

Site 33	Motuotau (Rabbit) Island	Risk ranking: 1
<p>DESCRIPTION</p> <p>Motuotau (Rabbit) Island is 3.1 ha and is located due west of Mount Maunganui and about 500 m west of Moturiki (Leisure) Island. The island is surrounded by fringing reef outcrops on the northern side and submerged reefs to the east, extending towards Motiti Island. On the northern, seaward end of the island, fringing rock outcrops occur and break the surface in places.</p> <p>The entire island is a Waahi Tapu site and an rāhui (or closure) applies to the removing of green-lipped mussels from the area between Moturiki and Motuotau. The intention behind the rāhui is to conserve the green-lipped mussel for future populations in the area. The rāhui is in response to local Māori and community concerns.</p>		
<p>Foreshore type</p>	<p>Boulders, rocky outcrops, rock pools, exposed bedrock and cliffs All shore segments have “habitat value”</p>	
<p>Map sheets</p>	<p>NZ Topo 50 BD37 Tauranga</p>	<p>Chart Number NZ541; NZ5411</p>
<p>Segments</p>	<p>BOP-00035</p>	
<p>At Risk Resources</p> <ul style="list-style-type: none"> • Little blue penguins (kororā) at high density, access via rocky coast • Diving petrels at high density, breeding August-February • Grey-faced petrels (breeding June–January), access via rocky coast • Fluttering shearwater (pakahā) • Fur seal haul out • Cultural sites/resources: <ul style="list-style-type: none"> ▪ The entire island is a Waahi Tapu site 		
<p>Notes</p> <p>Pest free scenic reserve managed by DOC. Biosecurity protocols prior to landing.</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 • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required 		
<p>Access</p> <ul style="list-style-type: none"> • Boat – small landing beach on south west corner. • Island has many tern burrows – stick to marked trails, to minimise burrow collapse. 		

Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Deflection booming may assist but weather dependent
On water Recovery	High		ORV or similar vessel, weather dependent
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Off-shore possible
Shoreline Clean-up	High		Large portions of the island not accessible
Natural Recovery	Medium		Some areas will require natural recovery

Mount Maunganui

ASCV-6

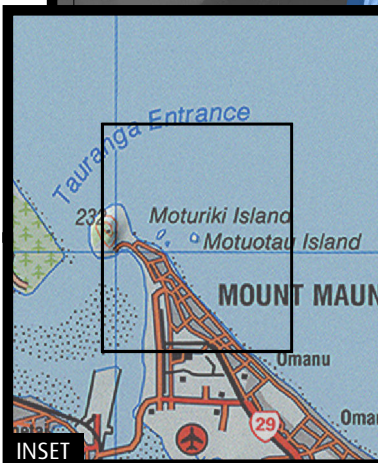
Moturiki Is

ASCV-6








MOUNT MAUNGANUI

nga
our

B



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 33 Motuotau (Rabbit) Island Oil Spill Management Plan



Kilometres

GIS_462103 - May 2014 © The Bay of Plenty Regional Council
 © Land Information New Zealand's Digital Cadastral Database (DCDB)
 CROWN COPYRIGHT RESERVED. Digital Licence No TL/ENV01/01
 New Zealand Map Grid
 Aerial Photos flown summer of 2011

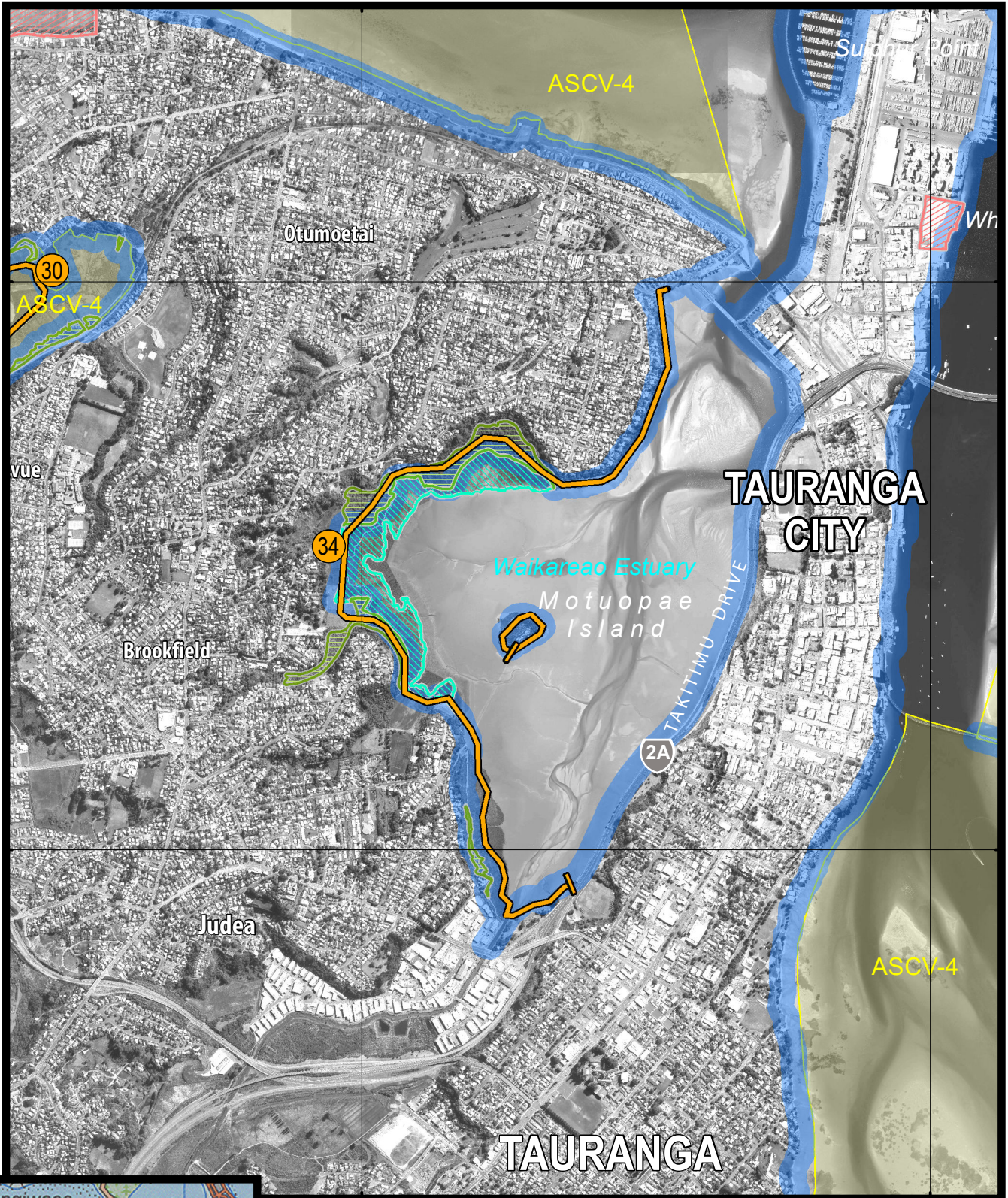


Site 34	Waikareao Estuary	Risk ranking: 1
DESCRIPTION Saltmarsh with extensive boardwalk through the middle, low energy tidal flow		
Foreshore type	Saltmarsh with surrounding mangrove edge All shore segments have “habitat value” All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/ cultural value	
Map sheets	NZ Top 50 BD37 Tauranga	Chart Number NZ 541
Segments	TAU-00300, TAU-00310	
<p>At Risk Resources</p> <ul style="list-style-type: none"> • A range of wetland birds, fernbird (mātātā), transient bittern (matuku hūrepo), spotless crane (pūweto) and marsh crakes (koitareke), banded rail (kataitai), white faced heron (kōtuku), pukeko • Areas at low tide for red-billed gulls (akiaki) and oystercatcher (tōrea) • Cultural resources: Mahinga kai 		
<p>Notes</p> <ul style="list-style-type: none"> • High public use • Where possible, oil should be prevented from entering the Tauranga Harbour <p>Actions</p> <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 <p>Note the following notes re potential protection of the site made close to the time of the grounding of the Rena.</p> <ul style="list-style-type: none"> • If Motuopae Island is affected by oil do not attempt to clean, contact Council Iwi Liaison • Investigate setting deflection boom in the vicinity of the Tauranga underwater club • Investigate setting corresponding collection boom with collection site on the sand between rail and road bridge, or at closest practical position • If oil accumulates at collection points, establish collection at low tide <p>Tasks</p> <p>Set two booms using land sea boom, rapid deployment boom or harbor boom, with absorbent booms sections over rip rap</p> <p>Personnel</p> <ul style="list-style-type: none"> • Trained oil spill responders to be deployed from vicinity of Shed 8, Port of Tauranga/equipment • Sorbent boom: eight times 3 m lengths • Land sea boom one box: 80 m • Harbour boom: four boxes (includes necessary anchors etc) <p>Staff</p> <ul style="list-style-type: none"> • Four trained equipment operators 		








<p>Vessels for boom deployment</p> <ul style="list-style-type: none"> • Small power driven vessel required, preferably with shallow water capability • Skipper of vessel required <p>Transport</p> <ul style="list-style-type: none"> • Necessary for equipment handlers
<p>Access</p> <ul style="list-style-type: none"> • Boardwalk and walking tracks, vehicle access from Pillans Point • Note that access safety is an issue – if action undertaken, assess for safety plan - deep muddy substrate in estuary • No access onto island- work around the outside, limit substrate disturbance

Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Good access, use booms before rail and road bridges
On water Recovery	High		Good but tidal
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Low		Work with Iwi liaison
Natural Recovery	Medium		Work with Iwi liaison

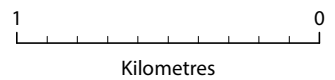


LEGEND

-  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 34 Waikareao Estuary

Oil Spill Management Plan



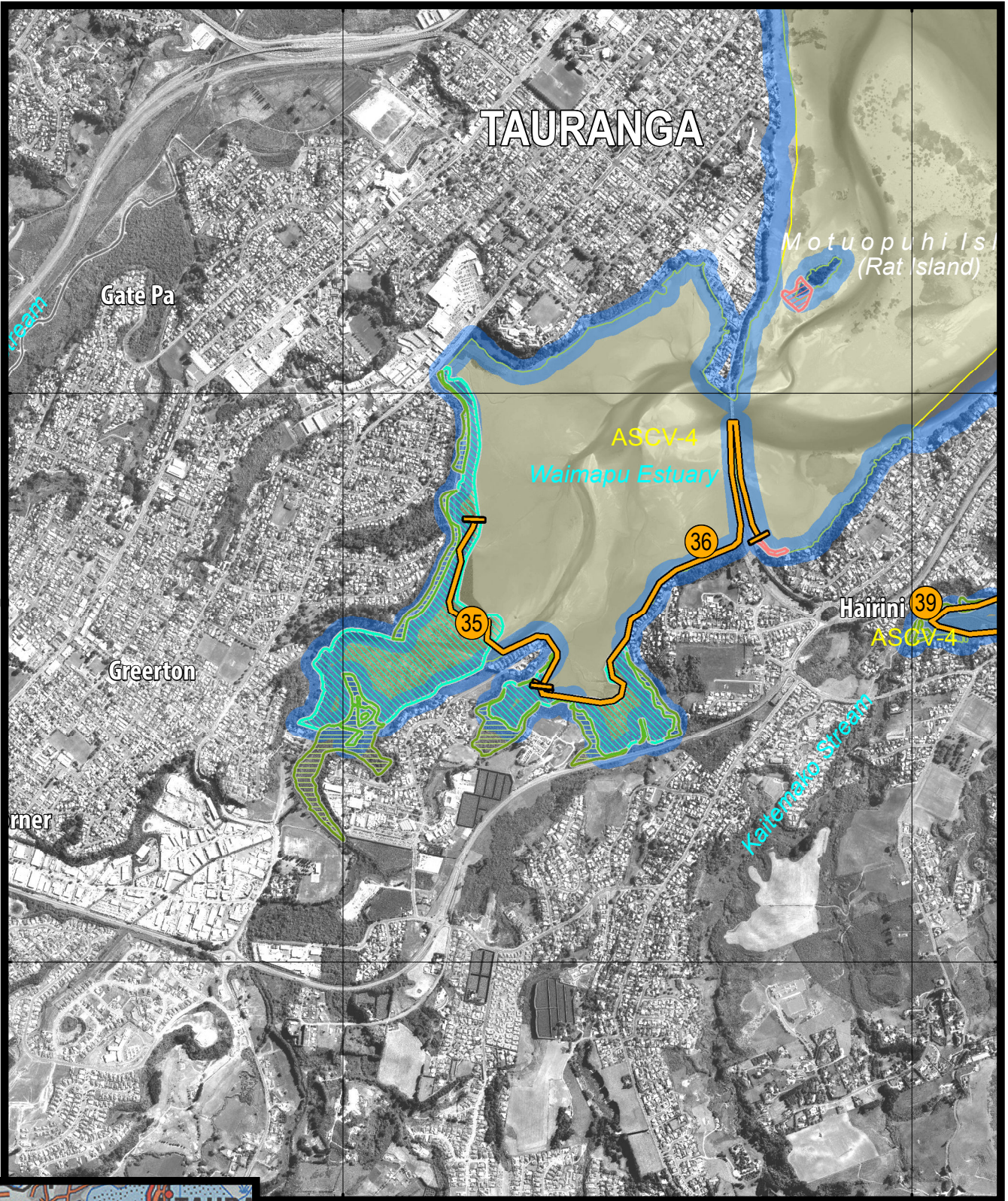
GIS_462103 - May 2014 © The Bay of Plenty Regional Council
 © Land Information New Zealand's Digital Cadastral Database (DCDB)
 CROWN COPYRIGHT RESERVED. Digital Licence No TL/ENV01/01
 New Zealand Map Grid
 Aerial Photos flown summer of 2011



Site 35	Waimapu –Yatton Park	Risk ranking: 3
DESCRIPTION Saltmarsh with mangrove around the perimeter and cliffs behind. There is a high energy river going through the middle of the site. The river is tidal up to the Oropi Golf Course.		
Foreshore type/environmental value	Sand, mudflat, riverbank, riparian vegetaton, intertidal habitat Habitat (intertidal), contact All shore segments have “habitat value”	
Map sheets	NZ Topo 50 BD37 Tauranga	Chart Number NZ541
Segments	TAU-00180	
At Risk Resources <ul style="list-style-type: none"> • Banded rail (kataitai); north island fern bird (mātātā) • All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/cultural value • Flounder (patiki); oysters (tio) 		
Notes Where possible, oil should be prevented from entering the Tauranga Harbour.		
Actions <ul style="list-style-type: none"> • 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 Yatton Park/Fraser Street or Windermere Drive, access via the Bay of Plenty Polytechnic		

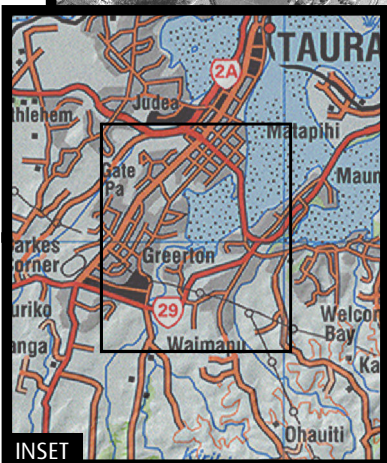
Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	Medium		Booming of the stream possible, other areas shallow and tidal
On water Recovery	Medium		Shallow water, area dries
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



6362500

6360000

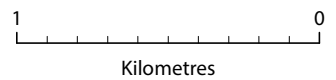


LEGEND

- 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 35 Waimapu -Yatton Park

Oil Spill Management Plan



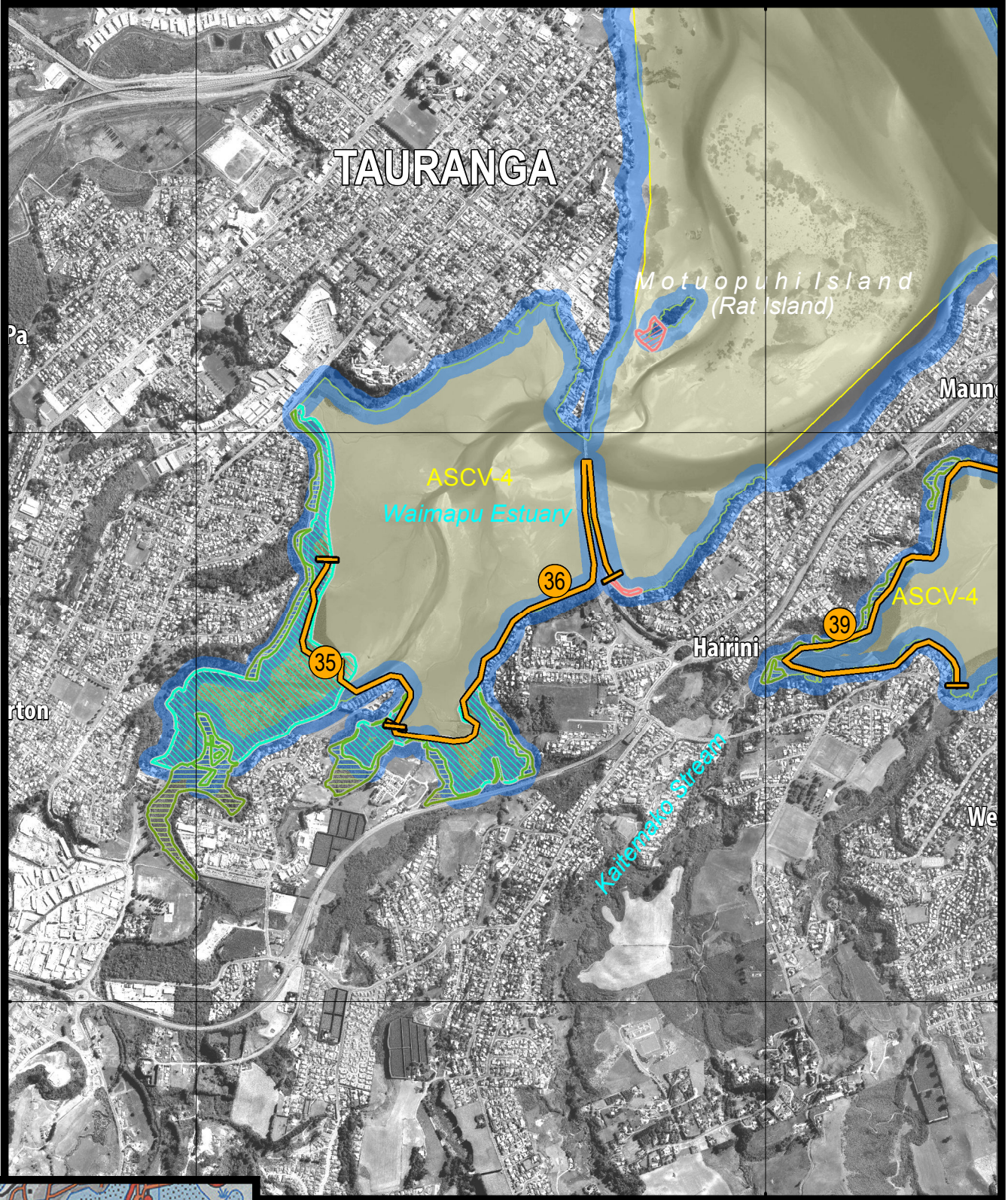
GIS_462103 - May 2014 © The Bay of Plenty Regional Council
 © Land Information New Zealand's Digital Cadastral Database (DCDB)
 CROWN COPYRIGHT RESERVED. Digital Licence No TL/ENV01/01
 New Zealand Map Grid
 Aerial Photos flown summer of 2011



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.		

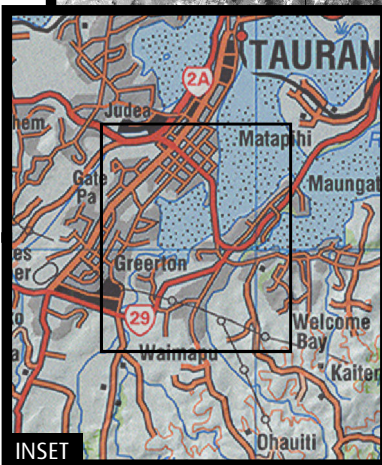
Preferred Response Option Matrix

	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



6382500

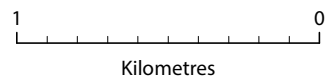
6380000



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 36 Waimapu -Yatton Windermere Oil Spill Management Plan



GIS_462103 - May 2014 © The Bay of Plenty Regional Council
 © Land Information New Zealand's Digital Cadastral Database (DCDB)
 CROWN COPYRIGHT RESERVED. Digital Licence No TL/ENV01/01
 New Zealand Map Grid
 Aerial Photos flown summer of 2011

