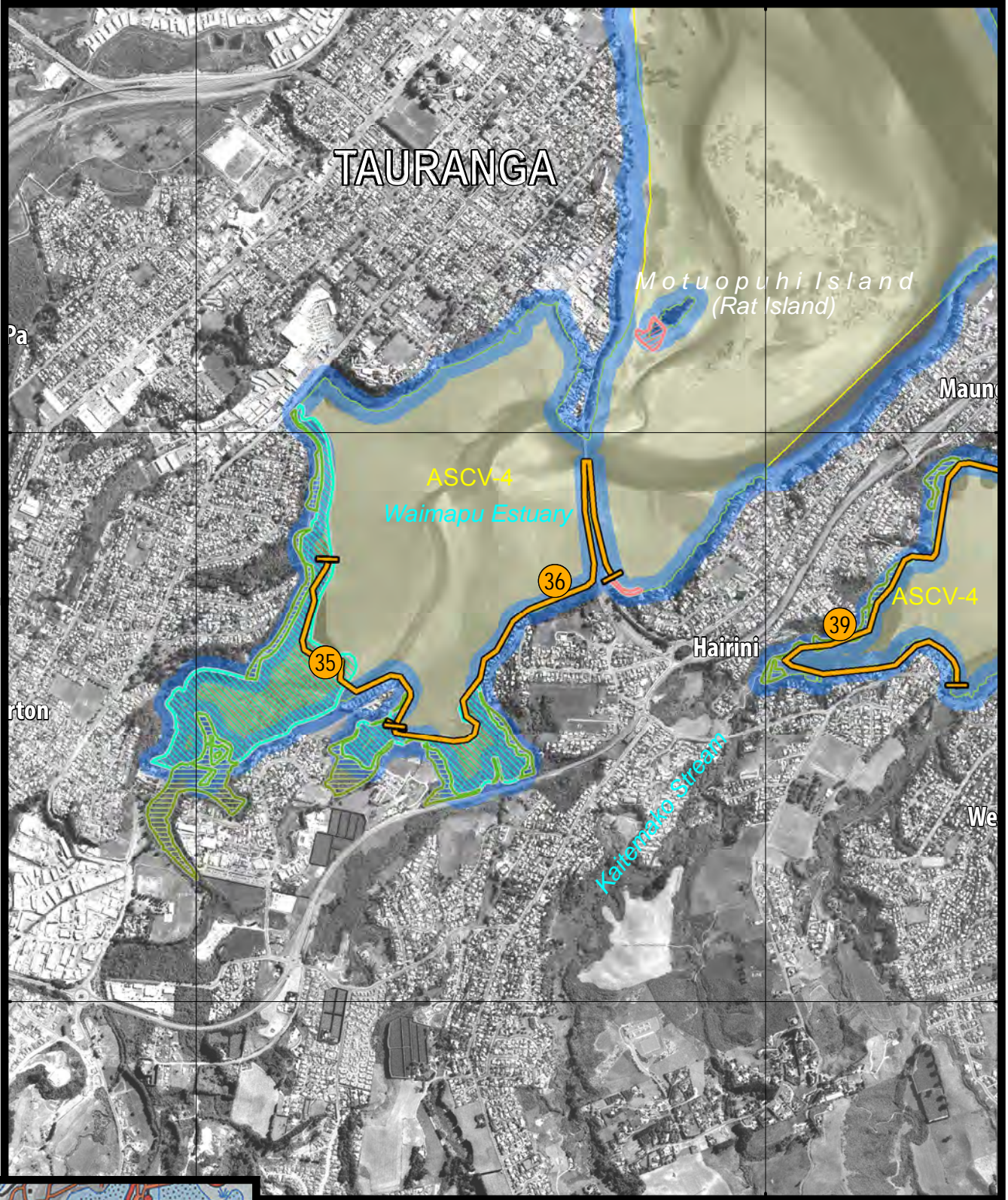


Site 36	Waimapu –Windermere	Risk ranking: 3
DESCRIPTION Saltmarsh with mangrove edge. Low energy intertidal mudflat.		
Foreshore type/environmental value	Sandy, muddy shores, riparian vegetation. Habitat (shoreline), contact.	
Map sheets	NZMS 260 Series BD 37 Tauranga	Chart Number NZ 541
Segments	TAU-00180	
At Risk Resources		
<ul style="list-style-type: none"> • Banded rail (katakaitai), North Island fern bird (mātātā), pukeko Oi Oi – Jointed Sagebrush (Apodasmia similis) • Rimurehia/Zostera Species • Flounder (pātiki) • Cultural resources: mahinga kai 		
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 • Booming may be an effective option across the mouth of Waiorohi Stream • Notify wildlife team of potential for oiling • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required 		
Access Via SH 29 through Sanctuary Point Motor Camp or via Turret Road through Silver Birch Motor Camp.		

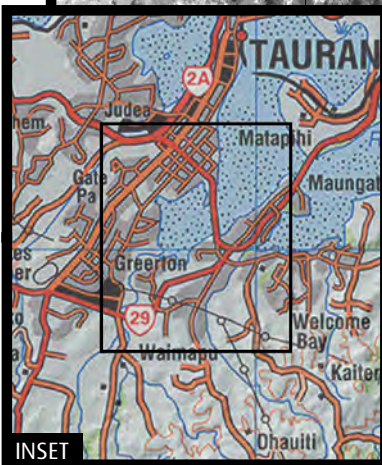
Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Booming possible of the stream, deflection booming near bridge an option
On water Recovery	Medium		Area dries at low tide, muddy
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Limited access
Natural Recovery	Medium		Limited public access



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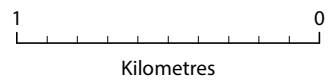
INSET

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 36 Waimapu -Yatton Windermere

Oil Spill Management Plan



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Site 37	Waipu Bay/Tauranga Airport	Risk ranking: 3
DESCRIPTION Waipu Bay is adjacent to the Tauranga Airport.		
Foreshore type/environmental value	Sandy/muddy shores. Habitat (intertidal), contact. All shore segments have "habitat value".	
Map sheets	NZ Topo 50 BD37 Tauranga	Chart Number NZ 541
Segments	TAU-00050	
At Risk Resources		
<ul style="list-style-type: none"> • Birds on site include: banded rail (kataitai), North Island fern bird (mātātā), pukeko, variable oystercatcher (tōrea pango), turnstone, NZ Dotterel, migratory wader species. • Fish include: flounder (patiki), stingray (whai) • Cultural resources: Whareroa Marae and boat ramp 		
		
<ul style="list-style-type: none"> • All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/cultural value 		
Notes		
<ul style="list-style-type: none"> • Where possible, oil should be prevented from entering the Tauranga Harbour • Booming possible from the boat ramp to the Tauranga Marina Bridge 		
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

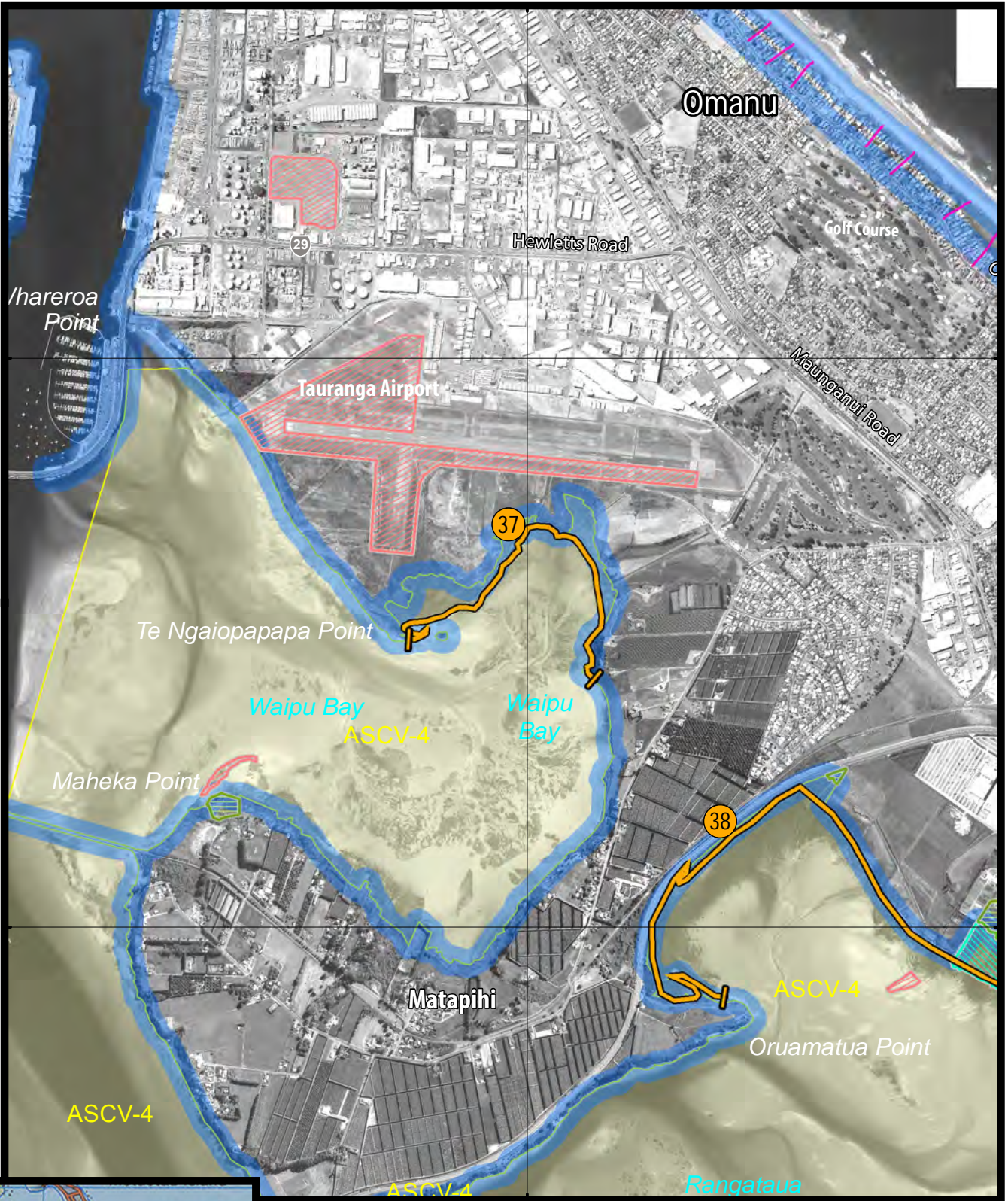
Boat ramp, Whareoroa Marae.

No vehicles to enter tidal zone, foot access along water's edge only.

No access onto Tauranga Airport from the harbour, however the airport emergency service may allow vehicle access around airport perimeter if escorted.

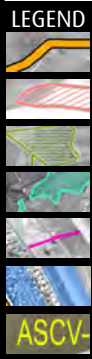
Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Booming of this area is possible but there are strong tidal flows
On water Recovery	High		Possible prior to entering bay area
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow in the bay area
Shoreline Clean-up	Medium		Sandy beach area at entrance easier to clean
Natural Recovery	Medium		No vehicle access along tidal area



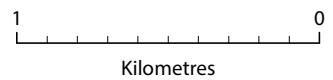
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- SCAT Sites
- Shorebird Roosts
- Site District of Local Significance
- Coastal Habitat Preservation Zone
- Beach Accessways
- Area Sensitive to Coastal Hazards
- Area of Significant Conservational Value

SITE 37 Waipu Bay/ Tauranga Airport Oil Spill Management Plan



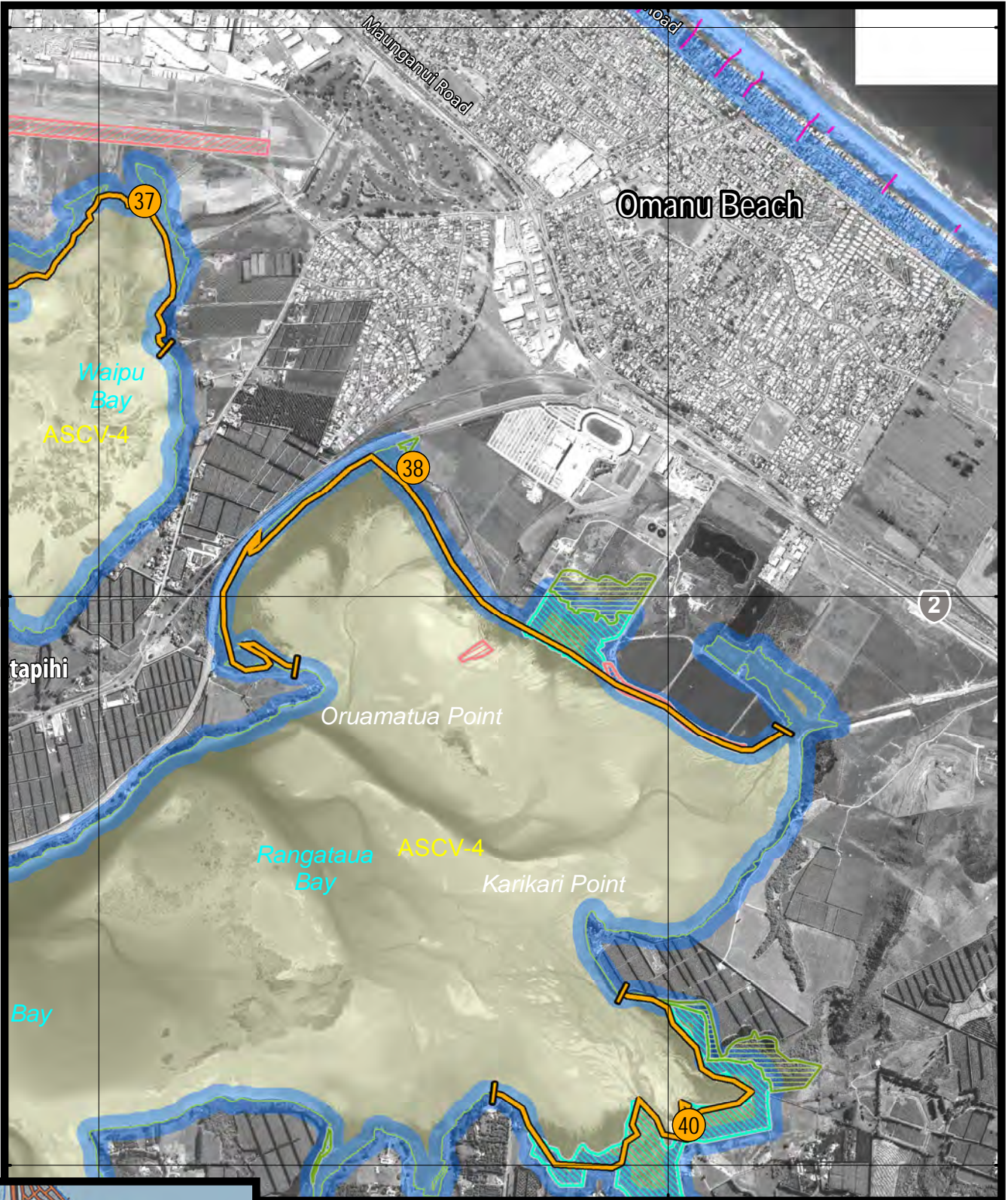
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Site 38	Rangataua Bay North	Risk ranking: 2
DESCRIPTION		
From Oruamatua Point north around to sewage treatment station, there is extensive saltmarsh with a mangrove edge and a low energy tidal wetland in behind to Bay Park.		
Foreshore type/environmental value	Sandy/muddy shores, mangrove. Habitat (intertidal), contact. 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 BD37 Tauranga	Chart Number NZ 541
Segments	TAU-00100	
At Risk Resources		
<ul style="list-style-type: none"> Bird species include: banded rail (katakaitai), North Island fern (mātātā), bittern (matuku hūrepo), pukeko Flounder (patiki), snapper (tamure), black bream (parore), mullet (aua), trevally (araara) 		
Notes		
Where possible, oil should be prevented from entering the Tauranga Harbour. Oil that enters the low energy systems of this habitat will remain for some time.		
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"> Via tip lane For safety, do not park on SH 2 		

Preferred Response Option Matrix

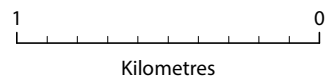
	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Deflection booming possible but large area
On water Recovery	High		Shallow area with minimal water flow and channelling
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Refer NEBA
Natural Recovery	Medium		Refer NEBA



LEGEND

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

SITE 38 Rangataua Bay North Oil Spill Management Plan



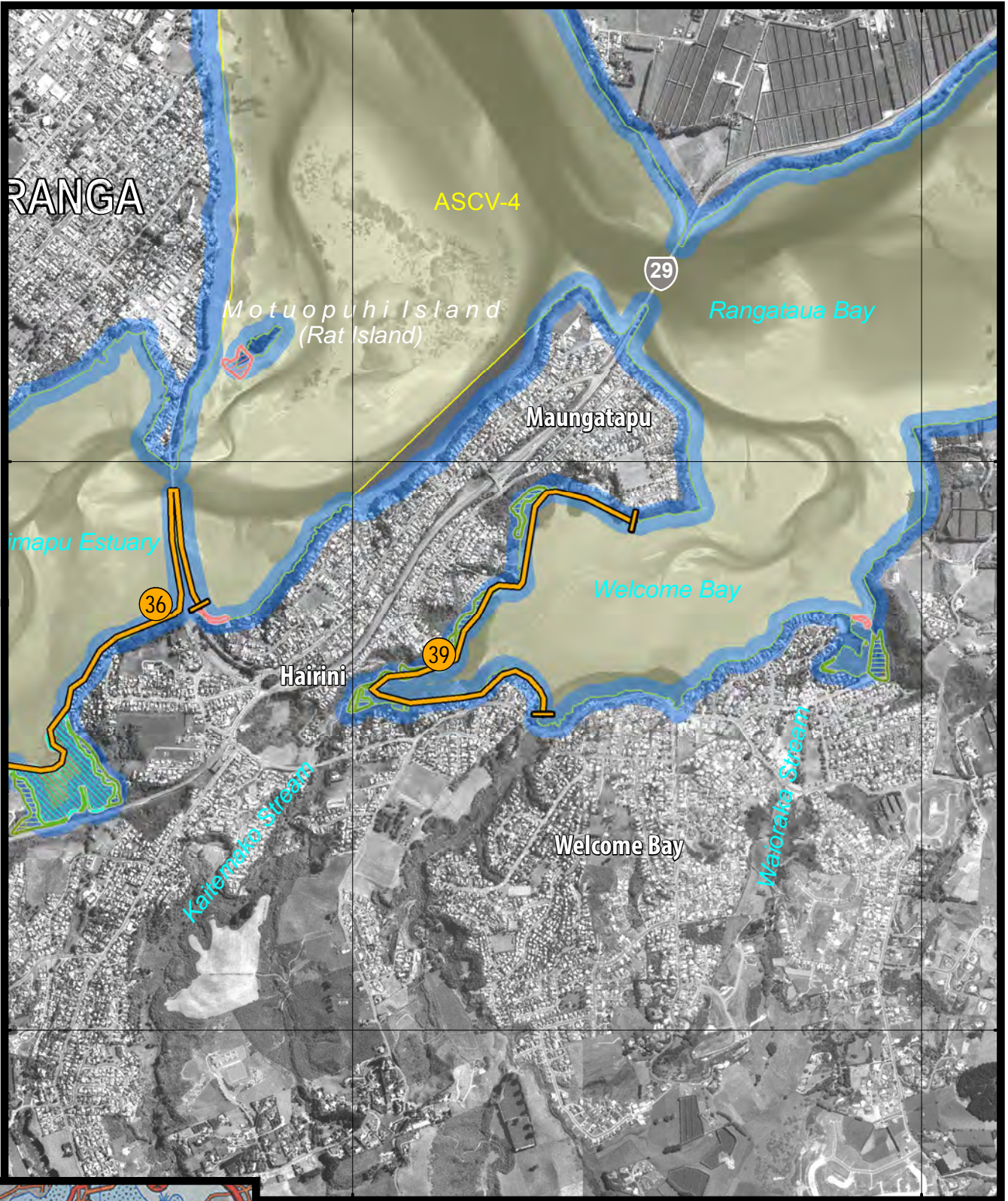
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Site 39	Welcome Bay	Risk ranking: 3
DESCRIPTION Saltmarsh with mangrove edge, surrounded by a good quality example of manuka forest.		
Foreshore type/environmental value	Sandy /muddy shores, mangrove, intertidal habitat. Habitat (intertidal), contact. All shore segments have "habitat value".	
Map sheets	NZ Topo 50 BD37 Tauranga	Chart Number NZ 541
Segments	TAU-00150	
At Risk Resources <ul style="list-style-type: none"> • Bird species include: banded rail (kataitai), North Island fern (mātātā), pukeko • Cultural resource: kaimoana (titiko (mudsnail), patiki (flounder), tuna, (inanga) • All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/cultural value 		
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 • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required 		
Access Access via Welcome Bay Road and on foot.		

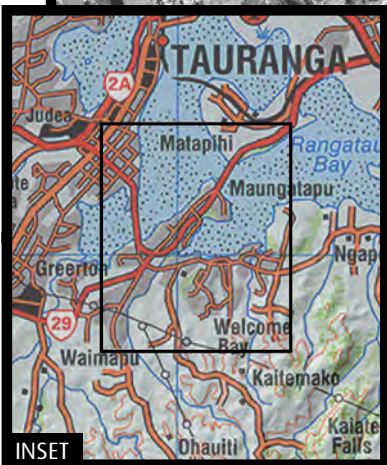
Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Deflection booming possible but large area
On water Recovery	High		Shallow area with minimal water flow and channelling
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Refer NEBA
Natural Recovery	Medium		Refer NEBA



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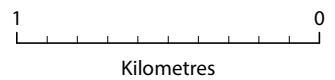
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LEGEND

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

SITE 39 Welcome Bay Oil Spill Management Plan



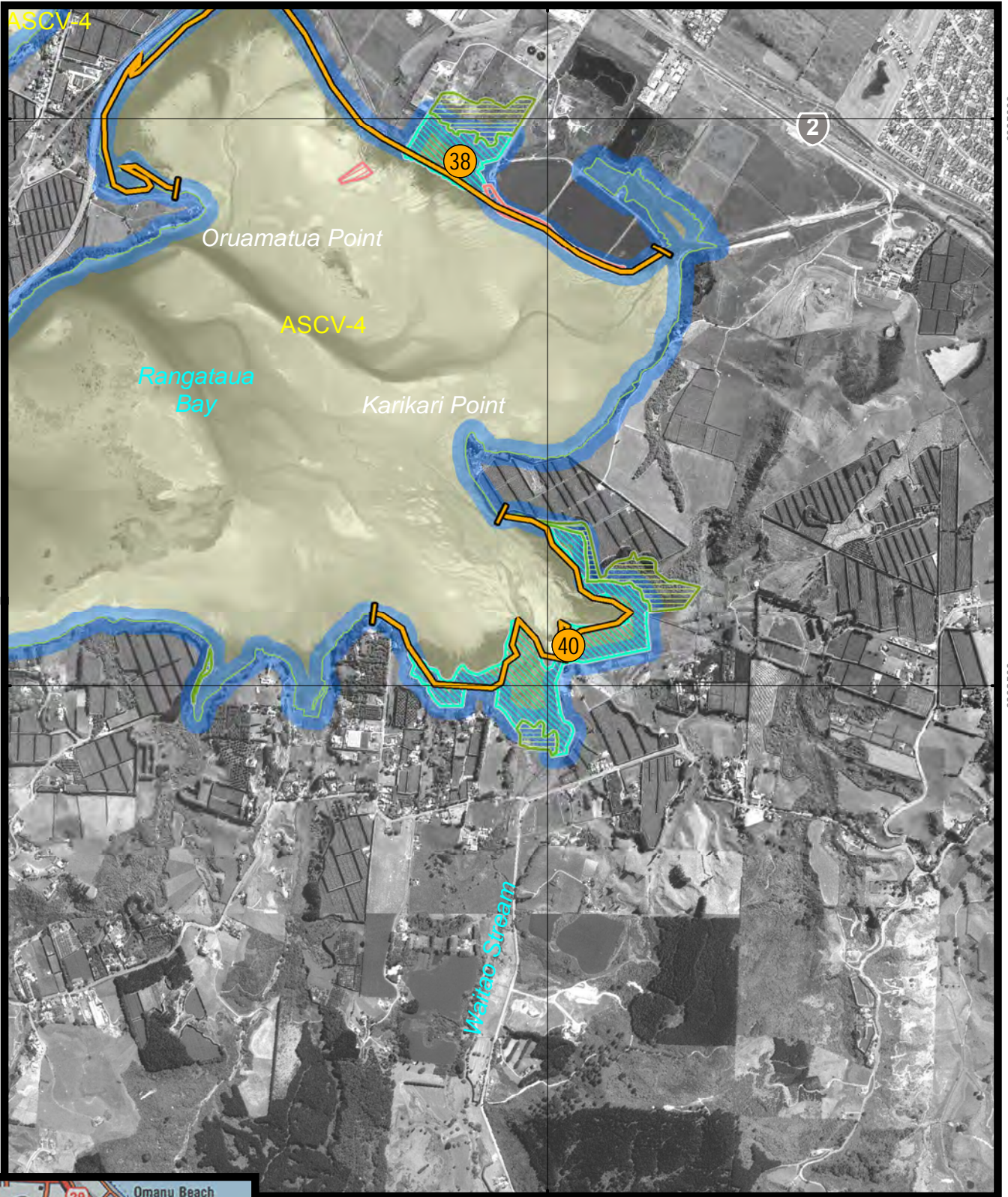
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Site 40	Rangataua Bay South	Risk ranking: 2
DESCRIPTION Saltmarsh with Mangrove edge. Low energy intertidal mudflats		
Foreshore type/environmental value	Sandy / muddy shores, mangroves and saltmarsh, intertidal habitat Habitat (intertidal), contact 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 BD37 Tauranga	Chart Number NZ 541
Segments	TAU-00120	
At Risk Resources		
<ul style="list-style-type: none"> Bird species include: banded rail (kataitai), North Island fern (mātātā), bittern (matuku hūrepo); pukeko Fish include: flounder (patiki), mullet, crabs (papaka) 		
Notes		
<ul style="list-style-type: none"> 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 		
Access		
<ul style="list-style-type: none"> Via Asher Road off Welcome Bay Road 		

Preferred Response Option Matrix

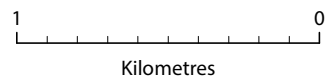
	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Deflection booming possible but large area
On water Recovery	High		Shallow area with minimal water flow and channelling
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Refer NEBA
Natural Recovery	Medium		Refer NEBA



LEGEND

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

SITE 40 Rangataua Bay South Oil Spill Management Plan



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Site 41	Motiti Island	Risk ranking: 1
DESCRIPTION		
<p>Motiti Island is privately owned and approximately 10 km offshore of Papamoa Beach. Motiti is a relatively flat island covering approximately 10 km².</p>		
Foreshore type	<p>Primarily vertical and sloping bedrock with occasional sand beaches.</p> <p>The relatively protected waters of Wairanaki Bay on the north-western tip of the island have a popular and prominent sand beach, with other beaches located in Orongatea and Wairere Bays.</p> <p>The rest of the foreshore is rocky or cobble with offshore reefs and exposed rocks.</p> <p>All shore segments have “habitat value”.</p>	
Map sheets	NZ Topo 50 BD37 Tauranga	Chart Number NZ541; NZ542; NZ5413
Segments	MOT-00010;MOT-00020;MOT-00030;MOT-00035;MOT-00040;MOT-00050;MOT-00060;MOT-00070;MOT-00080;MOT-00090;MOT-00100;MOT-00034;MOT-00032;MOT-00105	
At Risk Resources		
<ul style="list-style-type: none"> • Blue penguins (kororā) in rocky burrows and where cobbles and rocks occur on beaches • Red-billed gulls (akiaki)- nationally vulnerable, pied shag (kāruhiruhi) colonies all around coast • Reef herons (matuku-moana), variable oystercatcher (tōrea pango) seen on island • Motuputa Rock (Cave Rock) on the north east corner of the island is recognised as a nesting area for fluttering shearwater (breeding September–February), fleshy footed shearwater (breeding November–May) and diving petrels • Fur seals (kekeno), multiple haul-out locations along the west coast • Motukahakaha Rock on the eastern side of the island contains a population of duvachell geckos and is the only known island in the Bay of Plenty containing this species, Little Blue penguins, grey face petrel and common diving petrel breeding. • Abundant kaimoana on almost all rocky reefs (paua, kina, kōura) • The whole island is of historic cultural significance to iwi. The following archaeological sites have been identified along the coast: V14/42, V14/182, V14/43, V14/44, V14/45, V14/46, V14/47, V14/171, V14/48, V14/183, V14/49, V14/50, V14/51, V14/53, V14/54 • Silent files 		
Notes		
<ul style="list-style-type: none"> • Cellphone coverage available. Landline on island 		
Actions		
<ul style="list-style-type: none"> • Any bulk oil should be removed as a priority to prevent remobilisation to cleaner areas • 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

There are two small airstrips on the island with the main one located on the edge. There is a breakwater and mooring on the south-western side just south of Te Rotoharakeke Point.

The rocky shoreline around the island is a navigational hazard

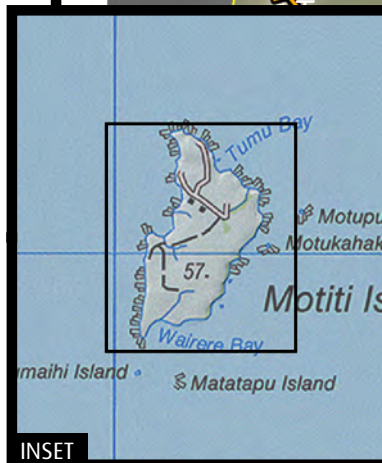
Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Deflection booms may work in some locations but weather will dictate
On water Recovery	High		Requires appropriate large vessels
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Possible off-shore
Shoreline Clean-up	High		Reasonable access to most areas at low tide
Natural Recovery	Medium		High energy coastline may lead to this option



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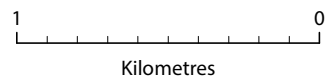


INSET

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 41 Motiti Island Oil Spill Management Plan



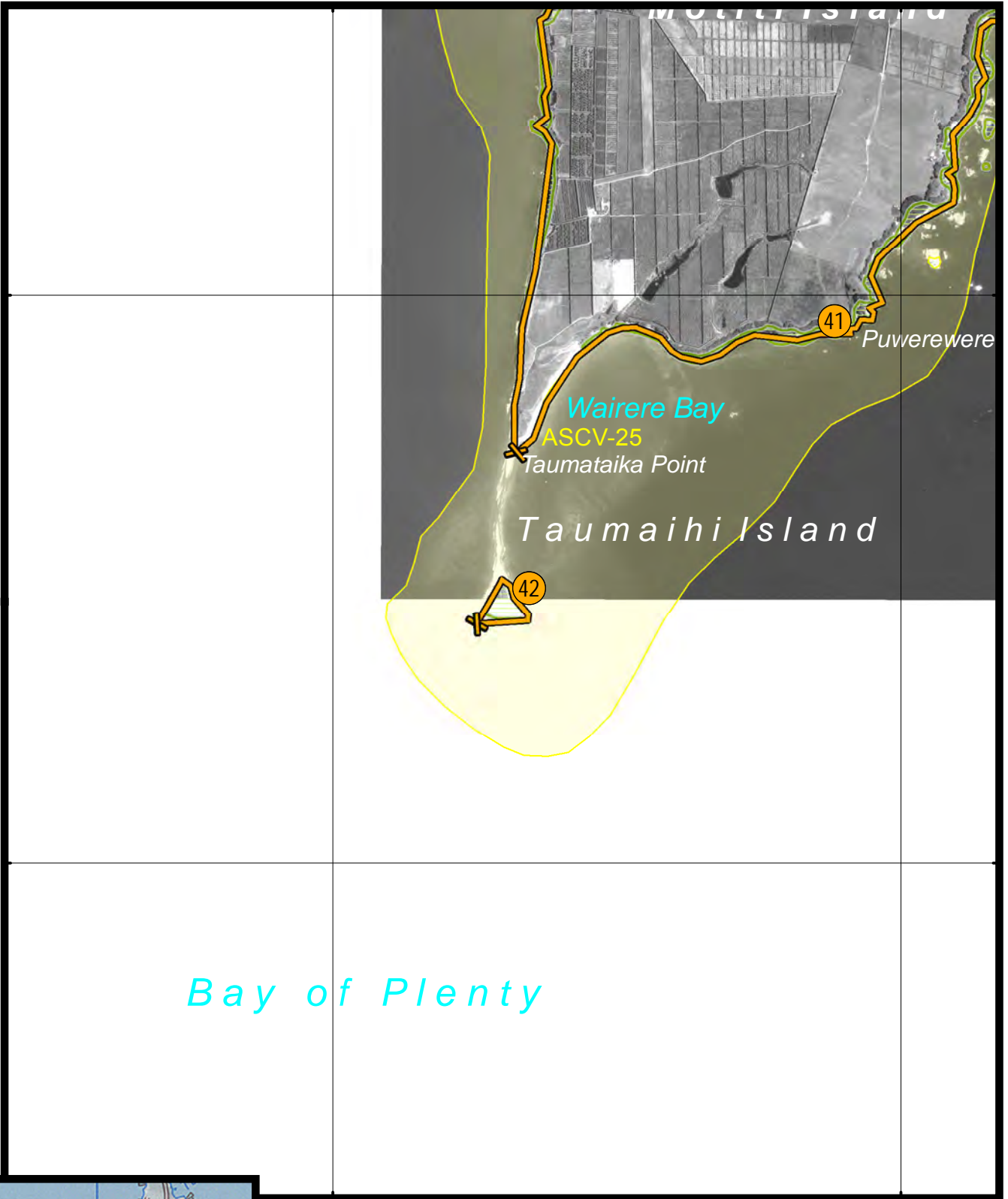
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Site 42	Taumaihi Island ('The Knoll')	Risk ranking: 3
<p>DESCRIPTION</p> <p>Taumaihi Island is a 2.3 ha island and is connected to the southern tip of Motiti Island by a sandbar. It is approximately 21 km north-east of Tauranga and approximately 10 km offshore of Papamoa Beach. Taumaihi Island is triangular in shape with gravel beach on the north east and southern shores and with sand between rocky outcrops on the north west shore.</p>		
Foreshore type	<p>Sand beaches, rocky outcrops, rock pools. All shore segments have "habitat value".</p>	
Map sheets	<p>NZ Topo 50 BD37 Tauranga</p>	<p>Chart Number NZ541; NZ542; NZ5413</p>
Segments	<p>MOT-00110</p>	
<p>At Risk Resources</p> <ul style="list-style-type: none"> • Various threatened and at risk birds species can be found on the shores including: LB penguins, variable oyster catcher (tōrea pango), and red-billed gull (akiaki) colony – all breeding. • New Zealand fur seal haul out area • Threatened coastal plants (<i>Euphorbia glauca</i>) on north west shore • Kaimoana collection site around island (mainly sub-tidal fishing for kina, paua and kōura) • The entire coastal area is identified in the Regional Coastal Plan as areas of significant conservation/cultural value • Large sort skink population in cobbles above mean high water. 		
<p>Notes</p> <p>Actions</p> <ul style="list-style-type: none"> • Any bulk oil should be removed as a priority to prevent remobilisation to cleaner areas • 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 		
<p>Access</p> <p>Boat, or low tide access along natural causeway from Motiti Island</p>		

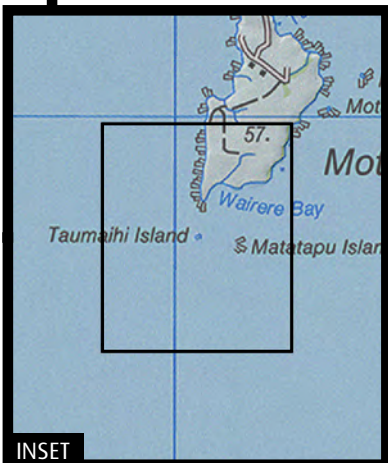
Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Deflection booms may work in some locations but weather will dictate
On water Recovery	High		Requires appropriate large vessels
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Possible off-shore
Shoreline Clean-up	High		Reasonable access to most areas at low tide
Natural Recovery	Medium		High energy coastline may lead to this option










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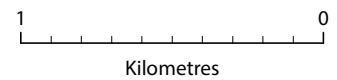


INSET

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 42 Taumaihi Island Oil Spill Management Plan



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