

Part Two – Waste Management

Activity Group Two Waste Management

- Waste Management

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(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 (Status Quo)	Customer Performance Measures & Targets
<p>The Community Outcomes to which this activity primarily contributes are:</p> <p>a) A Safe And Secure Community. b) A Life Time Of Good Health And Wellbeing. c) An Environment That Is Appreciated, Protected And Sustained For Future Generations.</p> <p>The ways in which the activity contributes towards the achievement of these Outcomes include:</p> <p>a) By ensuring commercial, industrial and private consumers have a means of waste disposal to facilitate business operations. b) By minimising public health risks that could arise from uncontrolled disposal of waste. c) By providing a means of waste management and facilitating education of the community in responsible waste management.</p>	<p>Demand, Accessibility and Reliability</p>	<p>a) Council will provide a landfill facility for disposal of domestic and commercial refuse b) Domestic refuse will be collected weekly from the urban areas and townships of:-</p> <ul style="list-style-type: none"> • Wairoa; • Frasertown; • Mahia (Including Mahanga & Te Mahia), Nuhaka & Morere; • Tuai & Onepoto; • Raupunga, Mohaka & Kotemaori; and • Ruakituri & Te Reinga <p>Collection will also be made from State Highways and rural roads connecting the above settlements.</p> <p>c) Recyclables will be collected weekly from the kerbside at Wairoa and Frasertown. Fortnightly recyclable collections will be undertaken at specified drop-off points in Mahia, Nuhaka, Tuai, Raupunga, Mohaka and Te Reinga.</p> <p>d) The generators of commercial and industrial refuse are expected to arrange for disposal of the refuse that they generate, themselves.</p> <p>e) All types of refuse will be accepted at the landfill, except hazardous wastes.(Persons wishing to dispose of hazardous waste should direct their enquiries to the Regional Council.)</p>	<p>Customers are satisfied with the availability of the Landfill – Refer customer satisfaction targets below.</p> <p>Collections are carried out weekly with all approved bags being collected, provided they are at the roadside by 7:30am on the day of collection. Measured primarily via the CSR complaints system – target is no valid complaints received.</p> <p>Changes to collection days (eg for public holiday) are notified in the Wairoa Star in the week prior to the changed day. (record of changes held on file with copies of advertisements).</p> <p>All approved recyclable material deposited kerbside in approved bins is collected weekly on the designated collection day. Measured primarily via the CSR complaints system – target is no valid complaints received.</p>

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Community Outcomes	Service Category	Proposed Future Levels Of Service (Status Quo)	Customer Performance Measures & Targets
	Quality	The landfill and recycling centre will be well maintained, clean and tidy at all times.	Refer customer satisfaction measures below
	Environmental – Including Negative Effects	<p>a) The Council will aim to reduce the volume of waste going to the landfill.</p> <p>b) The Council will meet all environmental standards in its management of the activity.</p> <p>c) The Council will actively promote and educate the public about ways and means of:-</p> <ul style="list-style-type: none"> • reducing; • re-using (including composting); • recycling; • recovery; and disposal of the waste. <p>d) The Council will implement measures to prevent the spread of litter.</p> <p>e) The Council will ensure that the landfill does not detract from the amenities of the neighbourhood, and that it is maintained in a clean and tidy state.</p> <p>f) The Council will take prompt action whenever refuse that has been put out for collection is spilt, or has been interfered with by dogs.</p> <p>g) The Council will provide an adequate number of litterbins in streets and public places, and will not allow them to overflow.</p>	<p>Waste Volume Trends</p> <p>Target: - A reduction in the total volume of waste (i.e. excluding diversions for reuse and recycling) going to the landfill. Not more than:-</p> <p>2009/10 – 3000 tonnes 2010/11 – 2900 tonnes 2011/12 – 2800 tonnes From 2012 reducing annually to zero waste in 2015.</p> <p>Target:- The 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>Every rural school will have the opportunity to be involved in waste reduction, re-use, recycling and recovery. Measured by having a contractual arrangement in place for delivery of education programmes.</p> <p>A bi-annual newsletter for waste education</p> <p>Litter control bylaw in place</p> <p>Fencing and screen planting along Fraser St will be maintained.</p> <p>Scrub and/or long grass will be managed to maintain amenity of the site. As a minimum, vegetation clearance will be undertaken twice annually.</p> <p>Council will arrange for the removal of spilt refuse and will take action as provided for under litter control bylaws where consistent offending by residents warrants action.</p>

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Community Outcomes	Service Category	Proposed Future Levels Of Service (Status Quo)	Customer Performance Measures & Targets
			At least the current number of bins will be maintained in Wairoa township. Litter bins will be maintained at Mahia Beach on Pohutukawa Reserve. Elsewhere Council will progressively remove refuse bins from reserves. Signage will be erected advising /encouraging reserve users to take refuse away with them. Litter bins are maintained and emptied frequently. Target is for no complaints received via CSR system.
	Health and Safety	a) The Council will ensure that the whole solid waste activity is managed in a safe manner.	No safety incidents reported through the CSR system.
	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
	Customer Relations, Consultation, Council Responsiveness and User Satisfaction	Customers will receive prompt and efficient service.	Improve the satisfaction rating each year from 2007 score of 50% up to 80% by 2012 and maintain at 80% or above thereafter.

SIGNIFICANT ISSUES IN WASTE MANAGEMENT

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

The budgets provided in the Waste Management Activity Plan allow for us to provide the Status Quo. We can expect the landfill to continue to operate as it does now, the refuse collection to continue to be user-pays, and rural services for recycling to remain as they are. There are many aspects to the waste management activity and the following sections present the most significant options for increased or decreased service levels, and associated costs. The areas where options are presented are those that have been highlighted to Council as the main concerns through informal and formal consultation processes.

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Level of Service Component – Long Term Disposal Options

Option	Option Description	Per Ratepayer (assumes Uniform Charge on 5400 Ratepayers)	Discussion (Risks & Opportunities)
Option 1 - Close Landfill	Landfilling operation ceases. All residual waste is transported out of district. Recycling centre still in operation.	120.00	Cheaper than status quo. Subject to cost fluctuations in fuel for example. Relies on 'permission' of other landfill operator. For example doubling the distance of cartage would increase the cost to around \$800,000
Option 2 - Status quo	Will require a new cell every 5 – 6 years. Current gate charges not covering all costs. Waste Management Specialist report indicates gate charge would need to increase to \$245 per tonne.	160.00	In control of our own destiny for the foreseeable future - landfill site capacity in excess of 100 years at current volumes. Costs will always be higher than elsewhere because of our small volumes of refuse. Note that under the current user-pays refuse collection system this cost would not be seen on rates but it would increase the cost of a bag of rubbish by about 80 cents.
Option 3 – Enhanced Landfill & Recovery Centre	Develop advanced municipal waste management facility - includes acceptance out of district waste (for example Gisborne)	60.00	No guarantee Gisborne want to do this. Higher volumes reduce the cost considerably. More trucks coming to town.

Level of Service Component – Landfill hours of operations

Option	Option Description	Annual Cost Estimate Total	Per Ratepayer (assumes Uniform Charge on 5400 Ratepayers)	Discussion (Risks & Opportunities)
Option 1 - Status Quo	Landfill and recycling centre open 11am - 5pm every day except some public holidays	320000	60	Missing early risers and late finishers. Survey results suggest earlier start desirable and many people have said they'd like to be able to go after work.
Option 2 - Increased weekend hours	Increase weekend hours to cater for 'early risers'	360000	70	Allows 8am - 6pm on weekends for landfill and recycling centre. Greater utilisation of services. More convenient services. Focuses primarily on urban residents

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				doing weekend 'clean-ups'
Option 3 - Increase hours throughout the week	Increase daily hours to cater for 'early risers', rural residents bringing refuse to town, commercial operators	460000	90	Allows 8am - 6pm every day for landfill and recycling centre. Greater utilisation of services. More convenient services. Focuses on rural residents dropping waste of before work, urban residents able to visit landfill after work and commercial operators able to 'get going' earlier in the day.

Level of Service Component – Accepting Waste at the Landfill

Level of Service – The Council will actively promote and educate the public about Waste Minimisation

Option	Option Description	Annual Cost Estimate Total	Per Ratepayer (assumes Uniform Charge on 5400 Ratepayers)	Discussion (Risks & Opportunities)
Option 1 - No Waste Education	Discontinue education programme in schools and general education initiatives for general public	\$0 direct cost.	0.00	\$0 direct cost - potentially substantial future cost as the next generation not equipped to make responsible choices. Contrary to Council's strategies for waste reduction. Contrary to National Standards and guidelines
Option 2 - status quo	Education programmed focussed on schools with some initiatives moving into marae, businesses, general public	30000	5.60	Innovative programmes in schools - zero waste education and 'paper for trees'. Education coming into marae and businesses. Leveraging nation-wide initiatives. Events such as E-Day coming to Wairoa. Agrecovery programme in place
Option 3 - More expenditure	Increase spending on education to target a broader cross-section of the community	50000	9.30	Spending more will enable more initiatives such as recycling at district events, education programmes as part of sporting events etc.

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Level of Service – The Council will provide an adequate number of litterbins in streets and public places

Option	Option Description	Annual Cost Estimate Total	Per Ratepayer (assumes Uniform Charge on 5400 Ratepayers)	Discussion (Risks & Opportunities)
Option 1 - Status Quo	Litter bins in place as per Council policy - CBD, rural reserves where picnic tables and toilets are located. Rural shops and urban shops outside CBD not serviced.	90000.00	17	Current situation prevails - business as usual - risk around litter at 'hot-spots' - e.g. Mahia at Christmas time. Not driving personal or producer responsibility for waste that is generated.
Option 2 - More litter bins	Extend policy areas to include more bins in rural areas, mainly Mahia. Service bins outside all shops and takeaways	130000	24	Risk - more litter on streets to be picked up. Opportunity to reduce costs and encourage less litter being generated - encourage supplier responsibility, encourage personal responsibility.
Option 3 - Less litter bins	Reduce number of bins, for example perhaps removing every second bin in CBD main street? Or remove bins from most rural areas to encourage consumer responsibility	50000	9	No encouragement for personal or producer responsibility. In some ways this is 'going backwards' from the direction of the past few years which was tending towards encouraging individual and business responsibility - encouraging people to view waste as their own problem - NOT the Council's problem. Servicing bins at all shops, takeaways etc would reduce litter problems but is the 'ambulance at the bottom of the cliff'

Level of Service – The Council will provide a domestic refuse collection service

Option	Option Description	Annual Cost Estimate Total	Per Ratepayer	Discussion (Risks & Opportunities)
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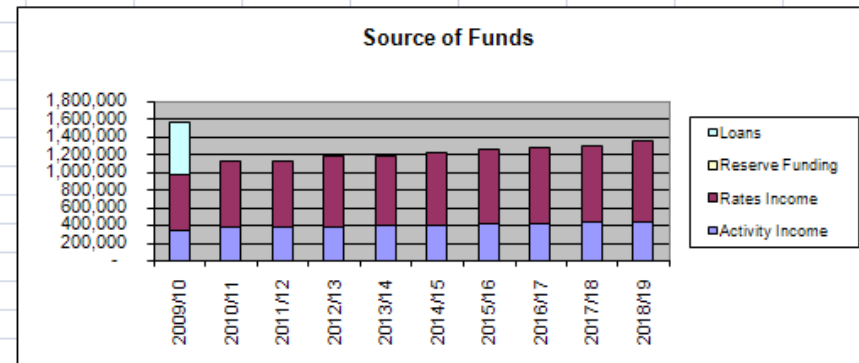
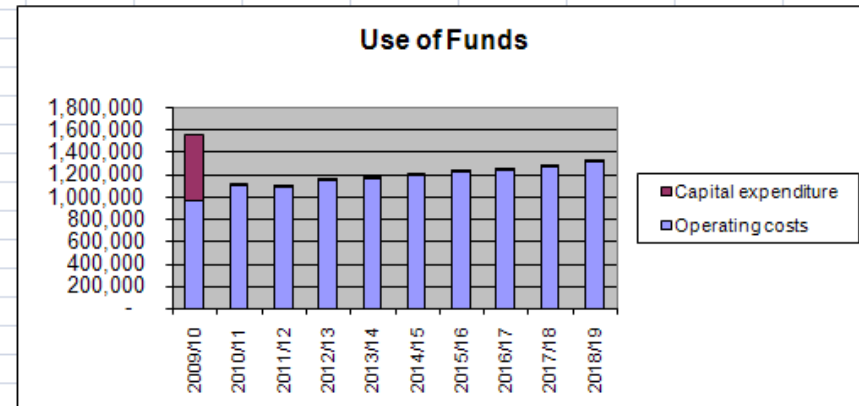
Status Quo	Fully user pays refuse collection. Customers have the option of using the Council Contractor's collection service, using a different supplier or taking their refuse own to the landfill.	no impact on rates	Urban \$120 (\$2.25/bag) Rural \$200 (\$3.90/bag) Based on 1 bag per week	<p>Impact on rates is \$0. Cost to individuals for using the service are as shown. Cost to travel to the landfill yourself and dump is approximately \$100/year when you take account of vehicle costs and dumping fees although for rural users this would be higher if a special trip was needed.</p> <p>There is a community risk that non-users utilise inappropriate refuse disposal methods (for example dumping over the riverbank).</p> <p>There are real community costs of vehicle use if it is more convenient for people not to use collection. Increased vehicle use by individuals creates more CO2 emissions.</p> <p>Poor utilisation of collection service affects economics with hidden costs passed onto general waste management costs.</p> <p>On the plus side the service is there and available for all.</p>
Partially subsidised system	Bag rate set at \$1.00 (for example) Remainder of costs funded via a uniform charge on rates	\$250,000 taken from rates plus \$1.00 per bag	\$50 on rates. \$52 to purchase 1 bag per week. Total of \$102 per year.	Encourages people to use collection service resulting in less CO2 emissions, more efficient use of resources (collective approach), retains an element of user pays to encourage continued recycling. May make recycling collection service more sustainable also.
Fully subsidised	Full collection service funded through rates.	\$370,000 - \$500,000	\$70 - \$100 (see note 2)	Dis-incentivises recycling but minimises inappropriate disposal. Contrary to New Zealand Waste Strategy.

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Activity Costs

PROJECTED 10 YEAR FINANCIAL SUMMARY - WASTE MANAGEMENT

	2009/10	2010/11	2011/12
Expenditure			
Operational Costs	747,700	834,723	853,535
Interest		39,000	39,000
Overhead Allocation	196,000	215,100	194,000
Depreciation	22,000	24,500	24,500
Total Operating Costs	965,700	1,113,323	1,111,035
Activity Income - Service Charges	330,000	365,970	374,220
Net Cost of Service	635,700	747,353	736,815
Capital Expenditure			
Renewals	-	-	-
Loan Repayments	-	5,500	5,500
New Capital	600,000	-	-
	600,000	5,500	5,500
Funding Required	1,235,700	752,853	742,315
Funded by:			
Rate Income	635,700	752,853	742,315
Reserves- Operational Funding	-	-	-
Reserves- Capital Funding	-	-	-
Loans	600,000		
Total Funding	1,235,700	752,853	742,315



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.