



# Stormwater Asset Management Plan Summary

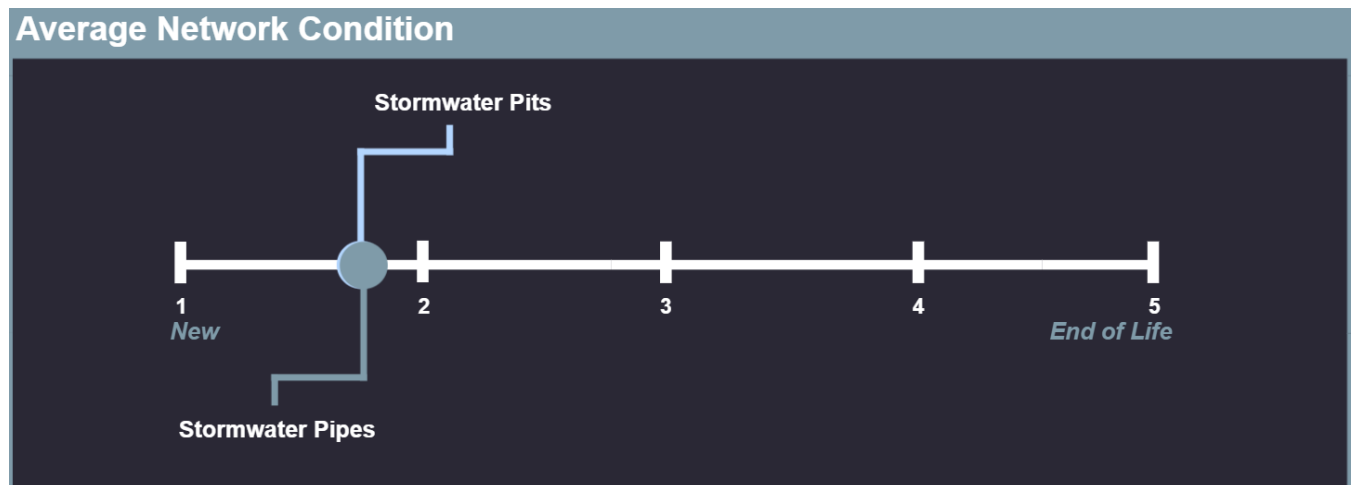
City of Mitcham  
2020



# Overview

This Asset Management Plan details the extent, condition and value of the City of Mitcham's stormwater assets and outlines the plan for the next 10 years to sustainably manage and develop the network. It has been developed with a focus on sharing Council's available data, particularly from a spatial perspective, for the benefit of readers when understanding how our community assets are managed.

The Stormwater network is extensive and difficult to access, and as such condition data is not known for the entire network. Council has a high level of confidence for the attribute and financial data used within this Asset Management Plan, and also for the condition data of high risk stormwater assets as these are monitored with CCTV technology. There is an average level of confidence for the condition data of the wider stormwater network as these records are incomplete. For the preparation of the digital Asset Management Plan a combination of condition and asset age has been used to determine renewal funding forecasts. Condition audits for stormwater assets are ongoing and the data will be updated as further information becomes available.

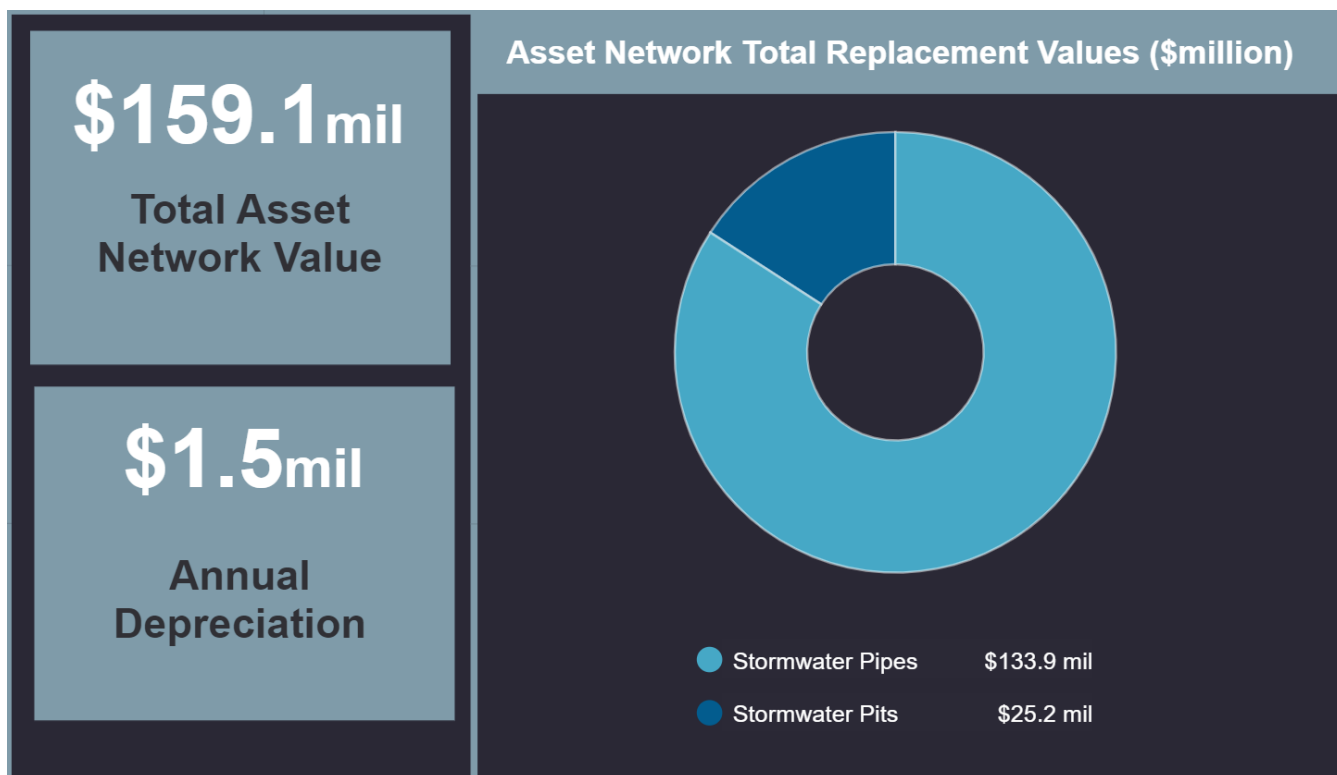


# Asset Network

At the core of our stewardship we construct, operate, maintain, renew and upgrade these assets in line with our Asset Management Plans and community expectations. All assets have unique properties and requirements, and as such this Asset Management Plan has differentiated between pits and pipes where appropriate.

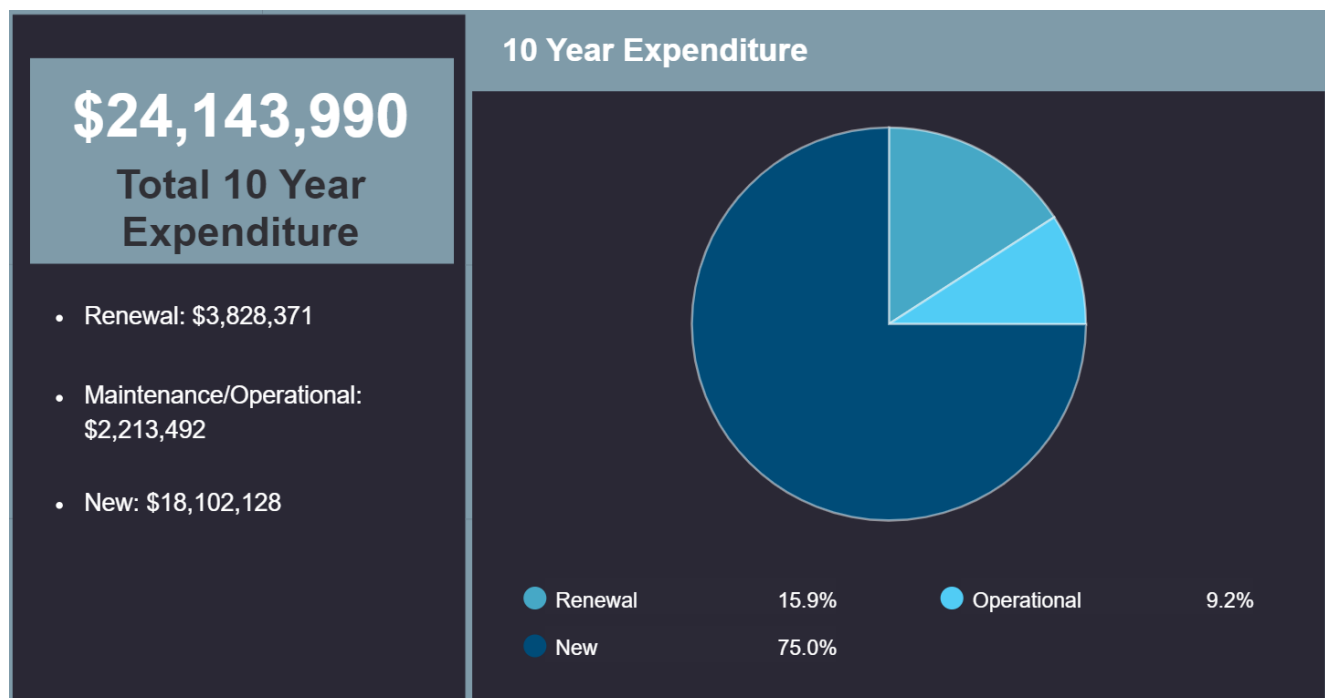
A majority of Council's stormwater systems in the urban areas were constructed in the 1950s and 1960s as part of the State Government's South Western Suburbs Drainage Scheme initiative, and either discharge into the Sturt River channel to the west through Marion Council, or to Brownhill Creek. There are a number of major drains along arterial roads that are significantly older, at 70 to 80 years of age.

The replacement value of our assets is the product of the measured asset extent (lin. m, m2, m3, or no. of items) and the calculated unit rate. This rate is the cost per unit to replace the asset. It includes removal of the existing asset and construction of the new asset. It is determined from a combination of known project rates, industry standards and first principles, and is audited on a regular basis.



# 10 Year Plan

The budgeted funding to provide the services covered within this Asset Management Plan is on average \$2,414,399 per year, for the Stormwater asset network. This includes operations, maintenance, renewal, upgrade and disposal of existing assets, as well as contributions to the Brown Hill Keswick Creek project over the next 10 years. Details of the annual budgets, impacted assets and resultant network condition can be found in the digital Stormwater Asset Management Plan.



**Future Demands**

- Population growth
- Changing demographics
- Increased traffic needs
- Climate change impacts

**Core Risks**

- Knowledge of complete asset network extents
- Adequacy of available funding for sustainable management
- Understanding of community desires regarding service levels
- Accuracy of technical data for decision making

**Key Improvements**

- Identification of unrecorded assets
- Community consultation regarding service levels
- Quantification of climate change impacts on assets
- Refinement of strategic asset management direction

# Detailed Asset Expenditure

The renewal, operations & maintenance, and new expenditure budgets for the next 10 year period are tabulated below.

For further detail on how Council's stormwater assets are sustainably managed within these budgets please refer to the interactive digital Asset Management Plan.

Financial Year	Renewal Expenditure	Maintenance Expenditure	New Expenditure	Total Expenditure
2020/21	\$395,000	\$221,349	\$2,345,791	\$2,962,140
2021/22	\$0	\$221,349	\$1,728,381	\$1,949,730
2022/23	\$0	\$221,349	\$1,770,720	\$1,992,069
2023/24	\$0	\$221,349	\$1,904,548	\$2,125,897
2024/25	\$572,228	\$221,349	\$1,734,345	\$2,527,923
2025/26	\$572,228	\$221,349	\$1,723,669	\$2,517,246
2026/27	\$572,228	\$221,349	\$1,723,669	\$2,517,246
2027/28	\$572,228	\$221,349	\$1,723,669	\$2,517,246
2028/29	\$572,228	\$221,349	\$1,723,669	\$2,517,246
2029/30	\$572,228	\$221,349	\$1,723,669	\$2,517,246