



Asset Management Plan

Community Wastewater Management System (CWMS)



Document Control		Document History and Status			
Document ID :					
Rev No	Date	Revision Details	Author	Reviewer	Approver
1	June/July 2024	Create a new and comprehensive draft Community Wastewater Management Systems (CWMS) Asset Management Plan (AMP).	Coordinator Asset Management (GS)	Director Infrastructure & Field Services (DH)	
2	8 August 2024	Present a new and comprehensive draft Community Wastewater Management Systems (CWMS) Asset Management Plan (AMP) to the Audit and Risk Committee.	Coordinator Asset Management (GS)	Audit and Risk Committee	
3	8 August 2024	Audit & Risk Committee Resolution No. A08-24/004 1.The Report be received. 2. The Audit and Risk Committee recommends to Council that the draft Community Wastewater Management Systems (CWMS) Asset Management Plan (Attachment 2, Item 7.3 Audit and Risk Committee Meeting 8 August 2024) be approved to be released for public consultation in accordance with Council’s Public Consultation Policy (Version 6). 3. Council, subject to the outcomes of the public consultation process, receive a further report to endorse the draft Community Wastewater Management Systems (CWMS) Asset Management Plan for adoption.	Coordinator Asset Management (GS)	Audit and Risk Committee	
4	20 August 2024	Council Resolution C08-24/005 1. The Report be received. Council approve the draft Community Wastewater Management Systems (CWMS) Asset Management Plan (Attachment 2, Item 10.3, Council Meeting 20 August 2024) to be released for public consultation in accordance with Council’s Public Consultation Policy (Version 6). 3. Council, subject to the outcomes of the public consultation process, receive a further report to endorse the draft Community Wastewater Management Systems (CWMS) Asset Management Plan for adoption.	Coordinator Asset Management (GS)	Council	Council
5	12 Sept 2024	Public consultation period on the draft Community Wastewater Management Systems Asset Management Plan Thursday, 12 September 2024 and closed it at 12pm on Friday, 4 October 2024 (22 days) for written submissions.	Coordinator Asset Management (GS)	Council	Council
6	15 Oct 2024	Council Resolution C10-24/004 1.The Report be received. 2. Council approve an additional consultation period, from Wednesday 16 October 2024 to 12 noon, Friday 8 November 2024, for the draft Community Wastewater Management Systems (CWMS) Asset Management Plan. 3. Council, subject to the outcomes of the public consultation process, receive a further report to consider and endorse the draft Community Wastewater Management Systems (CWMS) Asset Management Plan for adoption.	Coordinator Asset Management (GS)	Council	Council
7	19 Nov 2024	Report presented to Council regarding the Community Wastewater Management Systems (CWMS) Asset Management Plan for Councils consideration and adoption.	Coordinator Asset Management (GS)	Council	Council
8	19 Nov 2024	Council Resolution C11-24/019 1.The Report be received. 2.Council endorses the proposed Community Wastewater Management Systems Asset Management Plan (Attachment 1, Item 10.8, Council Meeting 19 November 2024) for adoption.	Coordinator Asset Management (GS)	Council	Council

9	7 May 2026	Audit & Risk Committee Resolution No. A05-26/006 1.The Community Wastewater Management System Updated Capital Works Program report on the Audit & Risk Committee Agenda 7 May 2026 be received. 2. The Audit & Risk Committee recommends to Council that the updated Appendix A: Rolling Capital Works Program of the Community Wastewater Management System Asset Management Plan – 2027 to 2052 (Attachment 2 Item 7.5 Audit & Risk Committee Meeting 7 May 2026) be endorsed by Council.	Coordinator Asset Management (GS)	Audit and Risk Committee	
10		Council Resolution C05-26/014 1.The Community Wastewater Management System Updated Capital Works Program report on the Council Meeting Agenda of 19 May 2026 be received. 2. The updated Appendix A: Rolling Capital Works Program of the Community Wastewater Management System Asset Management Plan – 2027 to 2052 (Attachment 2 Item 10.8 Audit & Risk Committee Meeting 7 May 2026) be endorsed by Council.	Coordinator Asset Management (GS)	Council	Council

Table of Contents

EXECUTIVE SUMMARY	6
INTRODUCTION	7
2.1 Background	7
Figure 1: Typical CWMS Town Layout.....	8
Table 2.1.0: Asset Current Replacement Costs.....	8
Table 2.1.1: Key Stakeholders in the Asset Management Plan.....	9
Figure 2: Road Map for Preparing an Asset Management Plan.....	11
SERVICE LEVELS	12
Table 3.0.1: Community Service Levels	12
Table 3.0.2: Technical Service Levels	13
FUTURE DEMAND	16
4.1 Demand Forecasts.....	16
Table 4.1.0: Demand Factors, Projections and Impact on Services	16
4.2 Demand Impact and Demand Management Plan.....	17
Table 4.2.0: Demand Management Plan	17
LIFECYCLE MANAGEMENT PLAN	18
5.1 Background Data	18
Figure 3: Asset Age Profile - Dollars.....	18
5.2 Asset Capacity and Performance	18
Table 5.2.0: Known Service Performance Deficiencies	19
5.3 Asset Condition	19
Table 5.3.0: Condition Grading System.....	19
Figure 4: Asset Condition Profile	20
Table 5.3.1: Asset Standard Useful Lives	20
5.4 Asset Valuations.....	21
5.5 Operating and Maintenance Plan	21
Table 5.5.0: Operating Budget Trends.....	22
Table 5.5.1: Maintenance Budget Trends.....	22
5.6 Renewal Plan.....	22
Table 5.6.0: Useful Lives of Assets.....	23
5.7 Selection Criteria	23
Table 5.7.0: Renewal Priority Ranking Criteria	23
5.8 Summary of Future Renewal Costs	24
Figure 4: Forecast Renewal Costs	24
5.9 Capital New/Upgrade Plan	24
5.10 Selection Criteria	24
Table 5.10.0: New/Upgrade Assets Priority Ranking Criteria	25

5.11 Summary of future asset Capital New/Upgrade	25
Figure 5: Capital New/Upgrade Summary	25
5.12 Disposal Plan	25
5.13 Summary of Asset Forecast Costs	25
Figure 6: Lifecycle Summary Forecast 10 Yrs. Expenditure	26
Table 5.13.0: Lifecycle Summary Forecast 10 Yrs. Expenditure.....	26
RISK MANAGEMENT PLANNING	27
Table 6.0.1: Critical Assets	27
Figure 7: Risk Management Process – Abridged.....	28
Table 6.2.0: Risks and Treatment Plan.....	28
ASSET RENEWAL FUNDING RATIO	30
Figure 8: Renewals 10Yr. Projected & Planned Expenditure AMP/LTFP.....	30
7.1 Key Assumptions made in Financial Forecasts	30
Table 7.1.0: Key Assumptions made in Asset Management Plan & Risks of Change.....	31
7.2 Forecast Reliability and Confidence	32
Table 7.2.0: Data Confidence Grading System.....	32
Table 7.2.1: Data Confidence Assessment for Data used in Asset Management Plan	32
IMPROVEMENT AND MONITORING PLAN	34
8.1 Status of Asset Management Practices.....	34
8.2 Improvement and Monitoring Plan.....	34
Table 8.2.0: Improvement and Monitoring Plan.....	34
8.3 Performance Measures	35
REFERENCES	36
SUPERSEDED APPENDIX A: RENEWAL, NEW/UPGRADE 15 YR. ROLLING CAPITAL WORKS PROGRAMS	37
UPDATED APPENDIX A: RENEWAL, NEW/UPGRADE ROLLING CAPITAL WORKS PROGRAMS 2027-2052	43
APPENDIX B: SPECIAL OPERATING; UNDERTAKE CAPACITY & CAPABILITY ASSESSMENT CWMS SITES	73

EXECUTIVE SUMMARY

What is an Asset Management Plan?

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

What is this plan about?

This asset management plan covers the infrastructure assets that serve the Mid Murray Council Community's Community Wastewater Management System's needs. These assets include Pumps Stations, Pumps, Chambers, Wastewater Treatment Plants and a large network of Gravity and Mains Pipes.

Council provides a range of Community Wastewater Systems, to enable a safe, well maintained, fit for purpose assets in accordance with Councils service delivery objectives. The CWMS assets cannot be provided without the proper construction and maintenance of the supporting assets. The renewal and maintenance of these assets is critical to successful service delivery.

The CWMS provides the following:

- A system designed to collect, treat, re-use and/or dispose of primary treated effluent from septic tanks on individual properties.
- The collection system is a network of pipes and pumping stations which transport the effluent from the septic tanks to the treatment site.

The Community Wastewater Management Systems (CWMS) infrastructure assets have a replacement value of **\$31,774,020.92 million**.

What Does it Cost Council?

Projected 10-Yr. Total Expenditure (AMP)

The projected outlays necessary to provide the services covered by this Asset Management Plan includes Operating, Special Operating, Maintenance, Renewals and New/Upgrades over a 10-Year planning period is **\$17,042,225** or **\$1,704,222** on average per year.

Planned 10-Yr. Renewal Expenditure (LTFP)

Planned expenditure estimated available funding over the 10-Year Long Term Financial Plan period for RENEWALS is **\$2,895,000** or **\$289,500** on average per year which is the funds to provide the service.

What Does it Cost Council?

Projected 10-Yr. Renewal Expenditure (AMP)

Projected expenditure outlay necessary to provide the services covered by this Asset Management Plan for RENEWALS over a 10-Year planning period is **\$4,782,500** or **\$478,250** on average per year which is the cost to provide the service in line with this plan.

Projected & Planned Renewal Expenditure Difference (AMP/LTFP)

This is a funding shortfall of **\$-188,750** on average per year for projected expenditure required to provide services (capital renewals) in the Asset Management Plan compared with planned expenditure currently included in the 10-Year Long Term Financial Plan.

What we cannot do

Council does not have enough funding to provide all services at the desired service levels or provide new services. Works and services that cannot be provided under the present funding levels.

- Creation of New/Upgrade Assets
- Over Servicing

Managing Risks

There are risks associated with providing the service and not being able to complete all identified activities and projects. We have identified major risks as:

- Effluent Lines - deterioration of existing lines.
- Pump Stations - program regular flushing of lines and inspections.
- Pump and system failures.

We will endeavour to manage these risks within available funding by:

- Document through Councils Risk Management Plan

Confidence Levels

This Asset Management Plan is based on high level of confidence information.

The Next Steps

The actions resulting from this asset management plan are.

- Ongoing review of service levels
- Review Useful Lives

What will we Do?

Council plans to provide CWMS assets and to address the following needs: Operating, Special Operating, Maintenance, Renewals and New/Upgrade of the CWMS to meet service levels set by Council in annual budgets. Also consider system improvements by placing telemetry automation.

INTRODUCTION

2.1 Background

The goal and purpose of this Community Wastewater Management System (CWMS) Asset Management Plan is to improve Council's long-term strategic management of its CWMS assets in order to cater for the community's desired levels of service in the future, in accordance with Council's key strategic documents and demonstrate reasonable management in the context of Council's available financial and human resources.

The Community Wastewater Management System Plan is maintained and managed in accordance with all regulatory requirements under the South Australian Water Act 2012, the Essential Services Commission of South Australia (ESCOSA) the Office of the Technical Regulator (OTR) and Local Government Act 1999.

Council will continue to develop service levels and asset renewal projects to ensure needs for the community are delivered. These service levels have been set in accordance with user needs, regulations, industry practice and legislative codes of practice.

The Asset Management Plan is to be read with the Asset Management Policy, along with other key planning documents:

- Strategic Plan
- Annual Business Plan
- Long Term Financial Plan

The basic function of a CWMS network is to convey household wastewater from sinks, bathrooms and toilets (everything that goes down the drain) to a point of disposal being a lagoon and/or treatment plant, prior to disposing of the wastewater.

This infrastructure management plan covers the following infrastructure assets owned by the Mid Murray Council:

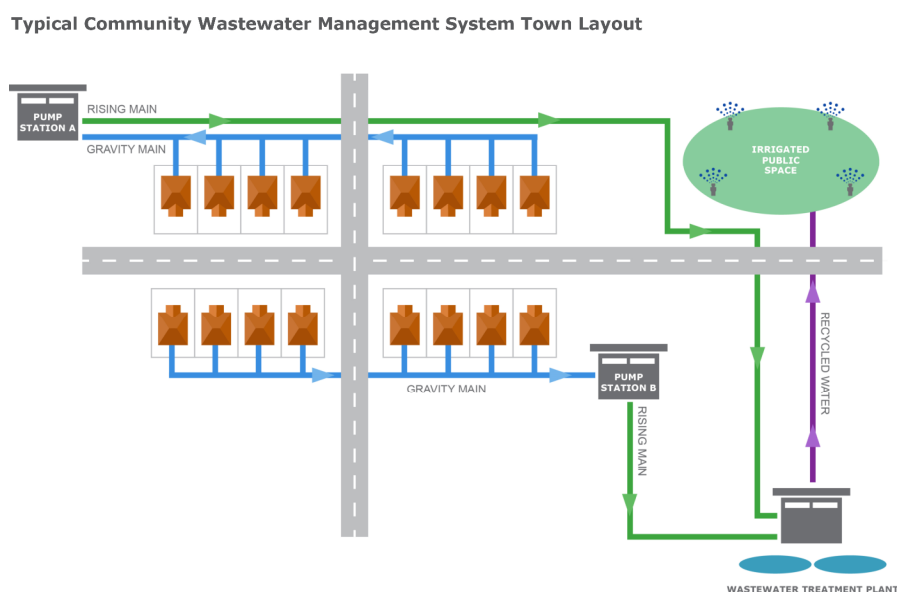
- Collection Network - Gravity mains, rising mains, property connections, flushing points, manholes and inspection points.
- Mechanical and Electrical - Instrumentation, cabinets, switch boards, surface aerators, filtration units and wastewater pumps.
- Wastewater Treatment Plants.
- Civil Assets - Pump station sumps, sheds, and tanks.
- Treatment Lagoons - Lagoon liners, inlets, outlets, mooring posts, mooring cables, and pipework.
- Irrigation - Recycled irrigation line, valves, and nozzles.

Note that the above is not an all-inclusive list of each asset within each category.

This CWMS Asset Management Plan provides for Council's Community Wastewater Management System network and has been developed using an asset register based on using historical plans and field collection checks.

Council owns and maintains Community Wastewater Management Systems for river shack areas, holiday residences (seasonal), and for one township and maintenance rates are levied to cover the costs of on-going maintenance and capital upgrades. Twenty-nine Community Wastewater Management Systems and four (4) houseboats pump out stations (owned by the Department of Water (DEW), however, they are maintained by Council, under an agreement.

Figure 1: Typical CWMS Town Layout



The infrastructure assets included in this plan have a total replacement value of **\$31,774,020.92**

Table 2.1.0: Asset Current Replacement Costs

Asset	Unit	Quantity	Current Replacement Cost (CRC)	Total Value
Aerators/Blowers	No.	18	\$341,000.00	\$341,000.00
Aerobic Tank	No.	1	\$46,000.00	\$46,000.00
Air Valves & Alarm	No.	15	\$46,100.00	\$46,100.00
Stock Fencing, Chain Mesh Fencing & Retaining Wall	Linear Metres	14777	\$700,149.00	\$700,149.00
Common Mains	Linear Metres	660	\$121,440.00	\$121,440.00
Connection Points	Linear Metres	1857	\$2,057,600.00	\$2,057,600.00
Post Commissioning	No.	1	\$183,000.00	\$183,000.00
Electrical/Switchboards	No.	40	\$719,055.17	\$719,055.17
Flushing Points	No.	6	\$36,180.00	\$36,180.00
Gravity Main Lines	Linear Metres	14229	\$3,623,738.00	\$3,623,738.00
Inspection Points	No.	40	\$140,000.00	\$140,000.00
Irrigation	M2 Linear Metres	316961 1300	\$2,038,186.00	\$2,038,186.00

Manholes/IP's	No.	27	\$290,000.00	\$290,000.00
Meters Type 4	No.	2	\$9,400.00	\$9,400.00
Platform/Stairs	No.	1	\$68,000	\$68,000.00
PLC Units	No.	48	\$837,500.00	\$837,500.00
Pump Stations	No.	2	\$607,000.00	\$607,000.00
Pump Types 2-8	No.	83	\$521,587.75	\$521,587.75
Rising Mains	Linear Metres	80978	\$7,346,045.00	\$7,346,045.00
Tanks Sumps/Covers	No.	4	\$41,800.00	\$41,800.00
Tank Types 1-12	No.	131	\$11,725,850.00	\$11,725,850.00
Vents/Filters	No.	16	\$107,000.00	\$107,000.00
Sheds/Enclosures	No.	51	\$167,390.00	\$167,390.00
			TOTAL	\$31,774,020.92

Key stakeholders in the preparation and implementation of this Asset Management Plan are shown in Table 2.1.1

Table 2.1.1: Key Stakeholders in the Asset Management Plan

Key Stakeholder	Role in Asset Management Plan
Residents and Ratepayers	■ Ultimate beneficiaries of the Asset Management Plan process ■ Feedback collected throughout the year
Insurers	■ Local Government Mutual Liability Scheme (LAMLS)
Lessees	■ Leases operating who provide feedback on services
State Government	■ SA Health ■ Environment Protection Authority (EPA) ■ Essential Services Commission of South Australia (ESCOSA) ■ Office of the Technical Regulator (OTR)
Visitor/Tourists	■ Feedback collected throughout the year
Council	■ To act as custodians of community assets ■ To set Asset Management Policy and vision ■ Allocate resources to meet Council objectives in providing services while managing risks
Executive Management Team	■ Responsible for the development, management and review of an Asset Management Strategy, associated plans, practices and

	reporting on the status and effectiveness of Council's asset management ■ To monitor and review the performance of employees in achieving the asset management strategy, plans and practices ■ To ensure sufficient resources are applied to manage the assets to legislative requirements; and ■ Accountable for the management of assets within their areas of responsibility
Asset Manager and Staff	■ To lead the development of the Asset Management Plan ■ To develop and implement operating, special operating, maintenance and capital renewal and new/upgrade rolling works programs in accordance with the Asset Management Policy, Strategy, Plans, as well as budget allocations input ■ Develop Specific Management Plans (upgrade, new/renewal, maintenance, operating, special operating and disposal) ■ To deliver levels of service to agreed risk and cost standards and expectations ■ To report asset related risk and damage ■ To establish and monitor asset compliance and risk inspection regimes ■ To manage asset condition assessments

2.2 Goals and Objectives of Asset Ownership

Our goal for managing infrastructure assets is to meet the defined level of service (as amended from time to time) in the most cost effective manner for present and future consumers. The key elements of infrastructure asset management are:

- Providing a defined level of service and monitoring performance
- Managing the impact of growth through demand management and infrastructure investment
- Taking a lifecycle approach to developing cost-effective management strategies for the long-term that meet the defined level of service
- Identifying, assessing and appropriately controlling risks, and
- Linking to a Long-Term Financial Plan which identifies required, affordable forecast costs and how it will be allocated.

Key elements of the planning framework are:

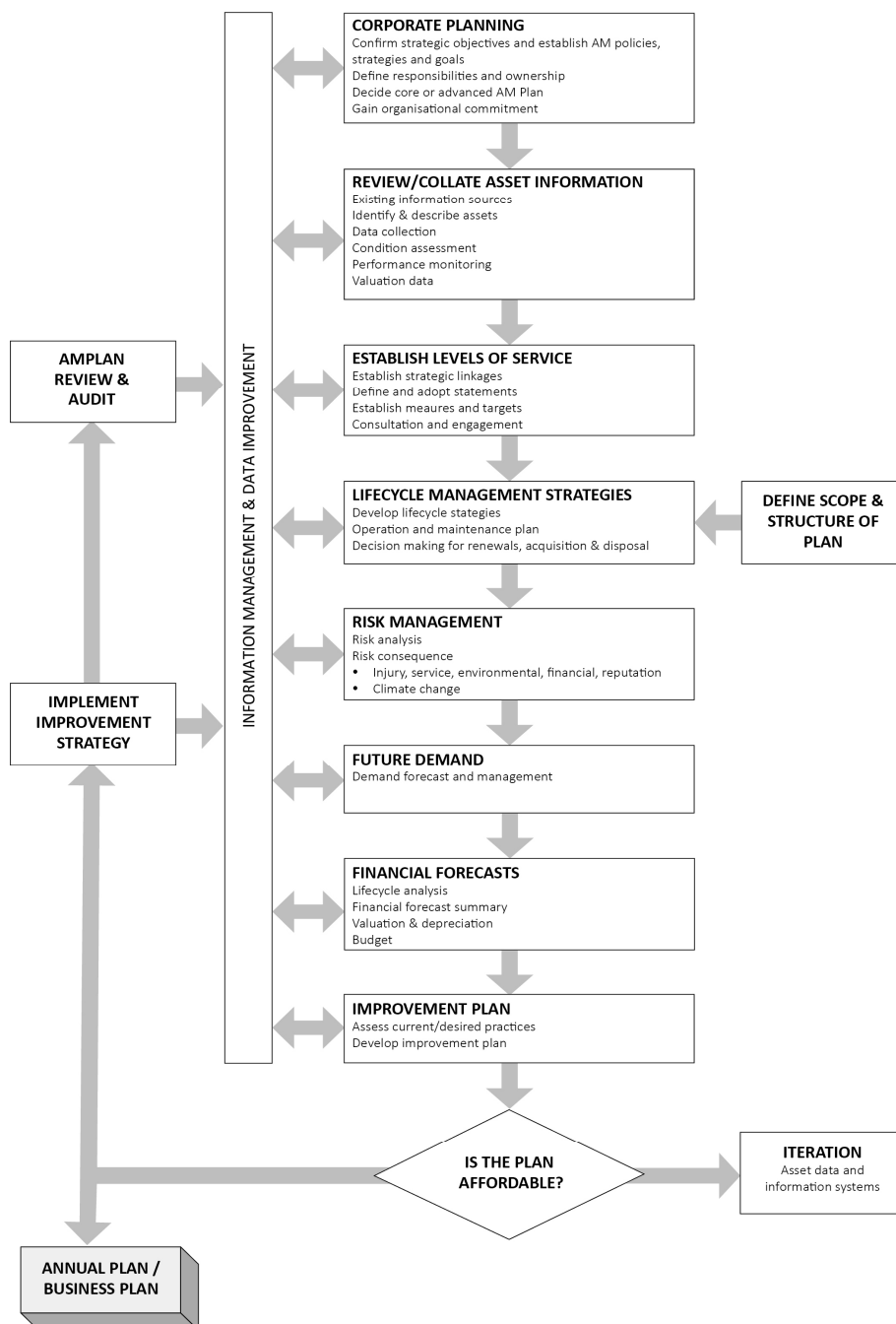
- Service Levels – specifies the services and levels of service to be provided
- Risk Management
- Future demand – how this will impact on future service delivery and how this is to be met
- Lifecycle management – how to manage its existing and future assets to provide defined service levels
- Financial summary – what funds are required to provide the defined services
- Asset management practices – how we manage provision of the services
- Monitoring – how the plan will be monitored to ensure objectives are met
- Asset management improvement plan – how we increase asset management maturity.

Other references to the benefits, fundamentals principles and objectives of asset management are:

- International Infrastructure Management Manual (IIMM)
- ISO 55000 Asset Management Standards
- A road map for preparing an Asset Management Plan is shown below.

Figure 2: Road Map for Preparing an Asset Management Plan

Source: IPWEA IIMM, Fig 1.5.1, p 1.11



SERVICE LEVELS

The community generally expect that Council will have the necessary infrastructure and operation and maintenance practices in place to manage Councils Community Wastewater Management System.

Levels of service relate to outcomes the customer receives in terms of quality, quantity, responsiveness and performance as provided by the asset, they are developed in line with Councils strategic and corporate goals and legislative requirements.

Community Service Levels relates to the service outcomes that the community wants in terms of quality, quantity, responsiveness, amenity, safety and financing.

Table 3.0.1: Community Service Levels

Key Performance Measure	Service Level Objective	Performance Measure Process	Current Service Level
COMMUNITY SERVICE LEVELS			
Quality	Well maintained and suitable wastewater collection and disposal system.	Number of customer requests relating to CWMS maintenance.	Compliance with SA Health, Environment Protection Authority (EPA) and Office of the Technical Regulator (OTR) requirements and standards. Continue to meet the service delivery needs of the community.
Function	Meet SA Health, Environment Protection Authority (EPA) and Office of the Technical Regulator (OTR) requirements and standards.	Compliance to approval conditions.	All uncontrolled releases from the network stopped within 4 hours of being reported where possible. Continuing to meet community expectations.
Responsiveness	Response time to customer requests and time taken to complete requests.	>90% of all requests adequately responded to and dealt with within 4 hours of being notified (excluding parts supply).	Compliance to SA Health, Environment Protection Authority (EPA) and Office of the Technical Regulator (OTR) requirements and standards. Continuing to meet capacity requirements.
Safety	Low level of risk to personal and environmental health.	Overflows within the pipe network, treatment plant and/or at pump stations.	Compliance to SA Health, Environment Protection Authority (EPA) and Office of the Technical Regulator (OTR) requirements and standards. Continuing to provide a low-risk service to the community.

Technical Service Levels support the community service levels and are operational or technical measures of performance. These technical measures relate to the allocation of resources to service activities that the Council undertakes to best achieve the desired community outcomes.

Table 3.0.2: Technical Service Levels

Key Performance Measure	Service Level Objective	Performance Measure Process	Current Service Level
TECHNICAL SERVICE LEVELS			
Operating Cost Effectiveness	Provide cost effective Community Wastewater Management System to meet SA Health, Environment Protection Authority (EPA) and Office of the Technical Regulator (OTR) guidelines and community expectations.	Monitor energy usage.	Energy usage maintained to current or below current levels. Review periodically energy usage, investigate solar options for WWTP and Pump Stations. Refer to Renewal / New capital works.
Maintenance	Periodic visual assessment and servicing of access points.	Routine removal and inspection of access lids.	Access to all reported blockages available within the 4-hour timeframe where possible.
	Periodic visual assessment to determine condition and function of the CWMS network.	CCTV inspection (when required) and drain flushing.	Ongoing inspections and flushing at intervals of not more than 12 months. Flush gravity network pipes, mains, pump stations. Removal of waste, debris and descaling of pipes. Table 1 - as per the locations and sites listed below.
	Wastewater Treatment Plant (WWTP) compliance to licence conditions.	Regular site inspections to ensure licence conditions are met.	Ongoing and regular site inspections of WWTP and irrigated areas. Attend to irrigation sprinkler operations and maintenance requirements.
Condition	Network assets in good condition to ensure Community Wastewater Management System has appropriate design capacity	Continuous monitoring of pump stations operating hours.	No pump station to operate for more than 12 hours per day as per SA Health, Environment Protection Authority (EPA) and Office of the Technical Regulator (OTR) guidelines.
Renewal	Improve operational and technical effectiveness and efficiencies. Planning of capital works.	Develop a 15-year and 3-year capital works program. Focus to improve operational and technical effectiveness and efficiencies.	Council will monitor the performance and condition of CWMS infrastructure and maintain a 15-year capital works program that is reviewed annually.

	Targeted capital works when system capacity or Work Health and Safety issues arise.	Mains power usage vs solar/battery options. Capacity and functionality of rising mains, pipes, valves, chambers, sumps and pumps. Wireless supervisory control and data acquisition (SCADA) communication, alarming or telemetry to detect sump depth or pressure drop. Emergency storage requirements. Assets greater than a condition rating of 3 (condition assessment based on Water Services Australia Code of Practice WSA 05) will be scheduled for rehabilitation or capital renewal/ upgrade.	Council will maintain a three-year rolling capital works program.
New/Upgrade	Improve operational and technical effectiveness and efficiencies. Planning of capital works. Targeted capital works when system capacity or Work Health and Safety issues arise.	Develop a 10-year and 3-year capital works program. Focus to improve operational and technical effectiveness and efficiencies. Mains power usage vs solar/battery options. Capacity and functionality of rising mains, pipes, valves, chambers, sumps and pumps. Wireless supervisory control and data acquisition (SCADA) communication, alarming or telemetry to detect sump depth or pressure drop. Emergency storage requirements.	Council will monitor the performance and condition of CWMS infrastructure and maintain a 15-year capital works program that is reviewed annually. Council will maintain a three-year rolling capital works program.
Function	Odour control from Wastewater Treatment Plants and lagoon storage.	Periodic monitoring level of odour near Wastewater Treatment Plant and lagoon.	Ongoing monitoring.

	Septic Tank desludging.	Implement a desludging program.	Action 100% of Septic Tanks due for desludging on a four (4) yearly rolling works program. As per the areas and townships listed below.
Safety	Planned renewal if Work Health and Safety component treated water quality.	Planned renewal works. Compliance to reclaimed water guidelines.	Water testing undertake the required number of CWMS water samples that meet SA Health, Environment Protection Authority (EPA) and Office of the Technical Regulator (OTR) guidelines.

Maintenance

Inspections and Flushing

Flush gravity network pipes, mains, pump stations. Removal of waste, debris and descaling of pipes.

Locations

Coolate Landing - Gravity to Sump – Jetta Pressure from Sump to WWTP – Scour	Kia 5 Mile Gravity to Sump – Jetta Pressure to WWTP - Scour	7 Mile Gravity - Jetta
Julanker, Younghusband Gravity to 2 Sumps – Jetta Pressure to WWTP – Scour	Truro Gravity – Jetta Pressure to Stockwell	Marks Landing Gravity to 2 Sumps – Jetta Pressure to WWTP - Scour
South Punyelroo Gravity to 3 Sumps – Jetta Pressure to WWTP – Scour	Old Teal Flat Gravity to Sump - Jetta	The Rock Gravity to WWTP - Jetta
Chucka Bend Gravity to Bow Hill Sump – Jetta Pressure to WWTP - Scour	Bowhill, Caurnamont, Rob Loxton Road, Swan Reach Hotel to Markes Landing, Idyll Acres to 2 Sumps to WWTP. North West Bend / Beaumonts, Morgan Vessel, Brenda Park / Morphett Flat, Pelican Point and Blanchetown Vessel all Pressure Sewer – Scour	Bolto Reserve, Teal Flat, Walker Flat (Sprinklers Drive), Kiosk Drive, Scrubby Flat, Kroehns Landing, Greenways, Swan Reach, Big Bend, Blanchetown, Morgan Caravan Park and Scott's Creek are all Pressure Effluent - Scour

Function

Septic Tank Desludging Program Action 100% of Septic Tanks due for desludging on a four (4) yearly rolling works program.

Septic Tank Areas

Scotts Creek	Scrubby Flat	Bolto/Cowirra
Brenda Park	Kroehns Landing	Pellaring Flat
Blanchetown	Swan Reach	Teal Flat
Big Bend	Walker Flat	
Greenways Landing	Truro	

FUTURE DEMAND

4.1 Demand Forecasts

Drivers affecting demand include population change, changes in demographics, seasonal factors, consumer preferences and expectations, technological changes, economic factors, agricultural practices and environmental awareness. The impact of these trends are regularly examined and demand management strategies are recommended as a technique to modify demand without compromising customer expectation. The Population Projections by Local Government Area predicts the Estimated Resident Population will increase as follows:

In forecasting on the future integration of land use and Community Wastewater Management System (CWMS) planning, the following are being reviewed:

- Opportunities for provision of reuse water to Council open space and recreation parks
- Land use effluent disposal demand
- Effluent reuse, including community and/or other entities
- Irrigation
- Urban Boundary Growth

Factors affecting demand include changes in demographics, customer preferences and expectations and economic factors, etc. Demand factor trends and impacts on service delivery are summarised in Table 4.1.0

Table 4.1.0: Demand Factors, Projections and Impact on Services

Description	Demand Forecast	Demand Impact (Projection)	Impact on Services
Population Increase	At any given time there are significantly more additional visitors residing in the community as tourists or people frequenting their holiday home. At peak tourist season from December to February the population grows to almost 20,000	The population estimate for Mid Murray Council area as of the 30th of June 2023 is 9,496 Since the previous year, the population has grown by 0.86% Seasonal impact from December to February the population swells to almost 20,000	Increased demand and use of CWMS assets will affect the useful life of the assets which will likely increase the maintenance and renewal program. A review needs to be undertaken to confidently determine capacity currently exists to accommodate potential future demand on the Community Wastewater Management System.
Population	The 2023 Estimated Resident Population for Mid Murray Council area is 9,496, with a population density of 1.51 persons per square kilometre. Land area 6,273 square km. (2023 ABS ERP)	In 2021, the largest age in Mid Murray Council area was 65–69-year-olds. The group that changed the most since 2016 was 70- to 74-year-olds, increasing by 240 people.	
Demographics	The census usual resident population of Mid Murray Council area in 2021 was 9,164 living in 7,416 dwellings with an average household size of 2.07	Future growth from 2016 to 2021 'usual population' has grown from 8,642 to 9,164 +522 (Source: Australian Bureau of Statistics)	Potential impact from new land developments.

4.2 Demand Impact and Demand Management Plan

Demand for new services will be managed through a combination of managing existing assets, upgrading of existing assets and providing new assets to meet demand and demand management. Council will determine the ability of the existing systems to manage increased requirements. Opportunities identified to date for demand management are shown in Table 4.2.0

Further opportunities will be developed in future revisions of this asset management plan.

Table 4.2.0: Demand Management Plan

Service Activity	Demand Management Plan
<i>Wastewater Collection</i>	Investigate capacity assessment of each pump station. Evaluation of impact of new allotments on existing infrastructure. Assess developer contributions per Council policy. Negotiated developer system augmentations where required. Assessment of seasonal accommodation demands.
<i>Wastewater Treatment, Storage and Reuse</i>	Review capacity assessment of wastewater harvesting facilities. Capacity assessment of wastewater treatment processes, transfer and storage of treated wastewater. Evaluation of impact of new irrigation areas. Plan to incorporate any identified growth of treated effluent demand for irrigation.
<i>Trade Waste Discharge</i>	These impacts will be minimised by applying strict water quality discharge limits on all trade waste connections to the system.
<i>Stormwater Inflow</i>	Increased stormwater inflow into the wastewater network. Focused flow monitoring of system and smoke testing targeted areas. Public education plays a significant role in the minimisation of rainwater inflow into the wastewater network. Increasing community awareness on the effects of the excessive inflow rates will help in reducing the number of faulty private drains and illegal stormwater connections.
<i>Best Practice Innovations</i>	Uniformity between systems, as best as practical. Telemetry and automation - remote monitoring and notifications.

LIFECYCLE MANAGEMENT PLAN

The lifecycle management plan details how the Council plans to manage and operate the assets at the agreed service levels while managing life cycle costs.

5.1 Background Data

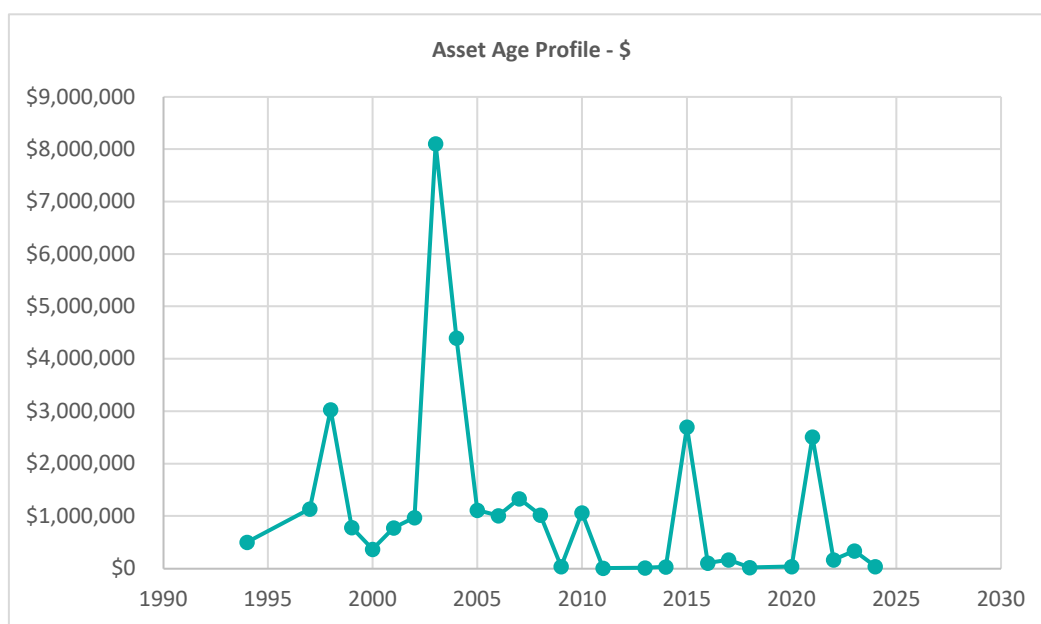
This asset management plan covers the following infrastructure assets owned by the Mid Murray Council:

- Collection Network - Gravity mains, rising mains, property connections, flushing points, manholes and inspection points.
- Mechanical and Electrical - Instrumentation, cabinets, switch boards, surface aerators, filtration units and wastewater pumps.
- Wastewater Treatment Plants.
- Civil Assets - Pumpstation sumps, sheds, and tanks.
- Treatment Lagoons - Lagoon liners, inlets, outlets, mooring posts, mooring cables, and pipework.
- Irrigation - Recycled irrigation line, valves, and nozzles.

Note that the above is not an all-inclusive list of each asset within each category.

The age profile of the assets include in this Asset Management Plan is shown in Figure 3

Figure 3: Asset Age Profile - Dollars



5.2 Asset Capacity and Performance

Council's services are generally provided to meet design standards where these are available. Locations where deficiencies in service performance are known are detailed in Table 5.2.0

Table 5.2.0: Known Service Performance Deficiencies

Assets	Service Deficiency
Wastewater Treatment Plants and Storage Lagoons	Create a routine maintenance plan in accordance with industry practices and legislative requirements. No capacity monitoring undertaken.
Wastewater Treatment, Storage and Reuse	Plan to incorporate any identified growth of treated effluent demand for irrigation use.
Wastewater Collection	Assessment of seasonal accommodation demands.
Pump Stations	Create a routine maintenance plan in accordance with industry practices and legislative requirements.
Collection Network	No condition assessment has been undertaken for the collection network such as CCTV (Closed-Circuit Television Video) inspections for pipes and structures (nodes). No capacity monitoring undertaken within gravity collection network. Create a routine maintenance plan in accordance with industry practices and legislative requirements.

The above service deficiencies were identified and are being considered and prioritised. Refer to above Demand Management Plan.

5.3 Asset Condition

Condition is currently monitored via field collection of CWMS at the time of asset revaluation.

Condition is measured using a 1-5 grading system¹ as detailed in Table 5.3.0. It is important that a consistent approach is used in reporting asset performance enabling effective decision support. A finer grading system may be used at a more specific level, however, for reporting in the Asset Management Plan results are translated to a 1-5 grading scale for ease of communication.

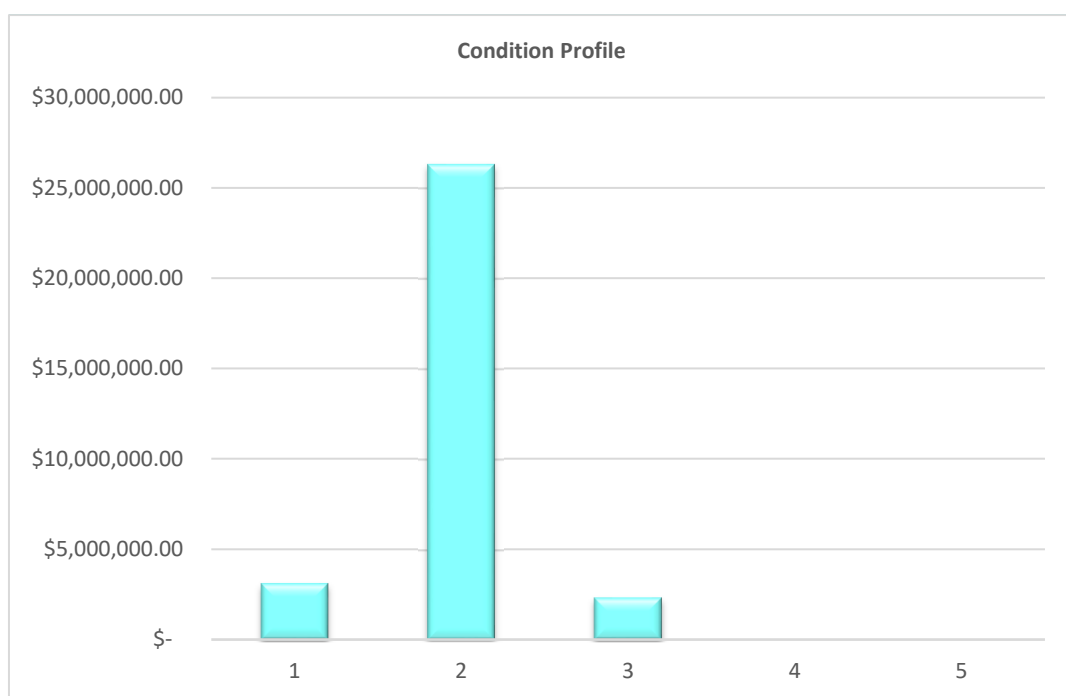
Table 5.3.0: Condition Grading System

Condition Grading	Description of Condition
1	Very Good: free of defects, only planned and/or routine maintenance required
2	Good: minor defects, increasing maintenance required plus planned maintenance
3	Fair: defects requiring regular and/or significant maintenance to reinstate service
4	Poor: significant defects, higher order cost intervention likely
5	Very Poor: physically unsound and/or beyond rehabilitation, immediate action required

The overall condition score and subsequent consumption of the Community Wastewater Management System assets has been estimated based on a combination of available data such as age and the standard useful life of the asset. The condition profile of Council's assets is shown in Figure 4.

¹ IPWEA, 2015, IIMM, Sec 2.5.4, p 2|80.

Figure 4: Asset Condition Profile



Condition	CRC (\$'000)	Weight (%)
1	\$ 3,102,732.00	9.76%
2	\$ 26,318,261.72	82.83%
3	\$ 2,313,227.20	7.28%
4	\$ 39,800.00	0.13%
5	\$ 00	0.00%
	\$ 31,774,020.92	100%

Table 5.3.1: Asset Standard Useful Lives

Asset	Standard Useful Life
Electricals/Switchboards	35
Stock/Chain Mesh Fences	55
Irrigation	45
Pumps	25
PLC Units	30
Tanks	50
Rising Mains	60
Vents/Filters	45
Connection Points	60
Sheds/Enclosures	50
Air Valves	20
Aerators	20
Alarm Type 2	30
Aluminium Panels/Gate	40
Flushing Points	80
Meter Type 4	40
Gravity Drains	100

5.4 Asset Valuations

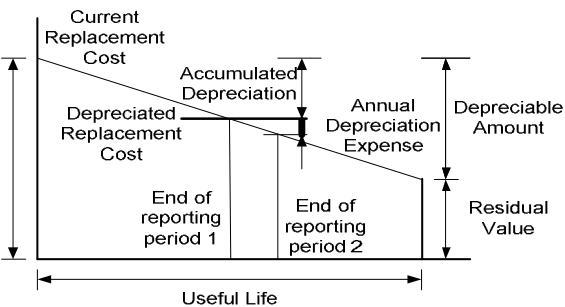
The value of assets recorded in the asset register as at **June 2024** covered by this asset management plan is shown below. Assets were last revalued at **July 2023**. Assets are valued at fair-value asset accounting based on AASB116 (Australian Accounting Standard Board).

Current Replacement Cost	\$31,774,020.92
Accumulated Depreciation	\$12,442,820.96
Closing Written Down Value (CWDV)	\$19,331,199.99
Annual Depreciation Expense	\$643,870.80

Useful lives were reviewed in **2024** by detailed condition analysis.

Key assumptions made in preparing the valuations were:

- Using local projects
- Using local data (metric unit rates)
- That the CWMS Asset Register is a true reflection of the actual network and composition



The estimated current rate of consumption (annual depreciation /depreciable amount) for CWMS assets is **2.02%**. This indicates that over the life of the asset that **2.02%** of the depreciable amount is consumed annually. The translation of this consumption rate into renewals is subject to a decision on funding, service level determination, timing of renewal and condition.

Various ratios of asset consumption and expenditure have been prepared to help guide and gauge asset management performance and trends over time.

Rate of Annual Asset Consumption (Depreciation/Depreciable Amount)	2.02%
Rate of Annual Asset Renewal (Capital renewal exp/Depreciable amount)	1.50%
Rate of Annual Asset Upgrade/New (Capital upgrade exp/Depreciable amount)	0.14%

In financial year 2024-25 Council plans to renew capital assets at **1.22%** of the rate they are being consumed and will be increasing its asset stock by **1.75%** in the year.

5.5 Operating and Maintenance Plan

Operating includes regular activities to provide services. Examples of typical operational activities include electricity, licence fees and other expenses. Special Operating refers to the undertaking of Capacity and Capability Assessment of CWMS sites. Refer Appendix B

Maintenance includes all actions necessary for retaining an asset as near as practicable to an appropriate service condition including regular ongoing day-to-day work necessary to keep assets operating. Examples of typical maintenance activities include pipe cleaning, general servicing or repairs and flood recovery during financial years 2022-23 and 2023-24.

*Impact of one of the worst floods in Councils history created a negative impact on Councils CWMS maintenance budget as shown in financial years 2022-23 and 2023-24.

The trend in operating and maintenance budgets are shown in Tables 5.5.0 and 5.5.1

Table 5.5.0: Operating Budget Trends

Year	Operating Budget \$
2024-25	\$ 876,013.96 (Budget)
2023-24	\$ 480,171.05 (Actual)
2022-23	\$ 484,563.70 (Actual)
2021-22	\$ 480,886.16 (Actual)

Table 5.5.1: Maintenance Budget Trends

Year	Maintenance Budget \$
2024-25	\$ 117,606.00 (Budget)
2023-24	\$ 412,097.50* (Actual)
2022-23	\$ 448,019.56* (Actual)
2021-22	\$ 158,840.28 (Actual)

Maintenance budget levels are considered to be adequate to meet projected service levels, which may be less than or equal to current service levels. Where maintenance budget allocations are such that they will result in a lesser level of service, the service consequences and service risks have been identified and are highlighted in this Asset Management Plan and service risks considered in the Infrastructure Risk Management Plan.

5.6 Renewal Plan

Renewal is major capital work which does not significantly alter the original service provided by the asset, but restores, rehabilitates, replaces or renews an existing asset to its original service potential. Work over and above restoring an asset to original service potential is considered to be an acquisition resulting in additional future operating and maintenance costs.

Assets requiring renewal are identified from one of two approaches in the Lifecycle Model. Mid Murray Council applies both Models 1 and 2 to determine asset renewal timing.

1. The first method uses Asset Register data to project the renewal costs (current replacement cost) and renewal timing (acquisition year plus the remaining useful life to determine the renewal year), and
2. The second method uses an alternative approach to estimate the timing and cost of forecast renewal work (i.e. condition grading/ranking modelling system, staff judgement, average network renewals, or other).

The useful lives of assets used to develop projected asset renewal forecasts are shown in Table 5.6.0

Asset useful lives were last reviewed June 2024.

Table 5.6.0: Useful Lives of Assets

Asset Description	Standard Useful Life
Electricals/Switchboards	35
Stock/Chain Mesh Fences	55
Irrigation	45
Pumps	25
PLC Units	30
Tanks	50
Rising Mains	60
Vents/Filters	45
Connection Points	60
Sheds/Enclosures	50
Air Valves	20
Aerators	20
Alarm Type 2	30
Aluminium Panels/Gate	40
Flushing Points	80
Meter Type 4	40
Gravity Drains	100

5.7 Selection Criteria

Asset renewal is typically undertaken to either:

- Ensure the reliability of the existing infrastructure to deliver the service it was constructed and provided to facilitate
- To ensure the infrastructure is of sufficient quality to meet the service requirements

It is possible to prioritise renewals by identifying assets or asset groups that:

- Have a high consequence of failure
- Remaining Useful Life
- Condition Grading
- Have high use and subsequent impact on users would be significant
- Have higher than expected operational or maintenance costs, and
- Have potential to reduce life cycle costs by replacement with a modern equivalent asset that would provide the equivalent service.²

The ranking criteria used to determine priority of identified renewal proposals is detailed in Table 5.7.0

Table 5.7.0: Renewal Priority Ranking Criteria

Criteria	Weighting
Remaining Useful Life (RUL)	40
Condition Grading	40
Risks – residual risk high or extreme	10

² Based on IPWEA, 2015, IIMM, Sec 3.4.5, p 3|97.

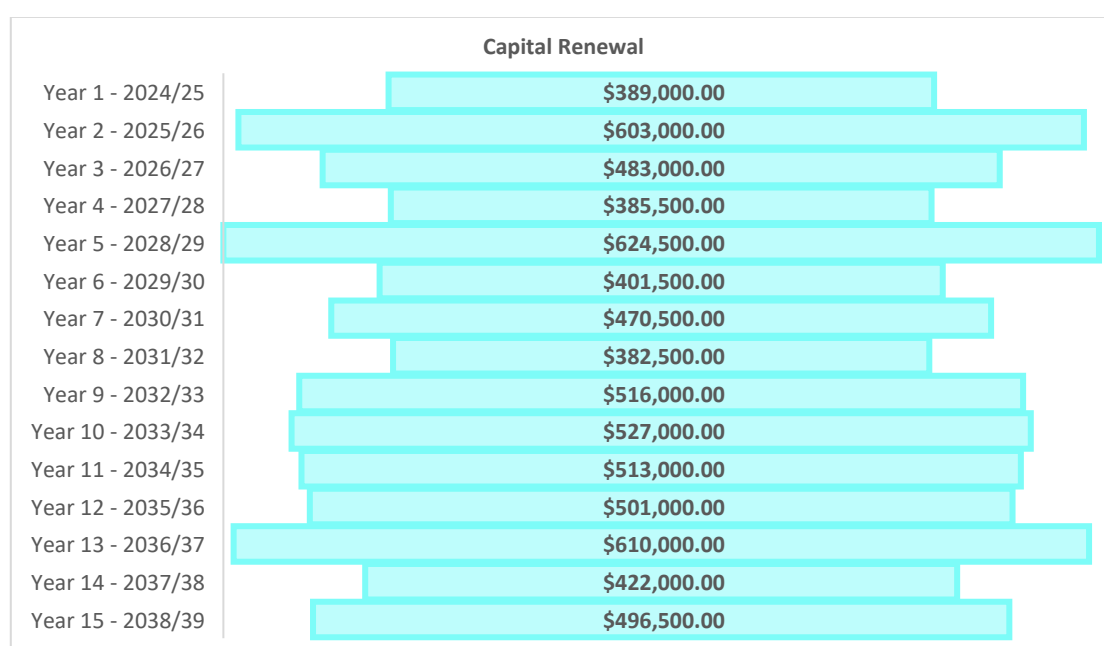
Safety/Compliance	10
Total	100%

5.8 Summary of Future Renewal Costs

Forecast renewal costs are projected to increase over time if the asset stock increases. The forecast costs associated with renewals are shown relative to the proposed renewal budget in Figure 3. A detailed summary of the forecast renewal costs is shown in Appendix A

The financial projections from this asset plan are shown in Figure 4 and Table 5.13.0. These projections include forecast expenditure for Capital Renewal and New/Upgrade values shown in today's dollars, (June 2024). Excludes GST and Grant Funding. However, Maintenance, Operating & Special Operating values have been indexed, Average 2.6% from Year 1. 2024-25 through to Year 10. 2034-35.

Figure 4: Forecast Renewal Costs



All values are shown in today's dollars, (June 2024). Excludes GST and Grant Funding

5.9 Capital New/Upgrade Plan

Acquisition reflects are new assets that did not previously exist or works which will upgrade or improve an existing asset beyond its existing capacity. They may result from growth, demand, social or environmental needs. Assets may also be donated, gifted to Council.

5.10 Selection Criteria

Proposed acquisition of new assets, and upgrade of existing assets, are identified from various sources such as community requests, proposals identified by strategic plans or partnerships with others. Potential upgrade and new works should be reviewed to verify that they are essential to the entities needs. Proposed upgrade and new work analysis should also include the development of a preliminary renewal estimate to ensure that the services are sustainable over the longer term. Verified proposals can then be ranked by priority and available funds and scheduled in future works programmes. The priority ranking criteria is detailed in Table 5.10.0

Table 5.10.0: New/Upgrade Assets Priority Ranking Criteria

Criteria	Weighting
Demand/Growth	60
Safety/Compliance	20
Risks – residual risk high or extreme	20
Total	100%

5.11 Summary of future asset Capital New/Upgrade

Forecast New/Upgrade asset costs are summarised in Figure 5 and shown relative to the proposed new/upgrade budget. The forecast capital new/upgrade works program is shown in Appendix A

The financial projections from this asset plan are shown in Figure 6 and Table 5.13.0. These projections include forecast costs for all Capital Renewal and New/Upgrade values shown in today's dollars, (June 2024). Excludes GST and Grant Funding. However, Maintenance and Operating values have been indexed, Average 2.6% from Year 1. 2024-25 through to Year 10. 2034-35.

Figure 5: Capital New/Upgrade Summary

Capital New/Upgrade	
Year 1 - 2024/25	\$557,582.00
Year 2 - 2025/26	
Year 3 - 2026/27	\$150,000.00
Year 4 - 2027/28	
Year 5 - 2028/29	
Year 6 - 2029/30	
Year 7 - 2030/31	
Year 8 - 2031/32	
Year 9 - 2032/33	
Year 10 - 2033/34	
Year 11 - 2034/35	
Year 12 - 2035/36	
Year 13 - 2036/37	
Year 14 - 2037/38	
Year 15 - 2038/39	

All values are shown in today's dollars, (June 2024). Excludes GST and Grant Funding

5.12 Disposal Plan

Disposal includes any activity associated with disposal of a decommissioned asset including sale, demolition, or relocation. No identified CWMS infrastructure assets for disposal are known within the 10-year planning period.

5.13 Summary of Asset Forecast Costs

The financial projections from this asset plan are shown in Figure 6 and Table 5.13.0. These projections include forecast expenditure for Capital Renewal and New/Upgrade values shown in today's dollars, (June 2024). Excludes GST and Grant Funding. However, Maintenance and Operating, Special Operating values have been indexed, Average 2.6% from Year 1. 2024-25 through to Year 10. 2033-34.F

Figure 6: Lifecycle Summary Forecast 10 Yrs. Expenditure

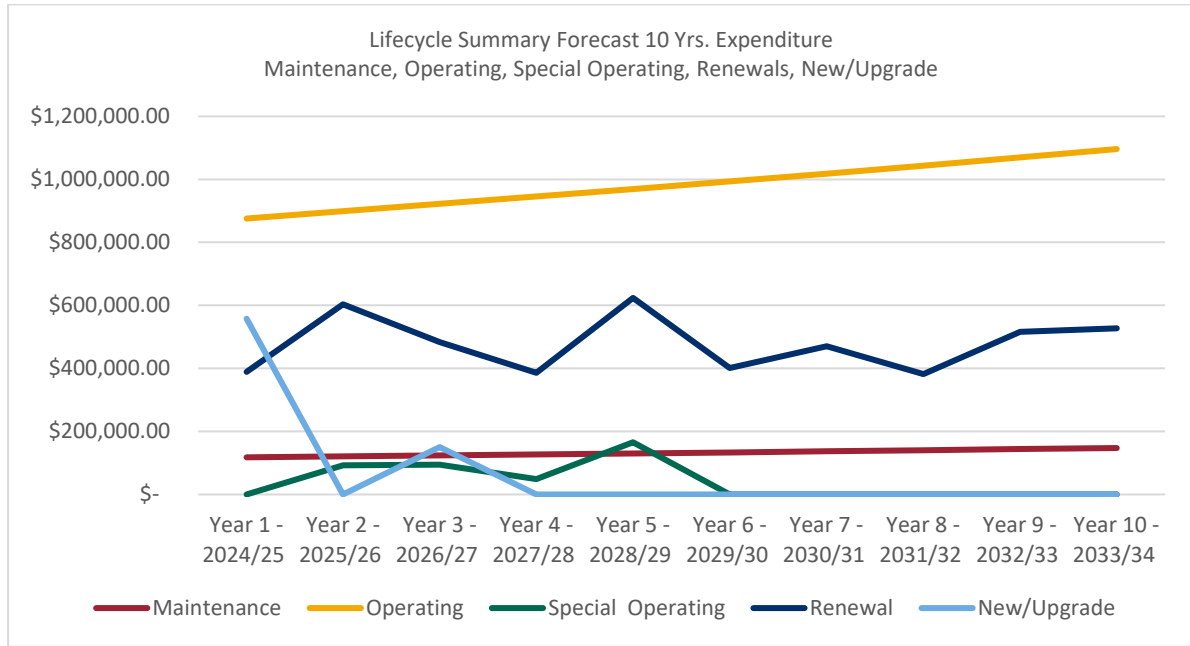


Table 5.13.0: Lifecycle Summary Forecast 10 Yrs. Expenditure

Year	CPI Forecast % Increase M/O only	Capital (no % increase)				
		Maintenance	Operating	Special Operating	Renewal	New/Upgrade
Year 1 - 2024/25	3.1%	\$ 117,606	\$ 876,013		\$ 389,000	\$ 557,582
Year 2 - 2025/26	2.6%	\$ 120,664	\$ 898,790	\$ 92,350	\$ 603,000	\$
Year 3 - 2026/27	2.6%	\$ 123,801	\$ 922,158	\$ 94,700	\$ 483,000	\$ 150,000
Year 4 - 2027/28	2.5%	\$ 126,896	\$ 945,212	\$ 48,500	\$ 385,500	\$
Year 5 - 2028/29	2.5%	\$ 130,068	\$ 968,843	\$ 165,900	\$ 624,500	\$
Year 6 - 2029/30	2.5%	\$ 133,320	\$ 993,064	\$	\$ 401,500	\$
Year 7 - 2030/31	2.5%	\$ 136,653	\$ 1,017,890	\$	\$ 470,500	\$
Year 8 - 2031/32	2.5%	\$ 140,069	\$ 1,043,338	\$	\$ 382,500	\$
Year 9 - 2032/33	2.5%	\$ 143,571	\$ 1,069,421	\$	\$ 516,000	\$
Year 10 - 2033/34	2.5%	\$ 147,160	\$ 1,096,156	\$	\$ 527,000	\$
Year 11 - 2034/35	2.5%	\$ 150,839	\$ 1,123,560	\$	\$ 513,000	\$
Year 12 - 2035/36	2.5%	\$ 154,610	\$ 1,151,649	\$	\$ 501,000	\$
Year 13 - 2036/37	2.5%	\$ 158,475	\$ 1,180,441	\$	\$ 610,000	\$
Year 14 - 2037/38	2.5%	\$ 162,437	\$ 1,209,952	\$	\$ 422,000	\$
Year 15 - 2038/39	2.5%	\$ 166,498	\$ 1,240,201	\$	\$ 496,500	\$
2.6% Av		\$ 2,112,667	\$ 15,736,688	\$ 401,450	\$ 7,325,000	\$ 707,582

RISK MANAGEMENT PLANNING

The purpose of infrastructure risk management is to document the findings and recommendations resulting from the periodic identification, assessment and treatment of risks associated with providing services from infrastructure, using the fundamentals of International Standard ISO 31000:2018 Risk Management – Principles and Guidelines. Risk Management is defined in ISO 31000:2018 as: coordinated activities to direct and control regarding risk³.

An assessment of risks⁴ associated with service delivery will identify risks that will result in loss or reduction in service, personal injury, environmental impacts, a 'financial shock', reputational impacts, or other consequences. The risk assessment process identifies credible risks, the likelihood of the risk event occurring, and the consequences should the event occur. The risk assessment should also include the development of a risk rating, evaluation of the risks and development of a risk treatment plan for those risks that are deemed to be non-acceptable.

Critical assets are defined as those which have a high consequence of failure causing significant loss or reduction of service. Critical assets have been identified and along with their typical failure mode, and the impact on service delivery, are summarised in Table 6.0.1. Failure modes may include physical failure, collapse or essential service interruption.

Table 6.0.1: Critical Assets

Critical Assets	Failure Mode	Impact
Pump Stations	Breakdowns	Possible Overflows
Treatment Lagoons	Over Topping	Possible Overflows

By identifying critical assets and failure modes an organisation can ensure that investigative activities, condition inspection programs, maintenance and capital expenditure plans are targeted at critical assets.

The risk management process used is shown in Figure 7 below.

It is an analysis and problem-solving technique designed to provide a logical process for the selection of treatment plans and management actions to protect the community against unacceptable risks.

The process is based on the fundamentals of International Standard ISO 31000:2018

³ ISO 31000:2009, p 2

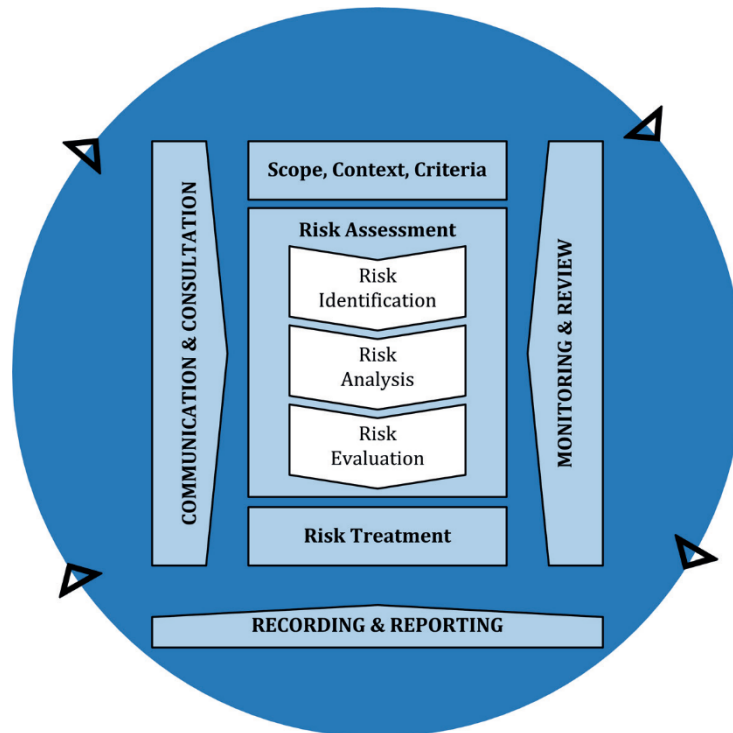


Figure 7: Risk Management Process – Abridged

Source: ISO 31000:2018, Figure 1, p9

The risk assessment process identifies credible risks, the likelihood of the risk event occurring, the consequences should the event occur, development of a risk rating, evaluation of the risk and development of a risk treatment plan for non-acceptable risks.

An assessment of risks⁵ associated with service delivery will identify risks that will result in loss or reduction in service, personal injury, environmental impacts, a 'financial shock', reputational impacts, or other consequences.

Critical risks are those assessed with 'Very High' (requiring immediate corrective action) and 'High' (requiring corrective action) risk ratings identified in the Infrastructure Risk Management Plan. The residual risk and treatment costs of implementing the selected treatment plan is shown in Table 6.2.0. It is essential that these critical risks and costs are reported to the Executive Management Team.

Table 6.2.0: Risks and Treatment Plan

Category	Service or Asset at Risk	What can Happen	Risk Rating (E, H, M, L)	Risk Treatment Plan	Residual* Risk	Treatment
Operational	Treatment Plant	Discharge to environment from inadequate capacity	Medium	Upgrade capacity storages.	Low	Investigate & address storage capacity requirements
Operational	Effluent Lines	Blockage	High	Program regular flushing of lines and inspections.	Low	Under this AMP, refer to Service Levels

Operational	Pump Stations	Blockage	High	Program regular flushing of lines and inspections.	Low	Under this AMP, refer to Service Levels
Operational	Pump Stations	Pump Failure	High	Install telemetry monitoring, emergency response plan, determine requirements for emergency generator, emergency portable pump.	Low	Investigate, MMC own a mobile diesel generator Under review, install telemetry to undertake remote monitoring
Operational	Gravity/Main Lines	Infrastructure damaged by excavation	High	MMC hold As Constructed design plans.	Medium	Advise staff to seek details from civil contractor/consultant and place into MMC corporate records management system
Operational	Gravity/Main Lines	Deterioration of existing lines	High	Systematic cleaning and inspection of drain and replace or repair when required	Low	Undertake CCTV periodic checks, MMC to purchase pressure cleaning system fy2024-25

*Note: The residual risk is the risk remaining after the selected risk treatment plan is implemented.

ASSET RENEWAL FUNDING RATIO

The Asset Renewal Funding Ratio is the most important indicator and reveals that over the next 10 years, Council is forecasting that it will have **100%** of the funds required for the optimal renewal and replacement of its assets.

Asset Renewal Funding Ratio⁶ **100%**

Sustainability performance targets ensure that long term financial sustainability of Council covering capital renewals, maintenance of CWMS assets. Councils adopted Asset Renewal Funding Ratio Target 85-115%

Projected 10-Yr. Total Expenditure (AMP)

The projected outlays necessary to provide the services covered by this Asset Management Plan includes Operating, Special Operating, Maintenance, Renewals and New/Upgrades over a 10-Year planning period is **\$17,042,225** or **\$1,704,222** on average per year.

Projected 10-Yr. Renewal Expenditure (AMP)

Projected expenditure outlay necessary to provide the services covered by this Asset Management Plan for RENEWALS over a 10-Year planning period is **\$4,782,500.00** or **\$478,250** on average per year which is the cost to provide the service in line with this plan.

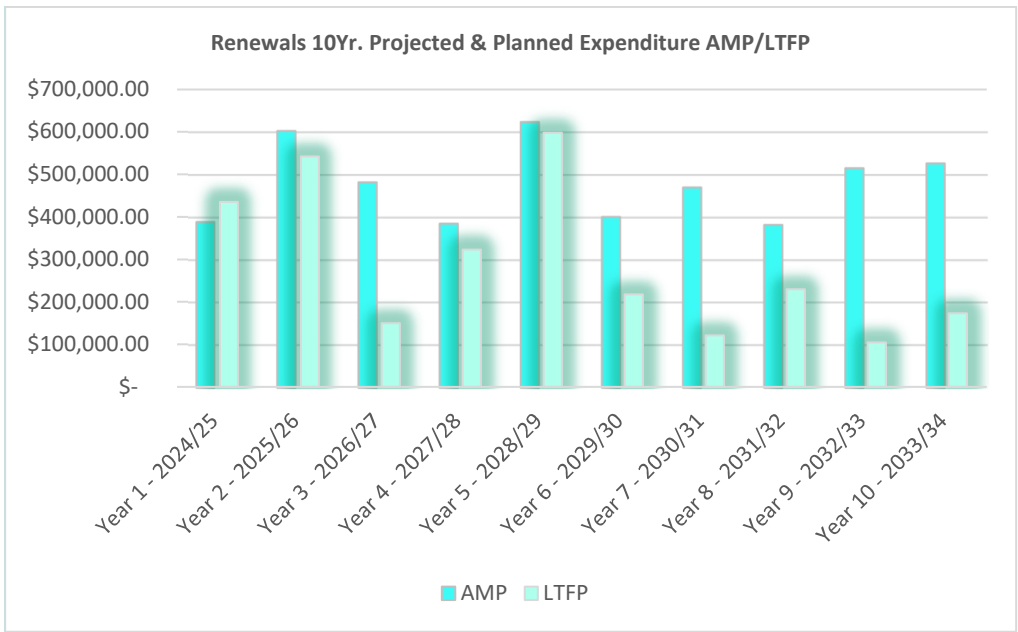
Planned 10-Yr. Renewal Expenditure (LTFP)

Planned expenditure estimated available funding over the 10-Year Long Term Financial Plan period for RENEWALS is **\$2,895,000.00** or **\$289,500** on average per year which is the funds to provide the service.

Projected & Planned Renewal Expenditure Difference (AMP/LTFP)

This is a funding shortfall of **\$-188,750** on average per year for projected expenditure required to provide services RENEWALS in the Asset Management Plan compared with planned expenditure currently included in the 10-Year Long Term Financial Plan.

Figure 8: Renewals 10Yr. Projected & Planned Expenditure AMP/LTFP



7.1 Key Assumptions made in Financial Forecasts

⁶ AIFMG, 2012, Version 1.3, Financial Sustainability Indicator 4, Sec 2.6, p 2.16

This section details the key assumptions made in presenting the information contained in this asset management plan and in preparing forecasts of required operating and capital expenditure and asset values, depreciation expense and carrying amount estimates. It is presented to enable readers to gain an understanding of the levels of confidence in the data behind the financial forecasts.

Key assumptions made in this asset management plan and risks that these may change are shown in Table 7.1.0

Table 7.1.0: Key Assumptions made in Asset Management Plan & Risks of Change

Key Assumptions	Risks of Change to Assumptions
Expenditures	All Capital Renewal and New/Upgrade values are shown in today's dollars, (June 2024). Excludes GST and Grant Funding. However, Maintenance, Operating & Special Operating values have been indexed, Average increase 2.6% from Yr1. 2024-25 through to Yr10. 2034-35 Refer: Figure 6 Lifecycle Summary Forecast Costs Table 5.13.0 Lifecycle Summary Forecast Costs
Initial renewal and new/upgrade costs have been based on historical costs, condition deterioration work, and compared to the depreciation provision and the funding available. Renewal costs typically increase by an average of 2-4% per annum over the life of the Plan to allow for the impact of an enlarged asset base.	All Capital Renewal and New/Upgrade values are shown in today's dollars, (June 2024), Excludes GST and Grant Funding. However, Maintenance, Operating & Special Operating values have been indexed, Average 2.6% from Yr1. 2024-25 through to Yr10. 2034-35 Refer: Figure 6 Lifecycle Summary Forecast Costs Table 5.13.0 Lifecycle Summary Forecast Costs
Maintenance and Operation costs have been indexed to increase by 2.6% per annum over 10-years. Again, as asset value is predicted to increase by some 2.22% over the life of the 15-year plan, this assumption will need to be closely monitored to ensure that sufficient maintenance funds are available to optimise long term expenditure and not create a backlog of works.	
Continuation of the current rate and pattern of development.	Population growth factor of 0.86% per year has been included.
Capital forecast costs for Renewal and New/Upgrade have been placed into their respective categories, based on the information provided.	Cost assumptions are based on past and known costs to reflect Renewal and New/Upgrade capital costs. Renewals took into consideration the Current Replacement Costs.

7.2 Forecast Reliability and Confidence

The forecast costs, proposed budgets, and valuation projections in this Asset Management Plan are based on the best available data. For effective asset and financial management, it is critical that the information is current and accurate. Data confidence is classified on a A-E level scale⁷ in accordance with Table 7.2.0

Table 7.2.0: Data Confidence Grading System

Confidence Grade	Description
A. Very High	Data based on sound records, procedures, investigations and analysis, documented properly and agreed as the best method of assessment. Dataset is complete and estimated to be accurate $\pm 2\%$
B. High	Data based on sound records, procedures, investigations and analysis, documented properly but has minor shortcomings, for example some of the data is old, some documentation is missing and/or reliance is placed on unconfirmed reports or some extrapolation. Dataset is complete and estimated to be accurate $\pm 10\%$
C. Medium	Data based on sound records, procedures, investigations and analysis which is incomplete or unsupported, or extrapolated from a limited sample for which grade A or B data are available. Dataset is substantially complete but up to 50% is extrapolated data and accuracy estimated $\pm 25\%$
D. Low	Data is based on unconfirmed verbal reports and/or cursory inspections and analysis. Dataset may not be fully complete, and most data is estimated or extrapolated. Accuracy $\pm 40\%$
E. Very Low	None or very little data held.

The estimated confidence level for and reliability of data used in this Asset Management Plan is shown in Table 7.2.1

Table 7.2.1: Data Confidence Assessment for Data used in Asset Management Plan

Data	Confidence Assessment	Comment
Demand Drivers	High	Strategic Plan Annual Business Plan
Growth Projections	High	Strategic Plan Annual Business Plan ABS data
New/Upgrade Forecast	High	Strategic Plan Annual Business Plan Long Term Financial Plan Annual Budget
Operation Forecast	Very High	Extrapolated from previous years, increase in Year 1. 2024/25 due to FTE requirements. Annual Budget Long Term Financial Plan
Maintenance Forecast	Very High	Extrapolated from previous years Annual Budget

⁷ IPWEA, 2015, IIMM, Table 2.4.6, p 2 | 71.

		Long Term Financial Plan
Renewal Forecast	Very High	Strategic Plan Annual Business Plan Long Term Financial Plan Annual Budget
Remaining Useful Life (RUL)	Very High	Full Revaluation of Asset Register
Condition Modelling	High	Reviewed in accordance with full revaluation/asset register, Remaining Useful Life (RUL) and Condition Grading
Disposal Forecast	None Identified	None Identified

The estimated confidence level for and reliability of data used in this Asset Management Plan is considered High.

IMPROVEMENT AND MONITORING PLAN

8.1 Status of Asset Management Practices

Accounting and financial data sources

This Asset Management Plan utilises accounting, financial data & asset register data.

Asset management data sources

This Asset Management Plan also utilises asset management data from Microsoft Excel spread sheets. Council does not operate a dedicated Asset Management software system, however, this is being explored.

8.2 Improvement and Monitoring Plan

The following tasks have been identified for improving future versions of the Plan.

Table 8.2.0: Improvement and Monitoring Plan

Task No.	Task	Responsibility	Timeline
1	Review Service Levels	Project Officer	Annually
2	Undertake CCTV condition assessment of the network in accordance with WSA05-2020. Conduit Inspection Reporting Code of Australia to determine the overall condition of the network. This will be a primary focus of council with the aim to complete some of the network in the short-term, moving to between 5%-10% of the network annually over the longer term.	Project Officer	2025-2030
3	Revise this plan once the investigation phase assessment of the network has been performed. Update renewal plan with defects obtained, and areas where early intervention is required.	Coordinator Asset Management	2024-2029
4	Review of asset register to ensure all assets are accounted for and for the continued maintenance of the register. Update with capital additions, renewal and disposals).	Coordinator Asset Management	Ongoing
5	Undertake a Capacity and Capability Assessment of 25 CWMS sites. Refer Appendix B	Director Infrastructure & Field Services	2025-26 (6 sites) 2026-27 (6 sites) 2027-28 (3 site) 2028-29 (10 sites)
6	Monitoring Stormwater ingress into system.	Project Officer Environmental Health Officer	Ongoing
7	Continue to update GIS CWMS layer to ensure it is accurate and current.	Coordinator Asset Management	Ongoing
8	Determine the funding gap and associated risk and/or service level deficiencies to manage the funding gap.	Director Infrastructure & Field Services	Ongoing
9	Council to document regular maintenance schedules and practices to determine optimum expenditure.	Project Officer	Ongoing
10	The Asset Management Plan has a maximum life of 4 years and is due for complete revision and updating within 2 years of each council election.	Director Infrastructure & Field Services	2028-29

This Plan will be reviewed during annual budget planning processes and amended as required to address any material changes in service levels and/or resources available to provide those services as a result of budget decisions.

8.3 Performance Measures

The effectiveness of this Asset Management Plan can be measured in the following ways:

- The degree to which the required forecast costs identified in this Asset Management Plan are incorporated into the long-term financial plan.
- The degree to which the 1-5-year detailed works programs, budgets, business plans and corporate structures consider the global works program trends provided by the Asset Management Plan.
- Sustainability performance targets ensure that long term financial sustainability of Council covering the maintenance and development of the community assets as well as providing appropriate services. Councils adopted Asset Renewal Funding Ratio Target 85-115%

REFERENCES

- IPWEA 2015 3rd Edition International Infrastructure Management Manual
- IPWEA 2008 NAMS.PLUS Asset Management
- IPWEA 2015 2nd Edition Australian Infrastructure Financial Management Manual
- IPWEA 2020 International Infrastructure Financial Management Manual
- IPWEA 2012 Practice Note 6 - Long Term Financial Planning
- IPWEA 2014 Practice Note 8 - Levels of Service & Community Engagement
- ISO 55000:2014 Overview, Principles and Terminology
- ISO 31000:2018 Risk Management - Guidelines
- Water Industry Act 2012 SA
- WSA 05-2020 Conduit Inspection Reporting Code of Australia Version 4.1
- Essential Services Commission of South Australia (ESCOSA)
- Office of the Technical Regulator (OTR)
- SA Local Government Act 1999
- Gayler Professional Engineering Pty Ltd Revaluation of Asset Register, 14 June 2024
- Mid Murray Council Strategic Plan
- Mid Murray Council Annual Business Plan and Budget
- Mid Murray Council CWMS Master Asset Register
- Mid Murray Council Long Term Financial Plan 2024/25 - 2033/34 (V6C-2.1)
- Mid Murray Council Risk Management Framework, Policy Number PRO-RISKV3
- Mid Murray Council Asset Accounting Policy
- Mid Murray Council Asset Management Policy
- Mid Murray Council Public Consultation Policy (Version 6)

SUPERSEDED APPENDIX A: RENEWAL, NEW/UPGRADE 15 YR. ROLLING CAPITAL WORKS PROGRAMS

Year 1 - 2024/25	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes
Pellaring Flat: Prepare detailed documentation, project scope and designs and plans. Review construction costs. Procurement method via Tender FY2025/26 for implementation of project.		\$ 70,000	\$ -	\$ 70,000		na		Reference WGA Report, Pellaring Flat CWMS Capacity Assessment Project No.WGA200091 dated 21 Dec 2020. Issues found, concrete components exposed to hydrogen sulphide gas leading to severe deterioration of the structures. Unknown 'percolation boxes' that may be discharging effluent into the environment. Numerous electrical hazards and safety issue. History of leakages from the rising main.
Truro	TRUR006	\$ 9,000	\$ -	\$ 9,000		18		Stock Fence Upgrade. Repair scheduled, awaiting upgrade of WWTP
The Rocks	ROCK008	\$ 2,000	\$ -	\$ 2,000		1		Replace Chain Mesh Fence, 2023 flood damage. Approx. 30m
Swan Reach	SWAN011	\$ 7,000	\$ -	\$ 7,000		1		Replace Chain Mesh Fence, 2023 flood damage. Approx. 41m
Pelican Point	PEL014	\$ 4,000	\$ -	\$ 4,000		12		Irrigation site, replace stock fence. Partial replacement of rear fence only.
South Punyeroo	SPUN003	\$ 10,000	\$ -	\$ 10,000		29		Replace Shed/Enclosure 3m x 3m x 2.1m
South Punyeroo	SPUN031	\$ 10,000	\$ -	\$ 10,000		1		Chain Mesh Fence. Damaged due to flood, requires replacement.
Scotts Creek	SCOT014	\$ 11,000	\$ -	\$ 11,000		1		Treatment Plant Chain Mesh Fence. Needs to be replaced due to flood.
Rob Loxton	ROBL019	\$ 14,000	\$ -	\$ 14,000		12		Treatment Plant Chain Mesh Fence. Needs to be replaced due to flood.
Pellaring Flat	PELL012	\$ 10,000	\$ -	\$ 10,000		14		Replace stock fencing, irrigation site.
Marks Landing	MAR0331	\$ 10,000	\$ -	\$ 10,000		18		Treatment Plant, chain mesh fence WWTP. Flood damage to over half of the fence.
Greenways	GREE012	\$ 8,000	\$ -	\$ 8,000		15		Pump Station/Treatment Plant - SF01-farm type. Stock Fence. Some fencing in poor condition.
Pelican Point	PEL008	\$ 23,000	\$ -	\$ 23,000		17		Treatment Plant - PLC04-Control System @ WWTP. Unitronics panel has issues. Will need to be upgraded.
Pelican Point	PEL012	\$ 6,000	\$ -	\$ 6,000		7		Treatment Plant - P03-irrigation pump. Damaged fan cowl.
Pellaring Flat	PELL011	\$ 140,000	\$ -	\$ 140,000		4		Irrigation Site. Never met code upon installation.
Greenways	GREE013	\$ 6,000	\$ -	\$ 6,000		2		Pump Station/Treatment Plant CMF01 Chain mesh fence with PA Door. Rusted due to flood, overall requires replacement.
5 Mile	5MIL012	\$ 10,000	\$ -	\$ 10,000		7		Irrigation Site - SF01-Stock Fence. Stock Fence at Irrigation Site. Poor condition.
5 Mile	5MIL014	\$ 21,000	\$ -	\$ 21,000		12		Irrigation Site - IR01-Irrigation Site. Aged asset.
Big Bend	BIGB013	\$ 9,000	\$ -	\$ 9,000		13		Treatment Plant - CMF01-Fence. Chain Mesh Fence. Fence rusted.
Big Bend	BIGB014	\$ 9,000	\$ -	\$ 9,000		18		Irrigation Site - SF01-Fence, Disposal Site. Stock Fence. Corner repair required.
South Punyeroo		\$ -	\$ 128,427	\$ 128,427		na	✓	C/F 2023/24 - Continue DEW River Murray Constraints Program
Caumamont		\$ -	\$ 169,155	\$ 169,155		na	✓	Install Inspection Points (IPs) for Maintenance Cleaning Purposes. Use C/F 2023/24 funds.
Specialised CWMS Pipe Cleaning Equipment		\$ -	\$ 125,000	\$ 125,000		na	✓	Expenditure equally shared across all CWMS sites. Use C/F 2023/24 funds.
All CWMS Sites - Install Electrical AC & DC Switchgear		\$ -	\$ 135,000	\$ 135,000		na	✓	All CWMS Sites - Install Electrical AC & DC Switchgear. Use C/F 2023/24 funds.
		\$ 389,000	\$ 557,582	\$ 946,582	\$ 435,000		\$ 511,582	
				\$ 511,582				
				\$ 946,582				C/Fwd Budget 2023/24 \$383,155 + \$128,427 (was \$135,467) Council Report 18/06/2024
Year 2 - 2025/26	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes
Pellaring Flat - Implementation		\$ 465,000	\$ -	\$ 465,000		na		Reference WGA Report, Pellaring Flat CWMS Capacity Assessment Project No.WGA200091 dated 21 Dec 2020. Issues found, concrete components exposed to hydrogen sulphide gas leading to severe deterioration of the structures. Unknown 'percolation boxes' that may be discharging effluent into the environment. Numerous electrical hazards and safety issue. History of leakages from the rising main.
Caumamont Stages 1-3 Prepare detailed documentation, designs and plans. Review construction costs. Procurement method via Tender FY2026/27 for implementation of project.		\$ 70,000	\$ -	\$ 70,000		na		Reference WGA Report, Caumamont CWMS Capacity Assessment Project No.WGA200091 dated 30 October 2020
Scrubby Flat	SCRU004	\$ 12,000	\$ -	\$ 12,000		2		1 x PLC Unit Type 2. Control system at WWTP
Scrubby Flat	SCRU007	\$ 16,000	\$ -	\$ 16,000		32		RM01-Irrigation line, Rising Main 100mm. Irrigation line. Steel pipe is a concern relating to condition.
Brenda Park	BREN014	\$ 16,000	\$ -	\$ 16,000		0		IRRIGATION SITE - SF01-Stock Fence 563 metres
Brenda Park	BREN015	\$ 12,000	\$ -	\$ 12,000		0		TREATMENT PLANT - CMF01-Chain mesh 81metres
Scrubby Flat	SCRU010	\$ 12,000	\$ -	\$ 12,000		0		SUBSURFACE INFRASTRUCTURE - CP01-10 x connection points - 2 brass springs, 1 valve in each
		\$ -	\$ -	\$ -				
		\$ 603,000	\$ -	\$ 603,000	\$ 542,000		\$ -	
Year 3 - 2026/27	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes
Caumamont, Stage 1 - Implementation		\$ 45,000	\$ -	\$ 45,000		na		ACTIONS: 1. a). Replace all existing irrigation air valves with wastewater air valves along the collection networks. b). Install additional air valves near WWTP. c). Attach pressure gauges to air valves and monitor pressures experienced within the scheme during peak loading periods (optional).
Caumamont, Stage 2 - Implementation		\$ 400,000	\$ 20,000	\$ 420,000		na		ACTIONS: 2. a). Construct a new above ground balance tank at the head of the WWTP with a volume of 25kL (needed for compliance). b). Modify existing plant operation to allow for batching of flows from balance tank. c). Address WHS issues at the WWTP in relation to eyewash and shower facilities. d). Incorporate new WAS pump/tank at the WWTP (desirable improvement). e). Construct a new common rising main consisting of approx. 1700m of DN90 PE pipe.
Caumamont, Stage 3 - Implementation		\$ -	\$ 130,000	\$ 130,000				ACTIONS: 3. a). Construct a new common rising main consisting of approx. 700m of DN75 PE pipe to connect into the DN90 pipe from Stage 2.
7 Mile	7MIL013	\$ 13,000	\$ -	\$ 13,000		0		TREATMENT PLANT - P06-APC-50-09-03. Pump Type 6
7 Mile	7MIL014	\$ 13,000	\$ -	\$ 13,000		0		TREATMENT PLANT - P06-APG-50-09-03. Pump Type 6
Caloote	CALO016	\$ 7,000	\$ -	\$ 7,000		0		Pump Station - VF02, at Sump. Vent/Filter Type 2
Rob Loxton & Walker Flat	ROBL016	\$ 5,000	\$ -	\$ 5,000		0		TREATMENT PLANT - P03-Irrigation. Pump Type 3
		\$ -	\$ -	\$ -				
		\$ 483,000	\$ 150,000	\$ 633,000	\$ 150,000		\$ -	
Year 4 - 2027/28	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes

Reference WGA Report, Caurnamont CWMS Capacity Assessment Project No.WGA200091 dated 20 January 2021.

ACTIONS: 1. a) Replace all existing irrigation air valves with wastewater air valves along the collection network. b. Install 5 additional wastewater air valves along the existing rising main. c. Attach pressure gauges to air valves and monitor pressures experienced within the scheme during peak loading periods (optional). d. Upgrade the existing irrigation area.

PUMP STATION/TREATMENT PLANT - P03-Pumps, Pump Type 3
PUMP STATION/TREATMENT PLANT - P03-Pumps, Pump Type 3
TREATMENT PLANT - P06-Irrigation Tank, Pump Type 6
TREATMENT PLANT - P03-Irrigation Pumps, Pump Type 3
TREATMENT PLANT - P03-Irrigation Pumps, Pump Type 3
TREATMENT PLANT - AB05-Receival Tank, Aerator/Blower Type 5
TREATMENT PLANT - P03-Irrigation Tank, Pump Type 3
TREATMENT PLANT - P03-Irrigation Tank, Pump Type 3
Pump Station- P03-PS2, Pump Type 3
TREATMENT PLANT - P03-Irrigation pump, Pump Type 3
TREATMENT PLANT - P06-Irrigation Tank, Pump Type 6
TREATMENT PLANT - P04-Irrigation Tank, Pump Type 4
TREATMENT PLANT - P06-IAT Tank - RAS Pump, Pump Type 8
TREATMENT PLANT - P03-At Irrigation tank, Pump Type 3
TREATMENT PLANT - P03-Irrigation Pump, Pump Type 3
SUBSURFACE INFRASTRUCTURE - P03-Irrigation Pump, Pump Type 3
Pump Station- P03-PS1, Pump Type 3
Pump Station- P03-PS1, Pump Type 3
Pump Station- P03-PS2, Pump Type 3
TREATMENT PLANT - P03-Irrigation pump, Pump Type 3

ACTIONS: 2. a). Address WHS issues at the WWTP in relation to eyewash and shower facilities. b). Construct a new common rising main consisting of approx. 950m of DN110 PE pipe, c). Install Additional air/culvac valves on the new rising main, approx. every 500m and at local high spots. d). Monitor system performance and ensure that the rising main is adequately supported to air valves (optional).

ACTIONS: 3. a). Construct a new common rising main consisting of approx. 1,550m of DN60 PE pipe to connect into the DN110 PE pipe from Stage 2. b). Install additional air/culvac valves on the new rising main, approx. every 500m and at local high spots.

PUMP STATION/TREATMENT PLANT - VF02-Vent/Filter, Vent/Filter Type 2

TREATMENT PLANT - P03-Irrigation tank, Pump Type 3

TREATMENT PLANT - P03-Irrigation tank, Pump Type 3

TREATMENT PLANT - P03-Irrigation tank, Pump Type 3

PUMP STATION- AV01-4x Air Valves - Sewer on Pressure Main, Air Valve

PUMP STATION - PL-C02-Control system, PLC Unit Type 3

TREATMENT PLANT - AB03-AW WWTP, Aerator/Blower Type 3

TREATMENT PLANT - AB03-AW WWTP, Aerator/Blower Type 4

Notes

SUBSURFACE INFRASTRUCTURE - RM03-1040 Mats @ 40mm poly

SUBSURFACE INFRASTRUCTURE - CP01-22x Gravity Connections. Replace due to vehicle damage.

SUBSURFACE INFRASTRUCTURE - RM04-50 mts @ 63m poly. Issues with trenches.

TREATMENT PLANT - AB05-IAT Tank. Aerator/Blower Type 5

TREATMENT PLANT - P04-Irrigation tank. Pump Type 4

TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3

TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3

Pump Station- P05-PS2. Pump Type 5

Pump Station- P05-PS2. Pump Type 5

TREATMENT PLANT - AB05-Sinkair 4 kW. Aerator/Blower Type 5

TREATMENT PLANT - AB05-Sinkair 4 kW. Aerator/Blower Type 5

TREATMENT PLANT - AB05-Sinkair 4 kW. Aerator/Blower Type 5

SUBSURFACE INFRASTRUCTURE - IR01-Irrigation area 18,850cm². Irrigation system replacement.

TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3

TREATMENT PLANT - PLC03-Electrical Control System; Allen Bradley - Micrologics. PLC Unit Type 5

TREATMENT PLANT - PLC05-AT WWTP. PLC Unit Type 3

Old Teal Flat	OLDT005	\$	10,000	\$	-	\$	10,000		4	Treatment Plant - PLC02-at WWTP. PLC Unit Type 2. Needs to be replaced and updated.
Old Teal Flat	OLDT014	\$	24,000	\$	-	\$	24,000		9	Irrigation. Needs work to sprinklers.
North Punyelloo	NPUN004	\$	16,000	\$	-	\$	16,000		10	IRRIGATION SITE - IR01-2537 m2 of irrigation area. Wombat damage to area, exposed pipes.
Kroehns Landing	KROE005	\$	10,000	\$	-	\$	10,000		2	PLC02-Control System at WWTP. PLC Unit Type 2. Control System at WWTP basic/ timer/contactor.
Morgan Caravan Park	MORG010	\$	50,000	\$	-	\$	50,000		2	Pump Station, Tank Type 3. Cabin pump station. Tank is a homemade brick tank, will need to be replaced.
7 Mile	7MIL008	\$	10,000	\$	-	\$	10,000		2	TREATMENT PLANT - PLC02-at receival sump. PLC Unit Type 2
Big Bend	BIGB007	\$	14,500	\$	-	\$	14,500		2	TREATMENT PLANT - PLC03-Electrical. PLC Unit Type 3. Control System- contactors/ relays/ timers.
Caloote	CALO004	\$	315,000	\$	-	\$	315,000		2	TREATMENT PLANT - T11-Irrigation Tank. Tank Type 11.
Caloote	CALO007	\$	21,000	\$	-	\$	21,000		2	TREATMENT PLANT - PLC04-AI WWTP. PLC Unit Type 4. Allen Bradley/ Micrologic
		\$	-	\$	-	\$	-			
		\$	470,500	\$	-	\$	470,500	\$	121,000	\$ -
Year 8 - 2031/32										
	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes		
Marks Landing	MARK003	\$	50,000	\$	-	\$	50,000	16	Pump Station- T03-septic hotel. Tank Type 3. 8000 litres	
Marks Landing	MARK004	\$	18,000	\$	-	\$	18,000	8	Pump Station- T02-hotel sump. Tank Type 2. Has concrete cancer present. 8000 litres	
Marks Landing	MARK008	\$	24,000	\$	-	\$	24,000	8	TREATMENT PLANT - PLC05-Allen Bradley @ WWTP. Old technology.	
Marks Landing	MARK009	\$	10,000	\$	-	\$	10,000	8	Pump Station - PLC02-TWE Controls @ PS1. TWE Controls @ PS1. Older style controls.	
Marks Landing	MARK010	\$	10,000	\$	-	\$	10,000	8	Pump Station - PLC02-TWE Controls @ PS2. At PS2. Older style controls	
Caloote	CALC008	\$	10,000	\$	-	\$	10,000	1	Pump Station- PLC02-AI Sump. PLC Unit Type 2	
Kroehns Landing	KROE005	\$	10,000	\$	-	\$	10,000	1	TREATMENT PLANT - PLC02-Control System at WWTP. PLC Unit Type 2	
Marks Landing	MARK026	\$	5,000	\$	-	\$	5,000	1	PUMP STATION/TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3	
Marks Landing	MARK027	\$	5,000	\$	-	\$	5,000	1	PUMP STATION/TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3	
Rob Loxton & Walker Flat	ROBL014	\$	5,500	\$	-	\$	5,500	1	ROB LOXTON - TREATMENT PLANT - AB03-Kawake RB8C-SB0. Aerator/Blower Type 3	
Rob Loxton & Walker Flat	ROBL021	\$	140,000	\$	-	\$	140,000	1	ROB LOXTON - IRRIGATION SITE - IR01-Irrigation site 23060m2. Irrigation	
The Rocks	ROCK002	\$	50,000	\$	-	\$	50,000	1	TREATMENT PLANT - T06-Aerobic. Tank Type 6, Aerobic.	
Scrubby Flat	SCRU001	\$	45,000	\$	-	\$	45,000	1	TREATMENT PLANT - T05-Receival Tank. Tank Type 5	
		\$	382,500	\$	-	\$	382,500	\$	230,000	\$ -
Year 9 - 2032/33										
	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes		
Bowhill	BOWH009	\$	7,000	\$	-	\$	7,000	6	Treatment Plant - SH01 at WWTP. Shed/Enclosure. Due to chlorine gas, requires replacement.	
Bowhill	BOWH025	\$	7,000	\$	-	\$	7,000	16	Pump Station/Treatment Plant - VF02-Pumpstation. Vent/Filter Type 2, steel & chlorine filter.	
Beaumonts	BEAU008	\$	7,000	\$	-	\$	7,000	2	Treatment Plant - SH01-Receival Tank. Shed/Enclosure. Chlorine gas damage.	
7 Mile	7MIL017	\$	13,000	\$	-	\$	13,000	1	IRRIGATION SITE - IR01-sprinklers. Irrigation	
Big Bend	BIGB012	\$	25,000	\$	-	\$	25,000	1	IRRIGATION SITE - IR01-Irrigation Site. Irrigation	
Bowhill	BOWH020	\$	15,000	\$	-	\$	15,000	1	TREATMENT PLANT - P07-Sump. Pump Type 7	
Bowhill	BOWH021	\$	5,000	\$	-	\$	5,000	1	TREATMENT PLANT - M04-Receival Tank. Meter Type 4	
Bowhill	BOWH022	\$	66,000	\$	-	\$	66,000	1	TREATMENT PLANT - T04-Aeration Tank. Tank Type 4	
Bowhill	BOWH023	\$	66,000	\$	-	\$	66,000	1	TREATMENT PLANT - T04-Aeration Tank. Tank Type 4	
Caloote	CALC021	\$	55,000	\$	-	\$	55,000	1	SUBSURFACE INFRASTRUCTURE - IR01-Irrigation Site 9000m2.	
Greenways	GREE005	\$	21,000	\$	-	\$	21,000	1	TREATMENT PLANT - PLC04-Control System at WWTP	
Greenways	GREE014	\$	10,000	\$	-	\$	10,000	1	IRRIGATION SITE - IR01-Irrigation site 1600 m2	
Kroehns Landing	KROE014	\$	7,000	\$	-	\$	7,000	1	IRRIGATION SITE - IR01-1156 m2 Irrigation Site	
Marks Landing	MARK033	\$	48,000	\$	-	\$	48,000	1	IRRIGATION SITE - IR01-8000m2 Irrigation site	
Pellaring Flat	PELL008	\$	55,000	\$	-	\$	55,000	1	TREATMENT PLANT - T08-PS1 Tank Type 8	
Pellaring Flat	PELL009	\$	18,000	\$	-	\$	18,000	1	TREATMENT PLANT - T02-Ps2 Tank Type 2	
The Rocks	ROCK010	\$	35,000	\$	-	\$	35,000	1	IRRIGATION SITE - IR01-5570m2 sprinklers/ drippers	
Scrubby Flat	SCRU011	\$	11,000	\$	-	\$	11,000	1	IRRIGATION SITE - IR01-Irrigation site 1800 m2	
Swan Reach	SWAN001	\$	45,000	\$	-	\$	45,000	1	TREATMENT PLANT - T05-Receival Tank	
		\$	-	\$	-	\$	-			
		\$	516,000	\$	-	\$	516,000	\$	105,000	\$ -
Year 10 - 2033/34										
	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes		
5 Mile	5MIL001	\$	11,000	\$	-	\$	11,000	1	Pump Station- T01-1695 Litre Pump Sump	
5 Mile	5MIL002	\$	164,000	\$	-	\$	164,000	1	TREATMENT PLANT - T10-57,000 Litre IAT Tank	
5 Mile	5MIL003	\$	50,000	\$	-	\$	50,000	1	TREATMENT PLANT - T03-22,000 Litre Balance Tank	
7 Mile	7MIL001	\$	46,000	\$	-	\$	46,000	1	TREATMENT PLANT - T07-Receival sump	
7 Mile	7MIL002	\$	66,000	\$	-	\$	66,000	1	TREATMENT PLANT - T04-13500 Ltr	
7 Mile	7MIL003	\$	66,000	\$	-	\$	66,000	1	TREATMENT PLANT - T04-13500 Ltr	
7 Mile	7MIL004	\$	46,000	\$	-	\$	46,000	1	TREATMENT PLANT - T07-C12-6-56	
7 Mile	7MIL005	\$	50,000	\$	-	\$	50,000	1	TREATMENT PLANT - T03-6000 Ltr	
Beaumonts	BEAU019	\$	10,000	\$	-	\$	10,000	1	TREATMENT PLANT - P05-Receival Sump	
Big Bend	BIGB002	\$	18,000	\$	-	\$	18,000	1	TREATMENT PLANT - T02-Tank	
		\$	-	\$	-	\$	-			
		\$	527,000	\$	-	\$	527,000	\$	173,000	\$ -
Year 11 - 2034/35										
	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes		
Big Bend	BIGB003	\$	54,000	\$	-	\$	54,000	0	TREATMENT PLANT - T08-Aerobic Tanks	
Big Bend	BIGB004	\$	54,000	\$	-	\$	54,000	0	TREATMENT PLANT - T08-Aerobic Tanks	
Big Bend	BIGB005	\$	11,000	\$	-	\$	11,000	0	TREATMENT PLANT - T01-Tank. Tank Type 1	
Blanchetown	BLAN019	\$	14,000	\$	-	\$	14,000	0	TREATMENT PLANT - AB04-Receival Tank	

Bowhill	BOWH018	\$	5,000	\$	-	\$	5,000	0	TREATMENT PLANT - P03-Receive Tank
Caloote	CALO001	\$	50,000	\$	-	\$	50,000	0	PUMP STATION/TREATMENT PLANT - T06-1800mm diameter x 3m depth
Caloote	CALO003	\$	315,000	\$	-	\$	315,000	0	TREATMENT PLANT - T11-IAT Tank
Julanker	JULA019	\$	5,000	\$	-	\$	5,000	0	PUMP STATION/TREATMENT PLANT - P03-Irrigation Pump
Julanker	JULA020	\$	5,000	\$	-	\$	5,000	0	PUMP STATION/TREATMENT PLANT - P03-Irrigation Pump
		\$	-	\$	-	\$	-		
		\$	513,000	\$	-	\$	513,000	\$	-

Year 12 - 2035/36	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Forward	Notes
Julanker	JULA021	\$ 5,000	\$ -	\$ 5,000		0		PUMP STATION/TREATMENT PLANT - P03-Pump at PS1
Julanker	JULA022	\$ 5,000	\$ -	\$ 5,000		0		PUMP STATION/TREATMENT PLANT - P03-Pump at PS1
Julanker	JULA023	\$ 5,000	\$ -	\$ 5,000		0		PUMP STATION/TREATMENT PLANT - P03-Pump at PS 2
Julanker	JULA024	\$ 5,000	\$ -	\$ 5,000		0		PUMP STATION/TREATMENT PLANT - P03-Pump at PS 2
Kroehns Landing	KROE001	\$ 50,000	\$ -	\$ 50,000		0		TREATMENT PLANT - T03-Receive Tank
Kroehns Landing	KROE002	\$ 45,000	\$ -	\$ 45,000		0		TREATMENT PLANT - T05-Aeration Tank
Kroehns Landing	KROE003	\$ 11,000	\$ -	\$ 11,000		0		TREATMENT PLANT - T01-Irrigation Tank
Rob Loxton & Walker Flat	ROBL001	\$ 66,000	\$ -	\$ 66,000		0		ROB LOXTON - TREATMENT PLANT - T04-Receive Tank
Rob Loxton & Walker Flat	ROBL002	\$ 46,000	\$ -	\$ 46,000		0		ROB LOXTON - TREATMENT PLANT - T07-C12-6-79 Aerobic
Rob Loxton & Walker Flat	ROBL003	\$ 46,000	\$ -	\$ 46,000		0		ROB LOXTON - TREATMENT PLANT - T07-C12-6-79 Aerobic
Rob Loxton & Walker Flat	ROBL004	\$ 18,000	\$ -	\$ 18,000		0		ROB LOXTON - TREATMENT PLANT - T02-irrigation tank shared 8000lt
Rob Loxton & Walker Flat	ROBL005	\$ 18,000	\$ -	\$ 18,000		0		ROB LOXTON - TREATMENT PLANT - T02-irrigation tank shared - 8000
Rob Loxton & Walker Flat	ROBL017	\$ 5,000	\$ -	\$ 5,000		0		ROB LOXTON - TREATMENT PLANT - P03-Irrigation
The Rocks	ROCK001	\$ 66,000	\$ -	\$ 66,000		0		ROCK - TREATMENT PLANT - T04-septic
Scrubby Flat	SCRU002	\$ 50,000	\$ -	\$ 50,000		0		SCRU - TREATMENT PLANT - T06-B9-4-40 Aerobic
Scrubby Flat	SCRU003	\$ 50,000	\$ -	\$ 50,000		0		SCRU - TREATMENT PLANT - T03-irrigation tank
South Punyetroo	SPUN018	\$ 5,000	\$ -	\$ 5,000		0		SPUN - TREATMENT PLANT - P03-6 pumps in each PS
South Punyetroo	SPUN019	\$ 5,000	\$ -	\$ 5,000		0		SPUN - TREATMENT PLANT - P03-6 pumps in each PS
		\$ -	\$ -	\$ -				
		\$ 501,000	\$ -	\$ 501,000	\$ -	\$ -		

Year 13 - 2036/37	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes
South Punyetroo	SPUN020	\$ 5,000	-	\$ 5,000	0	0	0	SPUN - TREATMENT PLANT - P03-6 pumps in each PS. Pump Type 3
South Punyetroo	SPUN021	\$ 5,000	-	\$ 5,000	0	0	0	SPUN - TREATMENT PLANT - P03-6 pumps in each PS. Pump Type 3
South Punyetroo	SPUN023	\$ 5,000	-	\$ 5,000	0	0	0	SPUN - TREATMENT PLANT - P03-6 pumps in each PS. Pump Type 3
Beaumonts	BEAU014	\$ 8,000	-	\$ 8,000	0	0	0	BEAUMONTS - TREATMENT PLANT - VF03-Irrigation tank
Blanchetown	BLAN023	\$ 10,000	-	\$ 10,000	0	0	0	BLANCHETOWN - TREATMENT PLANT - P05-Sump
Morgan Caravan Park	MORG001	\$ 45,000	-	\$ 45,000	0	0	0	MORGAN CARAVAN PARK - TREATMENT PLANT - T05-Receive Tank
Morgan Caravan Park	MORG002	\$ 45,000	-	\$ 45,000	0	0	0	MORGAN CARAVAN PARK - TREATMENT PLANT - T05-Receive Tank
Caurnamont	CAUR004	\$ 21,000	-	\$ 21,000	0	0	0	CAURNAMONT - TREATMENT PLANT - PLC05-AI WWTP
Rob Loxton & Walker Flat	ROBL015	\$ 5,500	-	\$ 5,500	0	0	0	ROB LOXTON - TREATMENT PLANT - AB03-Kawake RB8C-SB0
Swain Reach	SWAN013	\$ 25,000	-	\$ 25,000	0	0	0	SWAN - IRRIGATION SITE - IR01-4090m2 irrigation area
5 Mile	5MIL004	\$ 5,500	-	\$ 5,500	1	1	1	5 MILE - TREATMENT PLANT - SH01-4 m2 Shed/Enclosure
5 Mile	5MIL013	\$ 30,000	-	\$ 30,000	1	1	1	5 MILE - TREATMENT PLANT - SF01-Chain Mesh Fence
7 Mile	7MIL009	\$ 7,000	-	\$ 7,000	1	1	1	7 MILE - TREATMENT PLANT - ES01-3 phase connection
7 Mile	7MIL016	\$ 6,500	-	\$ 6,500	1	1	1	7 MILE - TREATMENT PLANT - CMF01-chain mesh & gate 47 mts
Blanchetown	BLAN003	\$ 21,000	-	\$ 21,000	1	1	1	BLANCHETOWN - Pump Station- PLC04-control system for Sump
Blanchetown	BLAN013	\$ 5,000	-	\$ 5,000	1	1	1	BLANCHETOWN - TREATMENT PLANT - A02-Alarm WWTP
Blanchetown	BLAN022	\$ 10,000	-	\$ 10,000	1	1	1	BLANCHETOWN - TREATMENT PLANT - P05-Sump
Bolto	BOLT017	\$ 11,500	-	\$ 11,500	1	1	1	BOLTO - TREATMENT PLANT - CMF01-Chain mesh
Brenda Park	BREN002	\$ 315,000	-	\$ 315,000	1	1	1	BRENDA PARK - TREATMENT PLANT - T11-Irrigation Tank
Brenda Park	BREN005	\$ 24,000	-	\$ 24,000	1	1	1	BRENDA PARK - TREATMENT PLANT - PLC05-Control System- Allen Bradley
		\$ -	\$ -	\$ -				
		\$ 610,000	\$ -	\$ 610,000	\$ -		\$ -	

Year 14 - 2037/38	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes
Caloote	CALO006	\$ 45,000	-	\$ 45,000	0			CALOOTE - TREATMENT PLANT - ES01-Electrical Supply. From toilet to WWTP
Caloote	CALO018	\$ 10,000	-	\$ 10,000	0			CALOOTE - TREATMENT PLANT - CMF01-Chain Mesh & PA
Kroehns Landing	KROE006	\$ 5,500	-	\$ 5,500	0			KROEHNS LANDING - PUMP STATION/TREATMENT PLANT - ES01-Electrical Supply
Kroehns Landing	KROE012	\$ 5,000	-	\$ 5,000	0			KROEHNS LANDING - TREATMENT PLANT - CMF01-AI WWTP
Marks Landing	MARK020	\$ 7,000	-	\$ 7,000	0			MARKS LANDING - Pump Station- VF02-PS1
Marks Landing	MARK021	\$ 7,000	-	\$ 7,000	0			MARKS LANDING - Pump Station- VF02-PS2
The Rocks	ROCK004	\$ 5,000	-	\$ 5,000	0			ROCK - TREATMENT PLANT - ES01-single phase to WWTP
Scotts Creek	SCOT004	\$ 24,000	-	\$ 24,000	0			SCOT - TREATMENT PLANT - PLC05-WWTP Control system
Scrubby Flat	SCRU009	\$ 4,500	-	\$ 4,500	0			SCRU - TREATMENT PLANT - CMF01-chain mesh & gate
Teal Flat	TEAL002	\$ 46,000	-	\$ 46,000	0			TEAL - TREATMENT PLANT - T07-C12-6-79 Aerobic
Teal Flat	TEAL003	\$ 46,000	-	\$ 46,000	0			TEAL - TREATMENT PLANT - T07-C12-6-79 Aerobic
Teal Flat	TEAL004	\$ 46,000	-	\$ 46,000	0			TEAL - TREATMENT PLANT - T07-C12-6-79 Aerobic
Blanchetown	BLAN018	\$ 14,000	-	\$ 14,000	1			BLANCHETOWN - TREATMENT PLANT - AB04-Receive Tank
Bowhill	BOWH004	\$ 53,000	-	\$ 53,000	1			BOWHILL - Pump Station- T08-200 litres
Brenda Park	BREN003	\$ 4,000	-	\$ 4,000	1			BRENDA PARK - TREATMENT PLANT - SH01-Shed/Enclosure
Caurnamont	CAUR009	\$ 5,000	-	\$ 5,000	1			CAURNAMONT - TREATMENT PLANT - P03-AI Irrigation tank
Julanker	JULA027	\$ 20,000	-	\$ 20,000	1			JULANKER - IRRIGATION SITE - SF01-738 metres stock fence

South Punyelroo	SPUN004	\$	24,000	\$	-	\$	24,000	1	SPUN - TREATMENT PLANT - PLC05-Control system at WWTP
South Punyelroo	SPUN005	\$	10,000	\$	-	\$	10,000	1	SPUN - Pump Station- PLC02-Control System at Sump
South Punyelroo	SPUN006	\$	10,000	\$	-	\$	10,000	1	SPUN - Pump Station- PLC02-Control System at Sump
South Punyelroo	SPUN007	\$	10,000	\$	-	\$	10,000	1	SPUN - Pump Station- PLC02-Control System at Sump
South Punyelroo	SPUN028	\$	7,000	\$	-	\$	7,000	1	SPUN - Pump Station- VF02-at sump
South Punyelroo	SPUN029	\$	7,000	\$	-	\$	7,000	1	SPUN - Pump Station- VF02-at sump
South Punyelroo	SPUN030	\$	7,000	\$	-	\$	7,000	1	SPUN - Pump Station- VF02-at sump
		\$	-	\$	-	\$	-		
		\$	422,000	\$	-	\$	422,000	\$	-
Year 15 - 2038/39	Asset ID	Renewal	New/Upgrade	Budget	LTFP	RUL (Yrs.)	C/Fwd	Notes	
Caloote	CALO015	\$	5,000	\$	5,000	1		CALOOTE - Pump Station- P03-At Sump	
Old Teal Flat	OLDT006	\$	6,000	\$	6,000	1		OLD TEAL FLAT - TREATMENT PLANT - ES01-electrical connection	
Old Teal Flat	OLDT015	\$	6,000	\$	6,000	1		OLD TEAL FLAT - TREATMENT PLANT - CMF01-Chain Mesh fence	
Pelican Point	PELI015	\$	9,000	\$	9,000	1		PELICAN POINT - TREATMENT PLANT - CMF01-At WWTP Chain Mesh Fence	
South Punyelroo	SPUN015	\$	5,000	\$	5,000	1		SPUN - TREATMENT PLANT - M04-water meter	
Truro	TRUR023	\$	6,500	\$	6,500	1		TRUR - TREATMENT PLANT - P04-SEWER PUMP 1	
Truro	TRUR024	\$	6,500	\$	6,500	1		TRUR - TREATMENT PLANT - P04-SEWER PUMP 2	
Truro	TRUR025	\$	6,500	\$	6,500	1		TRUR - TREATMENT PLANT - P04-SEWER PUMP 3	
Truro	TRUR026	\$	6,500	\$	6,500	1		TRUR - TREATMENT PLANT - P04-SEWER PUMP 4	
Truro	TRUR027	\$	6,500	\$	6,500	1		TRUR - TREATMENT PLANT - P04-SEWER PUMP 5	
Truro	TRUR028	\$	13,000	\$	13,000	1		TRUR - TREATMENT PLANT - P04-PUMP TYPE 6	
Truro	TRUR029	\$	15,000	\$	15,000	1		TRUR - TREATMENT PLANT - P04-SEWER PUMP 7	
Swan Reach	SWAN006	\$	6,000	\$	6,000	0		SWAN - TREATMENT PLANT - ES01-Electrical Supply	
Beaumonts	BEAU002	\$	21,000	\$	21,000	1		BEAUMONTS - TREATMENT PLANT - PLC04-PLC at WWTP	
Brenda Park	BREN013	\$	26,000	\$	26,000	1		BRENDA PARK - TREATMENT PLANT - AB05-Sinkair	
Caloote	CALO014	\$	5,000	\$	5,000	1		CALOOTE - Pump Station- P03-At Sump	
5 Mile	SMIL010	\$	26,000	\$	26,000	2		5 MILE - TREATMENT PLANT - AB05-Sinkair Model 200 QF. Aerator/Blower Type 5	
Cowirra	COWI002	\$	35,000	\$	35,000	2		Cowirra - Pump Station Air Valve	
Morgan Caravan Park	MORG013	\$	80,000	\$	80,000	2		MORGAN CARAVAN PARK - SUBSURFACE INFRASTRUCTURE - IR01-sprinklers	
Morgan Caravan Park	MORG021	\$	45,000	\$	45,000	2		MORGAN CARAVAN PARK - IRRIGATION SITE - CMF01-Chain Mesh	
Morgan Caravan Park	MORG026	\$	64,000	\$	64,000	2		MORGAN CARAVAN PARK - IRRIGATION SITE - IR01-Irrigation Site 10608m2	
Old Teal Flat	OLDT010	\$	5,000	\$	5,000	2		OLD TEAL FLAT - TREATMENT PLANT - P03-vortex sump	
Morgan Caravan Park	MORG019	\$	14,000	\$	14,000	2		MORGAN CARAVAN PARK - TREATMENT PLANT - CMF01-chain mesh at WWTP	
Morgan Caravan Park	MORG008	\$	40,000	\$	40,000	2		MORGAN CARAVAN PARK - TREATMENT PLANT - ES01-Electrical Supply/connection	
Idyll Acres	IDYL006	\$	14,000	\$	14,000	2		IDYLL ACRES - Pump Station- PLC03-At PS 1. PLC Unit Type 3	
Idyll Acres	IDYL004	\$	24,000	\$	24,000	2		IDYLL ACRES - TREATMENT PLANT - PLC05-at WWTP	
		\$	-	\$	-				
		\$	496,500	\$	-	\$	496,500	\$	-
Shown Dollars are in 'Todays Dollars' (May 2024) Excludes GST and Grant Funding									
Renewal Planned Expenditure 4Yrs		\$	1,860,500						
New/Upgrade Planned Expenditure 4Yrs		\$	707,582						
Total Planned Expenditure 4Yrs		\$	2,568,082						
Annual Average Planned Expenditure 4Yrs		\$	642,021						
(LTFP) 2024 Long Term Financial Plan 4Yrs		\$	1,450,000						
Asset Register Final Amounts 2023									
	CRC (2023)	Annual Depreciation	Expense	Closing Written					
	\$	31,774,021	\$	643,870	\$	19,331,200			
Annual depreciation of total asset value 2.02%									
Renewal Planned Expenditure 10Yrs		\$	4,782,500						
New/Upgrade Planned Expenditure 10Yrs		\$	707,582						
Total Planned Expenditure 10Yrs		\$	5,490,082						
Annual Average Planned Expenditure 10Yrs		\$	549,008						
(LTFP) 2024 Long Term Financial Plan 10Yrs		\$	2,895,000						
Renewal Planned Expenditure 15Yrs		\$	7,325,000						
New/Upgrade Planned Expenditure 15Yrs		\$	707,582						
Total Planned Expenditure 15Yrs		\$	8,032,582						
Annual Average Planned Expenditure 15Yrs		\$	535,505						

Asset Register Final Amounts 2023		
CRC (2023)	Annual Depreciation Expense	Closing Written Down Value
\$ 31,774,021	\$ 643,870	\$ 19,331,200
Annual depreciation of total asset value 2.02%		

UPDATED APPENDIX A: RENEWAL, NEW/UPGRADE ROLLING CAPITAL WORKS PROGRAMS 2027-2052

COMMUNITY WASTEWATER MANAGEMENT SYSTEM

CWMS Updated Appendix A: Rolling Capital Works Program 2027-2052

System	Asset ID	Renewal	New/Upgrade	Budget	Notes
Year 1 - 2026/27					
Blanchetown		\$ 15,000	\$ -	\$ 15,000	Flow meter installation
Bolto		\$ 15,000	\$ -	\$ 15,000	Flow meter installation
Brenda Park		\$ 15,000	\$ -	\$ 15,000	Flow meter installation
Brenda Park	BREN014	\$ 16,000	\$ -	\$ 16,000	IRRIGATION SITE - SF01-Stock Fence 553 metres
Caloote	CALO016	\$ 7,000	\$ -	\$ 7,000	Pump Station - VF02, at Sump. Vent/Filter Type 2
Caurnamont		\$ 15,000	\$ -	\$ 15,000	Flow meter installation
Caurnamont, Stage 1 - Implementation		\$ 45,000	\$ -	\$ 45,000	ACTIONS: 1. a). Replace all existing irrigation air valves with wastewater air valves along the collection networks. b). Install additional air valves near WWTP. c). Attach pressure gauges to air valves and monitor pressures experienced within the scheme during peak loading periods (optional).
NW Bend/Beaumont		\$ 15,000	\$ -	\$ 15,000	Flow meter installation
Other Capital All CWMS Sites - Install Electrical AC & DC Switchgear			\$ 68,000	\$ 68,000	All CWMS Sites - Install Electrical AC & DC Switchgear
Other Capital All CWMS Sites - Scada automation			\$ 282,000	\$ 282,000	All CWMS Sites - Install Scada system
Pelican Point	PELI008	\$ 23,000	\$ -	\$ 23,000	Treatment Plant - PLC04-Control System @ WWTP. Unitronics panel has issues. Will need to be upgraded.
Pelican Point		\$ 15,000	\$ -	\$ 15,000	Flow meter installation

Pellaring Flat		\$	90,000	\$	-	\$	90,000	Reference WGA Report, Pellaring Flat CWMS Capacity Assessment Project No.WGA200091 dated 21 Dec 2020. Issues found, concrete components exposed to hydrogen sulphide gas leading to severe deterioration of the structures. Unknown 'percolation boxes' that may be discharging effluent into the environment. Numerous electrical hazards and safety issue. History of leakages from the rising main.
Pellaring Flat	PELL011	\$	140,000	\$	-	\$	140,000	Irrigation Site. Never met code upon installation.
Pellaring Flat		\$	15,000	\$	-	\$	15,000	Flow meter installation
Rob Loxton & Walker Flat		\$	15,000	\$	-	\$	15,000	Flow meter installation
Rob Loxton & Walker Flat	ROBL016	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation. Pump Type 3
Scotts Creek		\$	15,000	\$	-	\$	15,000	Flow meter installation
Scrubby Flat	SCRU004	\$	12,000	\$	-	\$	12,000	1 x PLC Unit Type 2. Control system at WWTP
Swan Reach		\$	15,000	\$	-	\$	15,000	Flow meter installation
		\$	488,000	\$	350,000	\$	838,000	

Year 2 - 2027/28

Big Bend	BIGB010	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Pumps. Pump Type 3
Big Bend	BIGB011	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Pumps. Pump Type 3
Blanchetown	BLAN020	\$	13,000	\$	-	\$	13,000	TREATMENT PLANT - P06-Irrigation Tank. Pump Type 6
Blanchetown	BLAN021	\$	13,000	\$	-	\$	13,000	TREATMENT PLANT - P06-Irrigation Tank. Pump Type 6
Bowhill	BOWH016	\$	6,500	\$	-	\$	6,500	TREATMENT PLANT - P04-Irrigation Tank. Pump Type 4
Bowhill	BOWH024	\$	22,000	\$	-	\$	22,000	TREATMENT PLANT - P08-IAT Tank - RAS Pump. Pump Type 8
Brenda Park	BREN010	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Pumps. Pump Type 3
Brenda Park	BREN011	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Pumps. Pump Type 3

Brenda Park, Stage 1 - Implementation		\$	155,000	\$	-	\$	155,000	ACTIONS: 1. a). Replace all existing irrigation air valves with wastewater air valves along the collection network. b). Install 5 additional wastewater air valves along the existing rising main. c). Attach pressure gauges to air valves and monitor pressures experienced within the scheme during peak loading periods (optional). d). Upgrade the existing irrigation area.
Brenda Park, Stages 1-3: Prepare detailed documentation, project scope and designs and plans. Review construction costs. Procurement method via Tender FY2028/29 for implementation of project.		\$	75,000	\$	-	\$	75,000	Reference WGA Report, Caurnamont CWMS Capacity Assessment Project No.WGA200091 dated 20 January 2021.
Caurnamont	CAUR008	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-At Irrigation tank. Pump Type 3
Caurnamont, Stage 2 - Implementation		\$	210,000	\$	-	\$	210,000	ACTIONS: 2. a). Construct a new above ground balance tank at the head of the WWTP with a volume of 25kL (needed for compliance). b). Modify existing plant operation to allow for batching of flows from balance tank. c). Address WHS issues at the WWTP in relation to eyewash and shower facilities. d). Incorporate new WAS pump/tank at the WWTP (desirable improvement). e). Construct a new common rising main consisting of approx. 1700m of DN90 PE pipe.
Greenways	GREE010	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Pump. Pump Type 3
Greenways	GREE011	\$	5,000	\$	-	\$	5,000	SUBSURFACE INFRASTRUCTURE - P03-Irrigation Pump. Pump Type 3
Kroehns Landing	KROE009	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3
Kroehns Landing	KROE010	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3

Marks Landing	MARK025	\$	5,000	\$	-	\$	5,000	Pump Station- P03-PS2. Pump Type 3
Marks Landing	MARK022	\$	5,000	\$	-	\$	5,000	Pump Station- P03-PS1. Pump Type 3
Marks Landing	MARK023	\$	5,000	\$	-	\$	5,000	Pump Station- P03-PS1. Pump Type 3
Marks Landing	MARK024	\$	5,000	\$	-	\$	5,000	Pump Station- P03-PS2. Pump Type 3
Pellaring Flat - Implementation		\$	233,000	\$	-	\$	233,000	Reference WGA Report, Pellaring Flat CWMS Capacity Assessment Project No.WGA200091 dated 21 Dec 2020. Issues found, concrete components exposed to hydrogen sulphide gas leading to severe deterioration of the structures. Unknown 'percolation boxes' that may be discharging effluent into the environment. Numerous electrical hazards and safety issue. History of leakages from the rising main. Made safe electrical under flood. Need new sump and rising main but on our road 27/28 and 28/29
Scotts Creek	SCOT010	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-irrigation pump. Pump Type 3
Scotts Creek	SCOT009	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-irrigation pump. Pump Type 3
Other Capital All CWMS Sites - Scada automation				\$	385,000	\$	385,000	All CWMS Sites - Install Scada system
Caurnamont, Stage 3 - Implementation		\$	340,000	\$	-	\$	340,000	ACTIONS: 3. a). Construct a new common rising main consisting of approx. 700m of DN75 PE pipe to connect into the DN90 pipe from Stage 2.
		\$	1,142,500	\$	385,000	\$	1,527,500	
Year 3 - 2028/29								
5 Mile	5MIL011	\$	7,000	\$	-	\$	7,000	PUMP STATION/TREATMENT PLANT - VF02-Vent/Filter. Vent/Filter Type 2
Beaumont	BEAU016	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation tank. Pump Type 3

Brenda Park, Stage 2 - Implementation		\$	270,000	\$	-	\$	270,000	ACTIONS: 2. a). Address WHS issues at the WWTP in relation to eyewash and shower facilities. b). Construct a new common rising main consisting of approx.. 950m of DN110 PE pipe. c). Install Adonal air/scour valves on the new rising main, approx. every 500m and at local high spots. d). Monitor system performance and assess pressure using pressure gauges attached to air valves (optional).
Brenda Park, Stage 3 - Implementation		\$	300,000	\$	-	\$	300,000	ACTIONS: 3. a). Construct a new common rising main consisting of approx. 1,550m of DN90 PE pipe to connect into the DN110 pipe from Stage 2. b). Install additional air/scour valves on the new rising main, approx. every 500m and at local high spots.
Caloote	CALO012	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3
Caloote	CALO013	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation tank. Pump Type 3
Caurnamont Stages 1-3 Prepare detailed documentation, designs and plans. Review construction costs. Procurement method via Tender FY2026/27 for implementation of project.		\$	70,000	\$	-	\$	70,000	Reference WGA Report, Caurnamont CWMS Capacity Assessment Project No.WGA200091 dated 30 October 2020
Julanker	JULA018	\$	7,000	\$	-	\$	7,000	Pump Station- AV01-4x Air Valves - Sewer on Pressure Main. Air Valve
Pellaring Flat	PELL002	\$	14,500	\$	-	\$	14,500	PUMP STATION - PLC02-Control system. PLC Unit Type 3

Pellaring Flat - Implementation		\$	232,000	\$	-	\$	232,000	Reference WGA Report, Pellaring Flat CWMS Capacity Assessment Project No.WGA200091 dated 21 Dec 2020. Issues found, concrete components exposed to hydrogen sulphide gas leading to severe deterioration of the structures. Unknown 'percolation boxes' that may be discharging effluent into the environment. Numerous electrical hazards and safety issue. History of leakages from the rising main. Made safe electrical under flood. Need new sump and rising main but on our road 27/28 and 28/29
Other Capital All CWMS Sites - Scada automation				\$	188,000	\$	188,000	All CWMS Sites - Install Scada system
Scotts Creek	SCOT011	\$	5,500	\$	-	\$	5,500	TREATMENT PLANT - AB03-at WWTP. Aerator/Blower Type 3
Scotts Creek	SCOT012	\$	5,500	\$	-	\$	5,500	TREATMENT PLANT - AB03-at WWTP. Aerator/Blower Type 4
		\$	926,500	\$	188,000	\$	1,114,500	

Year 4 - 2029/30

5 Mile	5MIL005	\$	25,000	\$	-	\$	25,000	TREATMENT PLANT - PLC05-Electrical Control System; Allen Bradley - Micrologics. PLC Unit Type 5
7 Mile	7MIL007	\$	14,000	\$	-	\$	14,000	TREATMENT PLANT - PLC03-at WWTP. PLC Unit Type 3
Beaumont	BEAU013	\$	26,000	\$	-	\$	26,000	TREATMENT PLANT - AB05-IAT Tank. Aerator/Blower Type 5
Bowhill	BOWH017	\$	6,500	\$	-	\$	6,500	TREATMENT PLANT - P04-Irrigation tank. Pump Type 4
Brenda Park	BREN017	\$	114,000	\$	-	\$	114,000	SUBSURFACE INFRASTRUCTURE - IR01-irrigation area 18,850m2. Irrigation system replacement.
Idyll Acres	IDYL020	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3
Idyll Acres	IDYL021	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3
Idyll Acres	IDYL024	\$	9,500	\$	-	\$	9,500	Pump Station- P05-PS2. Pump Type 5

Idyll Acres	IDYL025	\$	9,500	\$	-	\$	9,500	Pump Station- P05-PS2. Pump Type 5
Marks Landing	MARK028	\$	27,000	\$	-	\$	27,000	TREATMENT PLANT - AB05-Sinkair 4 kW. Aerator/Blower Type 5
Marks Landing	MARK029	\$	27,000	\$	-	\$	27,000	TREATMENT PLANT - AB05-Sinkair 4 kW. Aerator/Blower Type 5
Marks Landing	MARK030	\$	27,000	\$	-	\$	27,000	TREATMENT PLANT - AB05-Sinkair 4 kW. Aerator/Blower Type 5
Pelican Point	PELI013	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-irrigation pump. Pump Type 3
Scrubby Flat	SCRU010	\$	12,000	\$	-	\$	12,000	SUBSURFACE INFRASTRUCTURE - CP01-10 x connection points - 2 brass springs, 1 valve in each
Scrubby Flat	SCRU001	\$	45,000	\$	-	\$	45,000	TREATMENT PLANT - T05-Receive Tank. Tank Type 5
Scrubby Flat	SCRU011	\$	11,000	\$	-	\$	11,000	IRRIGATION SITE - IR01-Irrigation site 1800 m2
Pellaring Flat	PELL009	\$	18,000	\$	-	\$	18,000	TREATMENT PLANT - T02-Ps2 Tank Type 2
Truro	TRUR032	\$	7,000	\$	-	\$	7,000	TRUR - TREATMENT PLANT - P04-SEWER PUMP 2
7 Mile	7MIL006	\$	7,000	\$	-	\$	7,000	7 MILE - TREATMENT PLANT - SH01-Shed/Enclosure
Big Bend	BIGB006	\$	7,000	\$	-	\$	7,000	BIG BEND - TREATMENT PLANT - SH01-Shed/Enclosure
Caloote	CALO007	\$	21,000	\$	-	\$	21,000	TREATMENT PLANT - PLC04-At WWTP. PLC Unit Type 4. Allen Bradley/ Micrologic
Caloote	CALO004	\$	315,000	\$	-	\$	315,000	TREATMENT PLANT - T11-Irrigation Tank. Tank Type 11.
Morgan Caravan Park	MORG010	\$	50,000	\$	-	\$	50,000	Pump Station, Tank Type 3. Cabin pump station. Tank is a homemade brick tank, will need to be replaced.
Old Teal Flat	OLDT005	\$	10,000	\$	-	\$	10,000	Treatment Plant - PLC02-at WWTP. PLC Unit Type 2. Needs to be replaced and updated.
Big Bend	NEW			\$	25,000	\$	25,000	Trafficable Lids x25
Other Capital All CWMS Sites - Scada automation				\$	80,000	\$	80,000	All CWMS Sites - Install Scada system
Old Teal Flat	OLDT014	\$	24,000	\$	-	\$	24,000	Irrigation. Needs work to sprinklers.
		\$	827,500	\$	105,000	\$	932,500	

Year 5 - 2030/31

7 Mile	7MIL008	\$	10,000	\$	-	\$	10,000	TREATMENT PLANT - PLC02-at receival sump. PLC Unit Type 2
Big Bend	BIGB007	\$	14,500	\$	-	\$	14,500	TREATMENT PLANT - PLC03-Electrical. PLC Unit Type 3. Control System- contactors/ relays/ timers.
Kroehns Landing	KROE005	\$	10,000	\$	-	\$	10,000	PLC02-Control System at WWTP. PLC Unit Type 2.Control System at WWTP basic/ timer/contactator.
Marks Landing	MARK027	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3
Pellaring Flat	PELL007	\$	55,000	\$	-	\$	55,000	PELLARING FLAT - TREATMENT PLANT - T08-PS1
Rob Loxton & Walker Flat	ROBL014	\$	5,500	\$	-	\$	5,500	ROB LOXTON - TREATMENT PLANT - AB03-Kawake RB8C-5B0. Aerator/Blower Type 3
Rob Loxton & Walker Flat	ROBL021	\$	140,000	\$	-	\$	140,000	ROB LOXTON - IRRIGATION SITE - IR01-Irrigation site 23060m2. Irrigation
The Rocks	ROCK002	\$	50,000	\$	-	\$	50,000	TREATMENT PLANT - T06-Aerobic. Tank Type 6, Aerobic.
Marks Landing	MARK003	\$	50,000	\$	-	\$	50,000	Pump Station- T03-septic hotel. Tank Type 3. 8000 litres
Marks Landing	MARK004	\$	18,000	\$	-	\$	18,000	Pump Station- T02-hotel sump. Tank Type 2. Has concrete cancer present. 8000 litres
Marks Landing	MARK008	\$	24,000	\$	-	\$	24,000	TREATMENT PLANT - PLC05-Allen Bradley @ WWTP. Old technology.
Marks Landing	MARK009	\$	10,000	\$	-	\$	10,000	Pump Station - PLC02-TWE Controls @ PS1. TWE Controls @ PS1. Older style controls.
Marks Landing	MARK010	\$	10,000	\$	-	\$	10,000	Pump Station - PLC02-TWE Controls @ PS2. At PS2. Older style controls
Marks Landing	MARK026	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Irrigation Tank. Pump Type 3
Caloote	CALO008	\$	10,000	\$	-	\$	10,000	Pump Station- PLC02-At Sump. PLC Unit Type 2
Kroehns Landing	KROE005	\$	10,000	\$	-	\$	10,000	TREATMENT PLANT - PLC02-Control System at WWTP. PLC Unit Type 2
7 Mile	7MIL017	\$	13,000	\$	-	\$	13,000	IRRIGATION SITE - IR01-sprinklers. Irrigation

Beaumont	BEAU008	\$	7,000	\$	-	\$	7,000	Treatment Plant - SH01-Receiveal Tank. Shed/Enclosure. Chlorine gas damage.
Big Bend	BIGB012	\$	25,000	\$	-	\$	25,000	IRRIGATION SITE - IR01-Irrigation Site. Irrigation
Bowhill	BOWH009	\$	7,000	\$	-	\$	7,000	Treatment Plant - SH01 at WWTP. Shed/Enclosure. Due to chlorine gas, requires replacement.
Bowhill	BOWH025	\$	7,000	\$	-	\$	7,000	Pump Station/Treatment Plant - VF02-Pumpstation. Vent/Filter Type 2, steel & chlorine filter.
Bowhill	BOWH020	\$	15,000	\$	-	\$	15,000	TREATMENT PLANT - P07-Sump. Pump Type 7
Pellaring Flat	PELL008	\$	55,000	\$	-	\$	55,000	TREATMENT PLANT - T08-PS1 Tank Type 8
Swan Reach	SWAN001	\$	45,000	\$	-	\$	45,000	TREATMENT PLANT - T05-Receiveal Tank
The Rocks	ROCK010	\$	35,000	\$	-	\$	35,000	IRRIGATION SITE - IR01-5570m2 sprinklers/ drippers
Kroehns Landing	KROE014	\$	7,000	\$	-	\$	7,000	IRRIGATION SITE - IR01-1156 m2 Irrigation Site
Greenways	NEW			\$	8,000	\$	8,000	Trafficable Lids x8
Idyll Acres	NEW			\$	6,000	\$	6,000	Trafficable Lids x6
Kroehns Landing	NEW			\$	6,000	\$	6,000	Trafficable Lids x6
Marks Landing	MARK033	\$	48,000	\$	-	\$	48,000	IRRIGATION SITE - IR01-8000m2 irrigation site
Bolto	NEW			\$	44,000	\$	44,000	Trafficable Lids x44
Bowhill	NEW			\$	40,000	\$	40,000	Trafficable Lids x40
Caloote	NEW			\$	43,000	\$	43,000	Trafficable Lids x43
Other Capital All CWMS Sites - Scada automation				\$	55,000	\$	55,000	All CWMS Sites - Install Scada system
North Punyelroo	NPUN004	\$	16,000	\$	-	\$	16,000	IRRIGATION SITE - IR01-2537 m2 of irrigation area. Wombat damage to area, exposed pipes.
		\$	707,000	\$	202,000	\$	909,000	

Year 6 - 2031/32

Bowhill	BOWH021	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - M04-Receiveal Tank. Meter Type 4
Bowhill	BOWH022	\$	66,000	\$	-	\$	66,000	TREATMENT PLANT - T04-Aeration Tank. Tank Type 4
Bowhill	BOWH023	\$	66,000	\$	-	\$	66,000	TREATMENT PLANT - T04-Aeration Tank. Tank Type 4
Caloote	CALO021	\$	55,000	\$	-	\$	55,000	SUBSURFACE INFRASTRUCTURE - IR01-Irrigation Site 9000m2.

Greenways	GREE005	\$	21,000	\$	-	\$	21,000	TREATMENT PLANT - PLC04-Control System at WWTP
Greenways	GREE014	\$	10,000	\$	-	\$	10,000	IRRIGATION SITE - IR01-Irrigation site 1600 m2
5 Mile	5MIL001	\$	11,000	\$	-	\$	11,000	Pump Station- T01-1695 Litre Pump Sump
5 Mile	5MIL002	\$	164,000	\$	-	\$	164,000	TREATMENT PLANT - T10-57,000 Litre IAT Tank
5 Mile	5MIL003	\$	50,000	\$	-	\$	50,000	TREATMENT PLANT - T03-22,000 Litre Balance Tank
7 Mile	7MIL001	\$	46,000	\$	-	\$	46,000	TREATMENT PLANT - T07-Receiveal sump
7 Mile	7MIL002	\$	66,000	\$	-	\$	66,000	TREATMENT PLANT - T04-13500 Ltr
7 Mile	7MIL003	\$	66,000	\$	-	\$	66,000	TREATMENT PLANT - T04-13500 Ltr
7 Mile	7MIL004	\$	46,000	\$	-	\$	46,000	TREATMENT PLANT - T07-C12-6-56
7 Mile	7MIL005	\$	50,000	\$	-	\$	50,000	TREATMENT PLANT - T03-6000 Ltr
Beaumont	BEAU019	\$	10,000	\$	-	\$	10,000	TREATMENT PLANT - P05-Receiveal Sump
Big Bend	BIGB002	\$	18,000	\$	-	\$	18,000	TREATMENT PLANT - T02-Tank
Blanchetown	NEW			\$	25,000	\$	25,000	Trafficable Lids x25
Big Bend	BIGB003	\$	54,000	\$	-	\$	54,000	TREATMENT PLANT - T08-Aerobic Tanks
Other Capital All CWMS Sites - Scada automation				\$	10,000	\$	10,000	All CWMS Sites - Install Scada system
Five Mile/Kia Marina	NEW			\$	13,000	\$	13,000	Trafficable Lids x13
Big Bend	BIGB004	\$	54,000	\$	-	\$	54,000	TREATMENT PLANT - T08-Aerobic Tanks
		\$	858,000	\$	48,000	\$	906,000	

Year 7 - 2032/33

Big Bend	BIGB005	\$	11,000	\$	-	\$	11,000	TREATMENT PLANT - T01-Tank. Tank Type 1
Blanchetown	BLAN019	\$	14,000	\$	-	\$	14,000	TREATMENT PLANT - AB04-Receiveal Tank
Bowhill	BOWH018	\$	5,000	\$	-	\$	5,000	TREATMENT PLANT - P03-Receiveal Tank
Caloote	CALO001	\$	50,000	\$	-	\$	50,000	PUMP STATION/TREATMENT PLANT - T06-1800mm diameter x 3m depth
Caloote	CALO003	\$	315,000	\$	-	\$	315,000	TREATMENT PLANT - T11-IAT Tank
Julanker	JULA019	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Irrigation Pump
Julanker	JULA020	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Irrigation Pump

Julanker	JULA021	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Pump at PS1
Julanker	JULA022	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Pump at PS1
Julanker	JULA023	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Pump at PS 2
Julanker	JULA024	\$	5,000	\$	-	\$	5,000	PUMP STATION/TREATMENT PLANT - P03-Pump at PS 2
Kroehns Landing	KROE001	\$	50,000	\$	-	\$	50,000	TREATMENT PLANT - T03-Receive Tank
Kroehns Landing	KROE002	\$	45,000	\$	-	\$	45,000	TREATMENT PLANT - T05-Aeration Tank
Kroehns Landing	KROE003	\$	11,000	\$	-	\$	11,000	TREATMENT PLANT - T01-Irrigation Tank
Rob Loxton & Walker Flat	ROBL001	\$	66,000	\$	-	\$	66,000	ROB LOXTON - TREATMENT PLANT - T04-Receive Tank
Rob Loxton & Walker Flat	ROBL002	\$	46,000	\$	-	\$	46,000	ROB LOXTON - TREATMENT PLANT - T07-C12-6-79 Aerobic
Rob Loxton & Walker Flat	ROBL003	\$	46,000	\$	-	\$	46,000	ROB LOXTON - TREATMENT PLANT - T07-C12-6-79 Aerobic
Rob Loxton & Walker Flat	ROBL004	\$	18,000	\$	-	\$	18,000	ROB LOXTON - TREATMENT PLANT - T02-irrigation tank shared 8000lt
Rob Loxton & Walker Flat	ROBL005	\$	18,000	\$	-	\$	18,000	ROB LOXTON - TREATMENT PLANT - T02-irrigation tank shared - 8000
Rob Loxton & Walker Flat	ROBL017	\$	5,000	\$	-	\$	5,000	ROB LOXTON - TREATMENT PLANT - P03-Irrigation
Scrubby Flat	SCRU002	\$	50,000	\$	-	\$	50,000	SCRU - TREATMENT PLANT - T06-B9-4-40 Aerobic
Julanker / Younghusband	NEW			\$	38,000	\$	38,000	Trafficable Lids x38
Other Capital All CWMS Sites - Scada automation				\$	30,000	\$	30,000	All CWMS Sites - Install Scada system
Scrubby Flat	SCRU003	\$	50,000	\$	-	\$	50,000	SCRU - TREATMENT PLANT - T03-irrigation tank
South Punyelroo	SPUN018	\$	5,000	\$	-	\$	5,000	SPUN - TREATMENT PLANT - P03-6 pumps in each PS
		\$	835,000	\$	68,000	\$	903,000	

Year 8 - 2033/34

South Punyelroo	SPUN019	\$	5,000	\$	-	\$	5,000	SPUN - TREATMENT PLANT - P03-6 pumps in each PS
South Punyelroo	SPUN026	\$	145,000	\$	-	\$	145,000	SPUN - PUMP STATION - T07-3 Pumpstations
5 Mile	5MIL004	\$	5,500	\$	-	\$	5,500	5 MILE - TREATMENT PLANT - SH01-4 m2 Shed/Enclosure
5 Mile	5MIL013	\$	30,000	\$	-	\$	30,000	5 MILE - TREATMENT PLANT - SF01-Chain Mesh Fence
7 Mile	7MIL009	\$	7,000	\$	-	\$	7,000	7 MILE - TREATMENT PLANT - ES01-3 phase connection
7 Mile	7MIL016	\$	6,500	\$	-	\$	6,500	7 MILE - TREATMENT PLANT - CMF01-chain mesh & gate 47 mts
Beaumont	BEAU014	\$	8,000	\$	-	\$	8,000	BEAUMONTS - TREATMENT PLANT - VF03-Irrigation tank
Blanchetown	BLAN023	\$	10,000	\$	-	\$	10,000	BLANCHETOWN - TREATMENT PLANT - P05-Sump
Blanchetown	BLAN003	\$	21,000	\$	-	\$	21,000	BLANCHETOWN - Pump Station- PLC04-control system for Sump
Blanchetown	BLAN013	\$	5,000	\$	-	\$	5,000	BLANCHETOWN - TREATMENT PLANT - A02-Alarm WWTP
Blanchetown	BLAN022	\$	10,000	\$	-	\$	10,000	BLANCHETOWN - TREATMENT PLANT - P05-Sump
Bolto	BOLT017	\$	11,500	\$	-	\$	11,500	BOLTO - TREATMENT PLANT - CMF01-Chain mesh
Brenda Park	BREN002	\$	315,000	\$	-	\$	315,000	BRENDA PARK - TREATMENT PLANT - T11-Irrigation Tank
Brenda Park	BREN005	\$	24,000	\$	-	\$	24,000	BRENDA PARK - TREATMENT PLANT - PLC05-Control System- Allen Bradley
Caurnamont	CAUR004	\$	21,000	\$	-	\$	21,000	CAURNAMONT - TREATMENT PLANT - PLC05-At WWTP
Marks Landing	NEW			\$	142,000	\$	142,000	Trafficable Lids x142
Blanchetown	NEW			\$	25,000	\$	25,000	Trafficable Lids x25
Other Capital All CWMS Sites - Scada automation				\$	10,000	\$	10,000	All CWMS Sites - Install Scada system
Morgan Caravan Park	MORG002	\$	45,000	\$	-	\$	45,000	MORGAN CARAVAN PARK - TREATMENT PLANT - T05- Receival Tank
The Rocks	ROCK001	\$	66,000	\$	-	\$	66,000	ROCK - TREATMENT PLANT - T04-septic
		\$	735,500	\$	177,000	\$	912,500	

Year 9 - 2034/35

Rob Loxton & Walker Flat	ROBL015	\$	5,500	\$	-	\$	5,500	ROB LOXTON - TREATMENT PLANT - AB03-Kawake RB8C-5B0
South Punyelroo	SPUN020	\$	5,000	\$	-	\$	5,000	SPUN - TREATMENT PLANT - P03-6 pumps in each PS. Pump Type 3
South Punyelroo	SPUN021	\$	5,000	\$	-	\$	5,000	SPUN - TREATMENT PLANT - P03-6 pumps in each PS. Pump Type 3
South Punyelroo	SPUN023	\$	5,000	\$	-	\$	5,000	SPUN - TREATMENT PLANT - P03-6 pumps in each PS. Pump Type 3
Swan Reach	SWAN013	\$	25,000	\$	-	\$	25,000	SWAN - IRRIGATION SITE - IR01-4090m2 irrigation area
Blanchetown	BLAN018	\$	14,000	\$	-	\$	14,000	BLANCHETOWN - TREATMENT PLANT - AB04-Receiveal Tank
Bowhill	BOWH004	\$	53,000	\$	-	\$	53,000	BOWHILL - Pump Station- T08-20,000 litres
Brenda Park	BREN003	\$	4,000	\$	-	\$	4,000	BRENDA PARK - TREATMENT PLANT - SH01-Shed/Enclosure
Caloote	CALO006	\$	45,000	\$	-	\$	45,000	CALOOTE - TREATMENT PLANT - ES01-Electrical Supply. From toilet to WWTP
Caloote	CALO018	\$	10,000	\$	-	\$	10,000	CALOOTE - TREATMENT PLANT - CMF01-Chain Mesh & PA
Caurnamont	CAUR009	\$	5,000	\$	-	\$	5,000	CAURNAMONT - TREATMENT PLANT - P03-At Irrigation tank
Julanker	JULA027	\$	20,000	\$	-	\$	20,000	JULANKER - IRRIGATION SITE - SF01-738 metres stock fence
Kroehns Landing	KROE006	\$	5,500	\$	-	\$	5,500	KROEHNS LANDING - PUMP STATION/TREATMENT PLANT - ES01-Electrical Supply
Kroehns Landing	KROE012	\$	5,000	\$	-	\$	5,000	KROEHNS LANDING - TREATMENT PLANT - CMF01-At WWTP
Marks Landing	MARK020	\$	7,000	\$	-	\$	7,000	MARKS LANDING - Pump Station- VF02-PS1
Marks Landing	MARK021	\$	7,000	\$	-	\$	7,000	MARKS LANDING - Pump Station- VF02-PS2

Scotts Creek	SCOT004	\$ 24,000	\$ -	\$ 24,000	SCOT - TREATMENT PLANT - PLC05-WWTP Control system
Scrubby Flat	SCRU009	\$ 4,500	\$ -	\$ 4,500	SCRU - TREATMENT PLANT - CMF01-chain mesh & gate
South Punyelroo	SPUN004	\$ 24,000	\$ -	\$ 24,000	SPUN - TREATMENT PLANT - PLC05-Control system at WWTP
South Punyelroo	SPUN005	\$ 10,000	\$ -	\$ 10,000	SPUN - Pump Station- PLC02-Control System at Sump
South Punyelroo	SPUN006	\$ 10,000	\$ -	\$ 10,000	SPUN - Pump Station- PLC02-Control System at Sump
South Punyelroo	SPUN007	\$ 10,000	\$ -	\$ 10,000	SPUN - Pump Station- PLC02-Control System at Sump
South Punyelroo	SPUN028	\$ 7,000	\$ -	\$ 7,000	SPUN - Pump Station- VF02-at sump
South Punyelroo	SPUN029	\$ 7,000	\$ -	\$ 7,000	SPUN - Pump Station- VF02-at sump
South Punyelroo	SPUN030	\$ 7,000	\$ -	\$ 7,000	SPUN - Pump Station- VF02-at sump
Teal Flat	TEAL002	\$ 46,000	\$ -	\$ 46,000	TEAL - TREATMENT PLANT - T07-C12-6-79 Aerobic
Teal Flat	TEAL003	\$ 46,000	\$ -	\$ 46,000	TEAL - TREATMENT PLANT - T07-C12-6-79 Aerobic
Teal Flat	TEAL004	\$ 46,000	\$ -	\$ 46,000	TEAL - TREATMENT PLANT - T07-C12-6-79 Aerobic
South Punyelroo	SPUN024	\$ 145,000	\$ -	\$ 145,000	SPUN - PUMP STATION - T07-3 Pumpstations
South Punyelroo	SPUN025	\$ 145,000	\$ -	\$ 145,000	SPUN - PUMP STATION - T07-3 Pumpstations
5 Mile	5MIL010	\$ 26,000	\$ -	\$ 26,000	5 MILE - TREATMENT PLANT - AB05-Sinkair Model 200 QF. Aerator/Blower Type 5
Blanchetown	NEW		\$ 25,000	\$ 25,000	Trafficable Lids x25
Beaumont	BEAU002	\$ 21,000	\$ -	\$ 21,000	BEAUMONTS - TREATMENT PLANT - PLC04-PLC at WWTP
North Punyelroo	NEW		\$ 12,000	\$ 12,000	Trafficable Lids x12
North West Bend/Beaumonts	NEW		\$ 85,000	\$ 85,000	Trafficable Lids x85
Old Teal Flat	NEW		\$ 11,000	\$ 11,000	Trafficable Lids x11
Pellaring Flat	NEW		\$ 24,000	\$ 24,000	Trafficable Lids x24
Other Capital All CWMS Sites - Scada automation			\$ 30,000	\$ 30,000	All CWMS Sites - Install Scada system
Bolto	BOLT019	\$ 7,000	\$ -	\$ 7,000	BOLTO - TREATMENT PLANT - VF02-Steel vent
The Rocks	ROCK004	\$ 5,000	\$ -	\$ 5,000	ROCK - TREATMENT PLANT - ES01-single phase to WWTP

\$	811,500	\$	187,000	\$	998,500
----	---------	----	---------	----	---------

Year 10 - 2035/36

Brenda Park	BREN013	\$	26,000	\$	-	\$	26,000	BRENDA PARK - TREATMENT PLANT - AB05-Sinkair
Caloote	CALO015	\$	5,000	\$	-	\$	5,000	CALOOTE - Pump Station- P03-At Sump
Caloote	CALO014	\$	5,000	\$	-	\$	5,000	CALOOTE - Pump Station- P03-At Sump
Caurnamont	CAUR003	\$	6,000	\$	-	\$	6,000	CAURNAMONT - TREATMENT PLANT - SH01-At Irrigation tank
Cowirra	COWI002	\$	35,000	\$	-	\$	35,000	Cowirra - Pump Station Air Valve
Idyll Acres	IDYL006	\$	14,000	\$	-	\$	14,000	IDYLL ACRES - Pump Station- PLC03-At PS 1. PLC Unit Type 3
Idyll Acres	IDYL004	\$	24,000	\$	-	\$	24,000	IDYLL ACRES - TREATMENT PLANT - PLC05-at WWTP
Morgan Caravan Park	MORG013	\$	80,000	\$	-	\$	80,000	MORGAN CARAVAN PARK - SUBSURFACE INFRASTRUCTURE - IR01-sprinklers
Morgan Caravan Park	MORG021	\$	45,000	\$	-	\$	45,000	MORGAN CARAVAN PARK - IRRIGATION SITE - CMF01-Chain Mesh
Morgan Caravan Park	MORG026	\$	64,000	\$	-	\$	64,000	MORGAN CARAVAN PARK - IRRIGATION SITE - IR01-Irrigation Site 10608m2
Morgan Caravan Park	MORG019	\$	14,000	\$	-	\$	14,000	MORGAN CARAVAN PARK - TREATMENT PLANT - CMF01-chain mesh at WWTP
Morgan Caravan Park	MORG008	\$	40,000	\$	-	\$	40,000	MORGAN CARAVAN PARK - TREATMENT PLANT - ES01-Electrical Supply/connection
Old Teal Flat	OLDT006	\$	6,000	\$	-	\$	6,000	OLD TEAL FLAT - TREATMENT PLANT - ES01-electrical connection
Old Teal Flat	OLDT015	\$	6,000	\$	-	\$	6,000	OLD TEAL FLAT - TREATMENT PLANT - CMF01-Chain Mesh fence
Old Teal Flat	OLDT010	\$	5,000	\$	-	\$	5,000	OLD TEAL FLAT - TREATMENT PLANT - P03-vortex sump
Pelican Point	PELI015	\$	9,000	\$	-	\$	9,000	PELICAN POINT - TREATMENT PLANT - CMF01-At WWTP Chain Mesh Fence

Pellaring Flat	PELL010	\$	9,000	\$	-	\$	9,000	PELLARING FLAT - IRRIGATION SITE - SF01-312mts stock fence
South Punyelroo	SPUN015	\$	5,000	\$	-	\$	5,000	SPUN - TREATMENT PLANT - M04-water meter
Swan Reach	SWAN006	\$	6,000	\$	-	\$	6,000	SWAN - TREATMENT PLANT - ES01-Electrical Supply
Truro	TRUR023	\$	6,500	\$	-	\$	6,500	TRUR - TREATMENT PLANT - P04-SEWER PUMP 1
Truro	TRUR024	\$	6,500	\$	-	\$	6,500	TRUR - TREATMENT PLANT - P04-SEWER PUMP 2
Truro	TRUR025	\$	6,500	\$	-	\$	6,500	TRUR - TREATMENT PLANT - P04-SEWER PUMP 3
Truro	TRUR026	\$	6,500	\$	-	\$	6,500	TRUR - TREATMENT PLANT - P04-SEWER PUMP 4
Truro	TRUR027	\$	6,500	\$	-	\$	6,500	TRUR - TREATMENT PLANT - P04-SEWER PUMP 5
Truro	TRUR028	\$	13,000	\$	-	\$	13,000	TRUR - TREATMENT PLANT - P04-PUMP TYPE 6
South Punyelroo	SPUN002	\$	136,000	\$	-	\$	136,000	SPUN - TREATMENT PLANT - T09-irrigation tank 53KL
Greenways	GREE001	\$	19,000	\$	-	\$	19,000	GREENWAYS - TREATMENT PLANT - T02-Receival
Greenways	GREE003	\$	11,000	\$	-	\$	11,000	GREENWAYS - TREATMENT PLANT - T01-Irrigation Tank
Swan Reach	SWAN002	\$	48,000	\$	-	\$	48,000	SWAN - TREATMENT PLANT - T07-C12-6-56
Blanchetown	NEW			\$	58,000	\$	58,000	Trafficable Lids x58
Other Capital All CWMS Sites - Scada automation						\$	-	All CWMS Sites - Install Scada system
Swan Reach	SWAN004	\$	69,000	\$	-	\$	69,000	SWAN - TREATMENT PLANT - T04-Irrigation Tank
Morgan Caravan Park	MORG001	\$	45,000	\$	-	\$	45,000	MORGAN CARAVAN PARK - TREATMENT PLANT - T05-Receival Tank
Truro	TRUR020	\$	7,000	\$	-	\$	7,000	TRUR - TREATMENT PLANT - P04-SEWER PUMP 1
Truro	TRUR021	\$	7,000	\$	-	\$	7,000	TRUR - TREATMENT PLANT - P04-SEWER PUMP 3
Truro	TRUR029	\$	15,000	\$	-	\$	15,000	TRUR - TREATMENT PLANT - P04-SEWER PUMP 7
		\$	806,500	\$	58,000	\$	864,500	

Year 11 - 2036/37

Truro	TRUR022	\$	7,000	\$	-	\$	7,000	TRUR - TREATMENT PLANT - P04-SEWER PUMP 4
Truro	TRUR001	\$	48,000	\$	-	\$	48,000	TRUR - TREATMENT PLANT - T07-C12-6-79 AEROBIC TANK
Bowhill	BOWH007	\$	330,000	\$	-	\$	330,000	BOWHILL - TREATMENT PLANT - T11-IAT Tank

Bowhill	BOWH005	\$	330,000	\$	-	\$	330,000	BOWHILL - TREATMENT PLANT - T11-Sludge Return tank
Beaumont	BEAU017	\$	5,000	\$	-	\$	5,000	BEAUMONTS - TREATMENT PLANT - P03-Irrigation tank
Idyll Acres	IDYL005	\$	10,000	\$	-	\$	10,000	IDYLL ACRES - TREATMENT PLANT - PLC02-at WWTP
Old Teal Flat	OLDT002	\$	47,000	\$	-	\$	47,000	OLD TEAL FLAT - TREATMENT PLANT - T05-Septic Tank
Old Teal Flat	OLDT003	\$	47,000	\$	-	\$	47,000	OLD TEAL FLAT - TREATMENT PLANT - T05-Primary Tank
Old Teal Flat	OLDT001	\$	51,000	\$	-	\$	51,000	OLD TEAL FLAT - TREATMENT PLANT - T06-Receival Tank
		\$	875,000	\$	-	\$	875,000	

Year 12 - 2037/38

Bolto	BOLT002	\$	15,000	\$	-	\$	15,000	BOLTO - TREATMENT PLANT - PLC03-Control System - Unitronics
South Punyelroo	SPUN001	\$	330,000	\$	-	\$	330,000	SPUN - TREATMENT PLANT - T11-IAT Tank 120KL
Brenda Park	BREN001	\$	409,000	\$	-	\$	409,000	BRENDA PARK - TREATMENT PLANT - T12-IAT
Scotts Creek	NEW			\$	101,000	\$	101,000	Trafficable Lids x101
Scrubby Flat	NEW			\$	10,000	\$	10,000	Trafficable Lids x10
Seven Mile	NEW			\$	11,000	\$	11,000	Trafficable Lids x11
Truro	TRUR002	\$	11,000	\$	-	\$	11,000	TRUR - TREATMENT PLANT - T01-IRRIGATION TANK/SUMP
		\$	765,000	\$	122,000	\$	887,000	

Year 13 - 2038/39

5 Mile	5MIL007	\$	13,000	\$	-	\$	13,000	5 MILE - SUBSURFACE INFR - CP01-12 x Gravity Connection Points
7 Mile	7MIL012	\$	12,000	\$	-	\$	12,000	7 MILE - SUBSURFACE INFR - CP01-11x 100mm gravity connection points
Bowhill	BOWH033	\$	157,000	\$	-	\$	157,000	BOWHILL - IRRIGATION SITE - IR01-25000m2 of irrigation area

Caloote	CALO019	\$	47,000	\$	-	\$	47,000	CALOOTE - SUBSURFACE INFR - CP01-45x connection points - IP x 100mm uPVC
Caurnamont	CAUR001	\$	330,000	\$	-	\$	330,000	CAURNAMONT - TREATMENT PLANT - T11-IAT Tank
Greenways	GREE009	\$	8,000	\$	-	\$	8,000	GREENWAYS - SUBSURFACE INFR - CP01-8x connection points - incl NRV Valves in c
Kroehns Landing	KROE013	\$	6,000	\$	-	\$	6,000	KROEHNS LANDING - SUBSURFACE INFR - CP01-6x Connection points - incl NRV Valves
Morgan Caravan Park	MORG003	\$	48,000	\$	-	\$	48,000	MORGAN CARAVAN PARK - TREATMENT PLANT - T07-C12-6-56 tank
Morgan Caravan Park	MORG004	\$	48,000	\$	-	\$	48,000	MORGAN CARAVAN PARK - TREATMENT PLANT - T07-C12-6-56 tank
Morgan Caravan Park	MORG005	\$	52,000	\$	-	\$	52,000	MORGAN CARAVAN PARK - TREATMENT PLANT - T03-Irrigation tank
Scotts Creek	NEW			\$	100,000	\$	100,000	Trafficable Lids x100
Rob Loxton & Walker Flat	ROBL018	\$	23,000	\$	-	\$	23,000	ROB LOXTON - IRRIGATION SITE - SF01-Disposal Site
Swan Reach	SWAN005	\$	8,000	\$	-	\$	8,000	SWAN - TREATMENT PLANT - SH01-at WWTP
		\$	752,000	\$	100,000	\$	852,000	

Year 14 - 2039/40

Swan Reach	SWAN012	\$	31,000	\$	-	\$	31,000	SWAN - SUBSURFACE INFR - CP01-30x connection pts - 2 brass springs barrel union
The Rocks	ROCK009	\$	6,000	\$	-	\$	6,000	ROCK - SUBSURFACE INFR - CP01-6 x Gravity Connection points
Beaumont	BEAU012	\$	74,000	\$	-	\$	74,000	BEAUMONTS - IRRIGATION SITE - IR01-Drippers
Blanchetown	BLAN001	\$	16,000	\$	-	\$	16,000	BLANCHETOWN - TREATMENT PLANT - ES01-Electrical Supply/connection
Blanchetown	BLAN026	\$	27,000	\$	-	\$	27,000	BLANCHETOWN - TREATMENT PLANT - ES01-Supply
Blanchetown	BLAN002	\$	69,000	\$	-	\$	69,000	BLANCHETOWN - PUMP STATION - T04-20000 litres
Caloote	CALO017	\$	11,000	\$	-	\$	11,000	CALOOTE - IRRIGATION SITE - SF01-Farm type
Kroehns Landing	KROE011	\$	5,000	\$	-	\$	5,000	KROEHNS LANDING - IRRIGATION SITE - SF01-at Irrigation site

Marks Landing	MARK015	\$	16,000	\$	-	\$	16,000	MARKS LANDING - TREATMENT PLANT - ES01-Electrical Connection
Marks Landing	MARK012	\$	6,000	\$	-	\$	6,000	MARKS LANDING - PUMP STATION - ES01-Electrical Connection
Marks Landing	MARK013	\$	6,000	\$	-	\$	6,000	MARKS LANDING - PUMP STATION - ES01-Electrical Connection
Marks Landing	MARK001	\$	330,000	\$	-	\$	330,000	MARKS LANDING - TREATMENT PLANT - T11-IAT Tank
Marks Landing	MARK005	\$	48,000	\$	-	\$	48,000	MARKS LANDING - PUMP STATION - T07-PS 1
Marks Landing	MARK006	\$	48,000	\$	-	\$	48,000	MARKS LANDING - PUMP STATION - T07-PS 2
Swan Reach	SWAN002	\$	48,000	\$	-	\$	48,000	SWAN - TREATMENT PLANT - T07-C12-6-56
Swan Reach	NEW			\$	26,000	\$	26,000	Trafficable Lids x26
Teal Flat	NEW			\$	71,000	\$	71,000	Trafficable Lids x71
The Rocks	NEW			\$	6,000	\$	6,000	Trafficable Lids x6
Bowhill	NEW			\$	117,000	\$	117,000	Trafficable Lids x117
Scotts Creek	SCOT008	\$	4,000	\$	-	\$	4,000	SCOT - SUBSURFACE INFR - FP02-4x at WWTP
Scrubby Flat	SCRU008	\$	5,000	\$	-	\$	5,000	SCRU - IRRIGATION SITE - SF01-stock fence & gate
Teal Flat	TEAL008	\$	27,000	\$	-	\$	27,000	TEAL - TREATMENT PLANT - ES01-3 phase at WWTP
		\$	777,000	\$	220,000	\$	997,000	

Year 15 - 2040/41

Teal Flat	TEAL001	\$	69,000	\$	-	\$	69,000	TEAL - TREATMENT PLANT - T04-Receive Tank
Teal Flat	TEAL005	\$	69,000	\$	-	\$	69,000	TEAL - TREATMENT PLANT - T04-Irrigation Tank 22KL
The Rocks	ROCK007	\$	9,000	\$	-	\$	9,000	ROCK - IRRIGATION SITE - SF01-stock fence
Bolto	BOLT015	\$	76,000	\$	-	\$	76,000	BOLTO - IRRIGATION SITE - IR01-12000m2 of irrigation area
Bowhill	BOWH029	\$	51,000	\$	-	\$	51,000	BOWHILL - SUBSURFACE INFR - T06-Receive Tank
Bowhill	BOWH001	\$	34,000	\$	-	\$	34,000	BOWHILL - TREATMENT PLANT - ES01-Electrical Supply
Brenda Park	BREN016	\$	140,000	\$	-	\$	140,000	BRENDA PARK - SUBSURFACE INFR - CP01-133 connection - 2 nr valves & 1 ball valve

Caurnamont	CAUR013	\$	80,000	\$	-	\$	80,000	CAURNAMONT - SUBSURFACE INFR - CP01-76 Connection Points
Caurnamont	CAUR012	\$	10,000	\$	-	\$	10,000	CAURNAMONT - TREATMENT PLANT - CMF01-73 mtrs - Chain mesh with PA Door
Cowirra	COWI004_2	\$	18,000	\$	-	\$	18,000	Cowirra - Electrical Supply WWTP (Prev Part COWI004)
Greenways	GREE006	\$	6,000	\$	-	\$	6,000	GREENWAYS - TREATMENT PLANT - SH01- Shed/Enclosure
Greenways	GREE004	\$	5,000	\$	-	\$	5,000	GREENWAYS - TREATMENT PLANT - ES01-Power supply to WWTP
Marks Landing	MARK032	\$	145,000	\$	-	\$	145,000	MARKS LANDING - SUBSURFACE INFR - CP01-138x gravity connection points
Kroehns Landing	KROE004	\$	6,000	\$	-	\$	6,000	KROEHNS LANDING - TREATMENT PLANT - SH01- Shed/Enclosure
South Punyelroo	SPUN008	\$	13,000	\$	-	\$	13,000	SPUN - TREATMENT PLANT - ES01-3 phase at WWTP
South Punyelroo	SPUN009	\$	7,000	\$	-	\$	7,000	SPUN - PUMP STATION - ES01-3 phase @ PS1
Pelican Point	NEW			\$	71,000	\$	71,000	Trafficable Lids x71
Beaumont	BEAU004	\$	48,000	\$	-	\$	48,000	BEAUMONTS - PUMP STATION - T07-Size?
South Punyelroo	SPUN011	\$	7,000	\$	-	\$	7,000	SPUN - PUMP STATION - ES01-3 phase @ PS3
Truro	TRUR003	\$	8,000	\$	-	\$	8,000	TRUR - TREATMENT PLANT - SF01-STOCK FENCE
		\$	801,000	\$	71,000	\$	872,000	

Year 16 - 2041/42

Bowhill	BOWH006	\$	330,000	\$	-	\$	330,000	BOWHILL - TREATMENT PLANT - T11-AAT Tank
Idyll Acres	IDYL031	\$	66,000	\$	-	\$	66,000	IDYLL ACRES - SUBSURFACE INFR - IR01-Irrigation Site 10550 m2
Scotts Creek	SCOT015	\$	106,000	\$	-	\$	106,000	SCOT - SUBSURFACE INFR - CP01-101 connection points - 2 NR Valves & 1 valve
Bowhill	BOWH008	\$	330,000	\$	-	\$	330,000	BOWHILL - TREATMENT PLANT - T11-Irrigation/ Balance Tank
		\$	832,000	\$	-	\$	832,000	

Year 17 - 2042/43

Beaumont	BEAU005	\$	330,000	\$	-	\$	330,000	BEAUMONTS - TREATMENT PLANT - T11-Receive Tank
Beaumont	BEAU006	\$	52,000	\$	-	\$	52,000	BEAUMONTS - TREATMENT PLANT - T03-Irrigation Tank
Beaumont	BEAU007	\$	52,000	\$	-	\$	52,000	BEAUMONTS - TREATMENT PLANT - T03-Irrigation tank
Blanchetown	BLAN025	\$	16,000	\$	-	\$	16,000	BLANCHETOWN - TREATMENT PLANT - CMF01-Chain Mesh & PA Gate
Bowhill	BOWH030	\$	153,000	\$	-	\$	153,000	BOWHILL - SUBSURFACE INFR - CP01-146 Pressurised connection points - 2 NR Valves
Bowhill	BOWH011	\$	10,000	\$	-	\$	10,000	BOWHILL - SUBSURFACE INFR - CP01-10x connection points - Chucka Bend - 100mm spu
Idyll Acres	IDYL008	\$	52,000	\$	-	\$	52,000	IDYLL ACRES - PUMP STATION - T03-PS 1
Idyll Acres	IDYL009	\$	52,000	\$	-	\$	52,000	IDYLL ACRES - PUMP STATION - T03-PS 2
Idyll Acres	IDYL010	\$	52,000	\$	-	\$	52,000	IDYLL ACRES - TREATMENT PLANT - T03-Receive
Idyll Acres	IDYL011	\$	52,000	\$	-	\$	52,000	IDYLL ACRES - TREATMENT PLANT - T03-Receive
Beaumont	BEAU001	\$	34,000	\$	-	\$	34,000	BEAUMONTS - PUMP STATION/TREATMENT PLANT - ES01-Electrical Supply
		\$	855,000	\$	-	\$	855,000	

Year 18 - 2043/44

Idyll Acres	IDYL012	\$	52,000	\$	-	\$	52,000	IDYLL ACRES - TREATMENT PLANT - T03-Receive
Idyll Acres	IDYL016	\$	52,000	\$	-	\$	52,000	IDYLL ACRES - TREATMENT PLANT - T03-Irrigation Tank
Idyll Acres	IDYL013	\$	48,000	\$	-	\$	48,000	IDYLL ACRES - TREATMENT PLANT - T07-Clarifier tanks
Idyll Acres	IDYL014	\$	48,000	\$	-	\$	48,000	IDYLL ACRES - TREATMENT PLANT - T07-Clarifier tanks
Idyll Acres	IDYL015	\$	48,000	\$	-	\$	48,000	IDYLL ACRES - TREATMENT PLANT - T07-Clarifier tanks
Idyll Acres	IDYL026	\$	7,000	\$	-	\$	7,000	IDYLL ACRES - PUMP STATION/TREATMENT PLANT - VF02-On PS1
Idyll Acres	IDYL027	\$	7,000	\$	-	\$	7,000	IDYLL ACRES - PUMP STATION/TREATMENT PLANT - VF02-On PS2

Julanker	JULA011	\$	15,000	\$	-	\$	15,000	JULANKER - PUMP STATION/TREATMENT PLANT - PLC03-At PS 2
Old Teal Flat	OLDT013	\$	7,000	\$	-	\$	7,000	OLD TEAL FLAT - IRRIGATION SITE - SF01-Stock fence
South Punyelroo	SPUN027	\$	105,000	\$	-	\$	105,000	SPUN - SUBSURFACE INFR - CP01-100x 100mm gravity connection point
Bolto	BOLT005	\$	55,000	\$	-	\$	55,000	BOLTO - TREATMENT PLANT - T08-Aeration Tank 12-6-79
Bolto	BOLT006	\$	55,000	\$	-	\$	55,000	BOLTO - TREATMENT PLANT - T08-Aeration Tank 12-6-79
Bolto	BOLT004	\$	19,000	\$	-	\$	19,000	BOLTO - TREATMENT PLANT - T02-Receive Tank (12000lts)
Bolto	BOLT003	\$	11,000	\$	-	\$	11,000	BOLTO - TREATMENT PLANT - T01-concrete Sump
Bowhill	BOWH027	\$	19,000	\$	-	\$	19,000	BOWHILL - TREATMENT PLANT - CMF01-Receive Tank
Cowirra	COWI013	\$	10,000	\$	-	\$	10,000	Cowirra - Pump Type 2
Idyll Acres	IDYL030	\$	66,000	\$	-	\$	66,000	IDYLL ACRES - SUBSURFACE INFR - CP01-63x connection points - incl NRV Valves in
Idyll Acres	IDYL001	\$	34,000	\$	-	\$	34,000	IDYLL ACRES - PUMP STATION - ES01-Power supply at Sump 1
Caurnamont	NEW			\$	75,000	\$	75,000	Trafficable Lids x75
Idyll Acres	IDYL002	\$	34,000	\$	-	\$	34,000	IDYLL ACRES - PUMP STATION - ES01-Power supply at Sump 2
Beaumont	BEAU022	\$	89,000	\$	-	\$	89,000	BEAUMONTS - SUBSURFACE INFR - CP01-85 connection points - 2 NR Valves & 1 valve
		\$	781,000	\$	75,000	\$	856,000	

Year 19 - 2044/45

Idyll Acres	IDYL017	\$	6,000	\$	-	\$	6,000	IDYLL ACRES - TREATMENT PLANT - SH01-Shed/Enclosure
Morgan Caravan Park	MORG006	\$	8,000	\$	-	\$	8,000	MORGAN CARAVAN PARK - TREATMENT PLANT - SH01-Shed/Enclosure

Morgan Caravan Park	MORG020	\$	15,000	\$	-	\$	15,000	MORGAN CARAVAN PARK - IRRIGATION SITE - SF01-Farm fence
North Punyelroo	NPUN002	\$	6,000	\$	-	\$	6,000	NORTH PUNYELROO - IRRIGATION SITE - SF01-219 mts stock fence & gate
Pelican Point	PELI004	\$	48,000	\$	-	\$	48,000	PELICAN POINT - TREATMENT PLANT - T07-Aeration Tank
Pelican Point	PELI005	\$	48,000	\$	-	\$	48,000	PELICAN POINT - TREATMENT PLANT - T07-Aeration Tank
Pelican Point	PELI006	\$	48,000	\$	-	\$	48,000	PELICAN POINT - TREATMENT PLANT - T07-Aeration Tank
Pelican Point	PELI007	\$	47,000	\$	-	\$	47,000	PELICAN POINT - TREATMENT PLANT - T05-Irrigation Tank
Pelican Point	PELI001	\$	69,000	\$	-	\$	69,000	PELICAN POINT - TREATMENT PLANT - T04-Receiveal tank
Pelican Point	PELI002	\$	69,000	\$	-	\$	69,000	PELICAN POINT - TREATMENT PLANT - T04-Receiveal tank
Pelican Point	PELI003	\$	69,000	\$	-	\$	69,000	PELICAN POINT - TREATMENT PLANT - T04-Receiveal tank
Beaumont	BEAU021	\$	10,000	\$	-	\$	10,000	BEAUMONTS - TREATMENT PLANT - CMF01-Chain Mesh & PA
Blanchetown	BLAN009	\$	51,000	\$	-	\$	51,000	BLANCHETOWN - TREATMENT PLANT - T06-Aerobic Tank C12-6-79 c/park
Blanchetown	BLAN008	\$	52,000	\$	-	\$	52,000	BLANCHETOWN - TREATMENT PLANT - T03-Receiveal Tank Caravan park
Bolto	BOLT001	\$	7,000	\$	-	\$	7,000	BOLTO - TREATMENT PLANT - ES01-Electrical Supply/connection
Julanker	JULA030	\$	28,000	\$	-	\$	28,000	JULANKER - IRRIGATION SITE - IR01-Irrigation area 4440m2
Old Teal Flat	OLDT008	\$	5,000	\$	-	\$	5,000	OLD TEAL FLAT - TREATMENT PLANT - P03-Irrigation Tank

Pelican Point	PELI017	\$	74,000	\$	-	\$	74,000	PELICAN POINT - SUBSURFACE INFR - CP01-71x connection points - incl NRV Valves
Beaumont	BEAU018	\$	13,000	\$	-	\$	13,000	BEAUMONTS - TREATMENT PLANT - P05-Receiveal Sump
Blanchetown	BLAN010	\$	10,000	\$	-	\$	10,000	BLANCHETOWN - TREATMENT PLANT - SH01-Receiveal Tank
Bowhill	BOWH019	\$	15,000	\$	-	\$	15,000	BOWHILL - TREATMENT PLANT - P07-Sump
Idyll Acres	IDYL022	\$	10,000	\$	-	\$	10,000	IDYLL ACRES - PUMP STATION - P05-PS1
Idyll Acres	IDYL023	\$	10,000	\$	-	\$	10,000	IDYLL ACRES - PUMP STATION - P05-PS1
Julanker	JULA029	\$	39,000	\$	-	\$	39,000	JULANKER - SUBSURFACE INFR - CP01-37 x Gravity Connections
Marks Landing	MARK007	\$	13,000	\$	-	\$	13,000	MARKS LANDING - TREATMENT PLANT - SH01-at WWTP
Morgan Caravan Park	MORG015	\$	5,000	\$	-	\$	5,000	MORGAN CARAVAN PARK - PUMP STATION/TREATMENT PLANT - P03-surge pump to Dam
Morgan Caravan Park	MORG016	\$	5,000	\$	-	\$	5,000	MORGAN CARAVAN PARK - PUMP STATION - P03-pump in caravan park Sump
Morgan Caravan Park	MORG017	\$	5,000	\$	-	\$	5,000	MORGAN CARAVAN PARK - PUMP STATION - P03-pump in caravan park Sump
Old Teal Flat	OLDT009	\$	5,000	\$	-	\$	5,000	OLD TEAL FLAT - TREATMENT PLANT - P03-vortex sump
Pelican Point	PELI018	\$	58,000	\$	-	\$	58,000	PELICAN POINT - IRRIGATION SITE - IR01-9255 m2 Irrigation Site
Old Teal Flat	OLDT007	\$	5,000	\$	-	\$	5,000	OLD TEAL FLAT - TREATMENT PLANT - P03-Irrigation Tank
Teal Flat	TEAL013	\$	9,000	\$	-	\$	9,000	TEAL - TREATMENT PLANT - CMF01-Chain mesh with PA gate
		\$	862,000	\$	-	\$	862,000	

Year 20 - 2045/46

Marks Landing	MARK002	\$	136,000	\$	-	\$	136,000	MARKS LANDING - TREATMENT PLANT - T09-Irrigation Tank
Rob Loxton & Walker Flat	ROBL008	\$	25,000	\$	-	\$	25,000	ROB LOXTON - TREATMENT PLANT - PLC05-Control System
Scotts Creek	SCOT013	\$	20,000	\$	-	\$	20,000	SCOT - IRRIGATION SITE - SF01-stock fence
Teal Flat	TEAL006	\$	11,000	\$	-	\$	11,000	TEAL - TREATMENT PLANT - SH01-Shed/Enclosure
Teal Flat	TEAL012	\$	14,000	\$	-	\$	14,000	TEAL - IRRIGATION SITE - SF01-Farm type
Brenda Park	BREN009	\$	119,000	\$	-	\$	119,000	BRENDA PARK - IRRIGATION SITE - IR01-18850 m1 irrigation area
Idyll Acres	IDYL029	\$	10,000	\$	-	\$	10,000	IDYLL ACRES - TREATMENT PLANT - CMF01-70 metres chain mesh
Old Teal Flat	OLDT004	\$	51,000	\$	-	\$	51,000	OLD TEAL FLAT - TREATMENT PLANT - T06-Irrigation Tank
Bolto	BOLT007	\$	19,000	\$	-	\$	19,000	BOLTO - TREATMENT PLANT - T02-Irrigation Tank (12000lts)
Caurnamont	CAUR005	\$	27,000	\$	-	\$	27,000	CAURNAMONT - TREATMENT PLANT - ES01-Electrical Supply
Caurnamont	CAUR002	\$	52,000	\$	-	\$	52,000	CAURNAMONT - TREATMENT PLANT - T03-Balance/Irrigation Tank
Julanker	JULA001	\$	48,000	\$	-	\$	48,000	JULANKER - PUMP STATION - T07-Julanker Holdings
Rob Loxton & Walker Flat	ROBL006	\$	330,000	\$	-	\$	330,000	ROB LOXTON - TREATMENT PLANT - T11-Receive Tank
		\$	862,000	\$	-	\$	862,000	

Year 21 - 2046/47

Cowirra	COWI011	\$	406,000	\$	-	\$	406,000	Cowirra - Pump Station
Greenways	GREE002	\$	51,000	\$	-	\$	51,000	GREENWAYS - TREATMENT PLANT - T06-Aeration Tank
Julanker	JULA025	\$	7,000	\$	-	\$	7,000	JULANKER - PUMP STATION/TREATMENT PLANT - VF02-At PS 1
Julanker	JULA026	\$	7,000	\$	-	\$	7,000	JULANKER - PUMP STATION/TREATMENT PLANT - VF02-At PS 2

Julanker	JULA010	\$	15,000	\$	-	\$	15,000	JULANKER - PUMP STATION/TREATMENT PLANT - PLC03-At PS 1
Rob Loxton & Walker Flat	ROBL007	\$	330,000	\$	-	\$	330,000	ROB LOXTON - TREATMENT PLANT - T11-GIB-12-406 Aerobic
		\$	816,000	\$	-	\$	816,000	

Year 22 - 2047/48

Blanchetown	BLAN028	\$	218,000	\$	-	\$	218,000	BLANCHETOWN - IRRIGATION SITE - IR01-34680m2 of irrigation area
Bowhill	BOWH026	\$	20,000	\$	-	\$	20,000	BOWHILL - IRRIGATION SITE - SF01-Receive Tank
Julanker	JULA005	\$	48,000	\$	-	\$	48,000	JULANKER - TREATMENT PLANT - T07-Aeration Tank
Julanker	JULA006	\$	48,000	\$	-	\$	48,000	JULANKER - TREATMENT PLANT - T07-Aeration Tank
Julanker	JULA007	\$	52,000	\$	-	\$	52,000	JULANKER - TREATMENT PLANT - T03-Irrigation Tank
Julanker	JULA003	\$	69,000	\$	-	\$	69,000	JULANKER - TREATMENT PLANT - T04-Receive Tank
Julanker	JULA004	\$	69,000	\$	-	\$	69,000	JULANKER - TREATMENT PLANT - T04-Receive Tank
Blanchetown	BLAN006	\$	330,000	\$	-	\$	330,000	BLANCHETOWN - TREATMENT PLANT - T11-Aerobic Tanks
Beaumont	BEAU003	\$	15,000	\$	-	\$	15,000	BEAUMONTS - PUMP STATION - PLC03-PLC in Sump
		\$	869,000	\$	-	\$	869,000	

Year 23 - 2048/49

Beaumont	BEAU020	\$	14,000	\$	-	\$	14,000	BEAUMONTS - IRRIGATION SITE - SF01-Farm Type Fence
Julanker	JULA002	\$	48,000	\$	-	\$	48,000	JULANKER - PUMP STATION - T07-Younghusband Holdings
Blanchetown	BLAN012	\$	25,000	\$	-	\$	25,000	BLANCHETOWN - TREATMENT PLANT - PLC05-Main control PLC
Bowhill	BOWH002	\$	22,000	\$	-	\$	22,000	BOWHILL - TREATMENT PLANT - PLC04-PLC & SMS in WWTP
Bowhill	BOWH003	\$	10,000	\$	-	\$	10,000	BOWHILL - PUMP STATION - PLC02-PLC in Sump

Julanker	JULA009	\$	25,000	\$	-	\$	25,000	JULANKER - PUMP STATION/TREATMENT PLANT - PLC05-at WWTP
Marks Landing	MARK011	\$	10,000	\$	-	\$	10,000	MARKS LANDING - PUMP STATION - PLC02-CAP industries @ SR Hotel sump
Brenda Park	BREN012	\$	27,000	\$	-	\$	27,000	BRENDA PARK - TREATMENT PLANT - AB05-Sinkair
Bolto	BOLT008	\$	8,000	\$	-	\$	8,000	BOLTO - TREATMENT PLANT - SH01-Shed/Enclosure
Bowhill	BOWH012	\$	73,000	\$	-	\$	73,000	BOWHILL - SUBSURFACE INFR - MIP01-5x on Gravity Line
Cowirra	COWI001	\$	12,000	\$	-	\$	12,000	Cowirra - Aerator/Blower Type 3
Idyll Acres	IDYL003C	\$	20,000	\$	-	\$	20,000	IDYLL ACRES - PUMP STATION/TREATMENT PLANT - ES01-Electrical supply
Julanker	JULA012	\$	37,000	\$	-	\$	37,000	JULANKER - PUMP STATION/TREATMENT PLANT - ES01-WWTP to Julanker sump
Julanker	JULA013	\$	9,000	\$	-	\$	9,000	JULANKER - PUMP STATION/TREATMENT PLANT - ES01-connection to sump
Julanker	JULA014	\$	9,000	\$	-	\$	9,000	JULANKER - PUMP STATION/TREATMENT PLANT - ES01-connection to sump
South Punyelroo	SPUN022	\$	28,000	\$	-	\$	28,000	SPUN - TREATMENT PLANT - P03-6 pumps in each PS
Pellaring Flat	PELL006	\$	22,000	\$	-	\$	22,000	SUBSURFACE INFRASTRUCTURE - CP01-22x Gravity Connections. Replace due to vehicle damage.
Pellaring Flat	PELL013	\$	4,000	\$	-	\$	4,000	SUBSURFACE INFRASTRUCTURE - RM04-50 mts @ 63m poly. Issues with trenches.
Scrubby Flat	SCRU007	\$	16,000	\$	-	\$	16,000	RM01-Irrigation line, Rising Main 100mm. Irrigation line. Steel pipe is a concern relating to condition.
Blanchetown	BLAN005	\$	330,000	\$	-	\$	330,000	BLANCHETOWN - TREATMENT PLANT - T11-Aerobic Tanks
Bowhill	BOWH013	\$	15,000	\$	-	\$	15,000	BOWHILL - SUBSURFACE INFR - MIP02-Pumpstation
Idyll Acres	IDYL028	\$	21,000	\$	-	\$	21,000	IDYLL ACRES - IRRIGATION SITE - SF01-732 mtrs stock fence
Caurnamont	CAUR010	\$	27,000	\$	-	\$	27,000	CAURNAMONT - TREATMENT PLANT - AB05-Aerator/Blower

Bowhill	BOWH031	\$	11,000	\$	-	\$	11,000	BOWHILL - TREATMENT PLANT - TC01-Iron Roof
Morgan Caravan Park	MORG018	\$	10,000	\$	-	\$	10,000	MORGAN CARAVAN PARK - PUMP STATION - PLC02-cap industries
		\$	833,000	\$	-	\$	833,000	

Year 24 - 2049/50

Blanchetown	BLAN027	\$	259,000	\$	-	\$	259,000	BLANCHETOWN - SUBSURFACE INFR - CP01-247 connection points - Pressurised - 2 NRV
Bowhill	BOWH032	\$	11,000	\$	-	\$	11,000	BOWHILL - TREATMENT PLANT - TC01-Iron Roof
Caloote	CALO020	\$	11,000	\$	-	\$	11,000	CALOOTE - TREATMENT PLANT - TC01-Irrigation tank new roof
Morgan Caravan Park	MORG007	\$	25,000	\$	-	\$	25,000	MORGAN CARAVAN PARK - TREATMENT PLANT - PLC05-Control system / Alarm
Morgan Caravan Park	MORG022	\$	7,000	\$	-	\$	7,000	MORGAN CARAVAN PARK - PUMP STATION/TREATMENT PLANT - VF02-chlorine filter McBern
Pelican Point	PELI016	\$	8,000	\$	-	\$	8,000	PELICAN POINT - TREATMENT PLANT - SH01-Shed/Enclosure
South Punyelroo	SPUN32	\$	191,000	\$	-	\$	191,000	SPUN - SUBSURFACE INFR - MIP02-13 x Inspection Points in roadway
Scotts Creek	SCOT003	\$	69,000	\$	-	\$	69,000	SCOT - TREATMENT PLANT - T04-irrigation tank 22000ltr
South Punyelroo	SPUN033	\$	9,000	\$	-	\$	9,000	SPUN - SUBSURFACE INFR - MIP01-3x located in roadway
Brenda Park / Morphett	NEW			\$	133,000	\$	133,000	Trafficable Lids x133
Blanchetown	BLAN011	\$	7,000	\$	-	\$	7,000	BLANCHETOWN - TREATMENT PLANT - SH01-Receiveal Tank
Truro	TRUR018	\$	153,000	\$	-	\$	153,000	TRUR - SUBSURFACE INFR - CP01-CONNECTION POINTS
		\$	750,000	\$	133,000	\$	883,000	

Year 25 - 2050/51

Scotts Creek	SCOT001	\$	330,000	\$	-	\$	330,000	SCOT - TREATMENT PLANT - T11-Receive Tank 107KL
Blanchetown	BLAN024	\$	22,000	\$	-	\$	22,000	BLANCHETOWN - IRRIGATION SITE - SF01-Stock fence
South Punyelroo	SPUN016	\$	27,000	\$	-	\$	27,000	SPUN - TREATMENT PLANT - AB05-sinkair 300 roof mount
South Punyelroo	SPUN017	\$	27,000	\$	-	\$	27,000	SPUN - TREATMENT PLANT - AB05-sinkair 300 roof mount
Blanchetown	NEW			\$	100,000	\$	100,000	Trafficable Lids x100
Pellaring Flat	PELL005	\$	75,000	\$	-	\$	75,000	SUBSURFACE INFRASTRUCTURE - RM03-1040 Mts @ 40mm poly
Scotts Creek	SCOT002	\$	330,000	\$	-	\$	330,000	SCOT - TREATMENT PLANT - T11-FA-10-289 Aerobic
		\$	811,000	\$	100,000	\$	911,000	

Year 26 - 2051/52

Rob Loxton & Walker Flat	ROBL020	\$	158,000	\$	-	\$	158,000	ROB LOXTON - SUBSURFACE INFR - CP01-151x connection points - 40mm valve 2x bar
Scotts Creek	SCOT016	\$	85,000	\$	-	\$	85,000	SCOT - IRRIGATION SITE - IR01-Irrigation site 13500m2
Teal Flat	TEAL015	\$	67,000	\$	-	\$	67,000	TEAL - IRRIGATION SITE - IR01-10600 m2 Irrigation area
North Punyelroo	NPUN003	\$	15,000	\$	-	\$	15,000	NORTH PUNYELROO - SUBSURFACE INFR - CP01-2 NR Valves 1 valve & 1 test point
Old Teal Flat	OLDT016	\$	12,000	\$	-	\$	12,000	OLD TEAL FLAT - SUBSURFACE INFR - CP01-11x 100mm Gravity points
Blanchetown	BLAN007	\$	136,000	\$	-	\$	136,000	BLANCHETOWN - TREATMENT PLANT - T09-Irrigation Tank
Blanchetown	BLAN004	\$	330,000	\$	-	\$	330,000	BLANCHETOWN - TREATMENT PLANT - T11-Receive Tank
Teal Flat	TEAL014	\$	74,000	\$	-	\$	74,000	TEAL - SUBSURFACE INFR - CP01-71 x connection pts - 2 brass springs barrel unio
Swan Reach	SWAN010	\$	8,000	\$	-	\$	8,000	SWAN - IRRIGATION SITE - SF01-stock fence
		\$	885,000	\$	-	\$	885,000	

Total

\$ 21,264,000	\$	2,589,000	\$ 23,853,000
----------------------	-----------	------------------	----------------------

Note: Updated July 2027 all figures expressed at 2024/25 amounts

APPENDIX B: SPECIAL OPERATING; UNDERTAKE CAPACITY & CAPABILITY ASSESSMENT CWMS SITES

2025-26	2026-27	2027-28	2028-29
Bowhill	Teal Flat	Big Bend	Cowirra
Blanchetown	South Punyelroo	Idyll acres	Five Mile/Kia Marina
Scotts Creek	Younghusband	Swan Reach	Greenways Landing
Pelican Point	Caloote		Kroehns Landing
Walker Flat	Bolto		North Punyelroo
Morgan Caravan Park	Northwest Bend		Old Teal Flat
			Scrubby Flat
			Seven Mile
			The Rocks
			Truro