

Overview of South Wairarapa District Council's Three Waters Renewals

Handout for Activity 1: Getting the renewal level right (Workshop 21 September 2023)

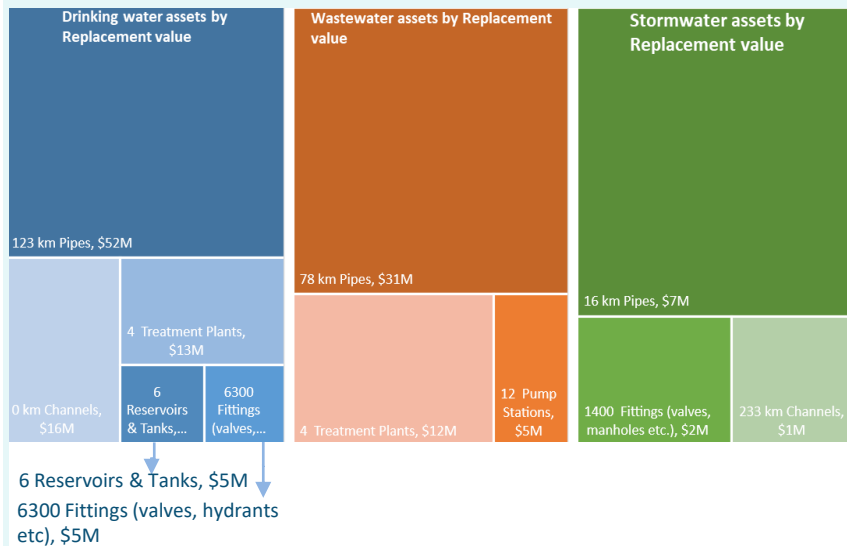
VALUE OF SOUTH WAIRARAPA'S THREE WATERS ASSETS

Optimised Replacement Value of SWDC's three waters assets*:

Drinking Water	\$90M
Wastewater	\$48M
Stormwater	\$11M

TOTAL Three Waters \$148M

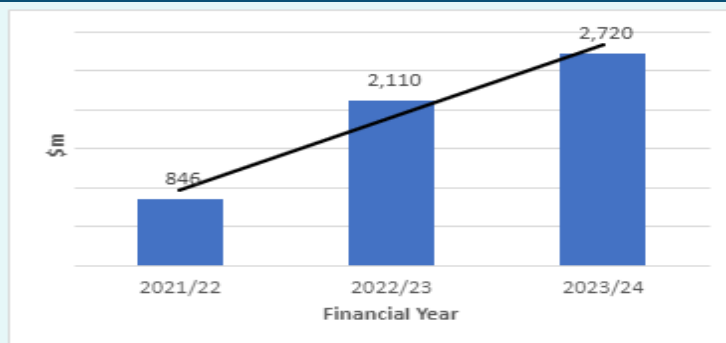
*Optimised Replacement Value reflects the current and most economic cost of replacing an asset that provides a similar level of capacity and/or service.



Figures based on:

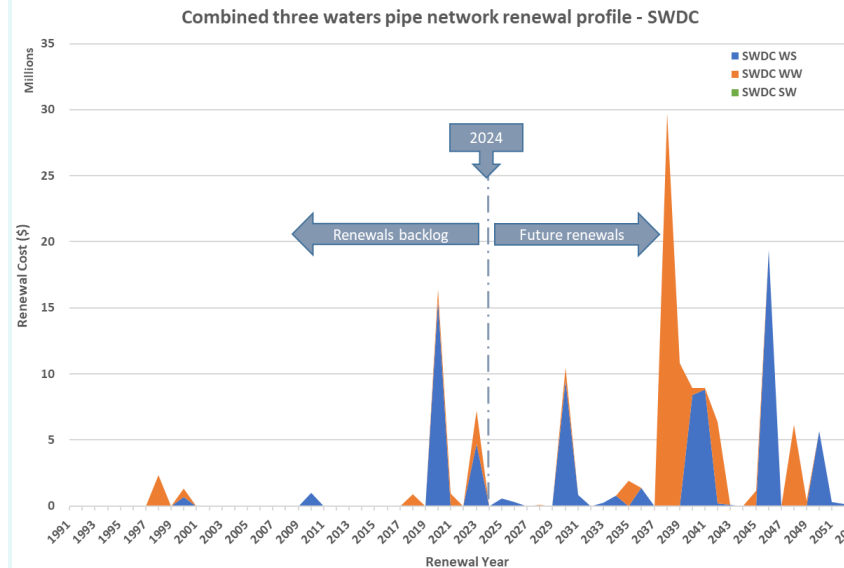
- March 2023 Asset quantities
- SWDC 2022 Valuation update (WSP)

YEAR-ON-YEAR RENEWALS INVESTMENT



BACKLOG OF RENEWALS

Pipes



Total length of SWDC's pipe assets	209Km
% Critical	26%
% Non-critical	74%
Length needing replacement within the next 30 years (excl. laterals)	77.2km (37%) (~\$147M)
Average replacement length needed per year (excl. laterals)	2.6km (~\$5.046M)

Pump Stations (all waters)

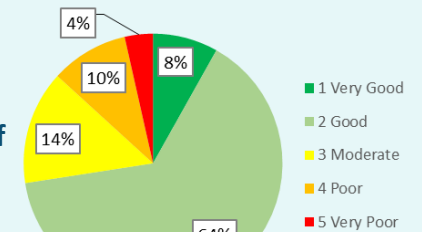
Renewals Backlog	\$1.08M
Renewals required within the next 30 years (incl. backlog)	\$2.453M

CONDITION

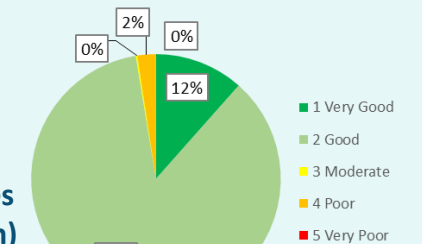
100% of SWDC's three waters pipe network has had a criticality assigned and condition assessed either via physical or desktop assessment.

Critical Assets

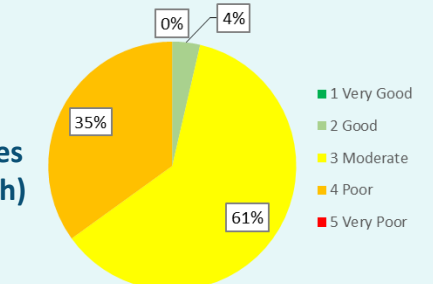
Critical drinking water pipes (% of total length)



Critical wastewater pipes (% of total length)



Critical stormwater pipes (% of total length)



Reservoirs (5)

Note, reservoirs based on structural assessment and excludes contamination risks

