

**MURIWAI INFRASTRUCTURE ISSUES
SHORT-TERM ISSUES, SOLUTIONS AND ACTIONS**

Issue	Short-Term Solution	Original Short-Term Action	Update on Actions Undertaken (December 2008 – August 2010)	Proposed Next Action/s	Target Date	Estimated Cost	Available/Allocated Budget
Public health and environmental risk (including contamination of stormwater, and risk of water supply contamination) associated with inadequate on-site wastewater systems	Improve performance of existing on-site wastewater treatment and disposal systems.	1 Continue to monitor quality of water supply to ensure that contamination is not occurring.	Monitoring ongoing. No evidence of contamination to date.	Continue monitoring.	Ongoing	No additional cost – already undertaken as part of physical works contract	
		2 Discuss future consenting of new systems with ARC.	No actions undertaken.	Refer to Auckland Council.	October 2010	To be undertaken using existing staff resources	
		3 Implement interim measures to improve performance of existing systems as presented in Appendix B of December agenda report.	Refer to separate document entitled 'Interim Measures – August 10 Update'	Refer to separate document entitled 'Interim Measures – August 10 Update'	Ongoing	Refer to separate document entitled 'Interim Measures – August 10 Update'	
	Progress investigations for the provision of a public wastewater treatment and disposal scheme.	4 Advance discussions regarding a treatment plant location within the Regional Park with ARC.	Initial discussion with ARC held early 2009. Provided information to ARC in response to their query in May 2009. ARC held internal workshops in late 2009 and had further questions of the RDC approach. Desired outcome is for ARC to incorporate provision for treatment and disposal sites within the revised Regional Parks Management Plan (due to be considered for adoption in September 2010).	We have prepared a response to the ARC concerns which relate to insufficient research of alternate sites (those other than on ARC park land).	September 2010	To be determined – likely to be undertaken using existing staff resources	
		5 Continue discussions with Ngati Whatua Nga Rima o Kaipara Woodhill Forest land for wastewater treatment and disposal.	Muriwai Regional Park is currently the favoured site for wastewater treatment and disposal. Woodhill Forest site not currently being pursued.	No future action required at present.	N/A	N/A	N/A
		6 Continue to pursue alternative funding sources such as a Government Subsidy.	\$10M allocated for the proposed community wastewater scheme in the LTCCP for Year 5 (2013/14). This allows further resources to be committed to the project and opens potential funding application opportunities.	Continue to pursue alternative funding sources and better define costs associated with community scheme.	Ongoing	To be undertaken using existing staff resources	
Management of stormwater discharges to Muriwai Regional Park and the Village Green	Continue to utilise existing natural soakage areas within the Regional Park and construct a lined swale across the Village Green area to reduce the likelihood of stormwater soakage entering an abandoned landfill site under the playing field.	7 Council has obtained quotations (under a minor works Contract) for the construction of the lined swale across the Village Green and is currently in liaison with ARC Parks Officers to make sure that any of proposed RDC works do not compromise the future development of the Regional Park including the relocation of the Muriwai Surf Club clubhouse.	Swale across Village Green not considered necessary – there is no evidence that there is a stormwater issue in the area.	Obtain written approval from ARC confirming that works are not required.	October 2010	\$500 consultant fees	
Erosion of Southern Car Park, stormwater outfall and beach access	Implement preferred option as part of the Southern Car Park Reconfiguration Project, in conjunction with ARC*	8 Monitor erosion and arrange for Contractor to remove redundant lengths of stormwater pipe as erosion occurs.	A concept design for future stormwater disposal in the area has been developed.	Present concept design to Muriwai Beach Progressive Association and proceed with works.	To be determined following consultation	Consultation to be undertaken using existing staff resources Stormwater works estimated to cost \$150,000	
		9 Undertake excavation works to address erosion.	Works are now complete.	Stormwater pipe realignment (see above) and monitoring of works.	Ongoing	To be undertaken using existing staff resources	
		10 Undertake coastal planting and public access works.	ARC is currently undertaking a planting programme and providing a pathway to the beach.	Monitor the planting over winter and top-up plants as required.	Top up likely next year	ARC	

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		11 Evaluate effectiveness of existing sea wall and assess consenting requirements.	Monitoring of newly completed works and assessment of effects on current seawall.	Planning for renewal of consent (expires 2011) and adjustment of design to accommodate realigned foreshore. Review recent design and literature will result in options for further investigation and consultation.	July 2011	To be undertaken using existing staff resources	
		12 Straighten access road and provide turnaround and lookout.	Works have been discussed with locals and prices obtained.	Completed - work has been awarded to Downer EDI. Further work may be required in conjunction with 11 (above)	July 2009		
		13 RDC to ensure that any ARC works do not jeopardise RDC roading project relating to providing a turnaround.	Turnaround has been taken in to account along with additional parking.	See above.	See above	N/A	N/A
Ensure appropriate development and management of Village Green	Develop Village Green Reserve Management Plan.	14 A reserve management plan for the Village Green area is to be developed in parallel with the ARC update of the Regional Parks Management Plan for Muriwai.	Muriwai Village Green Reserve Management Plan adopted in May 2010	Include actions in next LTCCP review	November 2010	To be undertaken using existing staff resources	
Re-establishment of a new clubhouse for the Muriwai Surf Club	Provide project management assistance in order to appropriately plan the re-establishment of the clubrooms.	15 Research issues around site location, community sensitivities and infrastructural requirements in order to find a workable solution.	ARC has granted the Surf Club a site licence for establishing a new club house in Muriwai Regional Park. The ARC Regional Parks Management Plan will address access for relocated surf club (draft due for release November 2009) Resource Consent granted June 2010	No further action for RDC on this issue	June 2010	N/A	
		16 Develop a proposal outlining the solution and present to Council and the community.	Community survey conducted with independent analysis showing strong support for the Club on the location and building form. Councillors have meet with Club officials, seen presentation of building proposal and been on-site. A number of open days both for the public, locals and club members have been undertaken to flesh out comments about the building design and intended management.	N/A – see above	N/A	N/A	
		17 Establishment of a stakeholder group with joint Council/Community representation	Project Steering Group (PSG) have organised a number of meetings with various other Clubs, community organisations & locals to discuss the design of the building and how it could be managed.	N/A – see above	N/A	N/A	
Public communication regarding Muriwai infrastructure and other Council-related issues	Improve communication with the Community regarding infrastructure and other Council-related issues	18 Facilitate the establishment of a dedicated Muriwai webpage on the RDC website where updates and educational information can be posted.	No progress on the website page as Kumeu Planning was the first town trialled. New community noticeboard erected by bottom café to inform people about projects and upcoming events.	Webpage for Muriwai may be developed depending on the results of the Kumeu Planning trial. In discussions with ARC & Communications team a page will be progressed this quarter. No action here – further discussion required	October 2010	To be undertaken using existing staff resources	
		19 Set up regular Wastewater Advisory Group meetings and provide regular updates in the Muriwai Gannet newsletter.	Regular articles have been prepared for the Muriwai Gannet/North-West News. There has been no need for a Wastewater Advisory Group meeting since December.	Provide written update to Wastewater Advisory Group.	October 2010	To be undertaken using existing staff resources	