

Water-Related Services

Ngā Ratonga a Wai



Water, Wastewater, Stormwater, Trade Waste

WHAT THIS GROUP OF ACTIVITIES INCLUDES

This group of activities is undertaken to provide and maintain efficient, reliable and safe water, wastewater, stormwater and trade waste services. The Council undertakes the activities in this group because of statutory obligations and public demand. Under section 130(2) of the Local Government Act 2002, the Council must continue to provide these water services to those communities that have been serviced.

GROUP OF ACTIVITY COST OF SERVICE

The table below provides an overview of what this Group of Activities cost and how it was funded. Costs for specific activities can be found on the following pages.

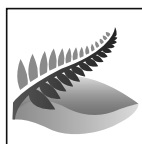
Annual Plan 2010/11 \$000		LTCCP 2011/12 \$000	Annual Plan 2011/12 \$000	Variance 2011/12 \$000
OPERATIONAL				
EXPENDITURE				
3,771	Depreciation	4,148	4,210	62
834	Interest Paid	1,109	1,004	(105)
5,529	Operations	6,213	5,413	(800)
10,134	Total Expenditure	11,470	10,627	(843)
REVENUE				
232	Development Contributions	245	80	165
172	User Fees & Charges	99	173	(74)
32	General Rates	29	18	11
0	Interest Income	0	0	0
110	Sundry Income	0	100	(100)
6,345	Subsidies & Grants	3,184	2,921	263
7,148	Targeted Rates	9,802	8,140	1,662
14,040	Total Revenue	13,359	11,432	1,927
(3,906)	Net Cost (Surplus) of Operations	(1,889)	(805)	1,084
NON OPERATIONAL				
EXPENDITURE				
(3,906)	Transfer from (surplus)/deficit	(1,889)	(805)	1,084
11,987	Capex *	7,428	8,429	1,001
756	Loan Repayments	715	838	123
403	Payments to Reserves	245	358	113
(2,307)	less Depreciation not Funded	(1,917)	(2,696)	(779)
6,934	Total Funding Requirement	4,582	6,124	1,542
FUNDED BY				
1,747	Depreciation Reserve	1,235	1,340	(105)
58	Development Contribution Reserve	225	224	1
4,319	Loans Raised	3,115	4,258	(1,143)
599	Operational Reserve	8	302	(294)
0	Sale of Assets	0	0	0
6,723	Total Funding Applied	4,583	6,124	(1,541)
* CAPITAL EXPENDITURE				
9,832	Level of Service	5,290	5,446	156
77	Growth	402	756	354
2,078	Renewals	1,736	2,227	491

WATER

WHAT WE DO AND WHY WE DO IT

Water is an essential resource in our community and the Council is charged with ensuring water is of a high standard, is safe to drink and that supply is adequate for all the community. In response to this the Council manages a number of water supply assets for the District and is required to adhere to a number of statutory requirements, standards and policies. Under section 130(2) of the Local Government Act 2002, the Council must continue to provide water services to those communities that have been serviced.

WHICH COMMUNITY OUTCOMES DOES THIS CONTRIBUTE TO



CLEAN PROTECTED ENVIRONMENT



ENVIRONMENTALLY RESPONSIBLE DEVELOPMENT

WHAT WE ARE GOING TO DO

Whakatane Water Treatment Plant Filter Upgrade:

This is the final year of a project to upgrade the water treatment plant filters at a cost of \$300,000 in 2011/12. This project is designed to improve the performance and efficiency of the treatment plant and improve water quality.

General Reticulation Upgrade Water Supply Ohope – Stage 2:

The Council is undertaking a project to upgrade reticulation in the Ohope water scheme. With stage 1 completed, the Council will commence with stage 2 of a general reticulation upgrade in 2011/12. The planned upgrade will increase the level of service provided to the Ohope Beach Community. The upgrade will also increase the capacity of the systems to meet future demand in the Ohope area.

Rangitaiki Plain Irrigation Strategy: The purpose of the Strategy is to determine whether it is possible to significantly facilitate and enhance agricultural and horticultural production and associated economic growth through an efficient, integrated and sustainable local authority led Community Irrigation Scheme and associated infrastructure. The Strategy is a joint study together with the Bay of Plenty Regional Council. Fifty percent of the funding will come from the Ministry of Agriculture and Forestry with the remainder of the cost being shared between the Bay of Plenty Regional Council and the Council.

Plains Water Supply: Testing of the Paul Road bore has been completed and this water source is recognised as being of sufficient quality and quantity to be able to supply the Plains Water Scheme on a long term basis as one of a number of sources. Resource consent to abstract water from this bore for community water supply has been obtained by the Council. Consultation with the major stakeholders of the scheme is programmed to be undertaken in 2011/12 regarding the development of a 50 year strategy for the Plains Water Scheme. The Council has allocated \$30,000 to this strategy from the Plains Water Scheme reserve account.

Plains Water Connections Upgrade: The Council will continue to replace the Plains Water connections and install back-flow preventers where these are not already installed. \$50,000 has been provided in the 2011/12 year which forms the final year of a three year programme.

General Renewals and Replacements: The Council will continue to provide for the maintenance of the Whakatane and the Plains Water supply network at a total cost of \$255,000 for the 2011/12 year. This includes the ongoing programme of progressively replacing aging or faulty pipes, connections and meters across all schemes. Connections and meters will also be replaced in Whakatane at a cost of \$100,000 in the 2011/12 year. This is an ongoing programme of replacements needed to upgrade aging meters and components.

WHAT ARE OUR PERFORMANCE TARGETS FOR THE YEAR

Provide a continuous, safe, uninterrupted, and cost effective water system throughout the District's urban, residential and commercial areas that complies with drinking water and fire standards.

- » Satisfaction with the overall quality and reliability of the mains water scores 73.7 or higher (Very good service) in Council's Perception Survey
- » Less than 30 incidences leading to complaints regarding taste and odour of water.
- » 95% of water supply systems with adequate pressure to fill a 15 litre bucket in one minute.

WHAT WILL THIS ACTIVITY COST

	Annual Plan 2011/12 \$000
Expenditure	5,697
Revenue	4,827
Net Cost (Surplus) of Operations	870
Capital Expenditure	2,261

WHAT ARE THE KEY DIFFERENCES FROM THE LTCCP

- Ohope Reservoir Roof Replacement**
 The Ohope reservoir roof replacement is a new project which will cost \$175,000. The project has been brought about due to the fact that the roof condition is beyond repair and is in need of replacement.
- Plains Water Land Purchase**
 The Council will purchase the land for the Paul Road bore as it is an important water supply asset for the Plains Water Scheme. Negotiations are in progress and are expected to be completed in the 2011/12 year.



WHAT ARE OUR PERFORMANCE TARGETS FOR THE YEAR

- » Number and level of water supply gradings received.
 (The Ministry of Health grades water quality between A & E for water source and between a & e for water reticulation. A indicates the highest standard and e lowest. U stands for ungraded)

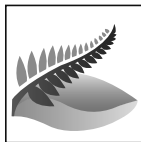
Whakatane	Aa
Ohope	Aa
Edgecumbe	Db
Matata	Ab
Murupara	Ab
Taneatua	Ab
Ruatoki	Aa
Waimana	Aa
Plains	Db
Te Mahoe	Aa

WASTEWATER

WHAT WE DO AND WHY WE DO IT

The Council is responsible for the provision and management of six wastewater schemes situated at Whakatane, Ohope, Edgecumbe, Taneatua, Murupara, and Te Mahoe. The Council's key focus is to ensure wastewater is managed in an appropriate way. The Council maintains a number of assets to provide this service including treatment plants, pump stations, trunk mains, mains and service lines.

WHICH COMMUNITY OUTCOMES DOES THIS CONTRIBUTE TO



CLEAN PROTECTED ENVIRONMENT



ENVIRONMENTALLY RESPONSIBLE DEVELOPMENT

Many of the Council's wastewater projects are reliant on central government funding

WHAT WE ARE GOING TO DO

Whakatane Pipe Renewals: The Council will continue with the third year of a ten year project to progressively replace or reline aging pipes in Whakatane. In the 2011/12 year the Whakatane pipe renewals will occur at a cost of \$250,000.

McAlister Street Pipe Upgrade: The McAlister Street pipe upgrade project installation is expected to cost \$638,000 in the 2011/12 year. The purpose of this multi-year project is to upgrade the wastewater pipelines in McAlister Street. This stage of the project will be completed in 2011/12.

Matata Wastewater System Development: Since 2003, the Council has intended to construct a wastewater system for Matata as a solution to stream and land contamination from domestic septic tanks. This project was delayed by the Matata debris flows in 2005. The cost estimate for the project was originally \$4.48m and the Council had secured a subsidy from the Ministry of Health of \$3.72m. Project estimates have substantially increased since the original proposal to around \$10m due to a change in system design and disposal method. To partially offset cost increases, a more feasible option is being pursued involving piping wastewater to Edgecumbe and increasing the capacity of the Edgecumbe treatment plant to cope with the additional waste stream.

The Council has received a subsidy for the Matata Wastewater system development from the Ministry of Health of \$6.72 million which is 85% of the total cost of the project. The Council will be looking at how to fund the remaining 15% cost of the project. The Council will consult with the community regarding funding options. The Council has also made submissions to the Bay of Plenty Regional Council requesting their support for this project. (For more information see the Key Issues chapter of this Annual Plan).

WHAT ARE OUR PERFORMANCE TARGETS FOR THE YEAR

To provide high quality, efficient and reliable wastewater systems that are affordable and meet the reasonable needs of the urban and commercial communities

- » Satisfaction with having a reliable disposal of waste water and sewerage scores 79 or higher (Exceptional performance) in Council's Perception Survey.
- » 90% of blockages and breakages affecting the system in Whakatane are responded to within one hour. (Note: Actual works required to remedy breakages and blockages will vary according to the extent of fault).
- » 90% of blockages and breakages affecting the system in other urban areas are responded to within three hours. (Note: Actual works required to remedy breakages and blockages will vary according to the extent of fault).

Ohope Treatment Plant Investigations:

Investigations and design for the Ohope wastewater treatment plant upgrade have been undertaken to improve performance. Construction will occur in 2011/12 at a cost of \$500,000.

Edgecumbe Wastewater System upgrade:

There are three projects scheduled to take place in 2011/12 to reduce the frequency of wastewater spills:

- The first project of the Edgecumbe Wastewater System upgrade is the reticulation repairs and upgrades to the pumping system that are planned to be completed in 2011/12, with some funding from the Local Authority Protection Programme Disaster Fund (LAPP).
- The second project involved the ongoing project of pump station upgrades. Work to upgrade the pump station, taking place during 2010/11, was planned to be continued in 2011/12. However, external funding towards the next phase of the pump station upgrade (which will provide more storage for the pump station) is not available due to the Sanitary Works Subsidy Scheme no longer receiving applications for funding. As a result, this part of the project is now subject to the success of the upgrade projects during 2010/11 and the reticulation repairs planned for 2011/12.
- The third project of the pump replacement is completely funded by the Council. The cost of this project is \$37,500 in the 2011/12 year.

(For more information see the Key Issues chapter of this Annual Plan).

WHAT WILL THIS ACTIVITY COST

	Annual Plan 2011/12 \$000
Expenditure	2,953
Revenue	5,015
Net Cost (Surplus) of Operations	(2,061)
Capital Expenditure	5,580

WHAT ARE THE KEY DIFFERENCES FROM THE LTCCP

- No key differences

WHAT ARE OUR PERFORMANCE TARGETS FOR THE YEAR

To provide high quality, efficient and reliable wastewater systems that are affordable and meet the reasonable needs of the urban and commercial communities cont.

- » High quality and effective reticulated wastewater systems are provided in:
 - Whakatane
 - Edgecumbe
 - Murupara
 - Matata
 - Taneatua
 - Te Mahoe
 - Ohope
- » No wastewater related resource consent infringement and abatement notices received from the Regional Council.

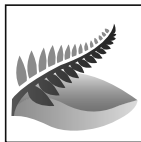
STORMWATER

WHAT WE DO AND WHY WE DO IT

The Council manages stormwater systems in Whakatane, Taneatua, Otawairere, Matata, Te Mahoe, Edgecumbe, Te Teko, Ohope, Murupara and Taiwhakaea. Each of these locations has its own issues and geographical challenges to ensure stormwater is effectively and efficiently managed and causes little disruption in the community. The Council provides stormwater systems because of statutory obligations and public demand.

The design standard for Whakatane's urban stormwater reticulation system is to cope with a one in 10 year event with no surface flooding and a one in 50 year event with surface flooding drained away using overland flow paths. Low-lying parts of the Whakatane urban area have stop-banks as protection from the Whakatane River. The river and stopbanks are managed by the Bay of Plenty Regional Council. Through the town there are canals and open drains that link to pumps. The higher parts of the urban area channel high volumes of stormwater to the lower areas of town.

WHICH COMMUNITY OUTCOMES DOES THIS CONTRIBUTE TO



CLEAN PROTECTED ENVIRONMENT



ENVIRONMENTALLY RESPONSIBLE DEVELOPMENT

75% of stormwater systems in Whakatane are built to meet one in 10 year rainfall events

WHAT WE ARE GOING TO DO

Whakatane and Ohope Stormwater Catchment Management Project: A joint project being undertaken by the Council and the Bay of Plenty Regional Council is looking to mitigate flooding by taking a whole of catchment approach to designing solutions to mitigate flooding in the Whakatane and Ohope stormwater systems. This project has come about as a result of the floods in 2010. During 2011/12 the joint working group will work on the findings of the 2010/11 investigations to develop the options and implement the projects. At this stage the physical works are undetermined but there are likely to be many projects identified and prioritised to mitigate flood hazards in these urban areas. (For more information see the Key Issues section of this Annual Plan).

General maintenance: The Council will continue to provide for the maintenance of stormwater systems during the 2011/12 year.

WHAT ARE OUR PERFORMANCE TARGETS FOR THE YEAR

Provide a quality continuous, safe, uninterrupted, and cost effective urban stormwater system accessible throughout Whakatane (including Otawairere), Ohope, Edgecumbe, Matata, Murupara, Taneatua, Te Mahoe and Te Teko.

- » Satisfaction with the overall effectiveness of the stormwater systems scores 64.0 or higher (Fair: needs improvement) in Council's Perception Survey.
- » All blockages affecting the system in Whakatane are responded to within one hour. (Note: Actual works required to remedy blockages will vary according to the extent of fault).
- » All blockages affecting the system in other urban areas are responded to within three hours. (Note: Actual works required to remedy blockages will vary according to the extent of fault).
- » 75% of storm-water systems are built to meet one in ten year rainfall event.

McAlister Pump Station Upgrade: The Council had planned to undertake an upgrade of the main pump station to minimise the flooding risk to the Apanui catchment. At present the Council has undertaken a study using a hydraulic model to identify the upgrade requirements of this pump station and of other future capital works required to address the stormwater issue in the Whakatane town. The funds are allocated in the next financial year to continue this study. Following the studies a new capital works programme will be prepared and will be included in the LTP 2012-22

Whakatane Pump Station Electrical Improvements: This project involves upgrading the electrical and telemetry systems in order to improve operational efficiencies. The cost of this for the 2011/12 year will be \$160,000.

WHAT WILL THIS ACTIVITY COST

	Annual Plan 2011/12 \$000
Expenditure	1,849
Revenue	1,462
Net Cost (Surplus) of Operations	388
Capital Expenditure	588

WHAT ARE THE KEY DIFFERENCES FROM THE LTCCP

- Direct costs have been reduced by \$160,000 due to reduced maintenance and consultant costs.
- A project will be implemented to construct a sand sausage along the western side of Maraetotara Stream to prevent further erosion and to reduce the current risk to assets in the reserve. The estimated cost of the project is approximately \$80,000.

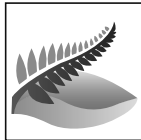


TRADEWASTE

WHAT WE DO AND WHY WE DO IT

Tradewaste refers to waste discharged into the Council’s wastewater system from industrial and commercial premises. The Council undertakes this activity because of statutory obligations. The main objectives are to protect the environment, people and community assets required for essential services.

WHICH COMMUNITY OUTCOMES DOES THIS CONTRIBUTE TO



CLEAN PROTECTED ENVIRONMENT



ENVIRONMENTALLY RESPONSIBLE DEVELOPMENT

WHAT WE ARE GOING TO DO

The Council will continue to implement the new trade waste charges which were introduced through the Trade Waste Bylaw during 2009/10.

WHAT WILL THIS ACTIVITY COST

	Annual Plan 2011/12 \$000
Expenditure	128
Revenue	128
Net Cost (Surplus) of Operations	0
Capital Expenditure	0

WHAT ARE THE KEY DIFFERENCES FROM THE LTCCP

- Fees and charges have increased due to the new trade waste charging regime.
- Direct costs for this activity have decreased due to this activity now being managed internally.