



Recovered Water Management Solution MCA workshop #2

9 June 2025

ROTORUA
LAKES COUNCIL

Recap

- What is a MCA? Multi Criteria Analysis. It's a tool used to assess and compare different alternatives and options based on a variety of criteria, both quantitative and qualitative
- Why an MCA? An MCA framework is a good tool to help guide complex decision making in infrastructure projects. Industry standard practice used by NZTA, World Bank etc.
- The Project needs a framework within which to convene a working group with Iwi partners and other stakeholders to progress the project.
- To progress past stage 1, **all** stage 1 criteria must be met.
- We need to be careful not to set the net too fine at stage 1, thus stopping an option that on additional investigation (as occurs in stage 2) would have proved to be viable.
- In both stages, fewer rather than more values is a preferred method to construct this tool.
- Stage 2 values and weightings should aim to produce a well balanced and clear recommendation.
- We have streamlined values from the 1st workshop.

What we need today

1. Some direction on stage 1 pass/fail criteria
2. Some direction on stage 2 values
3. Some direction on stage 2 weighting

Stage 1 Pass / fail criteria

1. Technical Feasibility
2. Legal & Regulatory Compliance
3. Landowner Approval / Acceptance / no-objection
4. Fits under debt headroom



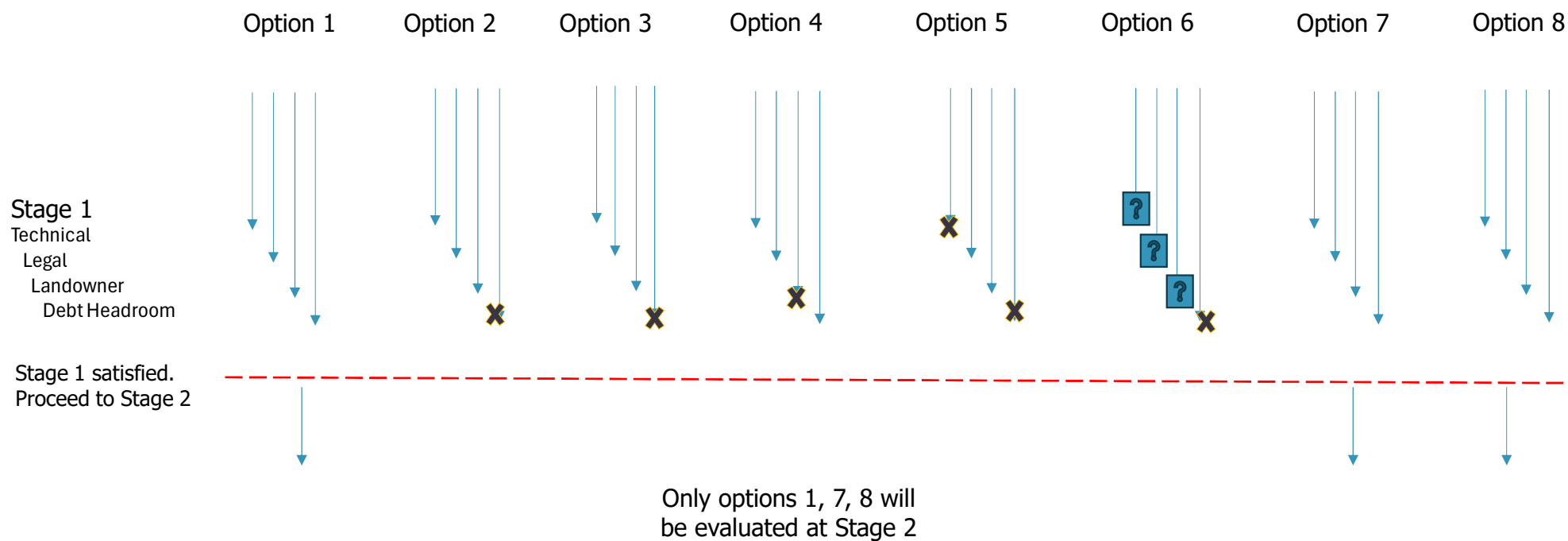
Including this means, no option will proceed past stage 1 without approaching the landowner

Including this means, no option that causes council to breach it's debt headroom will proceed past stage 1

Agree with the Stage 1 criteria?

Criteria #	Description	Include at Stage 1 (Y/N)
1	Technical Feasibility	Y (staff recommendation)
2	Legal & Regulatory Compliance	Y (staff recommendation)
3	Landowner Approval / Acceptance / no-objection	?
4	Debt headroom	?
5	Any others to be added?	?

Stage 1 of MCA



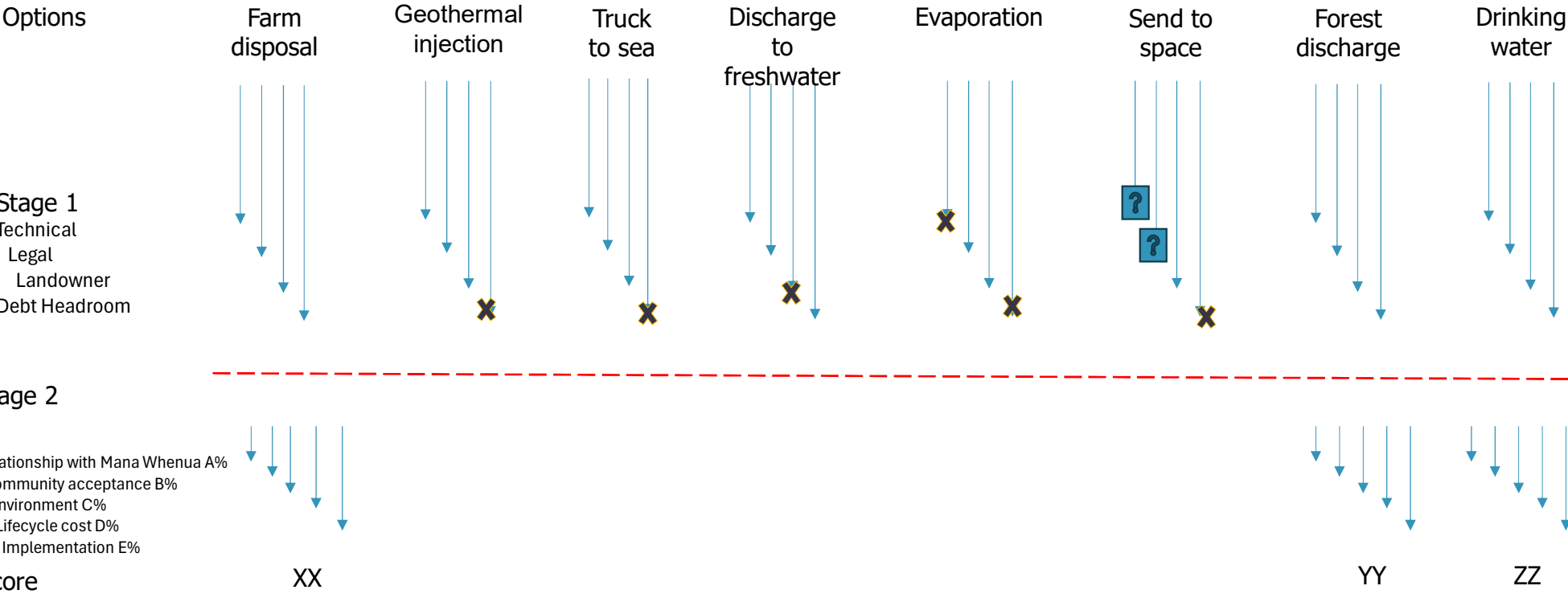
Stage 2 Values

1. Relationship with Mana Whenua
2. Community acceptance and support
3. Water health (Te Mauri O Te Wai) & Environmental outcomes
4. Total lifecycle cost including wider economic value to the community
5. Implementation risk
6. Add any others?

Agree with the stage 2 values?

Value #	Description	Decision (Y/N)
1	Relationship with Mana Whenua	-
2	Community acceptance and support	-
3	Water health (Te Mauri O Te Wai) & Environmental outcomes	-
4	Total lifecycle cost	-
5	Implementation risk	-
6	Add any others?	-

Stage 2 of MCA



Eg. Road reseal Vs new highway

Value	Description	Weighting Road reseal	Weighting New highway
1	Relationship with Mana Whenua	0%	15%
2	Community acceptance and support	0%	15%
3	Environmental outcomes	10%	10%
4	Total lifecycle cost	80%	30%
5	Implementation risk	10%	30%
6	Add any others?		
	Total	100%	100%

Weightings for stage 2

Value	Ex1	Ex2	Cr1	Cr2	Cr3	Cr4	Cr5	Cr6	Cr7	Cr8	Cr9	Cr10	Cr11	Mean
Relationship with Mana Whenua	10%	20%												
Community acceptance	10%	20%												
Environmental impact	15%	20%												
Total Lifecycle Cost	30%	20%												
Implementation Risk	35%	20%												
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Next steps

1. Decision making paper to council
2. Vote on Stage 1 pass/fail criteria
3. Vote on Stage 2 values
4. Vote to accept staff recommendation on weightings

Pātai? Questions?

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