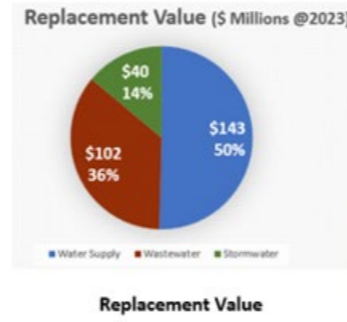
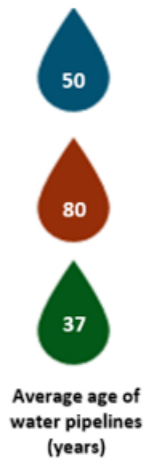




## Three Waters: Water, Wastewater & Stormwater



Area	4,365 Km <sup>2</sup>
Population	19,050
Residential Properties	8,117
Residential water connections	5,085
Non-residential connections	635
Greenhouse Emission Targets	No target

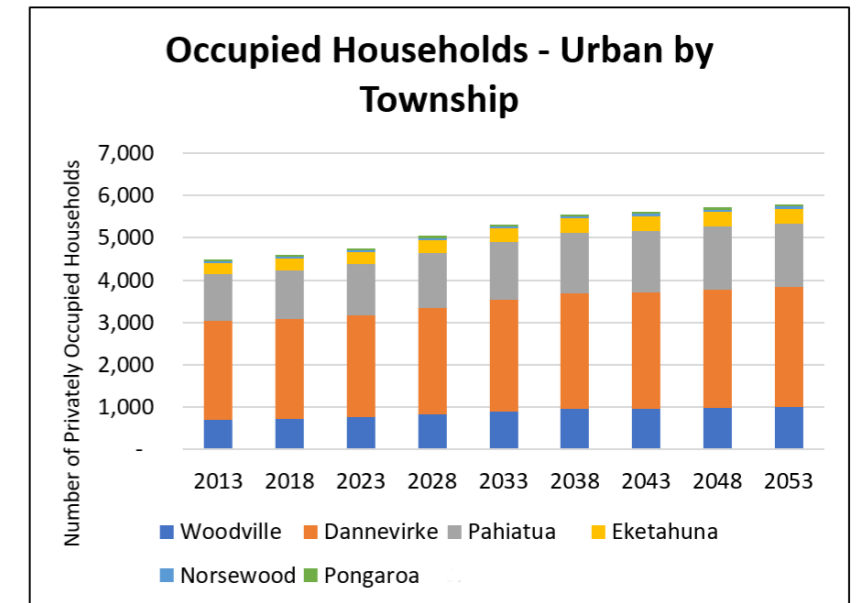


Overall data confidence and reliability rating: **Medium to high** : Council has an overall average data confidence score of **71.7/100** (100 is excellent).

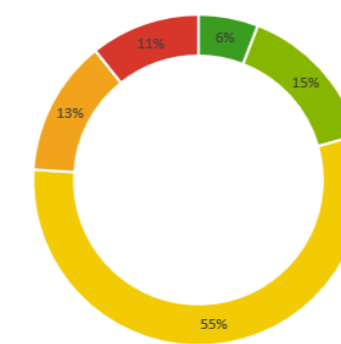
Water Supply: <b>Seven</b> treatment plants	Wastewater System: <b>Seven</b> treatment sites	Stormwater System: <b>Four</b> town systems																																						
<p>Water treatment varies between schemes, including:</p> <p>Chlorine, multimedia, microfiltration, ultraviolet, and combinations of these, comprising:</p> <ul style="list-style-type: none"> <li>267 kilometres of water supply pipelines</li> <li>47 kilometres of laterals</li> <li>8 water intakes including 2 bores</li> <li>.14 reservoirs, 1 pump station</li> </ul>	<p>Wastewater is treated including:</p> <p>Screening, removal of dissolved solids, ponds and aeration, microfiltration, and ultraviolet. It is then discharged to land and/or waterways, ultimately discharging to the ocean, comprising:</p> <ul style="list-style-type: none"> <li>95 kilometres of wastewater pipeline</li> <li>1,100 maintenance chambers</li> <li>21 sewer pump stations</li> </ul>	<p>The stormwater network including:</p> <p>An urban network of pipes and open channel drains operate to safely direct stormwater (SW) to inland streams and to the ocean, comprising:</p> <ul style="list-style-type: none"> <li>28 kilometres of stormwater pipelines</li> <li>26 kilometres of open channel drains and streams</li> <li>1,160 maintenance chambers and sumps</li> </ul>																																						
<p><b>Water Renewals</b></p> <p><b>Summary</b></p> <table border="1"> <thead> <tr> <th>Summary</th> <th>Length (metres)</th> </tr> </thead> <tbody> <tr> <td>1 Dannevirke</td> <td>42,106</td> </tr> <tr> <td>2 Woodville</td> <td>17,452</td> </tr> <tr> <td>3 Pahiatua</td> <td>4,044</td> </tr> <tr> <td>4 Eketahuna</td> <td>1,674</td> </tr> <tr> <td>5 Norsewood</td> <td>102</td> </tr> <tr> <td><b>Total Water Renewals</b></td> <td><b>65,377</b></td> </tr> </tbody> </table>	Summary	Length (metres)	1 Dannevirke	42,106	2 Woodville	17,452	3 Pahiatua	4,044	4 Eketahuna	1,674	5 Norsewood	102	<b>Total Water Renewals</b>	<b>65,377</b>	<p><b>Wastewater Renewals</b></p> <p><b>Summary</b></p> <table border="1"> <thead> <tr> <th>Summary</th> <th>Length (metres)</th> </tr> </thead> <tbody> <tr> <td>1 Dannevirke</td> <td>10,513</td> </tr> <tr> <td>2 Woodville</td> <td>3,772</td> </tr> <tr> <td>3 Pahiatua</td> <td>3,419</td> </tr> <tr> <td>4 Eketahuna</td> <td>80</td> </tr> <tr> <td><b>Total Wastewater Renewals</b></td> <td><b>17,785</b></td> </tr> </tbody> </table>	Summary	Length (metres)	1 Dannevirke	10,513	2 Woodville	3,772	3 Pahiatua	3,419	4 Eketahuna	80	<b>Total Wastewater Renewals</b>	<b>17,785</b>	<p><b>Stormwater Renewals</b></p> <p><b>Summary</b></p> <table border="1"> <thead> <tr> <th>Summary</th> <th>Length (metres)</th> </tr> </thead> <tbody> <tr> <td>1 Dannevirke</td> <td>2,180</td> </tr> <tr> <td>2 Woodville</td> <td>512</td> </tr> <tr> <td>3 Pahiatua</td> <td>1,638</td> </tr> <tr> <td>4 Eketahuna</td> <td>1,175</td> </tr> <tr> <td><b>Total Stormwater Renewals</b></td> <td><b>5,504</b></td> </tr> </tbody> </table>	Summary	Length (metres)	1 Dannevirke	2,180	2 Woodville	512	3 Pahiatua	1,638	4 Eketahuna	1,175	<b>Total Stormwater Renewals</b>	<b>5,504</b>
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### Forecast Household Growth

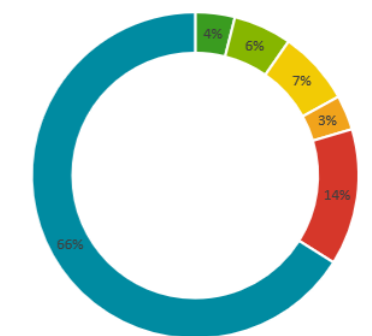
(No allowance has been made for climate induced net migration gains)



### Water Supply - Below Ground Asset Condition

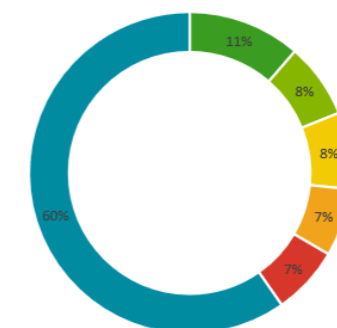


### Wastewater - Below Ground Asset Condition



Legend: Excellent, Good, Average, Poor, Very Poor, Not assessed

### Stormwater - Below Ground Asset Condition



Legend: Excellent, Good, Average, Poor, Very Poor, Not assessed

### Ten Year Cost Forecasts – Long Term Plan (fully audited)

#### All Three Waters and Locations

To meet additional demand	Growth	\$12
To improve the level of service	Level of Service	\$34
To replace existing assets	Renewals	\$91
<b>This Draft Long-Term Plan</b>		<b>\$137</b>

Total	Year 1 *	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	30/06/2025	30/06/2026	30/06/2027	30/06/2028	30/06/2029	30/06/2030	30/06/2031	30/06/2032	30/06/2033	30/06/2034
\$ Millions	\$M	\$M	\$M	\$M	\$M	\$M	\$M	\$M	\$M	\$M
	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34
	\$1	\$2	\$1	\$2	\$1	\$2	\$1	\$2	\$0	\$0
	\$3	\$7	\$5	\$7	\$7	\$1	\$1	\$1	\$1	\$1
	\$10	\$10	\$10	\$14	\$7	\$8	\$12	\$6	\$8	\$6
	<b>\$14</b>	<b>\$19</b>	<b>\$16</b>	<b>\$23</b>	<b>\$15</b>	<b>\$11</b>	<b>\$14</b>	<b>\$9</b>	<b>\$9</b>	<b>\$7</b>