

Water service delivery overview – Upper Hutt City Council

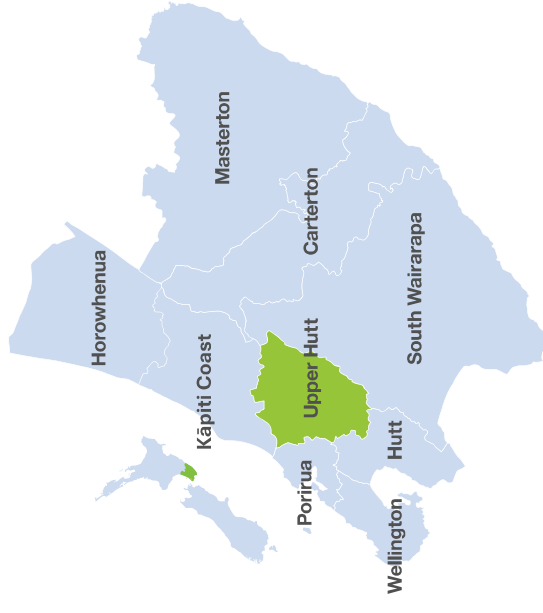
Council overview

- Upper Hutt enjoys the character of a small city, while having the second largest land area of a city council in New Zealand. Easy access to an expansive natural environment featuring Te Awa Kairangi/Hutt River, regional parks and hills surrounding the city is part of our identity.
- Upper Hutt is a family-oriented city, with spacious suburban housing development occupying around 3.24% of the land area, encompassed by treasured open spaces. Traditionally a commuter city with over half of the people working outside the city, the local economy is growing and diversifying including new commercial developments and niche industry hubs.
- Upper Hutt encompasses an area of **54,000 hectares**
- **5 major waterways** The Whakatikei, Akatārawa, Pākuratahi and Mangaroa rivers feed Te Awa Kairangi/Hutt River, which flows into Te Whanganui-a-tara Wellington Harbour.



POPULATION
48,240 (2024)

- Projected population of **64,238** for **2054**.



Water asset information (current state)



RETICULATION
281km of water supply mains
226km of wastewater pipes
155km of stormwater pipes



STATIONS
9 water supply pipes
17 wastewater pipes
7 stormwater pump stations



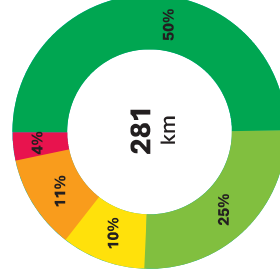
TREATMENT ASSETS

- All wastewater is collected and treated via the Hutt Valley joint venture system.
- Water is supplied via a bulk water main from treatment facilities owned by the Greater Wellington Regional Council

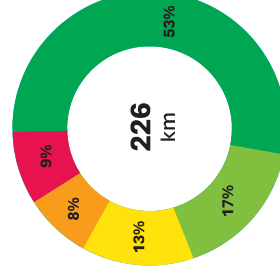


REPLACEMENT VALUE
Combined replacement value
\$1.464b ORC (30 June 2024)

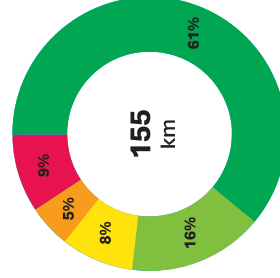
Water asset condition (current state)



WATER SUPPLY



WASTEWATER



STORMWATER

Excellent Good

Average

Poor

Very Poor

Not assessed

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Water challenges and projects

Type	Key water risks, issues and challenges for the next ten years	Top priority projects / key planned investments in water for the next ten years
3W general	- Significant and growing renewals backlog in drinking water and wastewater. - New environmental quality standards require very high investment to achieve wastewater and stormwater consent compliance. - Population growth is ahead of three waters infrastructure provision. Major investment is needed, especially in the wastewater network to enable growth to occur.	Critical assets: 7 pump stations Our pipes are critical assets in the three waters network – approximately 661,700 metres of which around 40% (by length) need replacing in the next 30 years to keep the network operating. Due to the size, type and age of pipes, the wastewater pipe network renewals are the most critical focus area.
Water services	- Water demand and use is outstripping supply due to water loss in the network and growth. - As a bulk water purchaser, Council is a cost and service taker with limited influence over these aspects.	Critical assets: All 16 reservoirs have been identified as high criticality assets and based on condition some require a level of short-term remedial works. - All planned water reservoir upgrades and renewals. - New storage to address level of service deficits and to enable growth. - Pipe renewals.
Wastewater	- Major shared assets need upgrades, including sludge dryer at Seaview WWTP nearing end of life. - Network infiltration and inflows. - Wet weather overflows.	Critical assets: 2km wastewater pipes - Wastewater network overflow consents and subsequent improvements. - Hutt Valley shared asset projects including bulk sewer interceptor improvements (at Petone) and Seaview WWTP and outfall upgrade. - Pipe renewals
Stormwater	Contamination and overflows into waterways.	Critical assets: 24km stormwater - The Pinehaven Stream Improvements Project. - Global stormwater consents and subsequent improvements.



Planned pipe replacement To be confirmed



Compliance issues



DRINKING WATER STANDARDS



WASTEWATER STANDARDS



STORMWATER STANDARDS