

Overview of the Pump Stations Asset Management Plan 2020

The strategic review of what it costs to maintain our assets today, while preparing for the costs and expectations of the future

Total Replacement Cost

\$26.3M*

* Written down cost \$17.7M

Pump Stations

12

RISK MANAGEMENT

Rising main blocked or collapsed during major storm event.

FUTURE DEMAND

Reduced surface permeability due to urban infill.

SERVICE DEMAND

Flood modelling to determine if Pump Stations are required and at what capacity.

CLIMATE CHANGE

Average rainfall will decrease, while rainfall intensity will increase.

CITY PLAN

Economy, Community, Environment, Place Making, Leadership

LIFECYCLE COSTS

Annual Deprecation **\$610K**
Routine Maintenance

Long Term Financial Projections: Values in Present Value not allowing for CPI

Capital Renewal

\$312K

initial 5 year average

Upgrade

\$200K (Year 1)

3 major projects currently under review

Maintenance

\$163K

per year



CITY OF
Port Adelaide Enfield

Informing the Long Term Financial Plan (LTFP)

This AMP has been developed in consideration of the City Plan 2030, which under the Leadership theme requires value for the rate dollar, identifies the need to be accountable by striving for community satisfaction of services through engaging with people, relevant organisations and businesses.

Asset Renewal Funding (ARF) ratio = 109%

Capital Renewal and Maintenance

From an operational sense, this AMP demonstrates that Council staff have a high level of confidence in understanding what and when components within each Pump Station need to be replaced and at what cost. This level of knowledge has been gained through the active capture of condition data and a significant focus on infrastructure improvement projects within recent years. Understanding the needs of each Pump Station has resulted in a high level of maturity in projecting future capital and maintenance expenditure across the 10 year planning period.

The 109% ARF ratio suggests that Council is budgeting slightly above our renewal requirement, which is to ensure the successful operation of this critical asset type.

Capital New/Upgrade

There are 3 major projects that have not been accounted for within this Plan that have the potential to add approximately \$25M of project work to our Long Term Financial Plan (LTFP). However as these projects have not yet been work shopped with Elected Members or formalised through a Council report, the future costs of these projects have not been included within this AMP's 10 year capital and maintenance projections.

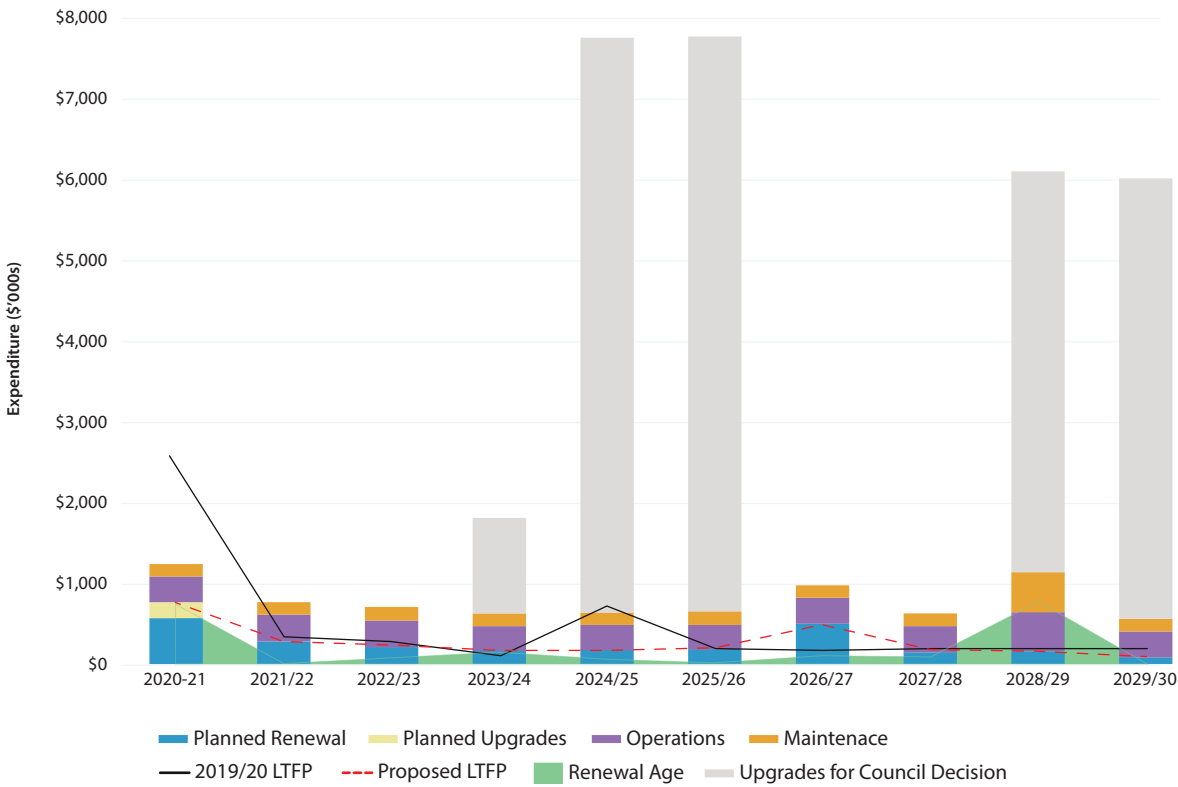
Should these Pump Stations be constructed, Councils operating and maintenance costs will proportionally increase.

Financial Summary All Dollar Values are in \$'000s

Year End 30 June	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30
Operations	\$318	\$322	\$322	\$322	\$322	\$322	\$322	\$322	\$322	\$322
Maintenance	\$160	\$163	\$163	\$163	\$163	\$163	\$163	\$163	\$163	\$163
Projected Capital Renewal	\$717	\$290	\$230	\$155	\$170	\$175	\$500	\$155	\$160	\$82
Capital Upgrade/New	\$200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Please note that the above figures are in present value, and are subject to CPI increase each year.

Projected Maintenance and Capital Expenditure for LTFP



The red dashed line depicts the projected expenditure from the 2020 AMP review, which is the combined total Capital expenditure per year. The black line is the 2019/20 LTFP projection. The grey bars identify the Midlunga, Jetty Rd, and Wellington St Pump Station new and upgrade projects that have not been included in the budget forecasts. These projects are to be presented to Council for approval.