

**Erewhon Rural Water Supply**

<u>Proposed priority</u>	<u>Renewal program draft</u>		<u>2022-2032</u>				<u>Comments</u>	<u>Total Cost</u>	
	<u>Project name</u>	<u>Distance</u>	<u>Pipe material</u>	<u>Pipe size</u>	<u>Pressure</u>	<u>(Risk) Rating</u>			
1	Tama Wipaki line	1500 m	PE	40mm	16 bar	4	Customer is not getting required water flow, we are not meeting our obligations, Past maintenance is high due to silting up of line.	\$42,000	Quoted
2	Pressure relief hut to Gilberts cattle yards	1008m	PE	150mm	20 bar	3	Maintenance cost has been high.	\$270,000	estimate
3	Mangohane swamp	250 m	PE	80mm	25 bar	4	If pipe fails in swamp difficult to repair, also will reduce flow to most of the scheme. Past maintenance is moderate .	\$85,000	estimate
4	Mangohane stage 2 from where finished this year down towards River	1300m	PE - Steel	150mm	32 bar	3	This pipeline will need to be realigned to a more stable route no more than 8% longer. Past maintenance is medium.	\$509,000	estimate
5	Mangohane stage 3 starts at the finish of stage 2 to 90m short of bridge crossing.	600m	Steel	100mm	25-40 bar	4	This is on the new track that was installed for better alignment. This price is using concrete lined steel tape coated pipe, this cost is too high, have gone out to the market for options.	\$540,000	estimate
6	Pukerimu Cattle yards to Gilberts track gate	1400m	PE - Steel	150mm	25 30 bar	3	Half of this pipe alignment is in the shoulder of the road, a TMP will be required, back filling and compaction to a roading standard. Half PE and half steel.	\$600,000	estimate
7	Gilberts track to top of river crossing	1040m	Steel	100-150mm	25 -38 bar	3	All this line will need to be in steel	\$550,000	estimate
8	Rangitikei River Crossing	250m	Steel	100mm	36-42 bar	5	This project requires a design and to be tendered out. Past maintenance is low.	N/A	N/A
							<b>Total</b>	<b><u>\$2,596,000</u></b>	

This forecast is a draft only, as more up to date information is required. Operations Manager will discuss at meeting.