

25 August 2025

**LGOIMA 25-154**

Hutt City Council  
[informationrequests@huttcity.govt.nz](mailto:informationrequests@huttcity.govt.nz)

Tēnā koe,

**Request for information**

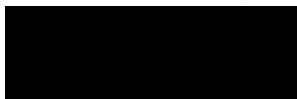
Thank you for your request of 28 July 2025, where you asked Wellington Water to help provide information for a response. You asked for information on the following:

6. *Number of water pipes replaced over the last three years and the total cost involved.*
7. *An estimate of how many pipes urgently need replacement in the near term*

The response to your questions are available in the appendix on the next page.

If you wish to discuss this decision with us, please feel free to email us at [official.information@wellingtonwater.co.nz](mailto:official.information@wellingtonwater.co.nz)

Nāku noa, nā



**Chief Strategy and Planning Officer**

## APPENDIX

### 6. Number of water pipes replaced over the last three years and the total cost involved.

There are several different ways of calculating lengths of water pipes replaced. Table 1 has been prepared using data from InfoAsset Manager, which confirms the changes made to updated pipe asset data records.

	Drinking (Potable) water	Wastewater	Stormwater	Total
<b>Number of Pipes</b>	1680	235	23	1938
<b>Length of Pipes (km)</b>	17.82	8.65	0.57	27.04

Table 1 – Water Pipes replaced (InfoAsset Manager)

Please note, to see the context and limitations to the above data, please see *Appendix 1*.

Table 2 has been prepared using information from our Capital Delivery programme management team and shows records of pipes installed by this team over the period. Noting that not all these records will be included within InfoAsset Manager at this time, and that a proportion of replacements are delivered as part of business-as-usual activity completed by the service delivery teams in responding to network leaks, breaks and failures (reactive renewals).

Financial year	2022-23	2023-24	2024-25	Total
<b>Metres of pipe renewed/laid</b>	14,531	15,280	9,355	39,166
<b>Cost \$000</b>	49,720	47,627	27,803	125,150

Table 2 – Metres of pipe laid and costs for planned capital delivery projects.

### 7. An estimate of how many pipes urgently need replacement in the near term

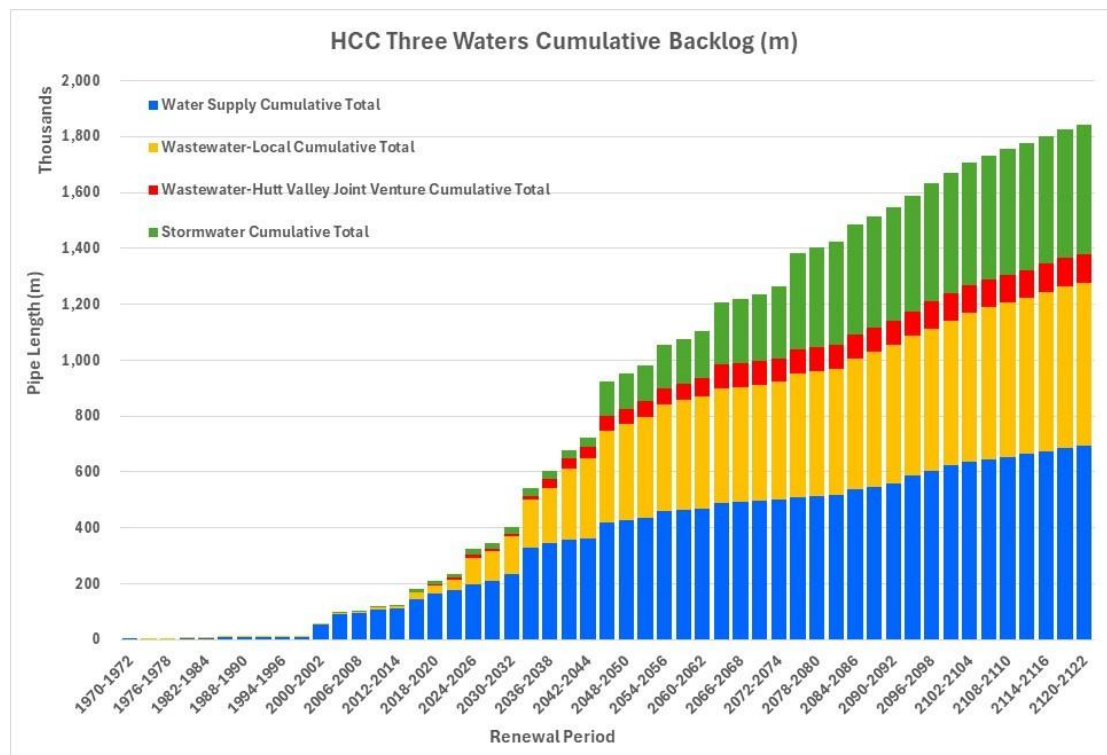
Wellington Water prepared a pipe renewal (i.e. replacement) profile to advise the preparation of the HCC Long Term Plan 2024. The profile considers the theoretical economic life of pipes based on their materials and diameter.

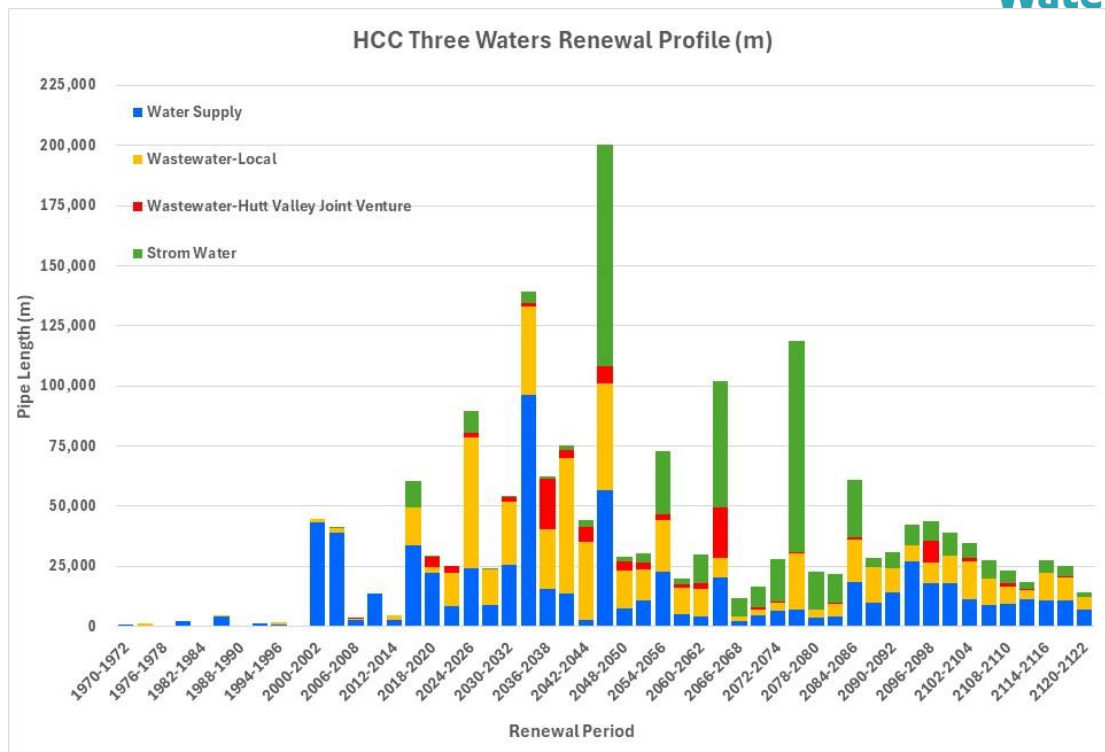
The profile is presented below. This shows a backlog of 233,521 metres of pipes - those which have exceeded their theoretical economic lives and are awaiting renewal - as at the end of June 2024, and a forecast of a further 89,762 metres of pipes for the near-term period 2024-2026, for a cumulative total of 323,283 metres of pipes across all water types.

#### Pipe renewal profile advice to the HCC LTP 2024

Renewal Period	Water Supply (m)	Wastewater -Local (m)	Wastewater-Hutt Valley Joint Venture (m)	Stormwater (m)	Total for Three Waters (m)	Three Waters Backlog (m)
Backlog as at 2023/24	175,506	39,752	6,872	11,391	233,521	233,521

2024-2026	24,121	54,585	1,747	9,308	89,762	323,283
2027-2029	8,939	14,658	14	452	24,063	347,346
2030-2032	25,875	25,958	1,952	91	53,876	401,222
2033-2035	96,343	36,685	1,520	4,832	139,381	540,603
2036-2038	15,421	25,225	20,958	795	62,398	603,001
2039-2041	13,653	56,457	3,167	1,882	75,159	678,160
2042-2044	2,683	32,542	6,196	2,921	44,342	722,502
2045-2047	56,770	44,298	7,253	92,157	200,477	922,979
2048-2050	7,277	16,113	3,622	1,878	28,890	951,869
2051-2053	10,845	12,774	3,123	3,554	30,296	982,164
From 2054	255,912	224,989	44,487	334,297	859,684	1,841,849
<b>Grand Total</b>	<b>693,345</b>	<b>584,036</b>	<b>100,911</b>	<b>463,556</b>	<b>1,841,849</b>	-





Please note: There is subjectivity in the question - "An estimate of how many pipes urgently need replacement in the near term". The subjectivity relates to use of the word "urgently".

As you will see we have presented the data for all pipes past their expected lives and at risk of failure. Whether you consider all these pipes as urgently needing replacement (renewal) depends on perspective.

Ratepayers may well expect all these pipes urgently need renewal, so they continue to receive reliable 3 waters services.

Unfortunately, council budgets don't allow for the full renewal of these pipes, so Wellington Water prioritise pipes for renewal based on their condition, criticality, and confidence. Condition relates to the ability of the pipe to continue to perform its purpose. Criticality considers the impact of its failure on the wider community and the environment. Confidence relates to the information we have for the pipes. We use these factors to help develop our work programmes for pipe renewal and justify to councils where their available budget should be spent.