Stock water management IMPLEMENTATION GUIDE



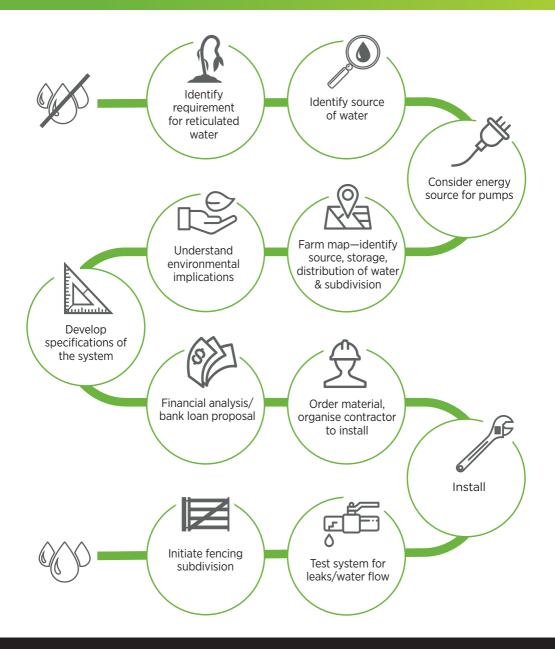
The following are issues/items you need to consider when investigating/ installing a stock water reticulation system. The items below are not necessarily in sequential order.

	Identify requirement for water— how much water is required, whereabouts on the farm?			Talk to a stock water engineer/ pipe company—consider the specification requirements for the system; pump requirements, size of storage tanks, pipe density, size/number of troughs and break pressure tanks.
	Identify a source of water. Will it provide a reliable enough supply over the summer period?			
	any near dies	Consider the energy source for any pumps. Is the source of water near an electricity line? Will a diesel motor be required? Is solar a possibility?		Do a financial analysis on the proposed scheme—estimate of costs and benefits. Identify implications for farm system/ change in stock numbers/type.
	Get	a farm map and identify: Source of water		Prepare a loan proposal for your bank.
		Source of electricity if this is to be the energy source		Finalise the design of the system— order the required pipes, troughs,
		Storage areas—where is the best place on the farm to		tanks etc. Better to over-spec than under-spec.
		pump to, to allow for gravity- feed over the rest of the farm		Organise a contractor to install the system.
		Identify which areas of the farm need to be reticulated		Install the water system.
		Identify post-water scheme subdivision.		Check the system is working and check for any leaks.
	Identify any environmental components with your scheme, ensuring that you have consent to take water (if required) and that environmental opportunities are optimised in your sub-division plan and farm system design (e.g. fencing sensitive areas such as			Start on any new fencing subdivision.
				Destroy previous dams as required.

waterways or wetlands).

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