

Traffic Light Assessment Table (for assessment of Compiled **Scheme Options Long List**)

Scope	Ref	Criterion	Description	Assessment Description		
				Meets Criterion Well	Marginally Meets Criterion	Fails to Meet Criterion
Investment Objectives	1	Avoid discharge of treated human waste directly to natural water bodies.	How well does the option avoid discharge of treated human waste directly to natural water bodies?	Option does not discharge treated human waste directly to natural water bodies.	Option may discharge treated human waste directly to natural water bodies but can be mitigated (e.g., via Papatūānuku channel).	Option discharges treated human waste directly to natural water bodies.
	2	Meet regulatory standards for treated wastewater contaminants (in terms of RMA effects assessments).	To what extent does the option meet the required regulatory standards for treated wastewater contaminants?	Option meets regulatory standards.	Option may not meet all regulatory standards, but the effect of the non-compliance is moderate / can be appropriately mitigated.	Option does not meet regulatory standards which results in a significant adverse effect that cannot be avoided, remedied, or mitigated.
	3	Minimise risk of climate change impacts on the wastewater system.	To what extent does the option minimise the risk of exposure from climate change /natural hazard impacts?	The option is not unduly exposed to natural hazard and / or climate change risks.	The option is moderately exposed to natural hazard or climate change risks, but they can be appropriately avoided or mitigated.	The option is highly exposed to natural hazard and / or climate change risks which cannot be appropriately avoided or mitigated.
Minimum Service Requirements	4	Public health risk	How well does the option minimise the public health risks associated with wastewater treatment?	Meets all public health standards and guidelines plus adds multiple barriers.	Option may not minimise public health risks but can be mitigated.	Option is not expected to minimise public health risks.
	5	Alignment with the planning and regulatory framework.	How well does the option align with the provisions of the relevant planning and regulatory framework?	The option is consistent with the planning and regulatory framework, and the consent process is likely to be straightforward.	There is some misalignment between the option and the planning and regulatory framework, but no fatal flaws that cannot be addressed.	The option is contrary to the planning and regulatory framework in multiple ways, and consents are unlikely to be secured.
	6	Constructability	How straightforward is construction of the scheme in relation to available land area, suitable site conditions and receiving environment, likelihood of land being obtained, and impacts on property / existing infrastructure?	Site conditions are favourable, and the construction process is likely to be straightforward.	Site conditions may present some challenges, but these are likely to be overcome or mitigated.	Site conditions are complex and are likely to be too challenging to pursue option.
	7	GHG emissions / Carbon footprint	Relative assessment of whole-of-life carbon footprint (embodied plus operational emissions).	Significantly reduced carbon footprint relative to current.	Reduced carbon footprint relative to current.	Similar or increased carbon footprint relative to current.

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	8	Infrastructure and technology	<p>To what extent does the option use reliable, proven, practical technology, that can be operated and maintained on the West Coast.</p> <p>And does the option have the flexibility to accommodate upgrades to meet future standards?</p>	<p>Option uses reliable, proven, and available technology, and can be operated and maintained on the West Coast.</p> <p>Option can easily accommodate upgrades to meet future standards.</p>	<p>Option uses proven technology but would require upskilling of operators and can be maintained on the West Coast.</p> <p>Option can accommodate upgrades to meet future standards.</p>	<p>Option uses new relatively unproven technology or requires highly skilled operators or high operator input and requiring input from outside the West Coast.</p> <p>Option cannot accommodate upgrades to meet future standards.</p>
Four Wellbeings	9	Māori cultural	<p>To what extent does the option recognise the partnership between the Crown (WDC) and Mana whenua (local iwi)?</p> <p>To what extent is the option likely to have adverse impacts on Mana whenua cultural and spiritual values?</p>	<p>Option aligns well with local iwi cultural and spiritual values as articulated by Mana whenua. Rangatiratanga of the Crown and Mana whenua is achieved.</p>	<p>Option is cognisant of local iwi cultural and spiritual values but the adverse effects on those values cannot be avoided completely but can be somewhat mitigated.</p>	<p>The option is offensive and contradictory to local iwi cultural and spiritual values and significant adverse effects cannot be avoided or suitably mitigated and is not mana enhancing to either partner.</p>
	10	Natural environment	<p>How well does the option avoid or minimise adverse effects on the natural environment (e.g., air and water quality, terrestrial and aquatic ecology, soils, natural character values, indigenous habitat values etc.)?</p>	<p>Option is likely to avoid significant adverse effects and result in only minor effects on the natural environment.</p>	<p>Option is likely to result in moderate effects, but these can be suitably mitigated.</p>	<p>Option is likely to result in significant adverse effects which cannot be suitably remedied or mitigated.</p>
	11	Social and community	<p>To what extent does the scheme affect social and community values such as noise, visual amenity, odour and traffic, and/or affect future land use, recreational activities and food gathering?</p>	<p>Option likely to provide enhanced / positive long-term effects on social or community values.</p>	<p>Option likely to have no net effect on social or community values, or a moderate effect that can be suitably remedied or mitigated.</p>	<p>Option likely to have significant adverse effects on social or community values that cannot be avoided, remedied, or mitigated.</p>
	12	Economic development and growth	<p>How well will the option support the population and economic growth, with flexibility to accommodate future growth?</p>	<p>Option easily upgradable to accommodate additional growth capacity.</p>	<p>Option may provide some flexibility for additional growth capacity.</p>	<p>Option does not provide flexibility for additional growth capacity.</p>