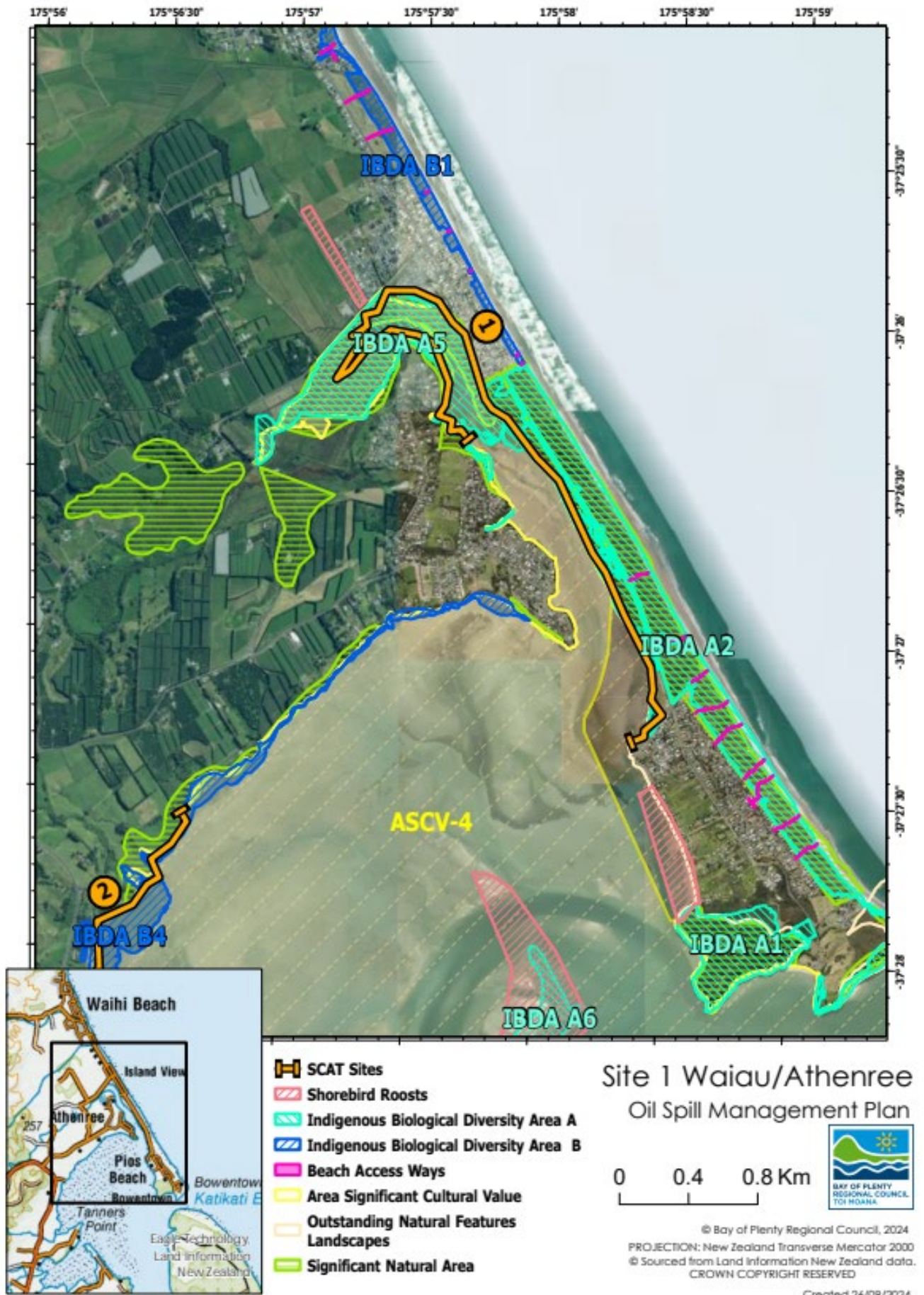


Site 01	Waiau/Athenree	Risk ranking: 1
DESCRIPTION Athenree is a large nationally ranked wetland, much of which is relatively unmodified, comprising a representative example of the estuarine vegetation of Tauranga Harbour. Much of this site is in the Athenree Wildlife Management Reserve. This site has the highest ecological values of whole harbour and wildlife refuge.		
Foreshore type/environmental value	Intertidal flats, saltmarsh, mangroves, seagrass All intertidal areas in Tauranga Harbour are identified as Areas of Significant Cultural Value (ASCV 4) Indigenous Biological Diversity Area A5	
Map sheets	NZ Topo 50 BC36 Katikati	Chart number NZ541
Segments	TAU-00710 to TAU-00720	
At Risk resources • Wetland and intertidal habitat • Shellfish gathering site • Birds at risk include: Banded rail (kataitai), bittern (kataitai), spotless crane (pūweto), marsh crane (koitareke) and North Island fernbird (matata) • Cultural sites: U13/915 (Midden)		
Notes Operations should consider booming the mouth of this site as it is approximately 100 m wide Oil that enters the low energy systems of this estuary will remain for some time. Oil will harm intertidal and sand flats habitat There is a low energy drain through middle of the wetland		
Actions • Prevent/minimise oil ingress into this system • Clean sandy areas according to STM • Discuss pre-clean-up of intertidal debris - tidal range specific • If oil enters low energy, sensitive areas, clean-up to be informed by SCAT/Environment • 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 access off Emerton Road at Island View or Kautunui Road at Athenree Foot access through wetland		

Preferred Response Option Matrix

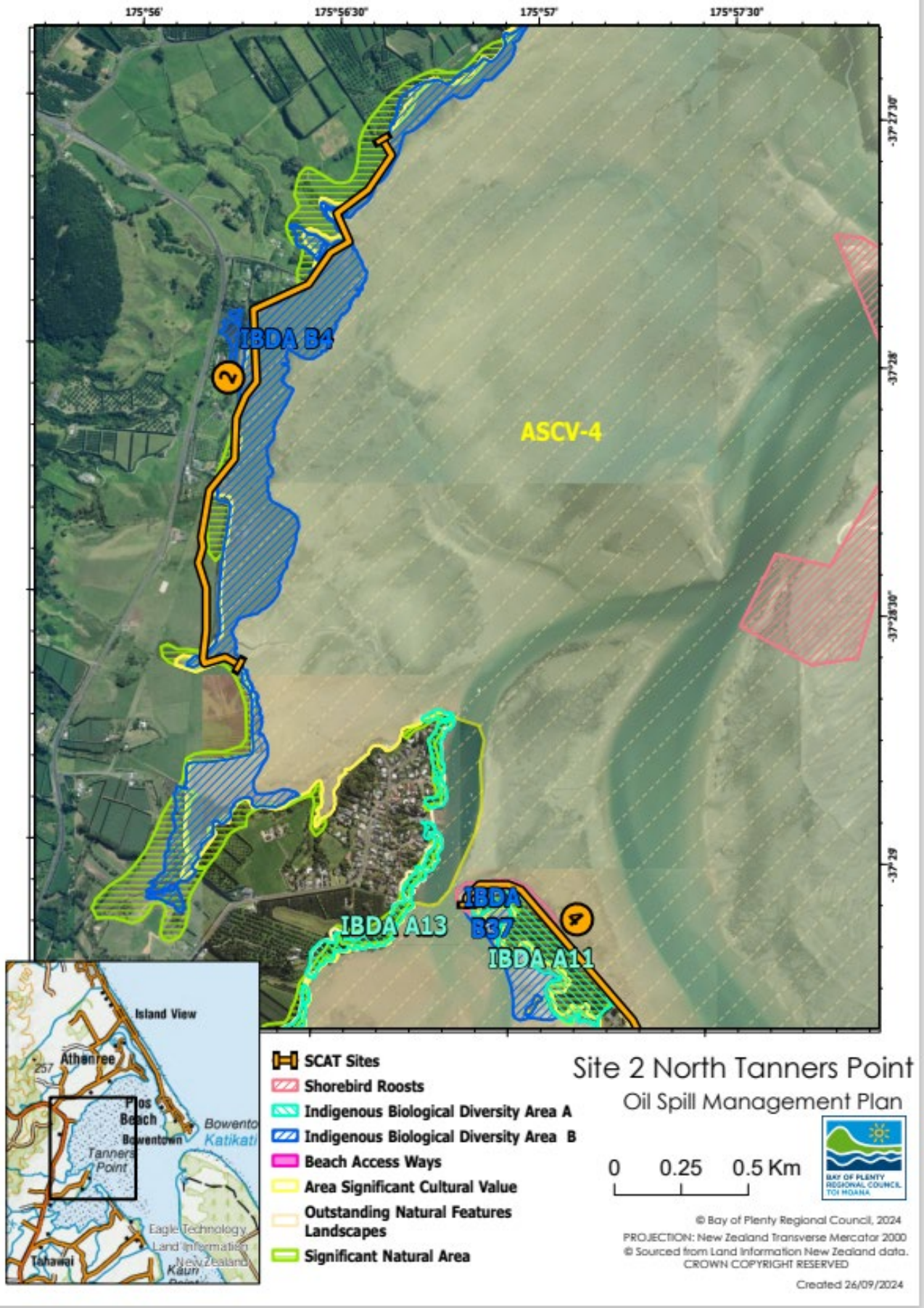
	Most preferred	Least preferred	Feasibility
Containment and recovery	High		Yes – can be boomed
On water recovery	Medium		Very shallow, dries out
Dispersant application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline clean-up	High		Good access to shoreline
Natural recovery	Low		High public access



Site 02	North Tanners Point	Risk ranking: 3
DESCRIPTION Site is 1.5 km Northwest of Tanners Point, narrow saltmarsh and mangrove strip. Low energy tidal flow.		
Foreshore type/environmental value	Intertidal sandflats, saltmarsh, mangroves, seagrass. 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 B4	
Map sheets	TOPO 50 BC36 Katikati	Chart Number NZ 541
Segments	TAU-00680	
At Risk resources - Fernbird (kataitai), Banded Rail (kataitai) - Cultural resources: mahinga kai (fishing)		
Notes Where possible, oil should be prevented from entering the harbour		
Actions - Prevent/minimise oil ingress into this system - If oil enters low energy, sensitive areas, clean-up to be determined in consultation with environmental advisors		
Access Foot access from SH 2 and Bridgeman Lane. Access may be difficult at low tide on soft mud and also at high tide		

Preferred Response Option Matrix

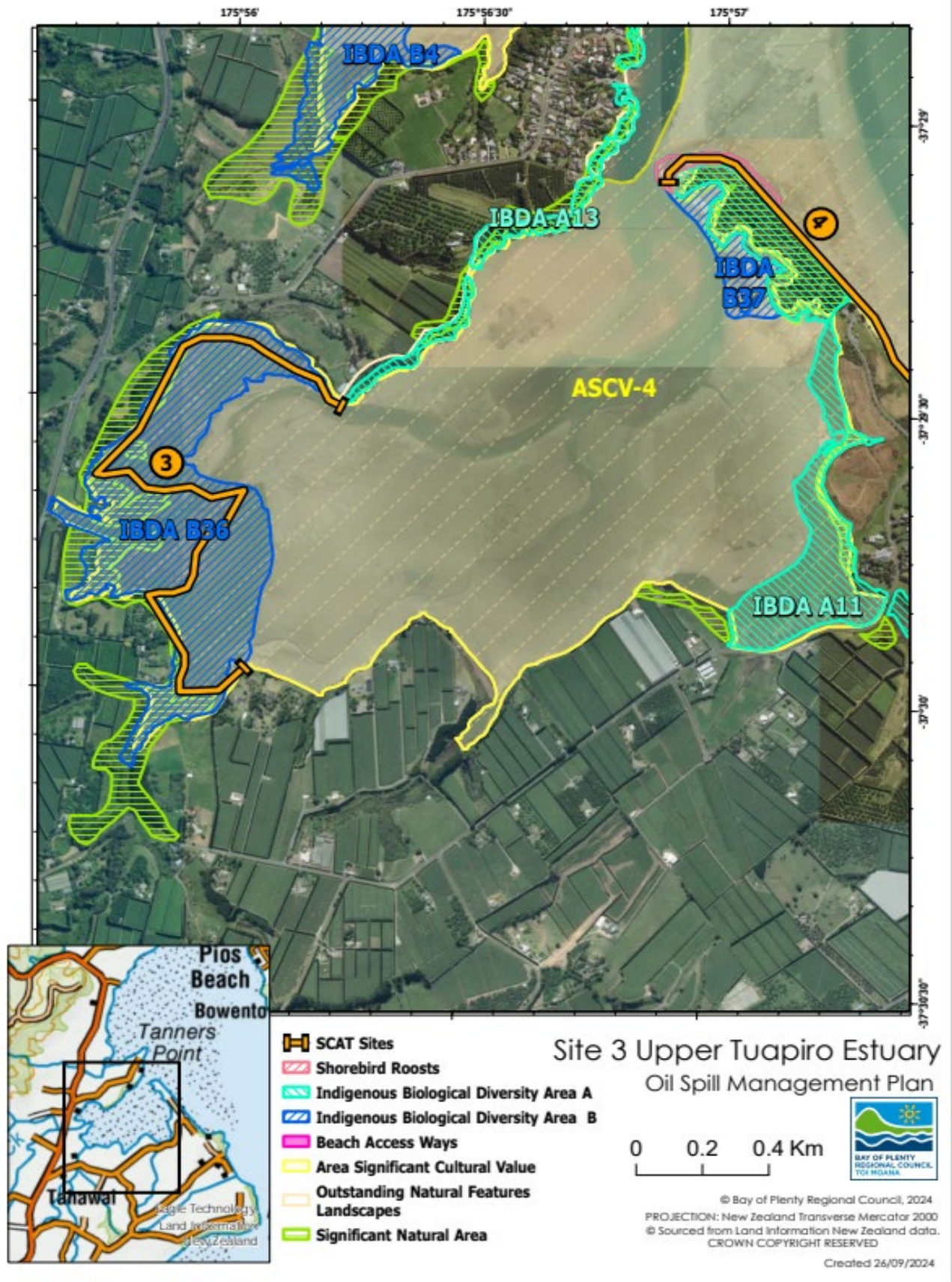
	Most preferred	Least preferred	Feasibility
Containment and recovery	Medium		Large area dries at low tide
On water recovery	Medium		Possible but only in channels
Dispersant application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline clean-up	Medium		NEBA – limited access – tidal/soft
Natural recovery	Medium		Ongoing monitoring



Site 03	Upper Tuapiro Estuary	Risk ranking: 2
DESCRIPTION This is a large, relatively good quality, diverse example of the estuarine vegetation of Tauranga Harbour. Saltmarsh with mangrove edge, there is a narrow fringe of freshwater wetland vegetation. Tuapiro Stream runs through middle of site. Intertidal shoreline dries below mid-tide.		
Foreshore type/environmental value	Intertidal sandflats, saltmarsh, mangroves. 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 B36	
Map sheets	TOPO 50 BC36 Katikati	Chart Number NZ 541
Segments	TAU-00650	
At Risk Resources • Banded rail (kataitai), Marsh crake (koitareke), North Island fernbird (mātātā), wading birds, shags • Shellfish gathering • Whitebait (inanga) spawning habitat and migratory pathway • Cultural sites: T13/657 (Midden - 3 x 7 m area of pipi; cockle (tuangi); mudsnail (Titiko); and turret shell)		
Notes Booming may be effective in preventing oil ingress in intertidal area of Tuapiro Stream. Will need to be assessed by Ops		
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 Vehicle access SH 2 and Tanners Point Road.		

Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and Recovery	High		The stream entrance can be effectively boomed
On water Recovery	Low		Shallow area
Dispersant Application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline Clean-up	Medium		Access via private property
Natural Recovery	High		Refer NEBA



Site 04	Tuapiro Estuary Spit	Risk ranking: 2
DESCRIPTION Sand spit with pasture/development and scrub/trees at the furthest extent. No wetland areas have been identified.		
Foreshore type/environmental Value	Intertidal sandflats, seagrass. 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 A11	
Map sheets	NZ Topo 50 BC36 Katikati	Chart Number NZ5411
Segments	TAU-00620	
At Risk Resources - Local birds include: godwit (kuaka), tern (taranui), white-faced heron (matuku-moana), oystercatcher (tōrea), shag (kawau), New Zealand dotterel (tuturiwhatu), australasian bittern (matuku hūrepo), North Island fernbird (mātātā), banded rail (kataitai). - Cultural sites/resources: - There are several archaeological sites close to shore in this section. The following sites are described as Midden: U13/766, U13/770, U13/716, U13/770, U13/716, U13/691. Site U13/773 is described as “x7 flakes of obsidian found over 50 m of beach”		
Notes Where possible, oil should be prevented from entering Tauranga Harbour		
Actions - Clean-up of sensitive shorelines should be completed in line with the relevant Shoreline Treatment Methodology (See STMs for Sandy, saltmarsh and reeds clean-up) - The requirement for shoreline clean-up in sensitive areas is to be determined in consultation with environmental advisor		
Access 4WD Vehicle access via Ongare Point Road, foot access along spit		

Preferred Response Option Matrix

	Most preferred	Least preferred	Feasibility
Containment and recovery	High		Some deflection and entrance booming possible
On water recovery	High		Possible if ORV or similar available
Dispersant application	Low	Requires escalation to Tier 3 and MNZ approval	Water depth won't allow
Shoreline clean-up	Medium		Limited access, large mangrove area
Natural recovery	Medium		Limited access

