

## Part Two – Water Services

### Activity Group One Water Services

- Water Reticulation
- Water Production
- Stormwater & Drainage
- Sewerage

## Part Two – Water Services – Water Reticulation

## Water Reticulation

(Unless otherwise stated the performance measures for years 1-3 are the same as those for years 4-10)

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
<p><b>The Community Outcomes to which this activity primarily contributes are:</b></p> <p>a) A Strong Prosperous And Thriving Economy.</p> <p>b) A Life Time Of Good Health And Wellbeing.</p> <p><b>The ways in which the activity contributes towards the achievement of these Outcomes include:</b></p> <p>a) By facilitating business activity through provision of quality water to the Wairoa township.</p> <p>b) Protection of public health is a key result of providing treated water.</p>	Demand	<p>The Council will provide a public water supply systems at:-</p> <ul style="list-style-type: none"> <li>• Wairoa;</li> <li>• Frastertown;</li> <li>• Mahanga; and</li> <li>• Tuai.</li> </ul>	<p>Water treatment, storage and reticulation systems are operational.</p> <p>(Systems will be deemed to be operational if they meet the requirements of section 69S(3) of the Health Act which states that interruptions of over 8 hours are only acceptable if certain requirements of notification are adhered to. For more information refer to the Engineering Department of Council)</p> <p><b>Current Status (Baseline):</b> 2007/08 – no interruptions of more than 8 hours</p>
	Integration	<p>The water supply services and their management will be properly integrated with the sewerage and stormwater services, with land use decision-making, and with other Council responsibilities and activities.</p>	
	Accessibility	<p>It will be possible for properties within the respective supply areas to be readily connected to the systems, and once connected, to be assured of a continuous supply.</p>	<p>Supply will be deemed to be continuous if it meets the requirements of Section 69S(3) of the Health Act which states that interruptions of over 8 hours are only acceptable if certain requirements of notification are adhered to. For more information refer to the Engineering Department of Council</p> <p><b>Current Status (Baseline):</b> 2007/08 – no interruptions of more than 8 hours</p>

Part Two – Water Services – Water Reticulation

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Quality	<p>Water quality will comply with the NZ Drinking water standards appropriate to the size of the supply.</p> <p>Fluoridation will be considered where this is the wish of the majority of users.</p>	<p>Water quality meets Health Act requirements (compliance with Drinking Water Standards 2005) with specific targets as follows:</p> <p><b>Targets:</b>                      2009/10 – draft Public Health Risk Management Plans (PHRMPs) developed for all supplies.                      2010/11 – PHRMP for Wairoa supply audited and approved by District Health Board assessors.                      2011/12 – PHRMP for Tuai and Mahanga supplies audited and approved by District Health Board assessors.                      2012 – 2015 – programme of works and/or process improvements implemented to ensure compliance with standards.                      2015 onwards – continued compliance</p> <p><b>Current Status (Baseline):</b>                      2007/08 – PHRMP developed for Wairoa supply – has been audited but requires improvement.                      2008/09 –PHRMPs developed for Mahanga and Tuai – still in draft phase.</p> <p>Note: It is anticipated for Council owned water supplies required improvements to fully meet the drinking water standards will be a combination of process and monitoring improvements with a small element of capital works improvements only. Furthermore it is assumed that due to the high levels of deprivation in the Wairoa District that capital improvements will be eligible for up to 90% funding from the government’s Capital Assistance Programme.</p>

## Part Two – Water Services – Water Reticulation

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Environmental and Other Potential Negative Effects	In all areas of the Council's provision and management of the service, the natural environment will be protected, and all potential negative economic, environmental, social and cultural effects will be identified and properly managed.	<p>Council has current consents for all required purposes, and there has been full compliance with all of the conditions of them throughout the year.</p> <p><b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report.</p> <p>Domestic water use per connection reducing annually</p> <p><b>Current Status (Baseline):</b> 2007/08 – Wairoa 547m<sup>3</sup>/property/year, Frasertown 347m<sup>3</sup>/property/year.</p> <p>Mahanga and Tuai not measurable due to no water meters.</p> <p>At a network level, water 'lost' through leakage reducing over time. (measured through leakage testing on a 3-yearly basis).</p> <p><b>Current Status (Baseline):</b> 2007/08 – baseline leakage study undertaken identifying losses of approximately 8.7L/s which. All 'high priority' leaks were repaired immediately leaving known losses in the order of 1.2L/s which will be dealt with over time.</p>

## Part Two – Water Services – Water Reticulation

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Health and Safety	The systems will be managed in a safe manner.	<p>No safety incidents reported through the CSR system.  <b>Current Status (Baseline):</b>            2007/08 – achieved</p> <p>Fire hydrants maintained to Fire Service Code of Practice. This will be measured by a programme of testing by the Fire Service and/or Council's maintenance contractor. Programme to be developed 2009/10 for implementation 2010/11 onwards. Target for 2010/11 onwards is for annual component of testing programme to be undertaken.  <b>Current Status (Baseline):</b>            2007/08 – no programme in place – to be developed 2009/10</p>
	Costs and Funding	The cost of service will be publicly consulted on annually – via either the LTCCP or Annual Plan preparation process. As part of that process the component funded from general rates versus user fees will also be available for public comment.	Budgeted expenditure (including any Council-approved additional expenditure) not exceeded. <b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report.

## Part Two – Water Services – Water Reticulation

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Customer Relations, Consultation, Council Responsiveness and User Satisfaction	Customers will receive prompt and efficient service.	<p>Not less than 80% of the respondents rate the service as 'fairly good or better' in the annual public satisfaction survey.</p> <p><b>Current Status (Baseline):</b> 2007/08 – achieved 90% – refer 2007/08 annual report.</p> <p>A reducing number of complaints (CSR system) <b>Current Status (Baseline):</b> 2007/08 – 270 (reduced from 324 in 2006/07)</p>

**Issues**

Please note, you may need to refer to the *Significant Issues* section found at the front of this Volume.

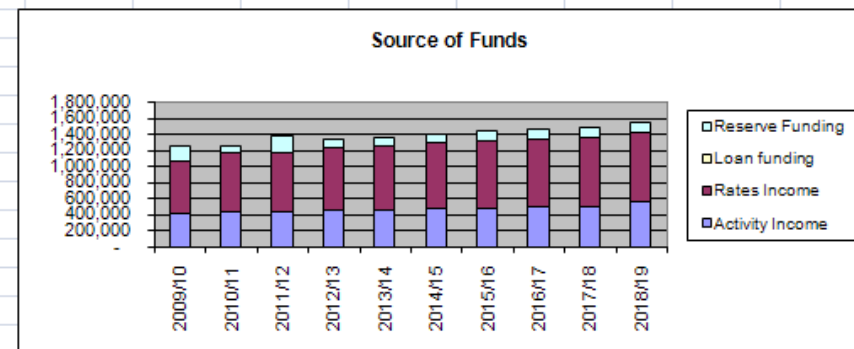
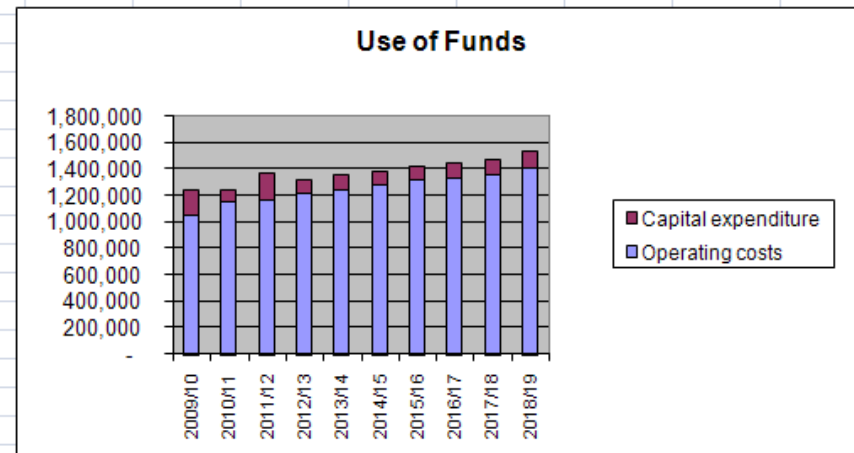
For further information, please refer to the detailed Activity Management Plan in Volume 2 of this Long Term Council Community Plan.

Part Two – Water Services – Water Reticulation

Activity Costs

PROJECTED 10 YEAR FINANCIAL SUMMARY - WATER RETICULATION

	2009/10	2010/11	2011/12
<b>Expenditure</b>			
Operational Costs	570,799	649,978	677,595
Interest	-	-	-
Overhead Allocation	226,100	237,500	216,600
Depreciation	261,182	265,807	268,231
<b>Total Operating Costs</b>	<b>1,058,081</b>	<b>1,153,285</b>	<b>1,162,426</b>
<b>Activity Income - Service Charges</b>	<b>216,730</b>	<b>247,289</b>	<b>252,274</b>
<b>Net Cost of Service</b>	<b>841,351</b>	<b>905,996</b>	<b>910,152</b>
<b>Capital Expenditure</b>			
Renewals	185,000	96,985	215,340
Loan Repayments	-	-	-
New Capital	-	-	-
	185,000	96,985	215,340
<b>Funding Required</b>	<b>1,026,351</b>	<b>1,002,981</b>	<b>1,125,492</b>
<b>Funded by:</b>			
Rate Income	643,451	733,996	727,952
Reserves- Operational Funding	197,900	172,000	182,200
Reserves- Capital Funding	185,000	96,985	215,340
Loans	-	-	-
<b>Total Funding</b>	<b>1,026,351</b>	<b>1,002,981</b>	<b>1,125,492</b>



For further information, see the detailed Activity Management Plan in Volume 2 of this Long Term Council Community Plan. A summary of the proposed renewals and new capital works programme relating to this activity is outlined in Volume 2.

## Part Two – Water Services – Water Production

## Water Production

Note that the Levels of service and Performance Measures for Water Production are generally very similar to those for Water Reticulation. The distinction between the two activities is because the Water Production activity relates mainly to the production of water at the Frasertown Treatment Plant, which is managed as a business unit in conjunction with AFFCO. The reasons for this are historical and relate to AFFCO's predecessors part-funding an upgrade of the plant in the 1980's.

(Unless otherwise stated the performance measures for years 1-3 are the same as those for years 4-10)

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
<p><b>The Community Outcomes to which this activity primarily contributes are:</b></p> <p>c) A Strong Prosperous And Thriving Economy.</p> <p>d) A Life Time Of Good Health And Wellbeing.</p> <p><b>The ways in which the activity contributes towards the achievement of these Outcomes include:</b></p> <p>c) By facilitating business activity through provision of quality water to the Wairoa township.</p> <p>d) Protection of public health is a key result of providing treated water.</p>	Demand	<p>The Council will provide a public water supply systems at:-</p> <ul style="list-style-type: none"> <li>• Wairoa;</li> <li>• Frasertown;</li> </ul>	<p>Water treatment, storage and reticulation systems are operational.</p> <p>(Systems will be deemed to be operational if they meet the requirements of Section 69S(3) of the Health Act which states that interruptions of over 8 hours are only acceptable if certain requirements of notification are adhered to. For more information refer to the Engineering Department of Council)</p> <p><b>Current Status (Baseline):</b> 2007/08 – no interruptions of more than 8 hours</p>
	Integration	<p>The water supply services and their management will be properly integrated with the sewerage and stormwater services, with land use decision-making, and with other Council responsibilities and activities.</p>	

## Part Two – Water Services – Water Production

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Accessibility	Consumers will receive a continuous supply.	Supply will be deemed to be continuous if it meets the requirements of Section 69S(3) of the Health Act which states that interruptions of over 8 hours are only acceptable if certain requirements of notification are adhered to. For more information refer to the Engineering Department of Council  <b>Current Status (Baseline):</b> 2007/08 – no interruptions of more than 8 hours

## Part Two – Water Services – Water Production

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Quality	<p>Water quality will comply with the NZ Drinking water standards appropriate to the size of the supply.</p> <p>Fluoridation will be considered where this is the wish of the majority of users.</p>	<p>Water quality meets Health Act requirements (compliance with Drinking Water Standards 2005) with specific targets as follows:</p> <p><b>Targets:</b>  2009/10 – draft Public Health Risk Management Plans (PHRMPs) developed for all supplies.  2010/11 – PHRMP for Wairoa supply audited and approved by District Health Board assessors.  2012 – 2015 – programme of works and/or process improvements implemented to ensure compliance with standards.  2015 onwards – continued compliance</p> <p><b>Current Status (Baseline):</b>  2007/08 – PHRMP developed for Wairoa supply – has been audited but requires improvement.  (Refer Water Reticulation Activity Plan for reference to and targets for Mahanga and Tuai)</p> <p>Note: It is anticipated for Council owned water supplies required improvements to fully meet the drinking water standards will be a combination of process and monitoring improvements with a small element of capital works improvements only. Furthermore it is assumed that due to the high levels of deprivation in the Wairoa District that capital improvements will be eligible for up to 90% funding from the government's Capital Assistance Programme.</p>

## Part Two – Water Services – Water Production

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Environmental and Other Potential Negative Effects	In all areas of the Council's provision and management of the service, the natural environment will be protected, and all potential negative economic, environmental, social and cultural effects will be identified and properly managed.	Council has current consents for all required purposes, and there has been full compliance with all of the conditions of them throughout the year. <b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report.
	Health and Safety	The systems will be managed in a safe manner.	No safety incidents reported through the CSR system. <b>Current Status (Baseline):</b> 2007/08 – achieved
	Costs and Funding	The cost of service will be publicly consulted on annually – via either the LTCCP or Annual Plan preparation process.	Budgeted expenditure (including any Council-approved additional expenditure) not exceeded. <b>Current Status (Baseline):</b> 2007/08 – not achieved – refer 2007/08 annual report.
	Customer Relations, Consultation, Council Responsiveness and User Satisfaction	Customers will be satisfied with the Water Supply.	Not less than 80% of the respondents rate the service as 'fairly good or better' in the annual public satisfaction survey.  <b>Current Status (Baseline):</b> 2007/08 – achieved 90% – refer 2007/08 annual report.  A reducing number of complaints (CSR system) <b>Current Status (Baseline):</b> 2007/08 – 270 (reduced from 324 in 2006/07)

**Issues**

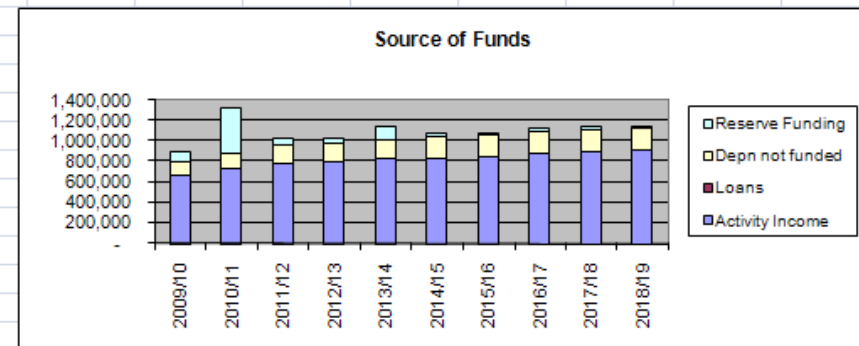
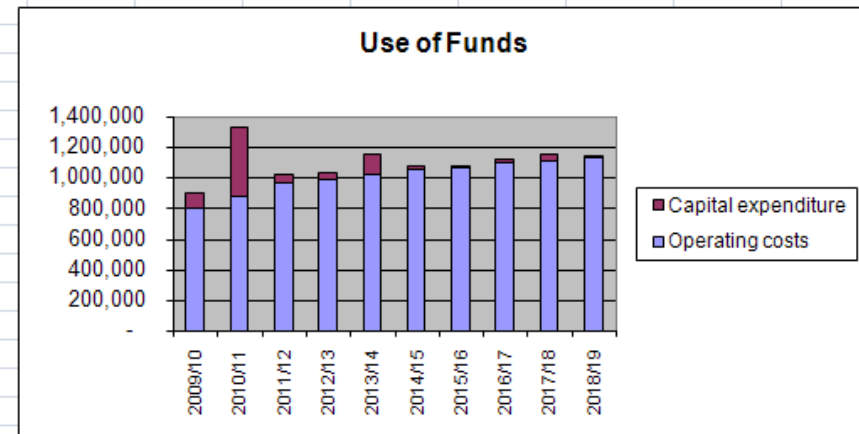
Please note, you may need to refer to the *Significant Issues* section found at the front of this Volume.

For further information, please refer to the detailed Activity Management Plan in Volume 2 of this Long Term Council Community Plan.

Part Two – Water Services - Water Production

Activity Costs

PROJECTED 10 YEAR FINANCIAL SUMMARY - WATER PRODUCTION			
	2009/10	2010/11	2011/12
<b>Expenditure</b>			
Operational Costs	463,569	425,312	503,338
Interest	-	-	-
Overhead Allocation	51,600	53,500	52,600
Depreciation	285,300	395,336	407,356
<b>Total Operating Costs</b>	<b>800,469</b>	<b>874,148</b>	<b>963,294</b>
<b>Activity Income - Service Charges</b>	<b>666,069</b>	<b>730,724</b>	<b>776,077</b>
Less depreciation not funded	134,400	143,424	187,217
<b>Net Cost of Service</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Capital Expenditure</b>			
Renewals	94,000	34,379	60,102
New Capital	-	421,800	-
	94,000	456,179	60,102
<b>Funding Required</b>	<b>94,000</b>	<b>456,179</b>	<b>60,102</b>
<b>Funded by:</b>			
Rate Income	-	-	-
Reserves- Operational Funding	-	-	-
Reserves- Capital Funding	94,000	456,179	60,102
Loans	-	-	-
<b>Total Funding</b>	<b>94,000</b>	<b>456,179</b>	<b>60,102</b>



For further information, see the detailed Activity Management Plan in Volume 2 of this Long Term Council Community Plan. A summary of the proposed renewals and new capital works programme relating to this activity is outlined in Volume 2.

## Part Two – Water Services – Stormwater &amp; Drainage

## Stormwater &amp; Drainage

(Unless otherwise stated the performance measures for years 1-3 are the same as those for years 4-10)

Community Outcomes	Service Category	Proposed Future Levels of Service	Customer Performance Measures & Targets
<p><b>The Community Outcomes to which this activity primarily contributes are:</b></p> <ul style="list-style-type: none"> <li>e) A Safe And Secure Community.</li> <li>f) A Life Time Of Good Health And Wellbeing.</li> <li>g) An Environment That Is Appreciated, Protected And Sustained For Future Generations.</li> </ul> <p><b>The ways in which the activity contributes towards the achievement of these Outcomes include:</b></p> <ul style="list-style-type: none"> <li>a) By reducing the risk of flooding by providing a network of pipes and open drains.</li> <li>b) By managing and maintaining the stormwater network (particularly open drains) to minimise pests such as mosquitoes and rodents.</li> <li>c) Through sustainable stormwater management that recognises the importance of receiving environments and minimises adverse effects of development.</li> </ul>	Demand	<p>The Council will provide public stormwater services at:-</p> <ul style="list-style-type: none"> <li>• Wairoa;</li> <li>• Tuai; and</li> <li>• Mahia.</li> </ul>	<p>Stormwater systems in place and functioning as measured by number of complaints (refer customer satisfaction measures. Long term target 80% satisfaction.</p> <p><b>Current Status (Baseline):</b> 2007/08 – 42%</p> <p><b>Targets:</b> 2009/10 – 55% 2010/11 – 65% 2011/12 – 70% 2012/13 – 75% 2013/14 – 80%</p> <p>Piping of open drains continues to the value of \$110,000 per year (increasing with inflation).</p> <p><b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report</p>
	Integration	<p>The stormwater services and their management will be properly integrated with the sewerage and water supply services, with land use decision-making, and with other Council responsibilities and activities.</p>	

Part Two – Water Services – Stormwater & Drainage

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Accessibility	It will be possible for most properties within the respective stormwater areas to be connected to the public systems, and once connected, to be able to dispose of their stormwater without any problems.	Incidences of flooding attributable to inadequate stormwater system to reduce over time (measured through CSR system) <b>Current Status (Baseline):</b> 2007/08 – achieved – reduction to 26 from 29 in 2006/07 – refer 2007/08 annual report.
	Quality	The stormwater systems will be properly maintained and managed at all times.	Incidences of flooding attributable to lack of maintenance of stormwater system to reduce over time. (measured primarily through CSR system) <b>Current Status (Baseline):</b> 2007/08 – achieved – reduction to 26 from 29 in 2006/07 – refer 2007/08 annual report.
	Environmental and Other Potential Negative Effects	In all areas of the Council's provision and management of the service, the natural environment will be protected, and all potential negative economic, environmental, social and cultural effects will be identified and properly managed.	Council has current consents for all required purposes, and there has been full compliance with all of the conditions of them throughout the year. <b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report.
	Health and Safety	The systems will be managed and stormwater disposed of in a safe manner.	No safety incidents reported through the CSR system. <b>Current Status (Baseline):</b> 2007/08 – achieved

## Part Two – Water Services – Stormwater &amp; Drainage

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Costs and Funding	The cost of service will be publicly consulted on annually – via either the LTCCP or Annual Plan preparation process. As part of that process the component funded from general rates versus user fees will also be available for public comment.	Budgeted expenditure (including any Council-approved additional expenditure) not exceeded <b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report
	Customer Relations, Consultation, Council Responsiveness and User Satisfaction	Customers will receive prompt and efficient service.	Not less than 80% of the respondents rate the service as 'fairly good or better' in the annual public satisfaction survey. <b>Current Status (Baseline):</b> 2007/08 – 42%  <b>Targets:</b> 2009/10 – 55% 2010/11 – 65% 2011/12 – 70% 2012/13 – 75% 2013/14 – 80%

**SIGNIFICANT ISSUES IN ROADING**

REFER TO THE FULL STORMWATER & DRAINAGE ACTIVITY MANAGEMENT PLAN IN VOLUME 2 OF THIS LTCCP.

**PIPING OPEN DRAINS**

When an Open drain is piped one of the results is a much better looking streetscape as drains are often overgrown with weeds and can become litter traps. It makes the roadside more usable as the finish is a grass 'swale' that can be easily mowed and gives somewhere for people to walk off the carriageway. Council currently pipes drains to the value of around \$110,000 per year. This equates to approximately 300m of open drain each year. There are over 22km of open drains in the Wairoa township and our assessment of cost to pipe them is a little under \$12 Million so at the current rate of piping it would take 100 years to complete the programme. As well as the 'standard' roadside drain that gets replaced with a 300mm (12 inch) diameter pipe, there are a number of larger drains, most notably the Kitchener St drain, which would require pipes up to 1800mm (6ft) diameter.

## Part Two – Water Services – Stormwater & Drainage

One option would be to accelerate the programme by taking out a loan to be repaid over (say) 30 years. Funding the whole programme would result in repayments in excess of \$1.3 Million per year, which would equate to an annual rate of more than \$600 per property. Drain sections have been grouped in terms of a range of criteria such as depth, width, adjacent housing density and prioritised (please refer to the Stormwater Activity Plan in Volume 2 for more detail). While funding the whole programme may not be feasible or desirable, as can be seen we could undertake a smaller programme that takes care of the highest priority sites with reduced impact on rates. Another option with respect to piping of open drains would be to suspend the programme for a number of years. With the world economy in turmoil some people might feel it prudent to not spend that money at this time.

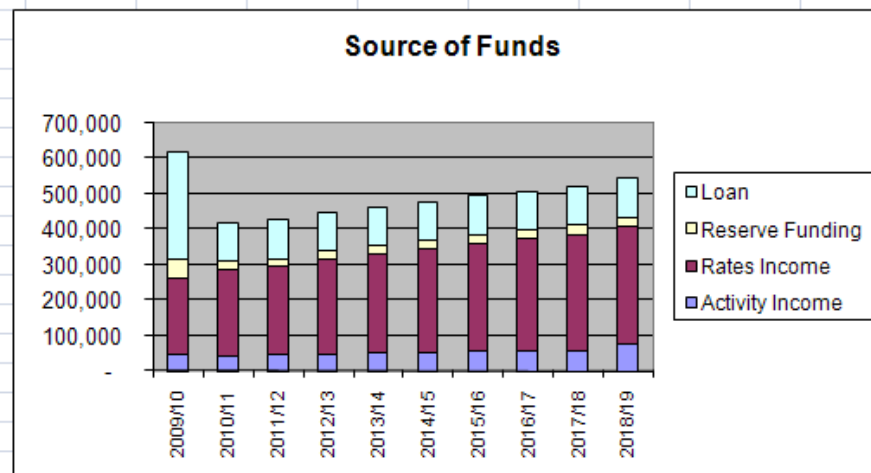
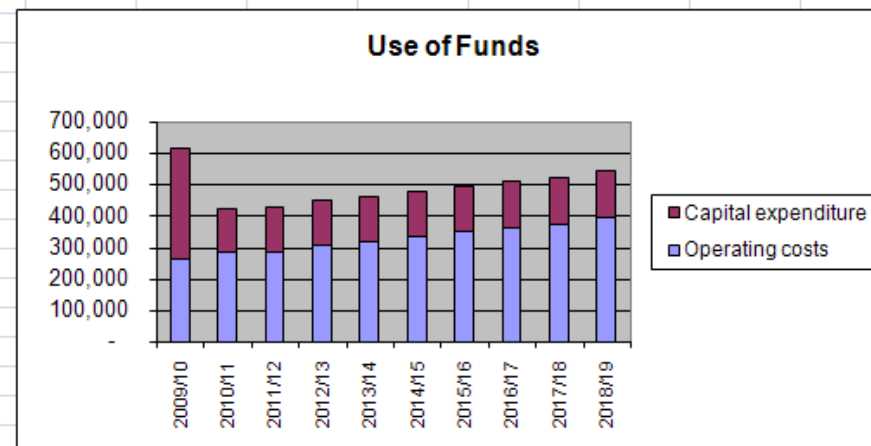
<b>Priority Group</b>	<b>Dollar Value</b>	<b>Annual Rate<sup>1</sup></b>
A	\$1,400,000	\$80
A,B	\$3,200,000	\$180
A,B,C	\$4,700,000	\$270
A,B,C,D	\$7,800,000	\$440
A,B,C,D,E	\$11,700,000	\$660

## Part Two – Water Services – Stormwater & Drainage

### Activity Costs

#### PROJECTED 10 YEAR FINANCIAL SUMMARY - STORMWATER & DRAINAGE

	2009/10	2010/11	2011/12
<b>Expenditure</b>			
Operational Costs	68,100	75,522	77,225
Interest	53,814	60,964	68,114
Overhead Allocation	62,900	66,800	61,700
Depreciation	74,306	78,093	79,468
<b>Total Operating Costs</b>	<b>259,120</b>	<b>281,379</b>	<b>286,507</b>
<b>Activity Income</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Net Cost of Service</b>	<b>259,120</b>	<b>281,379</b>	<b>286,507</b>
<b>Capital Expenditure</b>			
Renewals	50,000	22,180	22,680
Loan Repayments	4,800	5,800	8,600
New Capital	302,900	110,000	110,000
	357,700	137,980	141,280
<b>Funding Required</b>	<b>616,820</b>	<b>419,359</b>	<b>427,787</b>
<b>Funded by:</b>			
Rate Income	216,820	246,979	250,407
Reserves- Operational Funding	47,100	40,200	44,700
Reserves- Capital Funding	50,000	22,180	22,680
Loans	302,900	110,000	110,000
<b>Total Funding</b>	<b>616,820</b>	<b>419,359</b>	<b>427,787</b>



For further information, see the detailed Activity Management Plan in Volume 2 of this Long Term Council Community Plan. A summary of the proposed renewals and new capital works programme relating to this activity is outlined in Volume 2.

## Part Two – Water Services - Sewerage

## Sewerage

(Unless otherwise stated the performance measures for years 1-3 are the same as those for years 4-10)

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
<p><b>The Community Outcomes to which this activity primarily contributes are:</b></p> <ul style="list-style-type: none"> <li>a) A Strong Prosperous And Thriving Economy.</li> <li>b) A Life Time Of Good Health And Wellbeing.</li> <li>c) An Environment That Is Appreciated, Protected And Sustained For Future Generations.</li> </ul> <p><b>The ways in which the activity contributes towards the achievement of these Outcomes include:</b></p> <ul style="list-style-type: none"> <li>a) By facilitating business activity through provision of waste disposal facilities.</li> </ul>	Demand	The Council will provide public sewerage systems at Wairoa, Tuai and Mahia	<p>Sewerage systems operational at Wairoa and Tuai. (Customers can expect any blockages affecting their ability to use the sewerage system to be rectified within 8 hours)</p> <p><b>Current Status (Baseline):</b> 2007/08 – achieved – no customers affected for a period greater than 8 hours.</p> <p>Sewerage system operational at Mahia by 2010 – refer discussion at end of this table describing the proposed Mahia community wastewater scheme.</p> <p><b>Current Status (Baseline):</b> Project still in development stage.</p>

Part Two – Water Services - Sewerage

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
	Integration	The sewerage services and their management will be properly integrated with the water supply and stormwater services, with land use decision-making, and with other Council responsibilities and activities.	
	Accessibility	It will be possible for properties within the respective sewerage areas to be readily connected to the systems, and once connected, to always be able to dispose of their sewage without any problems.	Problems attended to promptly – Customers can expect any blockages affecting their ability to use the sewerage system to be rectified within 8 hours <b>Current Status (Baseline):</b> 2007/08 – achieved – no customers affected for a period greater than 8 hours.
	Quality	The sewerage system will be properly maintained and operated at all times.	No significant overflows due to inadequate maintenance, measured through compliance with HBRC consents. <b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report.
	Environmental and Other Potential Negative Effects	In all areas of the Council's provision and management of the service, the natural environment will be protected, and all potential negative economic, environmental, social and cultural effects will be identified and properly managed.	Council has current consents for all required purposes, and there has been full compliance with all of the conditions of them throughout the year. <b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report.
	Health and Safety	The systems will be managed, and sewage disposed of, in a safe manner.	No safety incidents reported through the CSR system. <b>Current Status (Baseline):</b> 2007/08 – achieved

## Part Two – Water Services - Sewerage

Community Outcomes	Service Category	Proposed Future Levels Of Service	Customer Performance Measures & Targets
Community Outcome	Service Category	Proposed Future Levels of Service	Customer Performance Measures & Targets
	Costs and Funding	The cost of service will be publicly consulted on annually – via either the LTCCP or Annual Plan preparation process. As part of that process the component funded from general rates versus user fees will also be available for public comment.	<p>Budgeted expenditure (including any Council-approved additional expenditure) not exceeded</p> <p><b>Current Status (Baseline):</b> 2007/08 – achieved – refer 2007/08 annual report</p> <p>The construction of the Mahia sewerage scheme will be achieved within approved budgets.</p> <p><b>Current Status (Baseline):</b> 2007/08 – design/consent stages budgeted for annually.</p>
	Customer Relations, Consultation, Council Responsiveness and User Satisfaction	Customers will receive prompt and efficient service.	<p>Not less than 80% of the respondents rate the service as 'fairly good or better' in the annual public satisfaction survey.</p> <p><b>Current Status (Baseline):</b> 2007/08 – achieved 87%</p> <p>A reducing number of complaints (CSR system)</p> <p><b>Current Status (Baseline):</b> 2007/08 – achieved – refer to 2007/08 annual report.</p>

**SIGNIFICANT ISSUES IN SEWERAGE**

REFER TO THE FULL SEWERAGE ACTIVITY MANAGEMENT PLAN IN VOLUME 2 OF THIS LTCCP.

**MAHIA WASTEWATER**

This remains the largest capital project on Council's horizon with an estimated cost in the order of \$12 Million. The current proposal allows to reticulate the communities of Mahia Beach, Oraka and Opoutama and treat the wastewater at a central treatment facility prior to disposal to land.

## Part Two – Water Services - Sewerage

Following several rounds of general public consultation and further specific consultation with tangata whenua, Council is currently investigating options for alternative disposal sites.

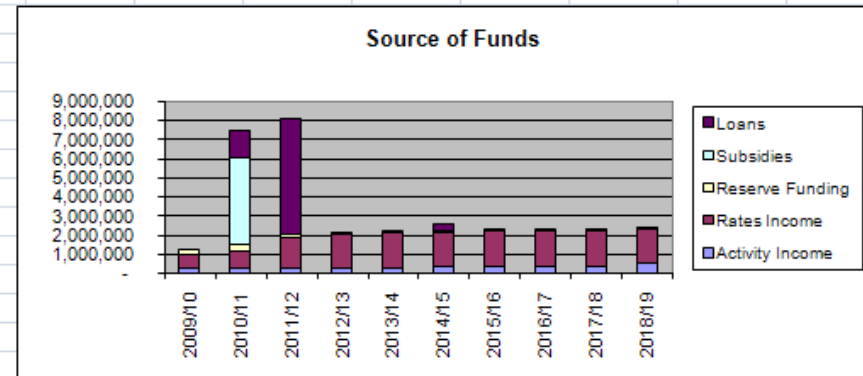
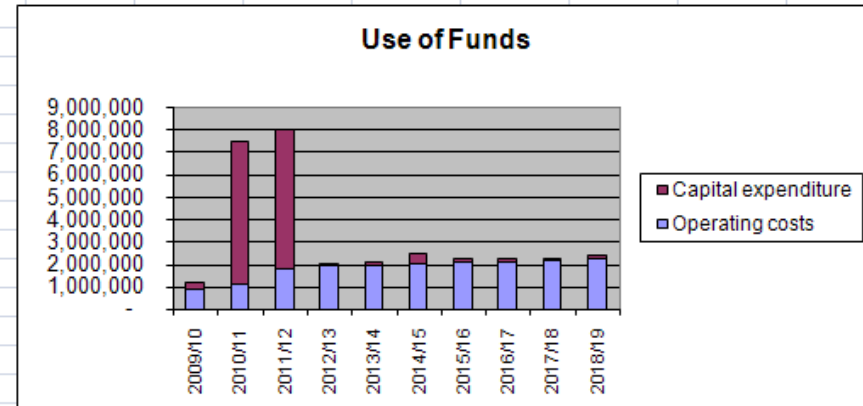
The Ministry of Health has approved subsidy of approximately \$4.5 million (excl. GST) towards the scheme, with the remainder to be funded by those who would be connected. The capital cost of the scheme will be in the order of \$10,000 - \$15,000 per household (after subsidy is taken into account) depending on what option is finally decided upon, and how long it takes to get required Resource Consents.

In the past 12 months there has been growing opposition to the cost of the scheme and the Council must balance the concerns of those residents/ratepayers with the needs of the wider district and the environment.

Part Two – Water Services - Sewerage

Activity Costs

PROJECTED 10 YEAR FINANCIAL SUMMARY - SEWERAGE			
	2009/10	2010/11	2011/12
<b>Expenditure</b>			
Operational Costs	333,450	265,076	331,645
Interest	-	94,770	484,770
Overhead Allocation	200,700	237,400	309,800
Depreciation	372,760	515,160	663,107
<b>Total Operating Costs</b>	<b>906,910</b>	<b>1,112,406</b>	<b>1,789,322</b>
<b>Activity Income - Service Charges</b>	<b>5,500</b>	<b>6,100</b>	<b>6,237</b>
<b>Net Cost of Service</b>	<b>901,410</b>	<b>1,106,306</b>	<b>1,783,085</b>
<b>Capital Expenditure</b>			
Renewals	280,000	266,160	182,574
Loan Repayments	-	20,000	75,000
New Capital	-	6,083,175	6,000,000
	280,000	6,369,335	6,257,574
<b>Funding Required</b>	<b>1,181,410</b>	<b>7,475,641</b>	<b>8,040,659</b>
<b>Funded by:</b>			
Rate Income	654,110	935,706	1,647,785
Reserves- Operational Funding	247,300	190,600	210,300
Reserves- Capital Funding	280,000	349,335	182,574
Loans	-	1,458,000	6,000,000
Subsidies	-	4,542,000	-
<b>Total Funding</b>	<b>1,181,410</b>	<b>7,475,641</b>	<b>8,040,659</b>



For further information, see the detailed Activity Management Plan in Volume 2 of this Long Term Council Community Plan. A summary of the proposed renewals and new capital works programme relating to this activity is outlined in Volume 2.