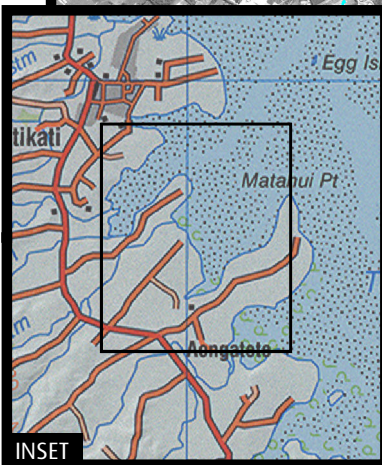
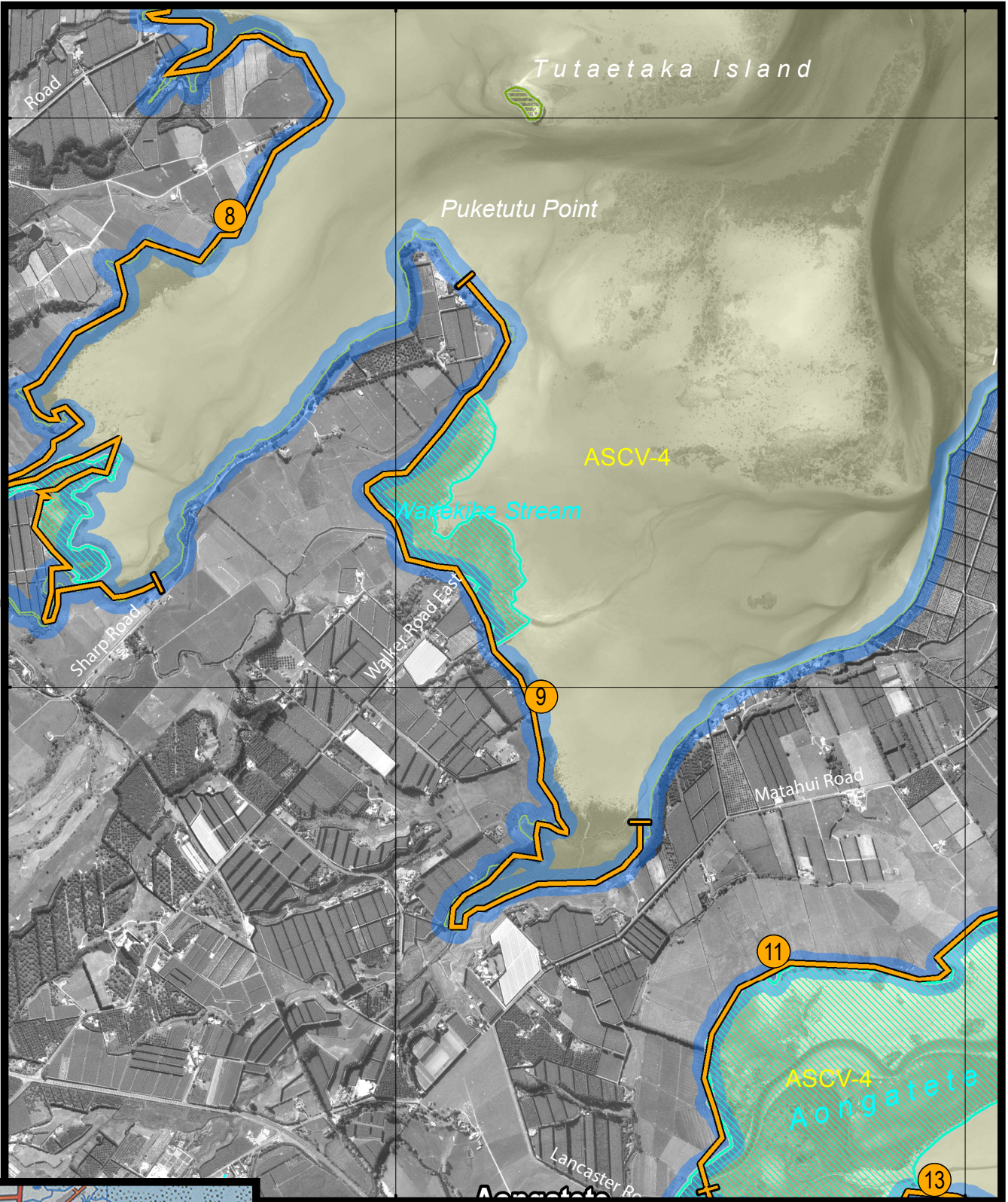


Site 09	Puketutu Point	Risk ranking: 2
DESCRIPTION		
Small areas of saltmarsh with mangrove edge. Low energy tidal flow, Exposed intertidal sand flats below mid-tide. Cliff/steep bank behind site. Wainui River.		
Foreshore type/environmental value	Sandy/muddy shores, riparian vegetation (mangroves) Habitat (intertidal) All shore segments have “habitat value” All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/ cultural value	
Map sheets	TOPO 50 BD36 Lower Kaimai	Chart Number NZ 541
Segments	TAU-00520	
At Risk Resources		
<ul style="list-style-type: none"> • Banded rail (kataitai), North Island fernbird (mātātā) • Whitebait (inanga) habitat • Cultural sites/resources: <ul style="list-style-type: none"> ▪ Whitebait (inanga) harvest ▪ U14/1174 (Midden), U14/1170 (Midden/pits) 		
Notes		
Where possible, oil should be prevented from entering the harbour		
Actions		
<ul style="list-style-type: none"> • Prevent/minimise oil ingress into this system. Booming may be useful to protect the intertidal area of Waitekohe Stream and will need to be assessed • Clean shoreline according to relevant STM. (Sandy, saltmarsh and reeds clean-up) • If oil enters low energy, sensitive areas, clean-up to determined in consultation with environmental advisor • Notify wildlife team of potential for oiling • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required 		
Access		
Foot access via Walker Road East. Access may be difficult at high tide, mud flats may be soft at low tide.		

Preferred Response Option Matrix

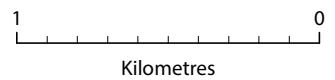
	Most preferred	Least preferred	Feasibility
Containment and Recovery	Medium		Large area, access difficult
On water Recovery	High		Difficult due to shallow water
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Access difficult, mangroves
Natural Recovery	High		Ongoing monitoring



LEGEND

-  SCAT Sites
-  Shorebird Roosts
-  Site District of Local Significance
-  Coastal Habitat Preservation Zone
-  Beach Accessways
-  Area Sensitive to Coastal Hazards
-  ASCV-4 Area of Significant Conservational Value

SITE 9 Puketutu Point Oil Spill Management Plan



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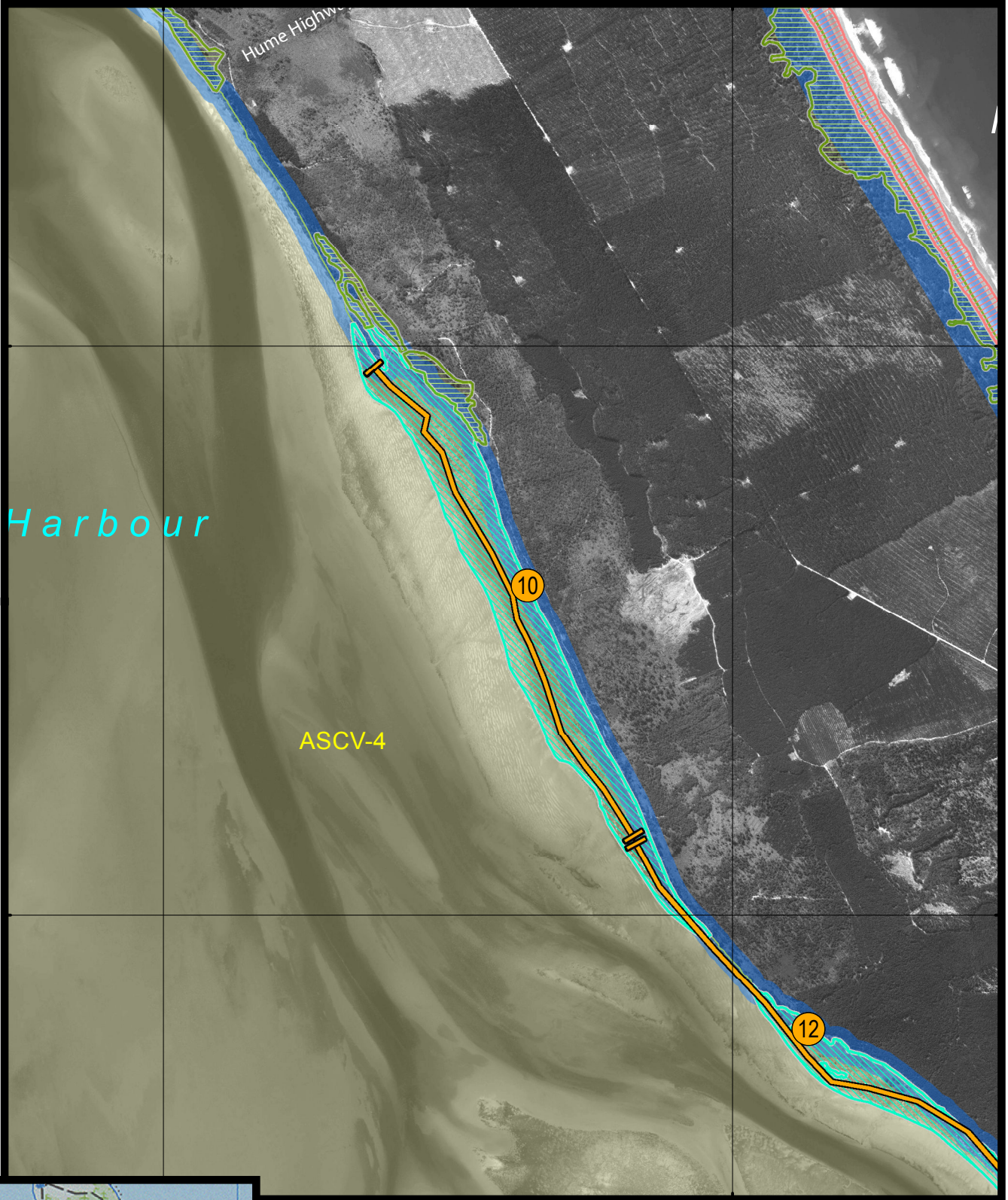
Site 10	Matakana North	Risk ranking: 3
DESCRIPTION		
The section of internal water on the western side of Matakana Island includes; saltmarsh, with narrow edge of mangrove in places, there is Manuka behind. Moderate tidal flow, with exposed sand flats below mid-tide.		
Foreshore type/environmental value	Sandy/muddy shores, riparian vegetation, mangrove with saltmarsh in behind All shore segments have “habitat value” All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/ cultural value	
Map sheets	TOPO 50 BC36 Katikati	Chart Number NZ 541
Segments	TAU-00760	
At Risk Resources		
<ul style="list-style-type: none"> • Banded Rail (katakaitai), Spotless Crake (pūweto), Marsh Crake (koitareke), Fernbird (mātātā) • Intertidal habitat • Cultural resources: Oysters, fishing, mudsnail (titiko) 		
Notes		
Where possible, oil should be prevented from entering the harbour.		
Actions		
<ul style="list-style-type: none"> • Prevent/minimise oil ingress into this system • Notify wildlife team of potential for oiling • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required 		
Access		
Access through Matakana Island via 4WD and foot. Ensure permit arranged with forestry company.		

Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Possible using natural collection points
On water Recovery	High		Suitable if ORV or similar available
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	High		Beach pre-clean required, prevailing weather on this coast
Natural Recovery	Medium		Limited public access

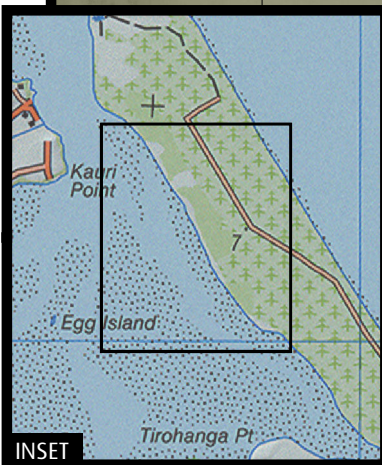
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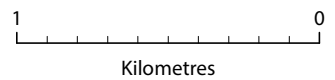
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LEGEND

-  SCAT Sites
-  Shorebird Roosts
-  Site District of Local Significance
-  Coastal Habitat Preservation Zone
-  Beach Accessways
-  Area Sensitive to Coastal Hazards
-  ASCV-4 Area of Significant Conservational Value

SITE 10 Matakana North Oil Spill Management Plan



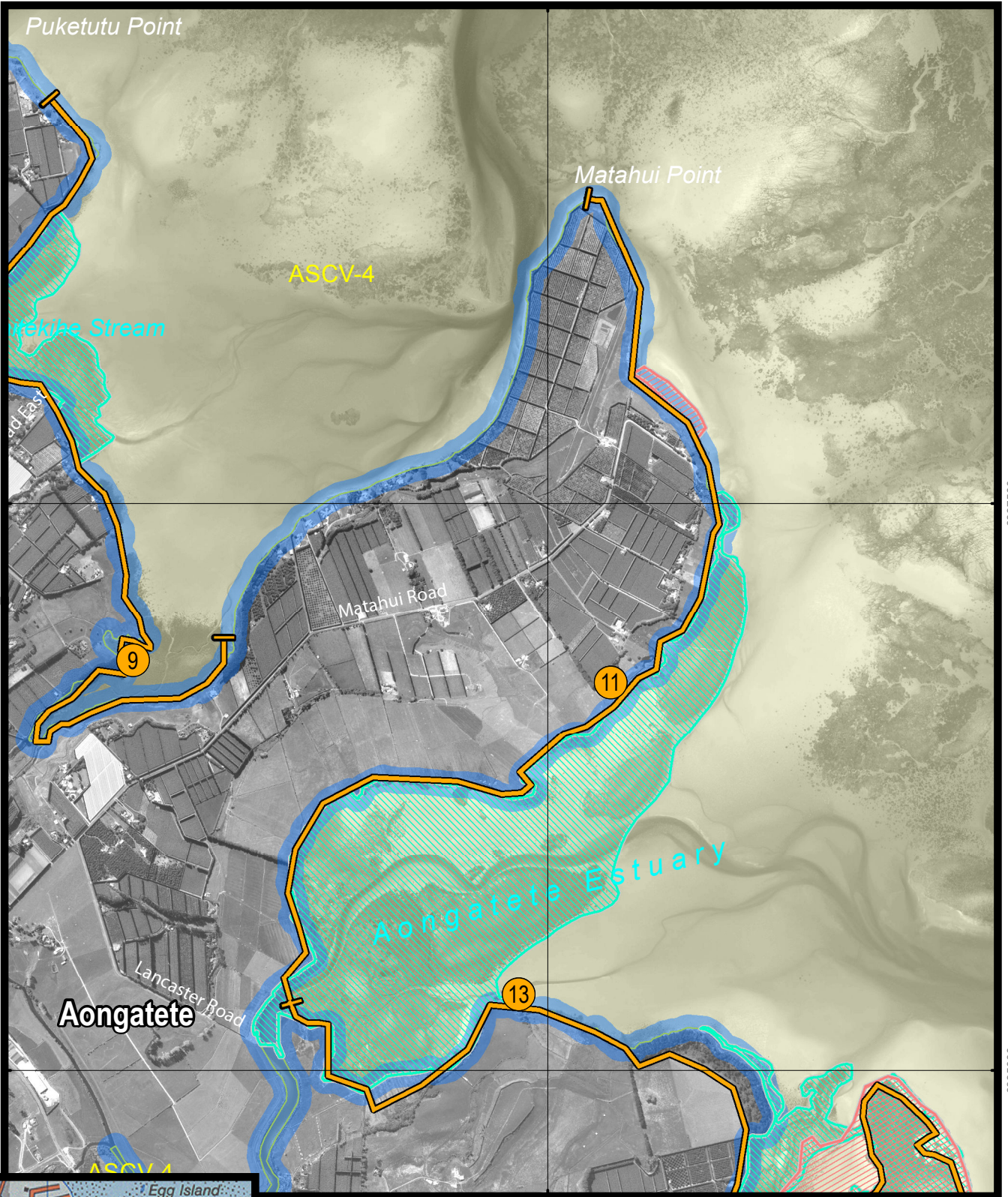
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Site 11	Maheka Point	Risk ranking: 2
DESCRIPTION Sand spit, important high tide roost for migratory wading birds, e.g. 1000+ godwits. Includes narrow saltmarsh strip running to southeast.		
Foreshore type/environmental value	Sand, mud, riparian vegetation, mangroves and saltmarsh All shore segments have “habitat value” All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/cultural value	
Map sheets	NZ Topo 50 BD36 Lower Kaimai	Chart Number NZ 541
Segments	TAU-00500	
At Risk Resources		
<ul style="list-style-type: none"> • North Island fernbird (mātātā), banded rail (kataitai), migratory wading birds, NZ Dotterel • Whitebait (inanga) • Saltmarsh and mangrove • Cultural resources: <ul style="list-style-type: none"> ▪ Mahinga kai 		
Notes		
<ul style="list-style-type: none"> • Where possible, oil should be prevented from entering the Tauranga Harbour • Moderate energy water flows, oil pooling may result behind spit 		
Actions		
<ul style="list-style-type: none"> • Prevent/minimise oil ingress into this system • Notify wildlife team of potential for oiling • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required 		
Access		
<ul style="list-style-type: none"> • By boat or across private land via boat, access is via a wharf on the eastern end of Rangiwaea Island 		

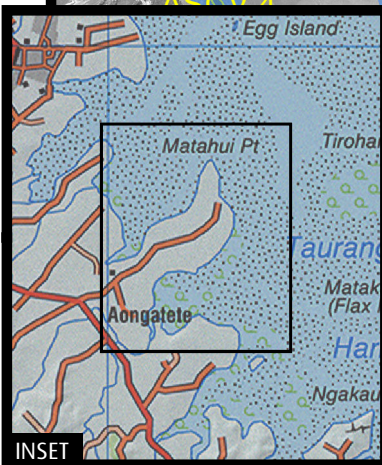
Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Possible in area behind spit
On water Recovery	Low		Unlikely due to depth
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Limited and difficult access
Natural Recovery	Medium		On-going monitoring



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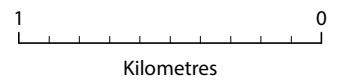
INSET

LEGEND

- SCAT Sites
- Shorebird Roosts
- Site District of Local Significance
- Coastal Habitat Preservation Zone
- Beach Accessways
- Area Sensitive to Coastal Hazards
- Area of Significant Conservational Value

SITE 11 Maheka Point

Oil Spill Management Plan



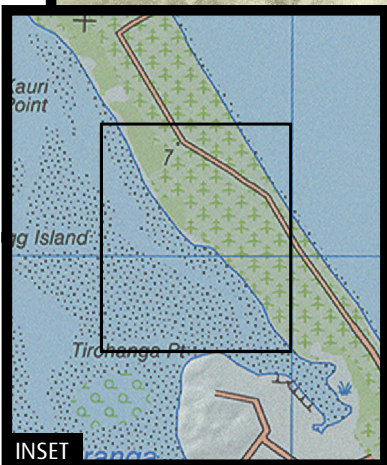
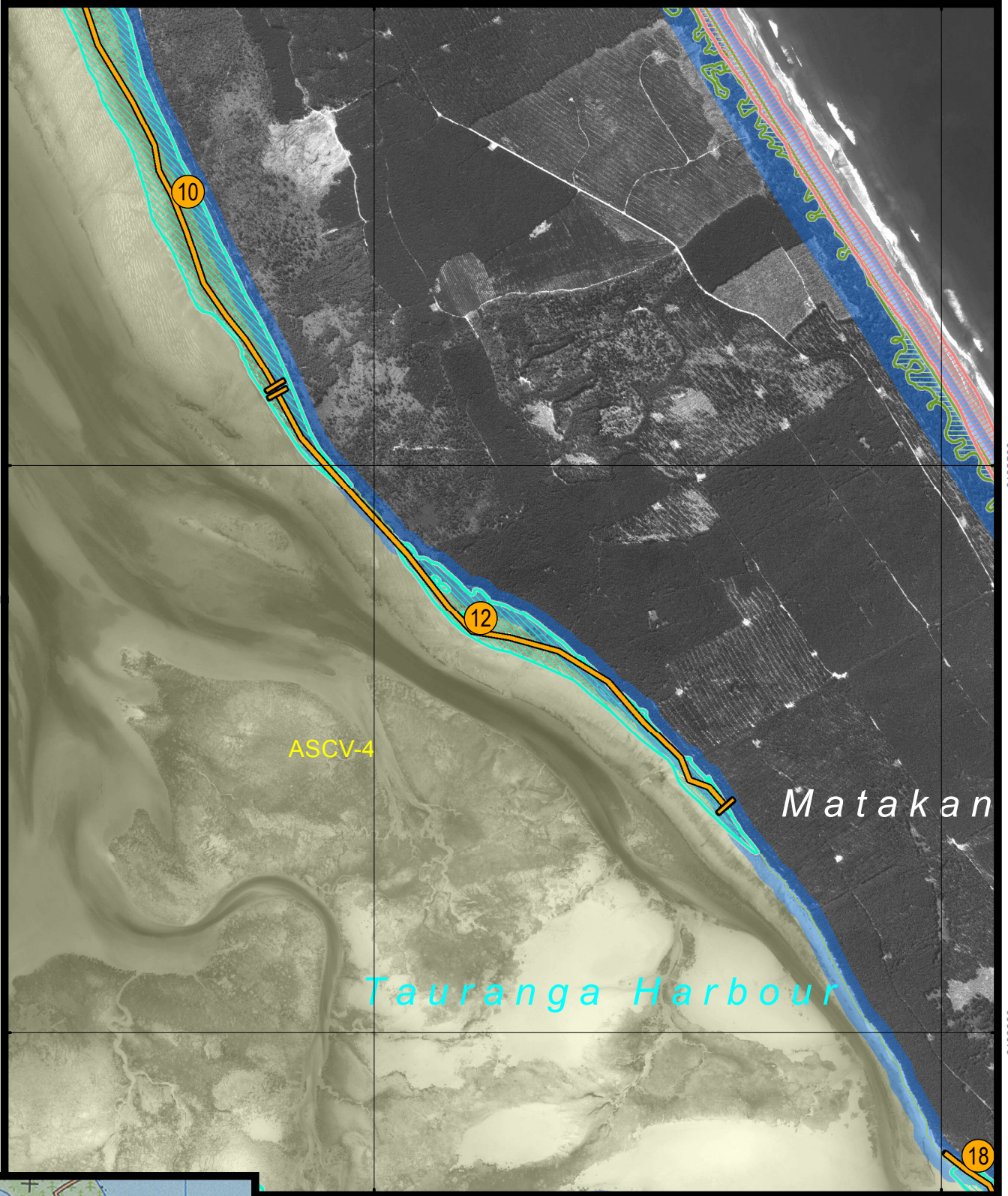
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Site 12	Matakana South	Risk ranking: 3
DESCRIPTION The section of internal water on the western side of Matakana Island includes; saltmarsh, with narrow edge of mangrove in places, there is Manuka behind. Moderate tidal flow, with exposed sand flats below mid-tide.		
Foreshore type/environmental value	Sandy/muddy shores, riparian vegetation All shore segments have “habitat value” All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/cultural value	
Map sheets	TOPO 50 BC36 Katikati	Chart Number NZ541
Segments	TAU-00770	
At Risk Resources <ul style="list-style-type: none"> • Banded Rail (katakaitai), Spotless Crake (pūweto), Marsh Crake (koitareke), Fernbird (mātātā), Godwit (kuaka) • Intertidal habitat • Sites have high shorebird concentrations at high tide • Cultural resources: fishing, oysters, mud snail (titiko) 		
Notes Where possible, oil should be prevented from entering the Tauranga Harbour.		
Actions <ul style="list-style-type: none"> • Prevent/minimise oil ingress into this system • Notify wildlife team of potential for oiling • Discuss pre-clean-up of intertidal debris - tidal range specific – with wildlife team • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required 		
Access Access through Matakana Island via 4WD and foot. Ensure permit arranged with forestry company. No 4WD access in tidal zone		

Preferred Response Option Matrix

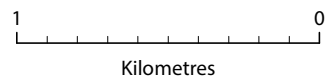
	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Use natural collection points where possible
On water Recovery	High		If ORV or similar available
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	High		Beach pre-clean required
Natural Recovery	Medium		Limited public access



LEGEND

- SCAT Sites
- Shorebird Roosts
- Site District of Local Significance
- Coastal Habitat Preservation Zone
- Beach Accessways
- Area Sensitive to Coastal Hazards
- ASCV-4

SITE 12 Matakana South Oil Spill Management Plan



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