

# Appendix 1: Rivers and lakes with values requiring protection

Table 15: Rivers and lakes with significant amenity and recreational values (relates to Policies 17, 42 and 52).

River or lake	Recreational uses
<b>Lake Waitawa (Forest Lakes)</b>	kayaking, windsurfing, sailing
<b>Otaki River</b>	fishing, swimming, kayaking, canoeing, tubing, rafting, picnicking, camping
<b>Waikanae River</b>	fishing, swimming, camping
<b>Kaiwharawhara Stream</b>	picnicking, walking, running
<b>Korokoro Stream</b>	walking, running, mountain biking
<b>Hutt River</b>	fishing, swimming, kayaking, canoeing, tubing, rafting, power boating, radio controlled boats, jet skis, picnicking, walking, running, mountain biking
<b>Pakuratahi River</b>	fishing, swimming, picnicking
<b>Akatarawa River</b>	fishing, swimming, kayaking, bird watching, picnicking, walking, running, mountain biking, trail biking, horse riding, 4-wheel driving
<b>Upper Gollan's Stream (including Butterfly Creek)</b>	picnicking, tramping walking, running, bird watching
<b>Wainuiomata River</b>	fishing, swimming, canoeing, kayaking, walking, horse riding
<b>Orongorongo River</b>	fishing, tramping
<b>Kohangapiripiri and Kohangatera Lakes</b>	bird watching, picnicking, walking, mountain biking
<b>Ruamahanga River</b>	swimming, kayaking, canoeing, tubing, rafting, power boating, jet skiing, picnicking, walking, duck shooting
<b>Waingawa River</b>	fishing, swimming, kayaking, tubing, rafting, walking
<b>Waiohine River and Mangatarere Stream</b>	fishing, swimming, kayaking, canoeing, tubing, rafting, camping
<b>Kopuaranga River</b>	fishing
<b>Waipoua River</b>	fishing, swimming, running, trail biking
<b>Kouraura Dam, Gladstone</b>	fishing, swimming, kayaking, canoeing, rafting, picnicking, bird watching
<b>Henley Lake, Masterton</b>	kayaking, dragon boating, radio controlled boats, picnicking, running, biking
<b>Lake Wairarapa</b>	fishing, kayaking, canoeing, boating, duck shooting, bird watching, walking, photography

## Notes to Table 15

The rivers and lakes included in Table 15 were identified in the Regional Freshwater Plan, and from a survey of recreational groups in the Wellington region carried out in November 2007.

The following threshold applies to rivers and lakes that are significant for their recreational use:

- is regarded as especially valuable by two or more recreational groups because of the quality of the opportunity and experience it affords;
- is used for two or more recreational activities by people from throughout the region or beyond; or
- is used by anglers on 100 or more days per year.

Table 16: Rivers and lakes with significant indigenous ecosystems (relates to Policies 17, 23 and 42).

River or lake	Criteria			
	Catchments with a high percentage of indigenous vegetation cover	Habitat for threatened indigenous fish species in the catchment	Habitat for six or more indigenous fish species in the catchment	Inanga spawning habitat in the catchment
<b>All rivers on Kapiti Island</b>	•	•	•	
<b>Waitohu Stream</b>		•	•	T
<b>Otaki River</b>	•	•	•	T
<b>Mangaone Stream</b>		•	•	T
<b>Waimeha Stream</b>		•	•	T
<b>Waikanae River</b>	•	•	•	T
<b>Wharemauku Stream</b>		•	•	
<b>Whareroa Stream</b>		•	•	T
<b>Wainui Stream</b>		•	•	
<b>Taupo Stream</b>		•	•	T
<b>Kakaho Stream</b>		•	•	T
<b>Horokiri Stream</b>		•	•	T
<b>Little Waitangi Stream</b>		•	•	
<b>Pauatahunui Stream</b>		•	•	T
<b>Duck Creek</b>		•	•	T
<b>Porirua Stream</b>		•	•	T
<b>Makara Stream</b>		•	•	T
<b>Te Ikaamaru Bay Stream</b>			•	
<b>Oteranga Stream</b>			•	
<b>Karori Stream</b>		•	•	
<b>Owhiro Bay Stream</b>		•	•	T
<b>Kaiwharawhara Stream</b>		•	•	
<b>Korokoro Stream</b>		•	•	

River or lake	Criteria			
	Catchments with a high percentage of indigenous vegetation cover	Habitat for threatened indigenous fish species in the catchment	Habitat for six or more indigenous fish species in the catchment	Inanga spawning habitat in the catchment
<b>Hutt River above, and including, the Akatarawa River confluence</b>	•	•	•	
<b>Hutt River below the Akatarawa Stream confluence</b>		•	•	T
Whakatikei River			•	
Akatarawa River	•	•	•	
Pakuratahi River	•	•	•	
Mangaroa River			•	
<b>Days Bay Stream</b>		•		
<b>Lake Kohangapiripiri and Cameron Creek</b>		•		
<b>Lake Kohangatera and Gollans Stream</b>		•	•	
<b>Wainuiomata River</b>	•	•	•	T
<b>Orongorongo River</b>	•	•	•	
<b>Mukamukaiti Stream</b>	•	•	•	
<b>Wharepapa River</b>	•	•	•	
<b>Pounui Stream and Lake Pounui</b>		•	•	
<b>Lake Wairarapa</b>		•	•	
Manganui Stream		•		
Wairongomai River	•			
Burlings Stream	•		•	
Brocketts Stream	•		•	
Abbots Creek	•	•	•	
Tauherenikau River	•	•	•	
<b>Ruamahanga River above the Kopuaranga river confluence</b>	•		•	
<b>Ruamahanga River below , and including, the Kopuaranga confluence</b>		•	•	T
Waiohine River above the Mangatarere Stream confluence	•	•	•	
Waiohine River below, and including, the Mangatarere Stream to the Ruamahanga River		•	•	
Waingawa River above, and including, the Atiwhakatu Stream	•		•	
Waingawa River below the Atiwhakatu Stream to the Ruamahanga River			•	

River or lake	Criteria			
	Catchments with a high percentage of indigenous vegetation cover	Habitat for threatened indigenous fish species in the catchment	Habitat for six or more indigenous fish species in the catchment	Inanga spawning habitat in the catchment
Waipoua River		•	•	
Tauweru River			•	
Ruakokopatuna River		•	•	
Oruapouanui Stream		•		
Waihora Stream	•	•		
Tauanui Stream		•	•	
Turanganui River	•	•	•	
<b>Putangirua Stream</b>	•	•	•	
<b>Makatukutuku Stream</b>	•	•	•	
<b>Pararaki Stream</b>	•	•	•	
<b>Otakaha Stream</b>	•	•	•	
<b>Mangatoetoe Stream</b>	•	•	•	
<b>Waitetuna Stream</b>	•	•	•	
<b>Whawanui River</b>	•	•	•	
<b>Opouawe River</b>	•	•	•	
<b>Awhea River</b>		•	•	
<b>Oterei River</b>	•	•	•	T
<b>All rivers flowing to the coast between the Huariki Stream and the Rerewhakaaitu River</b>	•			
<b>Pahaoa River</b>			•	T
an unnamed tributary on the true left of the Pahaoa River at easting 2742200 and northing 5992169	•			
an unnamed tributary on the true left bank of the Pahaoa River at northing 2739983 and easting 5991469	•			
Rivers on the true left bank of the Pahaoa River between easting 2732790 and northing 5984194 and the coast.	•			
Rivers on the true right bank of the Pahaoa River between easting 2733640 and northing 5981454 and the coast.	•			
<b>Waiuru Stream</b>	•			
<b>Waihingai Stream</b>	•			
<b>Huatokitoki Stream catchment</b>	•		•	
<b>Kaiwhata River catchment</b>		•	•	

River or lake	Criteria			
	Catchments with a high percentage of indigenous vegetation cover	Habitat for threatened indigenous fish species in the catchment	Habitat for six or more indigenous fish species in the catchment	Inanga spawning habitat in the catchment
Kaimokopuna Stream catchment	•			
Motuwaireka Stream catchment		•	•	T
Whareama River catchment		•	•	T
Ngakauau Stream catchment			•	
Castlepoint Stream catchment			•	
Whakatiki River catchment			•	T
Okau Stream catchment	•		•	
Mataikona River			•	T
Rivers on the true left bank of the Mataikona River between the Pakowhai River and easting 2785345 and northing 6046718	•			
Rivers on the true right bank of the Mataikona River between easting 2784611 and northing 6046207 and the coast.	•			

## Notes to Table 16

Rivers and lakes with significant indigenous ecosystems were selected using indicators of aquatic invertebrate community health, the diversity of indigenous migratory fish species, the presence of nationally threatened fish species and the location of inanga spawning habitat.

Aquatic invertebrate health was assessed using the Macroinvertebrate Community Index and the proportion of pollution sensitive mayfly, caddisfly and stonefly taxa. The relationship between these indices and indigenous vegetation cover in a catchment established the criteria of greater than 70 per cent indigenous vegetation cover in a catchment as having rivers and streams with significant ecosystems.

Rivers and streams in the eastern Wairarapa hill country are physically and biologically distinct from others parts of the region, but have less indigenous vegetation remaining. In order for rivers and streams in this area to be sufficiently represented in the list of rivers and lakes with significant indigenous ecosystems, criteria for indigenous vegetation cover has been lowered to 60 per cent for catchments east of the Ruamahanga River.

The criterion for indigenous fish diversity is six or more migratory fish species recorded in the New Zealand freshwater fish database in a catchment. The criterion for habitat of threatened native fish species is records of shortjaw kokopu (*Galaxias postvectis*), giant kokopu (*galaxias argenteus*) and dwarf galaxias (*Galaxias divergens*), as reported in the New Zealand freshwater fish database.

The locations of inanga spawning habitat are recorded in the following publications: “Inanga Spawning Habitats in the Wellington Region” (2001) and “Inanga Spawning Habitats in the Wellington Region – Part 2” (2003).