PAA MCDA CRITERIA – REGULATORY CONSENTING AND POLICY RISK

Management	Pathway		Pathway Description			Regulatory consenting and policy r
Unit		Short term	Medium term	Long term	Score	Notes
gement Unit 11A: Paekākāriki (Erosion Unit)	1	Status Quo ¹ and Community Education and Emergency Management ⁴	Sea wall ¹³ (Protect – Hard Engineering)	Re-establish the line with a setback protection structure ¹⁰ (Retreat & Protect)	2	 Planning framework generally provides for maintenance and Significant upgrades may be considered a new seawall under A new seawall or a setback structure would be considered a regulatory framework. The existing framework discourages ha reasonable or practical option having discounted other risk ma available through the rules of relevant regional and district plate. Existing environment contains sea walls which may be considered of Plan changes are currently required to implement retreat of
Mana	2	Status Quo ¹ and Community Education and Emergency Management ⁴	Sea wall ¹³ (Protect – Hard Engineering)	Enhance Sea wall ² (Protect – Hard Engineering)	4	 Planning framework generally provides for maintenance and Significant upgrades may be considered a new seawall under The existing policy framework discourages hard protection e option having discounted other risk management options. A coordinate of relevant regional and district plans. Existing environment contains sea walls which may be considered of the option only one option is being adopted in this pathway, and consent, there are the least regulatory processes.

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3	Status Quo ¹ and Community Education and Emergency Management ⁴	Re-establish the line with a setback protection structure ¹⁰ (Retreat & Protect)	Enhance protection structure ² (Protect – Hard Engineering)	2	 Planning framework generally provides for maintenance and Significant upgrades may be considered a new seawall under Plan changes are current required to implement retreat of prise A new seawall or a setback structure would be considered a hregulatory framework. The existing framework discourages har reasonable or practical option having discounted other risk main available through the rules of relevant regional and district plan Existing environment contains sea walls which may be considered a horizon of the rules of relevant regional and district plan
4	Status Quo ¹ and Community Education and Emergency Management ⁴	Re-establish the line with a setback protection structure ¹⁰ and Dune reconstruction ¹¹ (Retreat & Protect)	Beach renourishment ¹⁰ (Protect – Soft Engineering)	2	 Planning framework generally provides for maintenance and a Significant upgrades may be considered a new seawall under Plan changes are current required to implement retreat of pri A new seawall or a setback structure would be considered a hregulatory framework. The existing framework discourages have reasonable or practical option having discounted other risk main available through the rules of relevant regional and district plan Existing environment contains sea walls which may be considered a province of the environment environment sea walls which may be considered and the environment environment environment sea walls which may be considered and the environment environm

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	1	Status Quo ¹ and Community Education and Emergency Management ⁴	Enhance existing protection structure ² , Community Education and Emergency Management ⁴ (Enhance)	Re-establish the line with a setback protection structure ¹⁰ (Retreat & Protect)	2	 For status quo we have assumed that no one is trying to enhappoint of view there is little difference between the status quo a is reasonably permissive of building resilience into existing structure. The planning framework generally provides for maintenance upgrades may be considered a new seawall under the Natural A new seawall or a setback structure would be considered a laregulatory framework. The existing framework discourages has reasonable or practical option having discounted other risk ma available through the rules of relevant regional and district plate.
						 Plan changes are current required to implement retreat of pr
	2	Enhance existing protection structure ² , Community Education and Emergency Management ⁴ (Enhance)	Sea wall ¹³ (Protect – Hard Engineering)	Re-establish the line with a setback protection structure ¹⁰ (Retreat & Protect)	2	 The current regulatory framework is reasonably permissive of The planning framework generally provides for maintenance upgrades may be considered a new seawall under the Natural A new seawall or a setback structure would be considered a laregulatory framework. The existing framework discourages has reasonable or practical option having discounted other risk ma available through the rules of relevant regional and district plate. Existing environment contains sea walls which may be considered to implement retreat of provides of the rules of relevant regional and district plate.
)	3	Enhance existing protection structure ² , Community Education and Emergency Management ⁴ (Enhance)	Re-establish the line with a setback protection structure ¹⁰ (Retreat & Protect)	Enhance sea wall ² (Protect – Hard Engineering)	2	 The current regulatory framework is reasonably permissive of The planning framework generally provides for maintenance upgrades may be considered a new seawall under the Natural A new seawall or a setback structure would be considered a laregulatory framework. The existing framework discourages has reasonable or practical option having discounted other risk ma available through the rules of relevant regional and district plate. Existing environment contains sea walls which may be considered to implement retreat of principal considered to implement contains considered to implement retreat of principal considered to implement contains considered co
	4	Enhance existing protection structure ² , Community Education and Emergency Management ⁴ (Enhance)	Re-establish the line with a setback protection structure ¹⁰ and Dune reconstruction ¹² (Retreat & Protect)	Beach renourishment ¹⁰ (Protect – Soft Engineering)	2	 The current regulatory framework is reasonably permissive of The planning framework generally provides for maintenance upgrades may be considered a new seawall under the Natural A new seawall or a setback structure would be considered a laregulatory framework. The existing framework discourages has reasonable or practical option having discounted other risk ma available through the rules of relevant regional and district place.

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					• Existing environment contains sea walls which may be conside
					 Plan changes are current required to implement retreat of pri
					 Existing policy framework encourages soft engineering approace engineering.
					 The existing framework discourages hard protection except w option having discounted other risk management options. A cor of relevant regional and district plans.
5	Sea wall ¹³ (Protect – Hard Engineering)	Enhance Sea wall ² (Protect – Hard Engineering)	Enhance Sea wall ² (Protect – Hard Engineering)	4	• Existing environment contains sea walls which may be conside
					 The planning framework generally provides for maintenance a upgrades may be considered a new seawall under the Natural R
					 Given only one option is being adopted in this pathway, and t consent, there are the least regulatory processes.
6	Status Quo ¹ and Community Education and Emergency Management ⁴	Enhance existing protection structure ² , Community Education and Emergency Management ⁴ (Enhance)	Sea wall ¹³ (Protect – Hard Engineering)	3	 For status quo we have assumed that no one is trying to enhapoint of view there is little difference between the status quo at is reasonably permissive of building resilience into existing struct. The planning framework generally provides for maintenance at upgrades may be considered a new seawall under the Natural R
					 A new seawall or a setback structure would be considered a h regulatory framework. The existing framework discourages have reasonable or practical option having discounted other risk man available through the rules of relevant regional and district plan Existing environment contains sea walls which may be considered.
7	Status Quo ¹ and Community Education and Emergency Management ⁴	Sea wall ¹³ (Protect – Hard Engineering)	Enhance Sea wall ² (Protect – Hard Engineering)	4	 Existing environment contains sea walls which may be considered. For status quo we have assumed that no one is trying to enhal point of view there is little difference between the status quo at is reasonably permissive of building resilience into existing struct. The planning framework generally provides for maintenance at upgrades may be considered a new seawall under the Natural R A new seawall or a setback structure would be considered a hiregulatory framework. The existing framework discourages have reasonable or practical option having discounted other risk mar available through the rules of relevant regional and district plant. Existing environment contains sea walls which may be considered. Given only one option is being adopted in this pathway, and the consent, there are the least regulatory processes.

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Management	Pathway	Pathway Description			Regulatory consenting and policy risk	
Unit		Short term	Medium term	Long term	Score	Notes
Management Unit 11B: Paekākāriki (Inundation Unit)	1	Status Quo ¹ and Community Education and Emergency Management ⁴	Enhance Existing Inundation Protection ³ and Community Education and Emergency Management ⁴ (Enhance)	Additional Hard Protection (e.g. Stopbanks ¹³ , Culverts ¹⁴ , Pumpstations ¹⁵) (Protect)	3	 Maintenance of infrastructure is generally a condition of resource Generally, there is a pathway for consenting new infrastructure of infrastructure. The existing consented infrastructure will be considered. The specific type and location of the infrastructure will determine
	2	Status Quo ¹ and Community Education and Emergency Management ⁴	Enhance Existing Inundation Protection ³ and Community Education and Emergency Management ⁴ (Enhance)	Elevate floor levels of buildings ⁸ or Flood proofing buildings and infrastructure ⁶ (Accommodate)	4	 Maintenance of infrastructure is generally a condition of resource Generally, there is a pathway for consenting new infrastructure of infrastructure. The existing consented infrastructure will be conside The specific type and location of the infrastructure will determine No resource consent is required for flood proofing buildings. Elevating floor levels is permitted by the District Plan but may be as height in relation to boundary.
	3	Status Quo ¹ and Community Education and Emergency Management ⁴	Additional Hard Protection (e.g. Stopbanks ¹⁴ , Pumpstations ¹⁵) (Protect)	Enhance Existing Inundation Protection ³ (Enhance)	3	 Maintenance of infrastructure is generally a condition of resource Generally, there is a pathway for consenting new infrastructure of infrastructure. The existing consented infrastructure will be consideened. The specific type and location of the infrastructure will determine
	4	Enhance Existing Inundation Protection ³ and Community Education and Emergency Management ⁴ (Enhance)	Additional Hard Protection (e.g. Stopbanks ¹⁴ , Pumpstations ¹⁵) (Protect)	Enhance Existing Inundation Protection ³ (Enhance)	3	 Maintenance of infrastructure is generally a condition of resource Generally, there is a pathway for consenting new infrastructure of infrastructure. The existing consented infrastructure will be consideened. The specific type and location of the infrastructure will determine
	5	Enhance Existing Inundation Protection ³ and Community Education and Emergency Management ⁴ (Enhance)	Elevate floor levels of buildings ⁸ or Flood proofing buildings and infrastructure ⁶ (Accommodate)	Additional Hard Protection (e.g. Stopbanks ¹⁴ , Pumpstations ¹⁵) (Protect)	3	 Maintenance of infrastructure is generally a condition of resource Generally, there is a pathway for consenting new infrastructure of infrastructure. The existing consented infrastructure will be conside The specific type and location of the infrastructure will determine No resource consent is required for flood proofing buildings. Elevating floor levels is permitted by the District Plan but may be as height in relation to boundary.

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