

Options: Western Ward

The south-western part of our District includes the communities of Helensville and Kumeu/Huapai as well as the smaller settlements of Riverhead and Waimauku. As a result of its proximity to Auckland, lifestyle blocks are very popular here but horticulture, winemaking and forestry are also important to the local economy. The Kaipara Harbour is the largest enclosed harbour in the southern hemisphere.

Service	Issue	Projects / Options	Council Role	Estimated Cost	2009 Update
Water	Sources of raw water to supply future demand from the Helensville reticulated community are limited. Investigations are underway to identify a potential future supply. Although these are continuing, some likely options have been indicated. Further community consultation will be required before any option is selected.	Raise Dam One of Mangakura supply dams.	Service provider.	Cost to be determined, ≈ \$4 million.	<i>Budget for investigation and implementation of additional ground water sources included in LTCCP 2009 – 2019.</i>
		New dam or infiltration gallery in Ohirangi Stream.	Service provider.	Cost to be determined, ≈ \$4 million.	
		Watercare pipeline - Pipeline from Waitakere boundary through Kumeu – Huapai.	Service provider.	Cost to be determined, ≈ \$4 million.	
	Helensville treatment plant and reticulation infrastructure upgrades.	Upgrade required to meet minimum revised NZ Drinking Water Standards and treat algae-affected raw water supply, proposed grading Bb. Construction to be 2004-2007.	Service provider.	\$3,072,000 budget in LTCCP.	<i>Completed.</i>
	Parakai infrastructure upgrade required to meet supply security and growth demand.	Parakai reticulation upgrades proposed. Project 2006-2008.	Service provider.	\$220,000 Budget in LTCCP.	<i>Upgrade of bulk supply main included in the LTCCP 2009 – 2019.</i>
	Muriwai supply is RDC subsidised.	RDC will investigate funding and charging model for Muriwai supply in future budgets.	Service provider.	Budget in LTCCP.	<i>No further system extension proposed.</i>
		Treatment plant upgrade to meet minimum requirements of revised NZDWS, proposed grading Bb.	Service provider.	\$125,000.	<i>Completed.</i>
		RDC will not extend existing supply to new properties or other areas of Muriwai.	Service provider.	No cost.	<i>This remains the policy.</i>
	The Fire Service has raised concerns at the potential lack of fire-fighting water in the Kumeu-Huapai industrial area.	Investigate options available for a dedicated fire-fighting water supply for the Kumeu – Huapai area. May be existing supplies that can be identified and can be made available for emergency use – ARC has suggested they may be able to assist in locating these.	Advocate/ Facilitator.	Cost to be determined.	<i>LTCCP 2009 budget includes Kumeu-Huapai water supply scheme.</i>

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Wastewater	Helensville wastewater system – a number of upgrade options identified.	Complete de-sludging of oxidation ponds.	Service provider.	2004/05 budget.	<i>Completed.</i>
		Undertake strategic review of options for future servicing.	Service provider.	Likely cost in order of \$1.2M short term \$2.2M likely 2012/2013.	<i>Major treatment plant upgrade included in LTCCP 2009 – 2019 budget.</i>
	Huapai (part only) wastewater system.	Undertake minimal upgrade to reduce overflows.	Service provider.	\$100,000.	<i>Completed.</i>
	Kumeu, Huapai, Riverhead, Waimauku – public wastewater system required.	Consult with urban communities on implementation of on-site system Warrant of Fitness (WOF) and pump-out scheme. (See district-wide section for details.)	Service provider.	\$50-\$69 per property per annum.	<i>Not implemented.</i>
		Consultation on shortlisted options for Kumeu area wastewater scheme, involves de-commissioning existing plant. Funding model to be determined.	Service provider.	\$25 million Subsidies available.	<i>Budget for new scheme included in LTCCP 2009 – 2019 budget.</i>
	Muriwai – public wastewater system required.	Consult with urban communities on implementation of on-site system Warrant of Fitness (WOF) and pump-out scheme. (See district-wide section for details.)	Service provider.	\$50-\$69 per property per annum.	<i>Not implemented.</i>
		Review options and feasibility for public system. Funding model to be determined.	Service provider.	\$5-\$9 million.	<i>Budget for new scheme included in LTCCP 2009 – 2019 budget.</i>
Dairy Flat Airport, Kaukapakapa Shelly Beach, Taupaki, Waitakere Village Urban communities where cumulative effects of private on-site systems need to be controlled.	Consult with urban communities on implementation of on-site system Warrant of Fitness (WOF) and pump-out scheme. All other properties with on-site systems in the ward may elect to join the scheme voluntarily. (See district-wide section for details.)	Service provider.	\$50-\$69 per property per annum.	<i>Not implemented. Needs to be reviewed as part of 2010 WSSA.</i>	
Stormwater	Risk of flooding and potential failure of stopbanks due to overtopping and tidal inundation. Risk of restricted access with flooding of SH16.	Development rules, flood berming through Kumeu and stopbanking in various areas; some piping upgrades. Future proposals, timeframes to be consulted in LTCCP process.	Service provider.	Not yet fully costed.	<i>Kumeu River floodway and Parakai stopbanks upgrade included in LTCCP 2009 – 2019 budget.</i>
Cemeteries	No local cemetery in Kumeu .	Long term capacity, RDC has been investigating suitable site alternatives for more than three years. Yet to be identified.	Service provider.	Dependent on selected site.	<i>Council has purchased land for future development of a cemetery.</i>

» **CONTACT US**

50 Centreway Road, Orewa,
Auckland, New Zealand

Tel: +64 9 426 5169

Fax: +64 9 426 0219

www.rodney.govt.nz

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