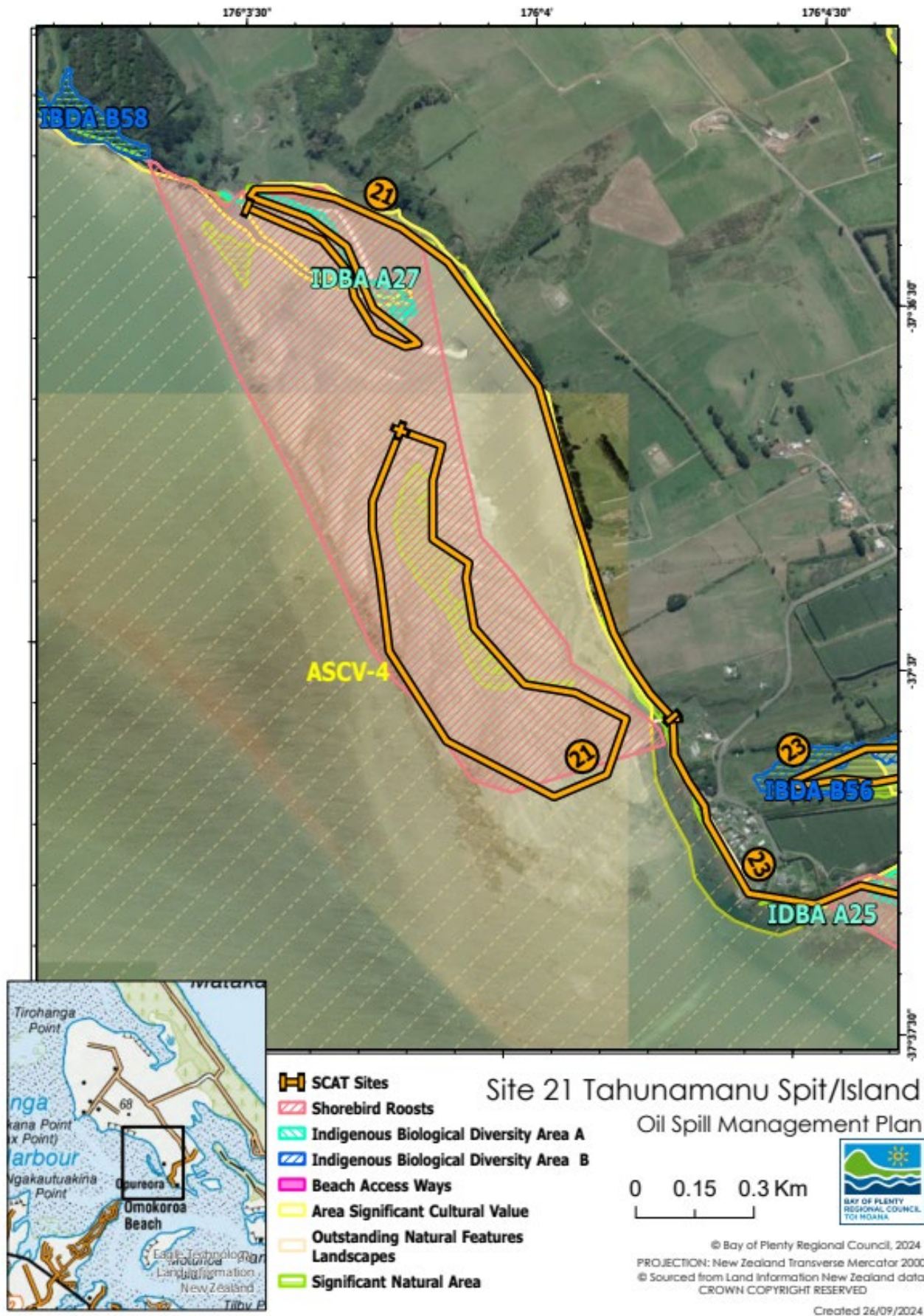


Site 21	Tahunamanu Spit/Island	Risk ranking: 1
DESCRIPTION Sand spit and sand island 1 km long, extensive tidal areas around island, tidal flows, low energy areas, wind predominantly westerly. Pampass and some other vegetation on island.		
Foreshore type/environmental value	Intertidal sandflats, saltmarsh, mangroves, seagrass. Sand island exposed at high tide All shore segments have “habitat value” All intertidal areas in Tauranga Harbour are identified as Areas of Significant Cultural Value (ASCV 4) Indigenous Biological Diversity Area A27	
Map sheets	NZ Topo 50 BD36 Lower Kaimai	Chart Number NZ 541
Segments	TAU – 00880 to TAU – 00900	
At Risk resources • Extensive shellfish beds, surrounding sand flats support a wide range of wading birds (e.g. knots and godwits (kuaka)) • Nesting New Zealand dotterel (tuturiwhatu) and caspian tern (taranui) on island and spit banded dotterel (tuturiwhatu), red-billed gulls (akiaki), wrybill (ngutu pare), pied oystercatcher (tōrea), pied stilt (poaka), white fronted tern (tara), little black shag (kawau tūī), little shag (kawau paka), variable oystercatcher (tōrea pango). • Cultural resources: Mahinga kai		
Notes Minimum public use.		
Actions • Consider pre-emptive capture of New Zealand dotterels • Discuss pre-clean-up of intertidal debris - tidal range specific – with wildlife team • Shoreline clean-up – the spit with birds removed is a good location for shoreline clean-up and removal of repeated oiling will assist in the reduction of free oil in Tauranga Harbour (see STM for Sandy Beaches Shoreline Clean-up) • Consider pre-emptive capture of wildlife generally • Activation of oiled wildlife response collection teams if required		
Access Boat access to island, foot access to spit from Matakana Island.		

Preferred Response Option Matrix

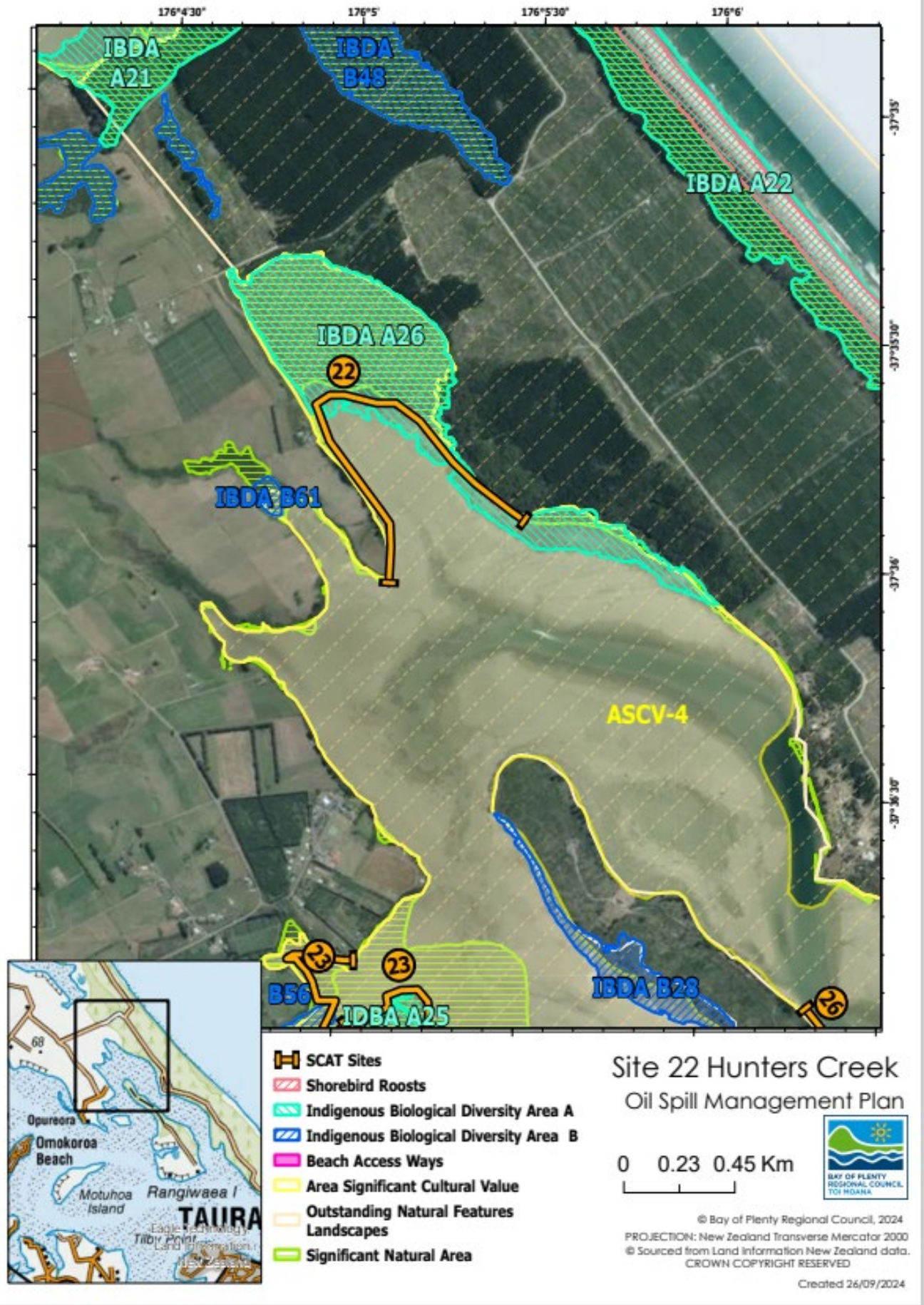
	Most preferred	Least preferred	Feasibility
Containment and Recovery	Medium		Moderate tidal flow - possible
On water Recovery	High		Possible with ORV or similar system
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	High		Good option, access by boats
Natural Recovery	Medium		Ongoing monitoring after initial clean



Site 22	Hunters Creek	Risk ranking: 1
DESCRIPTION Saltmarsh and mangrove edge, upper end Hunters Creek, shallow intertidal flats, low energy tidal movement.		
Foreshore type/environmental value	Intertidal sandflats, saltmarsh, mangroves, seagrassAll shore segments have “habitat value” All intertidal areas in Tauranga Harbour are identified as Areas of Significant Cultural Value (ASCV 4) Indigenous Biological Diversity Area A26, B61	
Map sheets	NZ Topo 50 BD36 Lower Kaimai	Chart Number NZ 541
Segments	TAU-00990	
At Risk Resources - Wetland birds: fernbird (mātātā), banded rail (kataitai), pūkeko, australasian bittern (matuku hūrepo) - Cultural site/values: Kaimoana collection, mahinga kai, flounder (pātiki) - Culturally important fishing area		
Notes Oil that enters the low energy systems of this estuary will remain for some time. Oil will harm intertidal and sand flats habitat.		
Actions - Prevent/minimise oil ingress into this system - This area is a high priority for ongoing beach clean-up - Notify wildlife team of potential for oiling - Consider pre-emptive capture of wildlife generally - Activation of oiled wildlife response collection teams if required		
Access Vehicle and foot access off Hume Highway, Matakana Island.		

Preferred Response Option Matrix

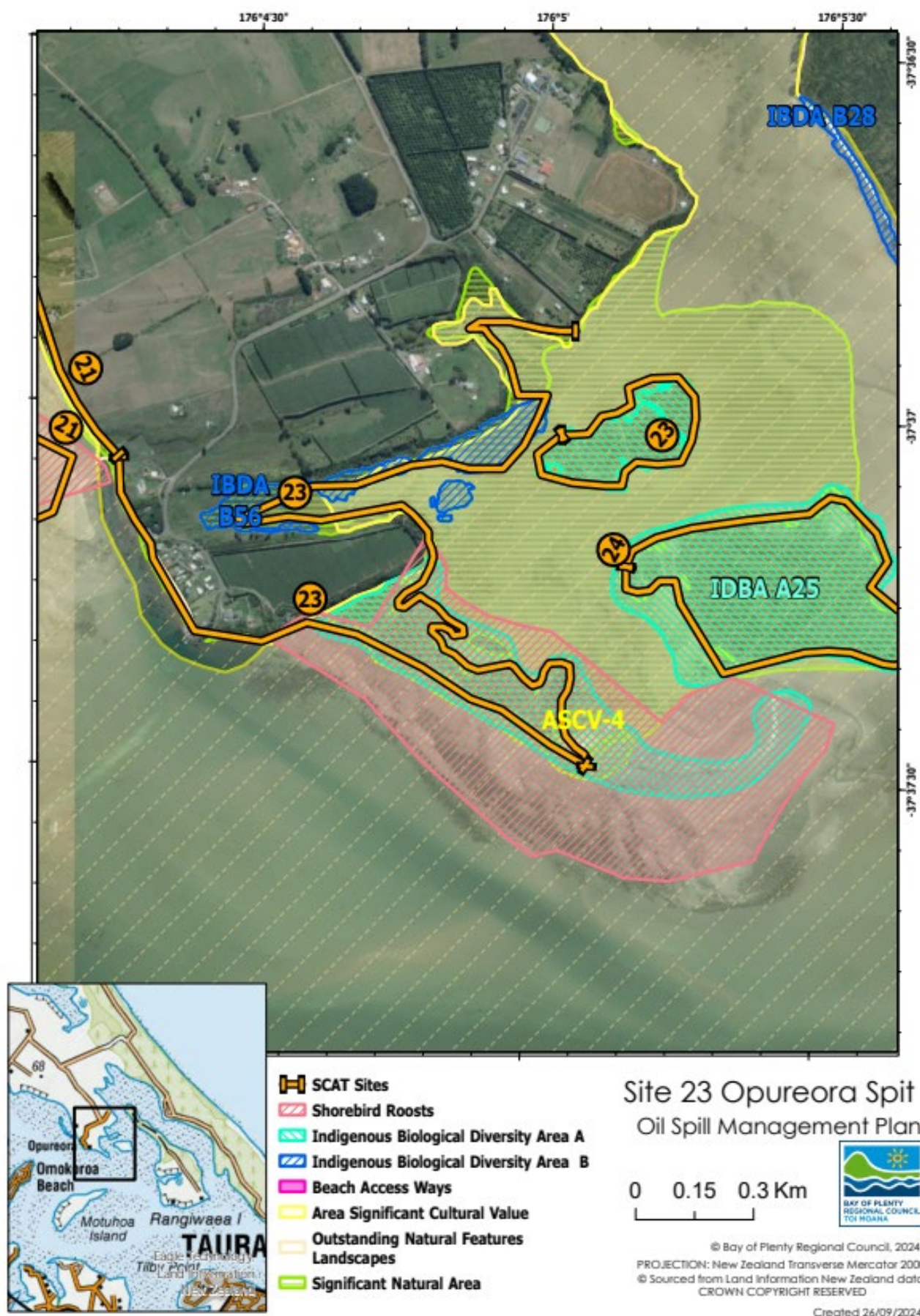
	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Deflection and containment booms possible
On water Recovery	High		Shallow and tidal, possible at entrance of creek
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Depth won't allow
Shoreline Clean-up	High		Good beach access
Natural Recovery	Medium		Ongoing monitoring



Site 23	Opureora Spit	Risk ranking: 1
DESCRIPTION		
Sand spit, saltmarsh and jointed rush, surrounded by intertidal sand flats.		
Foreshore type/environmental value	Intertidal sandflats, saltmarsh, mangroves, seagrass Sand spit All shore segments have “habitat value” All intertidal areas in Tauranga Harbour are identified as Areas of Significant Cultural Value (ASCV 4) Indigenous Biological Diversity Area A25 and B56	
Map sheets	NZ Topo 50 BD36 Lower Kaimai	Chart Number NZ 541
Segments	TAU-00910 to TAU-000950	
At Risk Resources		
- Wading birds nesting and roosting site, including: variable oystercatcher (tōrea pango), godwit (kuaka), knots, white-faced heron (matuku-moana), New Zealand dotterel (tuturiwhatu), fern bird (mātātā), marsh crake (koitareke), spotless crake (pūweto), Caspian tern (taranui), pied oystercatcher (tōrea), spotless crake (pūweto). - Opureora is a principal shorebird roost site. - Mangroves - Jointed rush - Saltmarsh - Mud/sand flats - Fish habitat including: flounder (patiki) - Cultural resources: Mahinga kai		
Notes		
Where possible, oil should be prevented from entering the Tauranga Harbour		
Actions		
- Prevent/minimise oil ingress into this system - Consider collection and recovery on sandy 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 New Zealand dotterel - Consider pre-emptive capture of wildlife generally - Activation of oiled wildlife response collection teams if required		
Access		
On Matakana Island, access from Opureora boat ramp, walk east around harbour edge.		

Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Use natural collection points
On water Recovery	High		Shallow water
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Shallow water
Shoreline Clean-up	Medium		Good
Natural Recovery	Medium		Ongoing monitoring



Site 24	Motungaio Island	Risk ranking: 3
DESCRIPTION Motungaio Island is a 20 ha island that is exposed at low tide within the Tauranga Harbour. It is located between Omokoroa and the southern end of Matakana Island. Motungaio is a good example of a vegetation sequence grading from saltmarsh to manuka scrub and forest.		
Foreshore type/environmental value	Sandy, muddy shores, riparian vegetation Habitat, shoreline, contact All intertidal areas are identified in the Regional Coastal Plan as areas of significant conservation/cultural value Indigenous Biological Diversity Area A25	
Map sheets	NZMS 260 Series BD 36 Lower Kaimai	Chart Number NZ 541
Segments	TAU-00930	
At Risk Resources variable oystercatcher (tōrea pango), godwit (kuaka), knots, white-faced heron (matuku-moana), New Zealand dotterel (tuturiwhatu), fern bird (mātātā), marsh crake (koitareke), spotless crake (pūweto), Canada goose (kuihi), pied oystercatcher (tōrea), spotless crake (pūweto)Cultural Values: Mahinga kai, site of significance, flounder (pātiki)		
Notes Where possible, oil should be prevented from entering the Tauranga Harbour		
Actions - 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 - Via boat at high tide - Via foot from Opureroa on Matakana Island at low tide		

Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		Unlikely to work due to tidal movements
On water Recovery	High		Possible with ORV or similar
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Only possible at low tide
Natural Recovery	High		This area covers and uncovers with the tide.

