

### Sewage And Waste Water Treatment

#### What Do We Do Now?

Waimate District Council operates a waste water collection and treatment system for the majority of the Waimate township. Some outlying areas of Waimate township and all the smaller towns are not serviced. The treatment plant and oxidation ponds were upgraded in 2002/03 to include screen, oxidation and maturation ponds with the treated effluent going to a land disposal field before entering the general environment. The sewerage system comprises of:

- 28km of gravity sewer mains
- 15km of gravited sewer lateral connections.
- 223 manholes or inspection eyes.
- One treatment plant.

#### Tasks

Tasks are the routine matters that Council will attend to every year, in order to maintain service levels set in agreement with our community.

- Maintain and operate a waste water reticulation system for the majority of Waimate urban area, including treatment plant, oxidation ponds and land disposal fields.
- Regularly monitor performance of the Sewerage management system to protect against environmental pollution and to comply with discharge resource consents.

#### Why Do We Do It?

We protect the health of the community and environment by collecting, treating and appropriately disposing of treated wastewater. This assists business expansion and development by enabling higher property densities and averages the cost of treating

and disposing of the treated effluent across the broader community. Council has a statutory requirement to ensure adequate network services.

#### Our Service Levels

Response time to service failures:

- Urgent works 4 hours, remedied within 12 hours.
- Non-urgent works will be visited and remedied within 5 days.
- Comply with discharge resource consents.
- All customers advised at least 24 hours prior to a scheduled maintenance shutdown.

#### Outcomes Supported By This Activity

This activity supports the following Community Outcomes as described in the second volume of this plan.

- The health needs of the District are adequately provided for.
- The well-being of all age-groups is achieved.
- The security and safety of the community and its citizens meets their needs.
- The natural and rural environment is protected.
- Sustainable development is a feature of the District.
- The economic infrastructural needs of the District are met.

#### How Do We Get There?

The Council will play its part in achieving the above outcomes by continuing to conduct the relevant tasks that we do now and by extending into new projects as agreed with the community.

## Projects

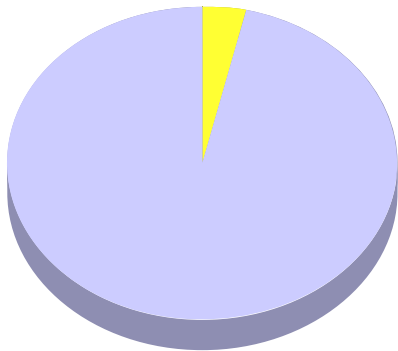
Projects are special works that are initiated by Council which by their development and ongoing maintenance will enhance community outcomes.

- Extend sewerage to new areas in accordance with a strategic plan for Waimate's growth budgeted at \$140,000 for the financial year 05/06. Consultation required - Project is in progress.
- Install stand-by aerator budgeted for \$40,000. No Consultation needed - Project has not started.
- Produce and maintain an advanced Sewage Disposal Asset Management Plan. No Consultation needed - Statutory requirement.



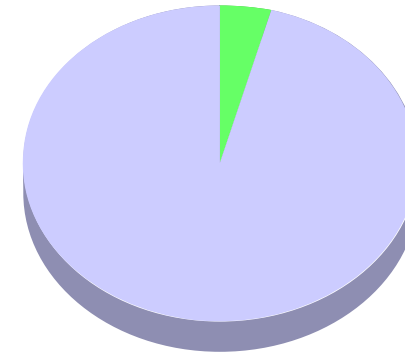
# Waimate 2020

**Share of Operating  
Expenditure = \$322,000**



**\$8,589,000**

**Share of Capital  
Expenditure = \$140,000**



**\$3,291,000**

**Expected Levels of Expenditure for 2005/2006**

PROSPECTIVE FINANCIAL PERFORMANCE FOR THE YEAR ENDING 30 JUNE 2006													
GROUP - UTILITIES	ACTIVITY : SEWERAGE	Estimate 2004/05 \$000s	Budget 2005/06 \$000s	Forecast 2006/07 \$000s	Forecast 2007/08 \$000s	Forecast 2008/09 \$000s	Forecast 2009/10 \$000s	Forecast 2010/11 \$000s	Forecast 2011/12 \$000s	Forecast 2012/13 \$000s	Forecast 2013/14 \$000s	Forecast 2014/15 \$000s	
	<b>Revenue</b>												
	Targeted Rate	(264)	(364)	(364)	(364)	(364)	(364)	(364)	(364)	(364)	(364)	(364)	(364)
	Land Transport NZ Subsidy												
	Revenue from Activities	(100)	(100)	(100)	(100)								
	Other Revenue												
	<b>Total Revenue</b>	<b>(364)</b>	<b>(464)</b>	<b>(464)</b>	<b>(464)</b>	<b>(364)</b>	<b>(364)</b>	<b>(364)</b>	<b>(364)</b>	<b>(364)</b>	<b>(364)</b>	<b>(364)</b>	<b>(364)</b>
	<b>Expenditure</b>												
	Expenditure on Activities	130	130	130	130	130	130	130	130	130	130	130	130
	Interest	118	112	113	116	132	128	123	118	114	109	105	105
	Depreciation	75	80	82	85	86	87	87	88	88	89	89	89
	Taxation												
<b>Total Expenditure</b>	<b>323</b>	<b>322</b>	<b>326</b>	<b>331</b>	<b>349</b>	<b>344</b>	<b>340</b>	<b>336</b>	<b>332</b>	<b>328</b>	<b>324</b>	<b>324</b>	
<b>NET COST OF SERVICE</b>	<b>(42)</b>	<b>(142)</b>	<b>(139)</b>	<b>(134)</b>	<b>(16)</b>	<b>(20)</b>	<b>(24)</b>	<b>(28)</b>	<b>(32)</b>	<b>(36)</b>	<b>(41)</b>	<b>(41)</b>	
<b>Funded by:</b>													
General Rates	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
<b>Shortfall (surplus) to balance</b>	<b>(47)</b>	<b>(147)</b>	<b>(144)</b>	<b>(139)</b>	<b>(21)</b>	<b>(25)</b>	<b>(29)</b>	<b>(33)</b>	<b>(37)</b>	<b>(41)</b>	<b>(46)</b>	<b>(46)</b>	