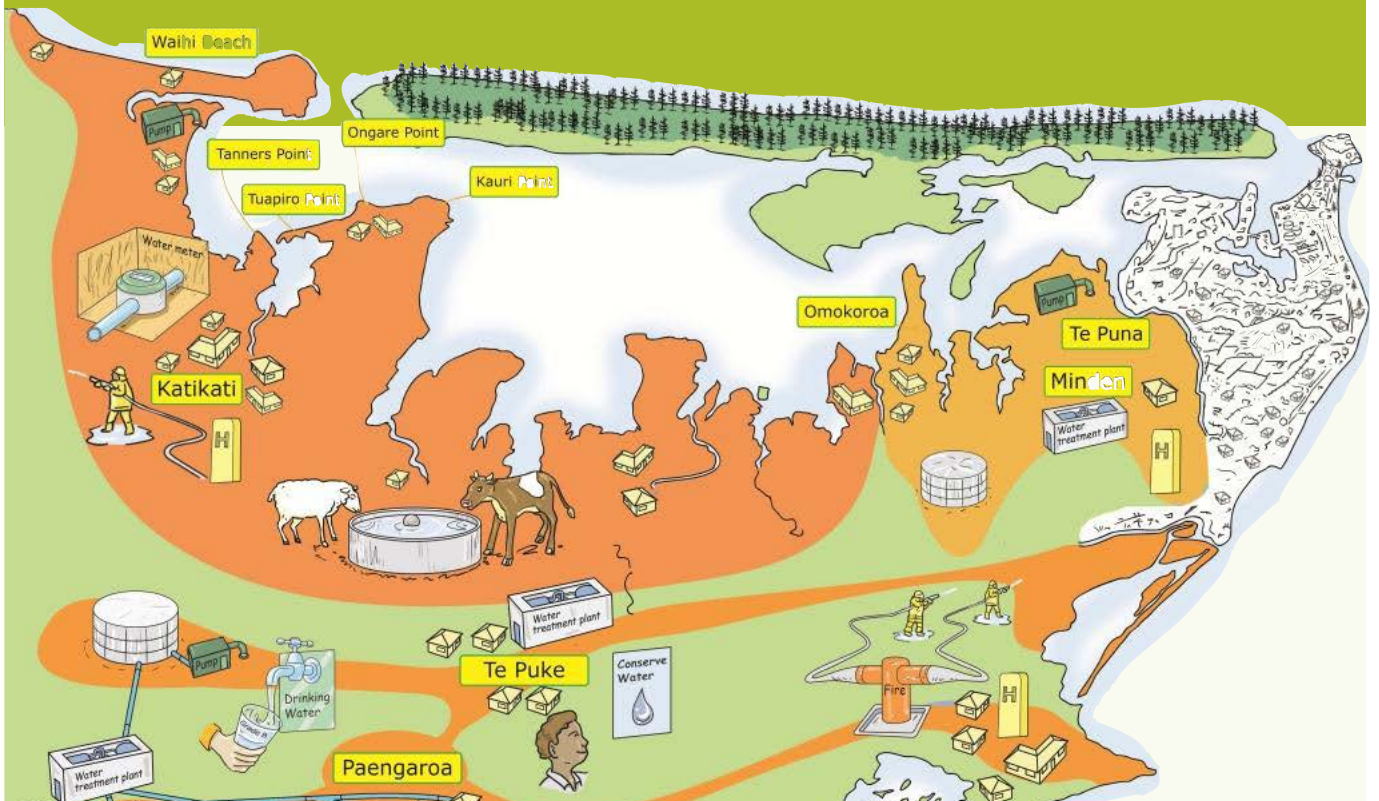


# WATER SUPPLY



# WATER SUPPLY

## Overview

This activity supplies potable (drinking) water to approximately 37,000 people in our District through the water infrastructure operating in the Western, Central and Eastern supply zones. We have a varied customer base including residential, commercial, horticultural and agricultural users.

Water treatment, storage and distribution are provided in each of the supply zones. Through the operation and maintenance of the treatment plants, pumping stations, reservoirs and the reticulation network. Water is delivered to our community through 14,000 connections.

### Our community outcome

Water supply is provided to our Community in a sustainable manner

### Our goals

- 1 Provide potable water of an appropriate standard and quality to meet the needs of consumers within the three supply zones
- 2 Sustainably manage our water resource, water supply infrastructure and consumer use of water across the three supply zones

## How we will track progress towards our goals

Goal	We'll know we're meeting our goal if	Target
		2013/14
Provide potable water of an appropriate standard and quality to meet the needs of consumers within the three supply zones  Sustainably manage our water resource, water supply infrastructure and consumer use of water across the three supply zones	For the three supply zones the percentage of Council's treated water supply with a Ministry of Health grading as per the New Zealand Drinking Water Standards 2005 (amended 2008) <b>B or better for treatment</b> <b>b or better for reticulation</b>	<b>100%</b> <b>100%</b>
	Level of resident satisfaction with the quality of Council's water supply as monitored by the Annual Residents' Survey, percentage of residents who are 'very satisfied' and 'satisfied'	<b>≥75%</b>
	In a one-in-50-year drought event the ability to supply water to meet the normal daily water demand (1,100 litres per person per day)	<b>100%</b>
	Ability of reservoirs to provide a minimum of 24 hour average daily demand	<b>100%</b>
	Percentage of eligible properties that are connected to Council's water supply	<b>≥91%</b>

## How we will track progress - levels of service

What we provide	We'll know we're meeting the service if	Target
		2013/14
We will provide good quality water to service growth within the three supply zones	Level of compliance with industry standard (NZ Fire Service Code NZPAS4509:2008) This monitors water supply and pressure	≥95%
	Percentage of year where reservoirs are maintained at a minimum of 50% full, in accordance with Ministry of Health requirements	≥90%
We will monitor sustainable delivery and effectively manage the risks associated with the quality and quantity of the public water supply	Number of times when council's water supply does not comply with resource consents	<5
	Preventable water loss as a percentage of average daily production as monitored through water meters: <ul style="list-style-type: none"> <li>▶ Western Supply Zone*</li> <li>▶ Central Supply Zone*</li> <li>▶ Eastern Supply Zone*</li> </ul> <p>The acceptable range is between 10%-20% of bulk supply based on the International Infrastructure Management Manual v1.0</p> <p><i>*District-wide water meter installation commenced in 2012 and will be completed in 2018</i></p>	≤20% N/A N/A

## Summary financial forecast - Water Supply (District-Wide)

For the year ended 30 June	LTP estimate \$'000 2014	Annual Plan \$'000 2014	Variance 2014
<b>Analysis of expenditure by activity</b>			
Western water supply	3,436	3,359	(77)
Central water supply	2,345	2,326	(19)
Eastern water supply	4,048	4,006	(42)
<b>Total operating expenditure</b>	<b>9,830</b>	<b>9,692</b>	<b>(138)</b>
<b>Analysis of expenditure by class</b>			
Direct costs	3,729	3,627	(102)
Overhead costs	1,635	1,616	(19)
Interest	1,747	1,729	(18)
Depreciation	2,719	2,719	-
<b>Total operating expenditure</b>	<b>9,830</b>	<b>9,692</b>	<b>(138)</b>
<b>Revenue</b>			
Targeted rates	6,095	5,960	135
User fees	2,554	2,441	113
Financial contributions	695	597	99
Vested assets	208	200	8
Other income	-	62	(62)
<b>Total revenue</b>	<b>9,553</b>	<b>9,260</b>	<b>293</b>
<b>Net cost of service – surplus/(deficit)</b>	<b>(277)</b>	<b>(432)</b>	<b>155</b>
<b>Capital expenditure</b>	<b>2,868</b>	<b>2,935</b>	<b>67</b>
<b>Vested assets</b>	<b>208</b>	<b>200</b>	<b>(8)</b>
<b>Total other funding required</b>	<b>(3,353)</b>	<b>(3,567)</b>	<b>215</b>
<b>Other funding provided by</b>			
Debt increase/(decrease)	651	-	651
Reserves and future surpluses	2,701	3,567	(866)
<b>Total other funding</b>	<b>3,353</b>	<b>3,567</b>	<b>215</b>

## Summary financial forecast - Water Supply (Western Water)

For the year ended 30 June	LTP estimate \$'000 2014	Annual Plan \$'000 2014	Variance 2014
<b>Analysis of expenditure by activity</b>			
Western Water	3,436	3,359	(77)
<b>Total operating expenditure</b>	<b>3,436</b>	<b>3,359</b>	<b>(77)</b>
<b>Analysis of expenditure by class</b>			
Direct costs	1,291	1,286	(6)
Overhead costs	623	608	(15)
Interest	572	516	(56)
Depreciation	951	951	0
<b>Total operating expenditure</b>	<b>3,436</b>	<b>3,359</b>	<b>(77)</b>
<b>Revenue</b>			
Targeted rates	2,541	2,470	71
User fees	817	787	30
Financial contributions	256	202	54
Vested assets	104	100	4
Other income	-	15	(15)
<b>Total revenue</b>	<b>3,718</b>	<b>3,574</b>	<b>144</b>
<b>Net cost of service – surplus/(deficit)</b>	<b>282</b>	<b>215</b>	<b>67</b>
<b>Capital expenditure</b>	<b>1,474</b>	<b>1,419</b>	<b>(55)</b>
<b>Vested assets</b>	<b>104</b>	<b>100</b>	<b>(4)</b>
<b>Total other funding required</b>	<b>(1,296)</b>	<b>(1,304)</b>	<b>8</b>
<b>Other funding provided by</b>			
Debt Increase/(decrease)	189	-	189
Reserves and future surpluses	1,107	1,304	(197)
<b>Total other funding</b>	<b>1,296</b>	<b>1,304</b>	<b>(8)</b>

## Summary financial forecast - Water Supply (Central Water)

For the year ended 30 June	LTP estimate \$'000 2014	Annual Plan \$'000 2014	Variance \$'000 2014
<b>Analysis of expenditure by activity</b>			
Central Water	2,345	2,326	(19)
<b>Total operating expenditure</b>	<b>2,345</b>	<b>2,326</b>	<b>(19)</b>
<b>Analysis of expenditure by class</b>			
Direct costs	875	840	(35)
Overhead costs	407	412	5
Interest	442	453	11
Depreciation	621	621	-
<b>Total operating expenditure</b>	<b>2,345</b>	<b>2,326</b>	<b>(19)</b>
<b>Revenue</b>			
Targeted rates	966	920	47
User fees	827	765	62
Financial contributions	211	174	37
Vested assets	52	50	2
Other income	-	15	(15)
<b>Total revenue</b>	<b>2,056</b>	<b>1,923</b>	<b>132</b>
<b>Net cost of service – surplus/(deficit)</b>	<b>(290)</b>	<b>(403)</b>	<b>113</b>
<b>Capital expenditure</b>	<b>151</b>	<b>205</b>	<b>54</b>
<b>Vested assets</b>	<b>52</b>	<b>50</b>	<b>(2)</b>
<b>Total other funding required</b>	<b>(492)</b>	<b>(658)</b>	<b>166</b>
<b>Other funding provided by</b>			
Debt increase/(decrease)	(96)	-	(96)
Reserves and future surpluses	588	658	(70)
<b>Total other funding</b>	<b>492</b>	<b>658</b>	<b>(166)</b>

## Summary financial forecast - Water Supply (Eastern Water)

For the year ended 30 June	LTP estimate \$'000 2014	Annual Plan \$'000 2014	Variance \$'000 2014
<b>Analysis of expenditure by activity</b>			
Eastern Water	4,048	4,006	(42)
<b>Total operating expenditure</b>	<b>4,048</b>	<b>4,006</b>	<b>(42)</b>
<b>Analysis of expenditure by class</b>			
Direct costs	1,563	1,502	(61)
Overhead costs	606	597	(9)
Interest	733	761	28
Depreciation	1,147	1,147	-
<b>Total operating expenditure</b>	<b>4,048</b>	<b>4,006</b>	<b>(42)</b>
<b>Revenue</b>			
Targeted rates	2,588	2,570	17
User fees	910	889	21
Financial contributions	229	221	8
Vested assets	52	50	2
Other income	-	31	(31)
<b>Total revenue</b>	<b>3,779</b>	<b>3,762</b>	<b>17</b>
<b>Net cost of service – surplus/(deficit)</b>	<b>(269)</b>	<b>(244)</b>	<b>(25)</b>
<b>Capital expenditure</b>	<b>1,243</b>	<b>1,311</b>	<b>68</b>
<b>Vested assets</b>	<b>52</b>	<b>50</b>	<b>(2)</b>
<b>Total other funding required</b>	<b>(1,565)</b>	<b>(1,605)</b>	<b>40</b>
<b>Other funding provided by</b>			
Debt increase/(decrease)	558	-	558
Reserves and future surpluses	1,006	1,605	(599)
<b>Total other funding</b>	<b>1,565</b>	<b>1,605</b>	<b>(40)</b>

## How our plans have changed

The timing and costs of some of our projects have been updated since we adopted our 2012 - 2022 Long Term Plan (LTP). The differences are shown below. This is not a complete list of the projects/programmes we have planned for this group of activities. The full list is available on our website, [www.westernbay.govt.nz](http://www.westernbay.govt.nz)

Project number	Project name	\$	
		2014	
243619	<b>Western water-reticulation improvements</b>	<b>Previous Plan</b>	1,234,118
	Timing of maintenance works and renewals have been reviewed resulting in deferrals to 2015	<b>This Plan</b>	1,188,289
		<b>Difference</b>	<b>(45,829)</b>
243310	<b>Central water reticulation improvements</b>	<b>Previous Plan</b>	140,207
	Reflects additional costs for Minden tank stabilisation and pressure reducing valves in Omokoroa	<b>This Plan</b>	195,000
		<b>Difference</b>	<b>54,793</b>
243002	<b>Eastern water reticulation improvements</b>	<b>Previous Plan</b>	573,475
	Increase reflects required upgrades to the Maketu pump station, the replacement of the Ohineangaanga Bridge watermain due to storm damage and increased capacity for firefighting in Maketu	<b>This Plan</b>	642,179
		<b>Difference</b>	<b>68,704</b>