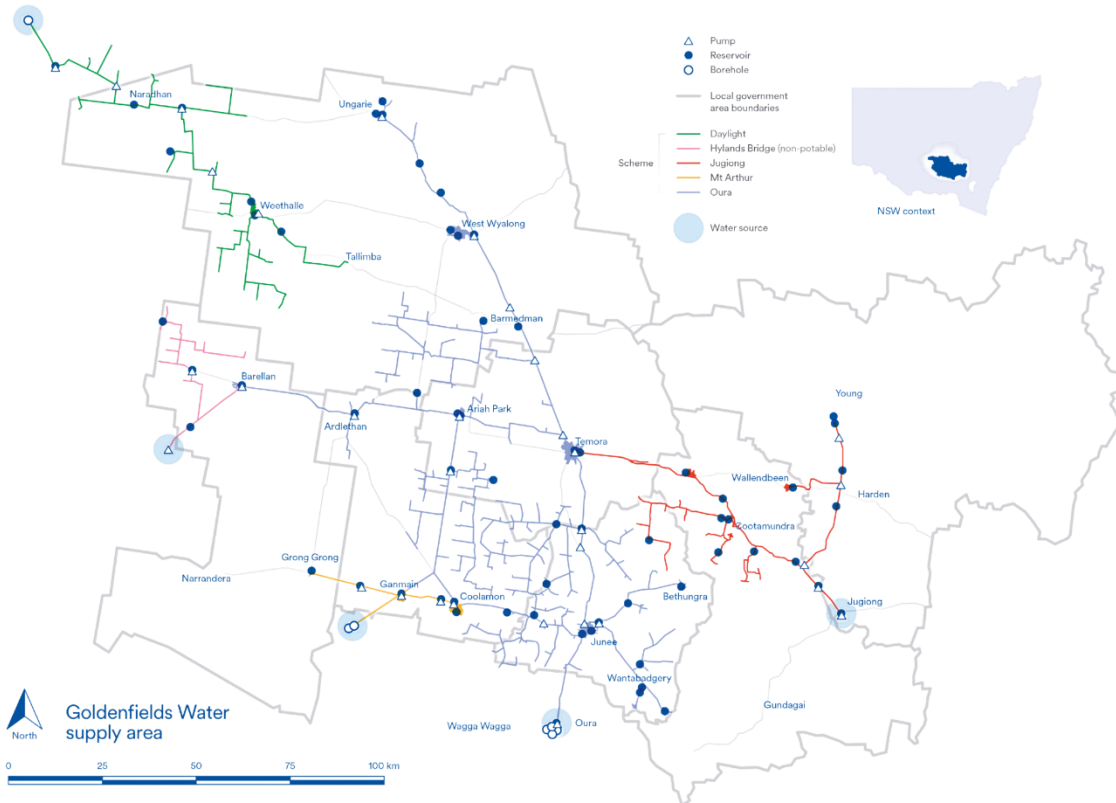


Figure 1: GWCC Supply Network

Goldenfields Water supplies water directly to approximately 11,000 rural, residential, commercial and other properties within the following local government areas:

- Junee Shire Council
- Temora Shire Council
- Bland Shire Council
- Coolamon Shire Council
- Cootamundra Gundagai Regional Council (excluding the township of Cootamundra)
- Parts of Narrandera Shire Council (Barellan and Binya)

Bulk water is also supplied to the following Councils who operate their own reticulation system:

- Cootamundra-Gundagai Council
- Hilltops Council
- Riverina Water County Council

KEY MESSAGES

The key messages to be taken from this document are as follows:

- There is currently a concerning amount of assets in very poor and poor condition which present a high risk of failures, unplanned service interruptions and increased operating costs
- In order to address both the current backlog of works and those that will fall due over the 30 year planning horizon, it is imperative for Goldenfields Water to prioritise their resources to undertaking asset renewals.
- Undertaking projects that aim to improve pressure or water quality are likely to negatively impact the resource availability to deliver the required asset renewals.
- Projects to increase Goldenfields Water's current supply area (not including general developments) need to undertake a business case to determine long term costs and benefits.
- It is recommended that projects aimed to improve current service levels or extend our service area should consider alternate funding paths such as grant funding, borrowing or increasing rates. These projects should only be delivered if unlikely to affect staff ability to deliver the required renewals and are unlikely to negatively impact future operation and maintenance costs

WATER INFRASTRUCTURE

WATER INFRASTRUCTURE ASSETS

Water infrastructure refers to the physical assets required for the extraction, treatment, storage, conveyance and supply of water from source to customer.

The water infrastructure assets are broken down into the following asset classes:

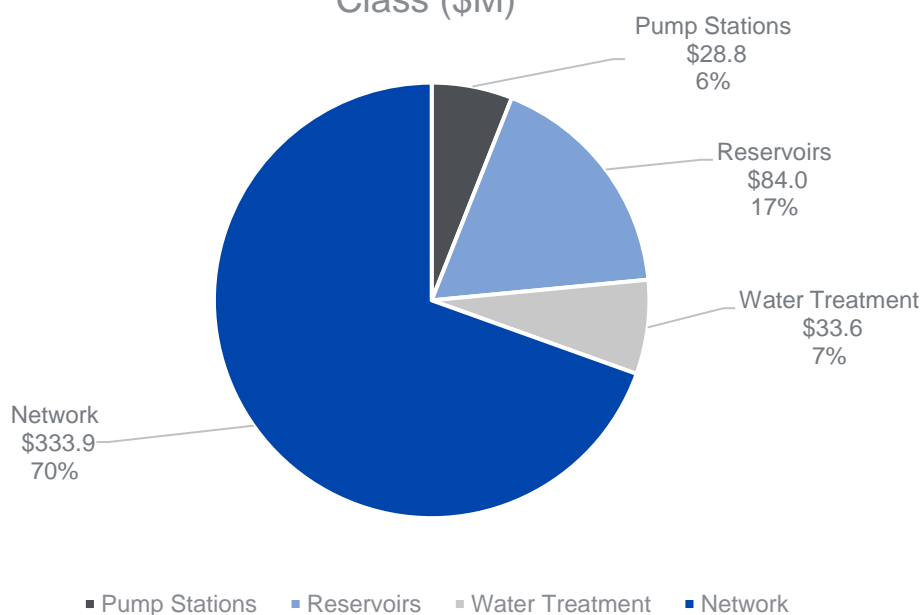
- Water networks – pipes and nodes (valves) which are further broken down into:
 - Trunk – transport mains that typically transport large volumes of water from one location to another
 - Urban – reticulation mains within a township. These are typically fed by a town reservoir
 - Rural – reticulation mains in rural areas
- Reservoirs – Includes the reservoir structures, ancillary structures such as ladders, platforms etc and the pipework and nodes located within the reservoir boundary
- Pump stations and bores – includes pump and supporting components such as bore casings, buildings, motors, electrical components, pipes and nodes located within the pump station boundary
- Water treatment plants – Considers water treatment assets including treatment plant, buildings, filters, hoppers, chemical dosing, rechlorination points, treatment pumps such as chemical dosing pumps but excludes water transport pumps such as raw water pumps and pumping treated water from the plant to the network.

WATER INFRASTRUCTURE FINANCIAL OVERVIEW

As of the 30 June 2021 the Current Replacement Cost of water infrastructure assets was valued at approximately \$480 million. The following pie chart shows the breakdown per asset class. As can be seen below the water network (pipes and valves) accounts for 70% of the water infrastructure assets.

Figure 2: Pie Chart of Water Infrastructure Asset Classes

Current Replacement Cost of Water Infrastructure by Asset Class (\$M)



The following table provides additional financial data of the asset classes. On average the assets are approximately 50% depreciated. The annual depreciation of water infrastructure assets (shown below as \$6.8M) is often perceived as the average annual capital spend required to maintain the existing levels of service through the renewal of existing assets. Goldenfields Water’s 30 year capital works program (refer to section 6 below) exceeds this average in order to address the current backlog of works.

Table 1: Water Infrastructure Asset Classes Financial Information

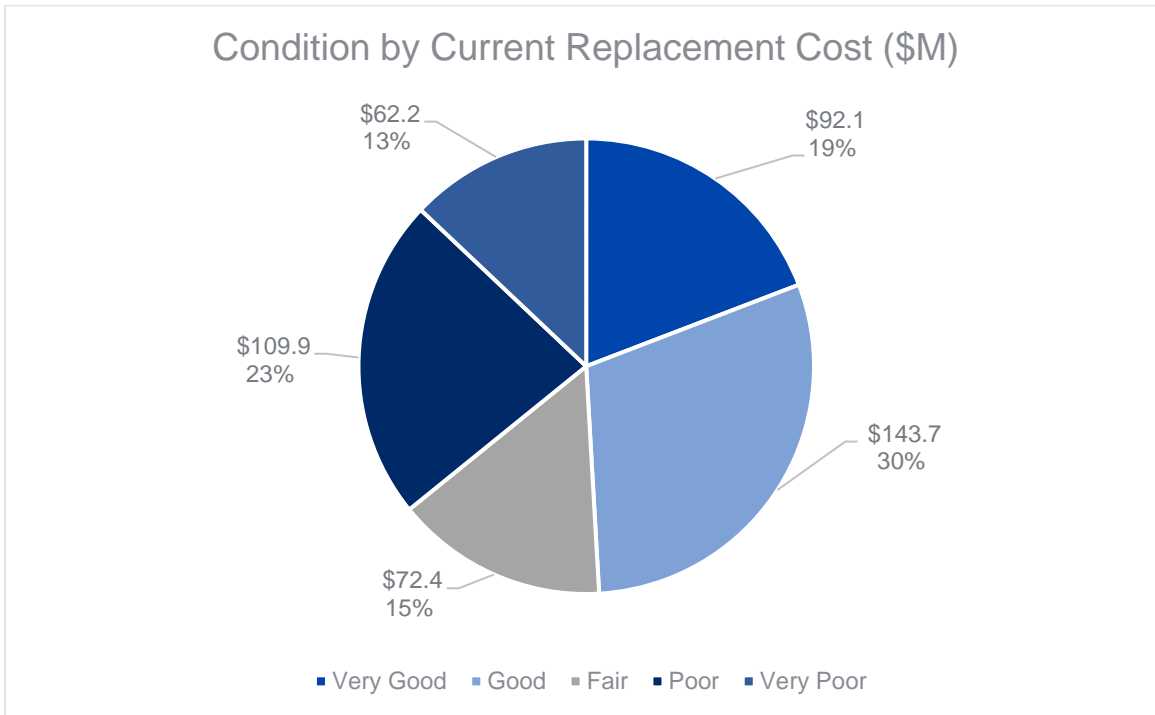
Asset Class	Current Replacement Cost (\$M)	Annual Depreciation (\$M)	Written Down Value (\$M)
Water Network	\$333.9	\$4.4	\$167.2
Pump Stations	\$28.8	\$0.7	\$16.5
Reservoirs	\$84.0	\$1.1	\$47.9
Treatment	\$33.6	\$0.6	\$17.3
Total	\$480.2	\$6.8	\$248.8

*As valued at 30 June 2021

WATER INFRASTRUCTURE CONDITION

The following graph shows the condition of water infrastructure assets as a function of current replacement cost and provides an overview of the current condition of our water infrastructure assets.

Figure 3: Water Infrastructure Condition Rating



Overall, the water infrastructure assets are in a reasonable position with nearly 50% of our assets rated as very good and good. However, the amount of assets in very poor condition indicates a high backlog of works and the need to undertake significant renewals in the upcoming years to maintain current service levels.

Assets in very poor condition present a high risk of failure resulting in:

- Unplanned service outages,
- Increased operational costs to attend failures,
- Typically, increased capital costs to renew items in short timeframes,
- Disrupts Council's planned delivery program; and
- Negatively impacts Goldenfields Water's reputation.

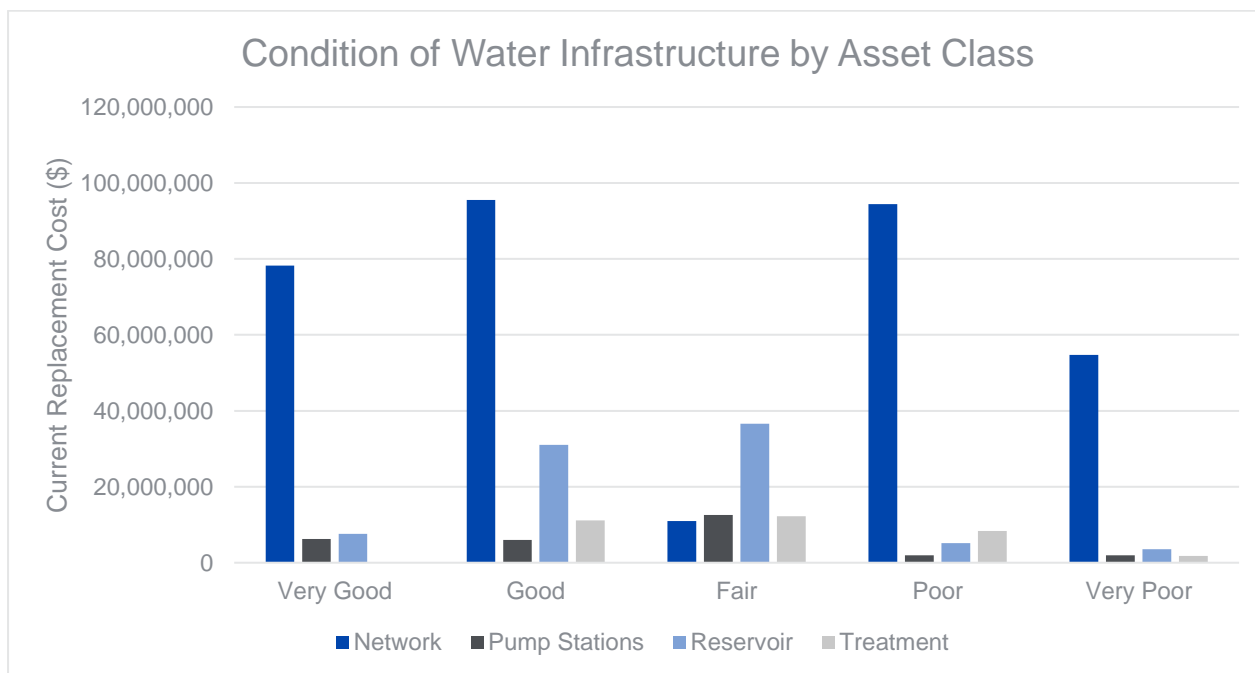
In order to be able to both effectively utilise assets to their end of useful life and also maintain a manageable portion of assets identified for renewal, Goldenfields Water must set goals for maintaining a maximum amount of assets in very poor condition. By maintaining CRC (current replacement cost) of assets in very poor condition at less than 3 x the annual depreciation it allows staff to:

- Prioritise high criticality renewals
- Undertake renewal planning and staging
- Have flexibility for addressing early failures or unexpected projects
- Allow for suitable resource planning for undertaking renewal projects

As of 30 June 2021, 3 x the annual depreciation equates to \$20.4M. This is significantly less than the current estimated CRC of assets in very poor condition which is shown above to be \$62.2M.

The following graph shows the condition ratings broken into asset classes. As can be seen below the bulk of assets in poor and very poor condition are the network assets. Over the 30 year planning period considered in this management plan, it is expected that the network assets in poor condition will transfer to very poor condition.

Figure 4: Condition of Water Infrastructure by asset classes



It is interesting to note that part of the reason for the large volume of pipeline assets in poor and very poor condition is due to the ceased production of asbestos cement pipes which resulted in the widespread use of PVC pipelines. The early versions of PVC pipelines (commonly referred to as white PVC) have a shorter 50 year useful life in comparison to the asbestos cement (100 year useful life) pipelines resulting in a significant portion of both older and newer pipelines being due for renewal at the same time. Changes in PVC pipeline production now provide PVC pipelines with an estimated 80 year useful life.

WATER INFRASTRUCTURE LEVELS OF SERVICE

The water infrastructure levels of service are as follows:

Supply

- Supply area: All urban areas of towns and villages within the GWCC area of responsibility. It will also be available to non-urban areas where adequate supply lines already exist or can be laid at a practical and economically recoverable cost
- Water quantity: Annual demand: 250 kL/ET, Peak day demand 4 kL/ET/d
- Water storage: Town reservoirs to have 3 days storage
- Water quality: Potable water should meet ADWG. Nonpotable water is not supplied for human consumption

- Reticulated connections acceptable pressure range: 12 - 90 m head per standard 20 mm connection
- Rural connections pressure: Equivalent to reticulated connections as a target but may not be achieved in all circumstances. It is a condition of supply that new connections will be required to have a minimum 3 day average water or 20,000 litres storage whichever is greater.
- GWCC trunk connections: Equivalent to reticulated connections as a target but may not be achieved in all circumstances. It is a condition of supply that new connections will be required to have a minimum 3 day average water or 20,000 litres storage whichever is greater.
- Bulk supply offtakes: As per service level agreements with bulk customers
- Non-GWCC trunk connections: No agreed service levels
- Timeframes for acknowledgement and a response to be actioned to address reported supply failures, leaks, complaints etc (note this is not the time in which the issue must be resolved)
 - Priority 1 – 15 min (supply to a large number of customers at a critical time)
 - Priority 2 – 30 min (supply to a small number of customers at a non-critical time)
 - Priority 3 – same day (supply to a single customer)
 - Priority 4 – within 1 week (minor problem or complaint)
 - Immediate – in case of emergency or catastrophe

Customer Service

- Notice of planned interruptions (written notice): Minimum 24 hours for residential and rural connections. Minimum 3 working days for commercial/industrial connections
- Unplanned interruptions to reticulated connections: – Maximum of 2 times per year for outages lasting up to 12 hours and maximum of 5 times a year for outages lasting up to 5 hours
- Unplanned interruptions to non reticulated connections: May experience interruptions without prior notice
- Response time to complaints: 10 working days to written complaints, 24 hours to phoned complaints
- Target number for complaints: Less than 2 complaints per 1,000 properties
- Response to inquiries: Respond to 95% of written inquiries within 10 working days Respond to 95% of phoned inquiries within 2 working days

PLANT AND EQUIPMENT

PLANT AND EQUIPMENT ASSETS

As of 30 June 2021, the written down value of Plant and Equipment assets was valued at \$5,250,000.

Plant and Equipment assets include the following:

- Fleet vehicles
- Construction plant such as excavators, trucks, trencher
- Trailers
- Major equipment eg lathe, milling machine, brake press etc

PLANT AND EQUIPMENT CONDITION

Plant and equipment are maintained in suitable operating condition through regular maintenance and servicing. Fleet vehicles are replaced regularly depending on the vehicle type and use. Plant and equipment found to be in unsuitable condition are tagged out of service until repairs or replacement can occur.

PLANT AND EQUIPMENT LEVELS OF SERVICE

The required levels of service for plant depend on its intended use. A cost analysis is used to determine what size plant and quantity is required.

OTHER

OTHER ASSETS

Other assets include:

- Buildings (non specialised) - Administration office, depot buildings and residential buildings
- Furniture and minor equipment
- Land owned by Goldenfields Water
- Stores
- Communications network
- IT

OTHER LEVELS OF SERVICE

Assets	Levels of Service Required
Buildings	Building are to be safe and fit for purpose
Furniture and minor equipment	Furniture and minor equipment is to be suitable for the needs of staff to enable work to be carried out in a efficient and effective manner
Land	It is preferable for Goldenfields Water to own land where permanent above ground infrastructure exists.
Stores	Stores to house critical items to reduce potential outages, PPE equipment and store often used items in stock to allow enable staff to carry out work in an efficient and effective manner
Communications network	Communications network assets are required to provide secure, fast and effective remote communication and operation to occur.
IT	IT assets and systems are to be available to staff to enable Council to carry out its function efficiently and effectively. IT systems are to be protected from external access.

CAPITAL WORKS PROGRAM

CAPITAL WORKS PROGRAM DEVELOPMENT

Asset renewals need to be undertaken in a structured manner in accordance with Goldenfields Water's project development documentation to ensure that projects are appropriately scoped, planned and staged to enable the most cost effective and efficient delivery.

To deliver the required works in a cost-effective manner projects need to be delivered through a combination of internal labour and external consultants and contractors. Projects delivered externally still require internal labour through appropriate project management.

The capital works program needs to be developed in a manner that enables projects to be appropriately resourced with some availability and flexibility for staff to address reactive works as required. Failure to do so will result in an unachievable program and likely an increase in errors and oversights during delivery.

Therefore, in order to address both the current backlog of works and those that will fall due over the 30-year planning horizon, it is imperative for Goldenfields Water to prioritise asset renewals.

CAPITAL WORKS PROGRAM

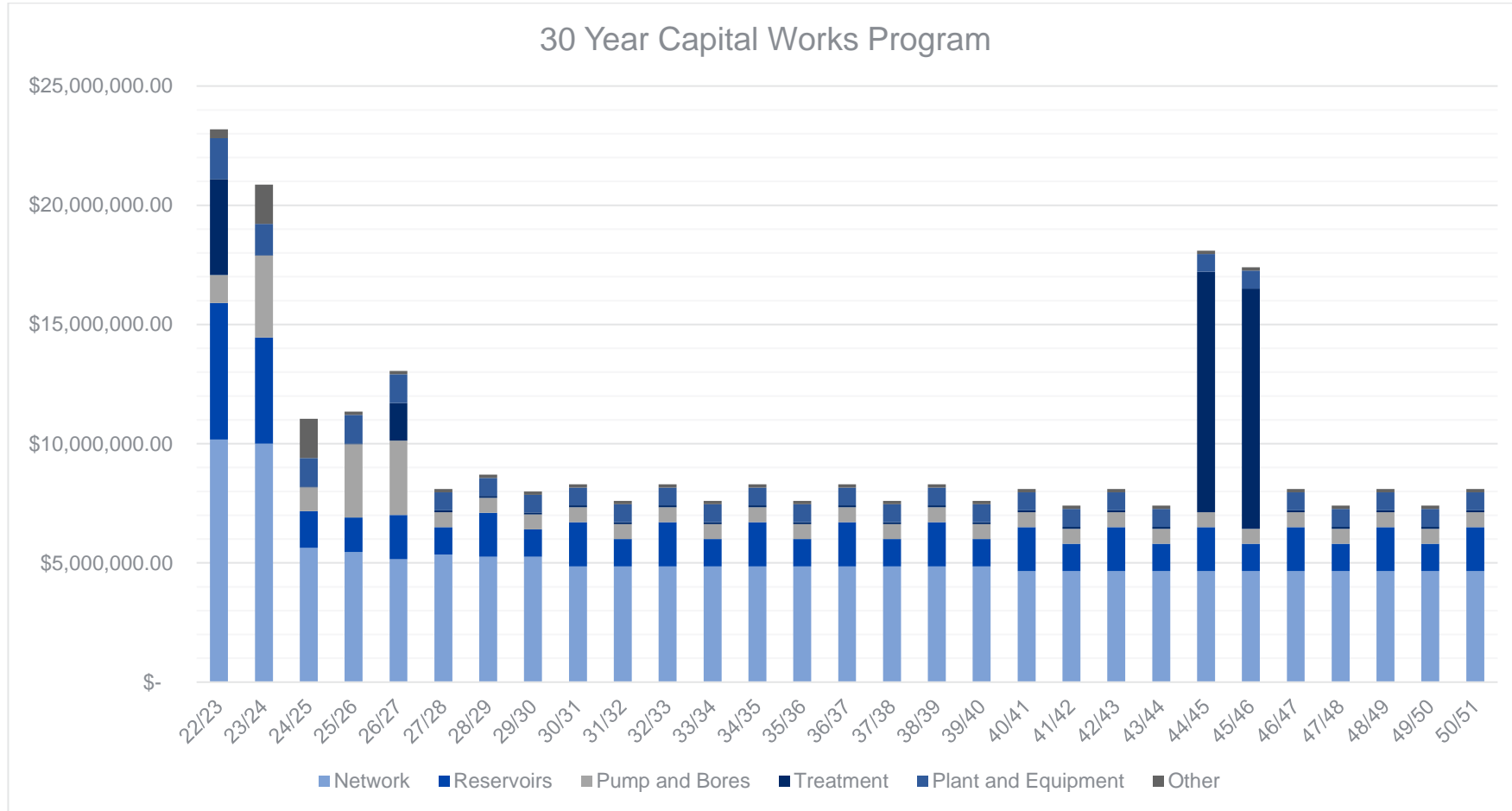
The following capital works program has been developed to address the backlog of works over a 30-year planning period. The program is driven by asset condition and estimate required renewals spend across the 30 years which is then further detailed into specific projects across a 5-year horizon.

The 30-year program is likely to increase slightly in cost (estimated up to 10%). This is expected to arise due to some renewals being upgraded to increase in capacity as they are assessed against future demand needs.

Table 2: 10 Year Capital Works Program

Capital Expenditure \$'000	22/23	23/24	24/25	25/26	26/27	27/28	28/29	29/30	30/31	31/32
Networks	\$10,175	\$10,000	\$5,625	\$5,455	\$5,155	\$5,315	\$5,215	\$5,215	\$4,815	\$4,815
Pump Station	\$1,170	\$3,425	\$995	\$3,075	\$3,125	\$625	\$625	\$625	\$625	\$625
Reservoir	\$5,725	\$4,455	\$1,550	\$1,450	\$1,850	\$1,150	\$1,850	\$1,150	\$1,850	\$1,850
Treatment	\$4,030	\$30	\$30	\$30	\$1,580	\$80	\$80	\$80	\$80	\$80
Plant and Equipment	\$1,715	\$1,310	\$1,200	\$1,200	\$1,200	\$750	\$750	\$750	\$750	\$750
Other	\$365	\$1,640	\$1,640	\$140	\$140	\$140	\$140	\$140	\$140	\$140
Emergency	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200	\$200
Total	\$23,380	\$21,060	\$11,240	\$11,550	\$13,250	\$8,260	\$8,860	\$8,160	\$8,460	\$8,460

Figure 5: 30 Year Capital Works Program



FINANCIAL SUMMARY

BACKLOG RATIO

Under Special Schedule 7 of Council's Annual Financial Statements Council is required to report a backlog ratio. The backlog ratio for water infrastructure only is calculated as follows

$$\text{Backlog Ratio} = \frac{\text{Estimated cost to bring assets to a satisfactory condition}}{\text{Written down value of the assets}}$$

$$\text{Backlog Ratio} = \frac{\$54,493,944}{\$248,814,960}$$

Backlog Ratio = 21.90% as of 30 June 2021.

The Office of Local Government prescribes a benchmark for the ratio to be less than 2% however it is noted that general purpose councils have infrastructure that can be partially renewed to bring back to satisfactory eg resealing roads noting that roads tend to make up over 50% of a general purpose councils assets. In comparison, network assets which make up 70% of Goldenfields Water's assets are required to be replaced with a new asset when the condition deteriorates. This results in a significantly higher backlog ratio.

LEVEL OF SERVICE RATIO

Council is also required to report on a level of service ratio. The level of service ratio for water infrastructure only is calculated as follows:

$$\text{Level of service ratio} = \frac{\text{estimated cost to bring assets to an agreed level of service}}{\text{gross replacement cost}}$$

$$\text{Level of service ratio} = \frac{\$54,493,944}{\$480,187,710}$$

Level of service ratio = 11.35% as of 30 June 2021.

Note the Office of Local Government does not prescribe a benchmark for this ratio.

OPERATING COSTS

The operational expenditure for assets is listed below

Operating Expenditure \$'000 for 2020/21 financial year	21/22
Networks	\$1,888
Pump Station	\$1,443
Reservoir	\$691
Treatment	\$2,529
Plant and Equipment	\$741
Buildings	\$475

FINANCIAL POSITION

As part of the Integrated Planning and Reporting and Integrated Water Cycle Management a long term financial plan will be generated based on the above capital works program which will inform Council's financial position.

However, it should be noted that despite Goldenfields Water's current reserves, the forecasted capital works program suggests that Council may need to consider alternate options for funding some of the program such as:

- Grant funding applications
- Borrowing
- Rates increase

Given the backlog of works and potential funding constraints it is imperative Goldenfields Water focuses their resources on undertaking renewals in order to maintain current service levels over undertaking projects that look to increase service levels or extend the existing scheme.

Undertaking projects that aim to improve pressure or water quality are likely to negatively impact the resource availability (both cost a staff resources) to deliver the required asset renewals.

Projects to increase Goldenfields Water's current supply area (not including general developments) need to undertake a business case to determine long term costs and benefits.

It is recommended that projects aimed to improve current service levels or extend our service area should consider alternate funding paths such as grant funding, borrowing, or increasing rates. These projects should only be delivered if unlikely to affect staff ability to deliver the required renewals.

Communication with stakeholders is important to enable understanding of the potential cost impacts of increasing service levels and/or servicing additional areas.

ASSET MANAGEMENT STRATEGIES

The following asset management strategies have been adopted.

No	Strategy	Benefit
1	Prioritise asset renewals to address backlog and maintain current levels of service. Reduce CRC (current replacement cost) of assets in very poor condition to less than 3 x annual depreciation	Existing customers continue to receive and secure and reliable water supply
2	Continuous improvement of asset data and asset management tools	Improved understanding and management of Council assets ensures Councils funds are allocated in the most appropriate area
3	Council undertakes options assessments of systems to determine most appropriate solutions to address future demand and operation	Assets are constructed to meet the long term needs of the organisation
4	Project needs are assessed, prioritised, and planned	Funding is allocated to the highest priority projects. Projects are well planned.
5	Staff and equipment resourcing optimises asset costs, construction costs and renewals costs over the long term.	Asset renewals are undertaken in a cost-effective manner
6	Investigate and implement measures to optimise the operation of our assets	Costs are reduced by altering the operation of assets
7	Seek funding opportunities to enable improved levels of service	Improve levels of service to the community with minimised impact to the renewals program
8	Continued stakeholder engagement and levels of service communication	The community understands current levels of service and potential cost impacts if increased levels of service

REQUIRED ACTIONS

ACTIONS

Long term financial plan

A long term financial plan is required to inform Council's financial position and determine whether additional funding pathways will be required to undertake the required works. Goldenfields Water is currently in the process of developing two long term financial plans to meet the needs of regulatory reporting as follows:

- Integrated Planning and Reporting required by the Office of Local Government to consider a 10-year planning horizon
- Integrated Water Cycle Management (IWCM) required by the NSW Government and considers a 30-year planning horizon

Best Practice Management – IWCM Strategy

A consultant has been engaged to develop the IWCM Strategy. Included in this works is the following:

- Updating Goldenfields Water's hydraulic model
- Use the model to assess Goldenfields Water's current assets ability to supply peak demand periods, demand growth over 15 and 30 years and recovery after supply interruptions
- Assessing scenarios to address the issues identified in the IWCM Issues Paper using a TBL approach
- Long term financial plan including sensitivity analysis
- IWCM Strategy
- Development Servicing Plan
- Stakeholder and community consultation

Renewal of critical infrastructure

Goldenfields Water are currently undertaking investigation, planning and renewal works on critical infrastructure as follows:

- Oura water treatment plant:
 - 30-year asset renewal plan was developed to inform the future needs of the critical infrastructure at the production of the scheme. (complete)
 - Renewal of Oura's high voltage electrical assets (underway)
 - Detailed design of Oura reservoir and pump station renewals and upgrades (underway)
 - Construction of Oura reservoir and pump station renewals (not yet started)
- Jugiong water treatment plant:
 - 30-year asset renewal plan was developed to inform the future needs of the critical infrastructure at the production of the scheme. (complete)
 - Renewal of Jugiong high voltage assets (underway)
 - Detailed design and construction of Jugiong water treatment plant reservoir and pump stations (not yet started)
- Rosehill to Young:
 - Asset renewal plan developed to determine an optimised asset renewal and operation of the scheme

- Construction of 11km of pipeline renewal (nearly completed)
- Renewal of pump and reservoir infrastructure detailed design and construction (not yet started)

Renewal of network

Network renewals need to be prioritised in order to address both the current backlog and upcoming renewals. Network assets are categorised into the following three categories all of which require attention as follows:

- Trunk (transport mains) – Trunk renewals are typically required due to deteriorating infrastructure and/or upsizing due to increased demand. Renewals of trunk mains over DN300 are typically done via consultants and contractors split into investigation, design, and construction stages.
- Urban (reticulation within townships) – Urban townships typically experience less bursts per km than in rural settings, however asset data shows a large volume of these assets are exceeding their estimated useful life which will likely result in an increase of bursts in the near future. Urban renewal construction is more costly and time consuming to undertake when compared to rural renewals due to the need to construct around existing assets.
- Rural (reticulation in rural areas) – rural reticulation accounts for the majority of pipelines in terms of kms. A significant portion was constructed of the early version of PVC (white PVC) which is experiencing a short asset life. These assets are brittle and account for the most bursts within our systems.

Goldenfields Water internal construction provides significantly better unit rate for renewals in rural settings compared to contractors. This is partly due to the lack of contractors in regional areas which require contractors to have additional travel and accommodation costs for plant and staff. It is anticipated the same will be true for urban renewals (past urban renewals have only addressed short sections making an internal renewal rate difficult to determine). As such Goldenfields Water aims to undertake urban and rural renewals in house.

RESOURCING

To enable the above actions to take place additional resources are required as follows:

- An additional construction team and associated plant to enable majority of urban and rural network renewals to be undertaken internally
- Engineering support officer is engaged short term to assist the engineers with project administration tasks enabling engineering staff to focus on project delivery
- External consultants and contractors are used to undertake design and construction of trunk mains above 300mm in diameter, highly critical infrastructure or infrastructure requiring specific expertise
- External project managers are engaged for projects requiring specific expertise such as projects involving high voltage equipment.

ASSET MANAGEMENT IMPROVEMENT PLAN

Goldenfields Water is committed to continuous improvement of their asset management documents and systems to enable Council to make informed capital works and budgeting decisions.

Goldenfields Water undertakes a revaluation of their water infrastructure assets each year. This readily allows for Goldenfields Water to undertake and implement continuous improvement of their asset knowledge.

Table 3: Improvement Plan

Task No	Task	Benefit	Timeframe
1	Integration of the asset register, GIS and financial system	Integration of the three systems will improve efficiency of the systems and reduce opportunities for errors	June 2023
2	Continual update of asset financial data	Reviewing and updating the unit rates and useful lives of the assets improves the financial data and planned management and renewals of the assets	Each EOFY
3	Improved network condition rating	Network assets are currently condition rated by install date and expected useful life of the assets. Reviewing condition rating through burst reports and visual inspections will improve condition reliability and provide a strategic renewal program	Ongoing
4	Finalise and adopt Class Asset Management Plans	Class asset management plans consider the operation, service levels, maintenance, criticality, and risk assessment of each asset class	Dec 2022
5	Finalise updating the hydraulic model	Current operation and potential alterations can be accurately modelled to inform operation optimisation and asset renewals	Dec 2022
6	Stakeholder engagement to communicate asset portfolio, renewal requirements and financial impacts	Stakeholders are informed of decision-making influences	Ongoing

