

Appendix IA

Rivers and stream catchments with high natural, ecological and amenity values

River or stream	Water quality	Recreational & fishery values	Aesthetic & scenic values	Comments ⁵³
Hangatahua (Stony) River	Excellent water quality throughout whole catchment. High clarity, low turbidity, very low nutrients. Macroinvertebrate community health excellent (average MCI 109-130)	Large river, access for fish to National Park. Very popular and highly valued angling river. High native fish diversity and presence of threatened species.	Upper and middle reaches very highly rated for aesthetic and scenic values.	Median flow of 3500l/s at Mangatete Bridge. Steep gradients in upper and mid reaches with significant water movement and many rapids. Water quantity and movement contributes significantly to wild and scenic character. 39% total riparian cover, upper reaches mostly indigenous, middle reaches mixed vegetation, exotic trees and pasture, lower reaches barren or introduced grasses and weeds.
Huatoki Stream		Highly rated for recreational uses and values. Huatoki walkway.	Highly rated for scenic value. Adjacent parks and reserves.	Mixed vegetation including indigenous, in adjacent parks and reserves.
Kai Auai Stream	Excellent water quality throughout catchment. Slight turbidity.	Moderate access for native fish. Popular and very highly valued angling river.	Highly rated for aesthetic and scenic values.	Mixed vegetation, including indigenous.
Kapuni Stream	Excellent water quality in upper reaches above Opunake Rd (average MCI 135). Low turbidity. Good in middle reaches (average MCI for middle reaches above Skeet Road 94)	Access for native fish through most of river. Presence of threatened species. Highly valued angling river. Highly rated for recreational uses and values.	Highly rated for aesthetic and scenic values.	Median flow of 1300l/s at SH45. Considerable water movement in upper reaches contributes to aesthetic and scenic value. 23% total riparian cover, consisting of mixed vegetation.
Katikara Stream		Moderate access for native fish. Important habitat for threatened species in upper reaches.	Highly rated for aesthetic and scenic values.	Median flow of 600l/s* at river mouth. Steep gradient with noticeable water movement contributes to aesthetic and scenic values.
Kaupokonui Stream	Excellent to good water quality in upper reaches above Opunake Road. Average MCI 124.	Moderate access for native fish. Very popular and highly valued angling river. Very highly rated for recreational uses and values (important recreational area at mouth on South Taranaki coast).		31% total riparian cover, consisting of a mono-culture of exotic trees or pasture.

⁵³ Median flow figures marked with an asterisk (*) are estimates only

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Maketawa Stream	Excellent to good water quality throughout whole catchment. High clarity, low nitrate and phosphorous.	Smaller river, good access for fish. Highly valued angling river. Important habitat for threatened native species.		Median flow of 1300l/s at SH3. Considerable water movement throughout the length of the stream. 59% total riparian cover, consisting of exotic trees, pasture and mixed vegetation.
Manawapou River		High recreational value for whitebaiting.		
Mangahume Stream		Important habitat for threatened native fish species.		
Manganui River	Excellent to good water quality throughout whole catchment. Low nutrients above SH3 and at the confluence with the Waitara River.	Moderate access for native fish. Presence of threatened species. Important habitat for threatened native species. Very popular and highly valued angling river. Very highly rated for recreational uses and values (some swimming).	Very highly rated for aesthetic and scenic values.	Median flow of 840l/s at SH3. Considerable water movement downstream from Everett Park with some Grade 2 and 3 rapids. Water quantity and flows contribute significantly to aesthetic and scenic values. 53% total riparian cover, consisting of mixed vegetation and exotic trees or pasture.
Mangaone Stream in the Waiwhakaiho River catchment		Tributary of the Waiwhakaiho in the lower catchment. Particularly high native fish diversity and presence of threatened species.		
Mangaoraka Stream		Small lowland stream with very good access. Highly valued trout stream. Very good access for native fish. Supports important Waiongana Stream whitebait fishery.		Median flow 1240l/s at Corbett Road. Low gradient, meandering stream. 54% total riparian cover.
Mangatoki Stream		Popular and valued angling river supporting trout stocks in the Waingongoro River system.		40% total riparian cover. Dense indigenous trees and scrub in upper reaches, pasture and exotic trees in lower reaches.
Mangawhero Stream in the Kaupokonui catchment	Good water quality. Presence of iron hydroxide gives milky appearance.	Valued angling river. Access for native fish through most of river.		Meandering stream with deep ponds in middle and low reaches. 31% total riparian cover (Kaupokonui catchment figure).

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Mangorei Stream	Excellent to good water quality throughout whole catchment. High clarity and low nutrients.	Important habitats for native fish. Valued angling river. Supports trout stocks in the lower Waiwhakaiho River.	Highly rated for aesthetic and scenic values.	Median flow of 1500l/s* at Burgess Park. Major tributary of the Waiwhakaiho River. Numerous pools occur. Important for maintaining water levels and flows in lower Waiwhakaiho River. 61% total riparian cover, mixed vegetation including indigenous vegetation.
Mimi River		Whitebaiting. Good diversity of native aquatic fauna including eels, whitebait, bullies and torrent fish.	Good scenic values, steep cliffs with puketea forest. High ecological values in upper reaches. Estuary considered to be an area of outstanding coastal value.	Retained native vegetation.
Mohakatino River		Good diversity of native aquatic fauna including eels, whitebait, bullies and torrent fish. Recreational uses (canoeing, whitebaiting).	High aesthetic and scenic values. High ecological values in upper reaches. Estuary considered to be an area of outstanding coastal value.	Native forest in upper reaches.
Ngatoro-nui Stream		Access for native fish through most of river. Important native fish values.		43% total riparian cover, consisting of mono-culture of exotic trees or pasture.
Oakura River	Excellent in upper reaches. Excellent to good in lower reaches. Very low nutrients and low turbidity.	Moderate access for native fish. Highly rated for recreational uses and values (particularly swimming and whitebaiting). Important habitat for threatened species in tributaries.	Very highly rated for aesthetic and scenic values.	Median flow of 1650l/s at Surrey Hill Road. Very steep gradient with noticeable water movement. Swift current and pool and riffle pattern. 53% total riparian cover, consisting of mixed vegetation including some areas of indigenous vegetation.
Oaonui Stream		Access for native fish through most of river. Important native fish values.		
Okahu Stream		Smaller river, good access for native fish. Presence of threatened species. Valued small stream trout fishery.	Highly rated for aesthetic and scenic values.	53% total riparian cover, consisting of mixed vegetation with some exotic trees and pasture.

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Onaero River		Good diversity of native aquatic fauna including eels, whitebait, bullies and torrent fish and presence of threatened species. Recreational uses (camping, picnicking, whitebaiting).	Aesthetic and scenic values. Protected wetlands at headwaters.	Retained native vegetation in upper reaches.
Ouri Stream		High native fish diversity.		
Patea River	Excellent to good water quality in upper reaches above Cardiff Rd (average MCI 135).	Moderate access for native fish. Very popular and highly valued angling river. Very highly rated for recreational uses and values.	Highly rated for aesthetic and scenic values.	Median flow of 3200l/s at Skinner Road. Relatively steep gradient in ring plain reaches and numerous rapids ensures continuous water movement. 51% total riparian cover, consisting of mixed vegetation.
Tangahoe River		High recreational value for whitebaiting.		
Tapuae Stream		Access for native fish through most of the stream. Small stream trout fishery.	Highly rated for aesthetic and scenic values.	Median flow of 1400l/s* at river mouth. Very steep gradient with noticeable water movement and numerous shingle rapids which contribute to its scenic appeal. 37% total riparian cover, mixed vegetation including indigenous vegetation.
Te Henui Stream		Moderate access for native fish and presence of threatened species. Highly valued angling river. Locally significant trout fishery. Very highly rated for recreational uses and values.	Highly rated for aesthetic and scenic values.	Median flow of 1200l/s* at river mouth. Significant water movement throughout the length of the stream which contributes to its high recreational and scenic value. 53% total riparian cover, consisting of mixed vegetation.
Timaru Stream	Excellent to good throughout whole catchment. Low nutrients and low turbidity.	Moderate access for native fish. Important habitat for threatened native species in tributaries. Highly valued angling river. Locally significant whitebait fishery. Highly rated for recreational uses and values.	Very highly rated for aesthetic and scenic values.	Median flow of 1100l/s at SH45. Steep gradient. Considerable current over shingle rapids enhances aesthetic and scenic values. 49% total riparian cover, consisting of mixed vegetation.

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Tongaporutu River		Good diversity of native aquatic fauna including eels, whitebait, bullies and torrent fish and presence of threatened species. Recreational uses (canoeing, whitebaiting).	Highly rated for aesthetic and scenic values. Estuary considered to be an area of outstanding coastal value.	Water quantities and flows contribute significantly to high recreational, scenic and aesthetic values. Native forest in upper reaches.
Waiaua River		Popular and valued angling river. Largest angling river between the Hangatahua (Stony) River and Kaupokonui Stream.		
Urenui River		High ecological values in upper reaches. Good diversity of native aquatic fauna including eels, whitebait, bullies and torrent fish. Recreational uses (whitebaiting).	Aesthetic and scenic values.	Retained native vegetation.
Waingongoro River	Excellent in upper reaches above Opunake Road. Good in middle and lower reaches (average MCI 124). MCI of between 90 and 120 in middle reaches above Skeet Road.	Moderate access for native fish. Very popular highly valued angling river. Very highly rated for recreational uses and values.	Highly rated for aesthetic and scenic values.	Median flow of 4940l/s at SH45 is one of the highest of ring plain rivers. Relatively low gradient with many pools and riffles. 31% riparian cover, consisting of mixed vegetation with some indigenous vegetation in places.
Waiongana Stream		Smaller river, good access for fish. Highly valued angling river. Highly rated for recreational uses and values (including whitebaiting).		Median flow of 2680l/s at Devon Road. Considerable water movement in upper reaches. Current slows considerably in lower reaches below Lepperton. 53% total riparian cover, consisting of mono-culture of exotic trees or pasture.
Waitara River (middle reaches – from confluence with Manganui River to Bertrand Road)		Large river, access for fish to National Park.	Highly rated for aesthetic and scenic values.	Median flow of 32300l/s at Bertrand Road. Noticeable water movement in some sections with numerous rapids but long, calm, flat sections in between. 35% total riparian cover, middle reaches consisting of mono-culture of exotic trees or pasture.

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Waitara River (lower reaches – from Bertrand Road to river mouth)		Large river, access for fish to National Park. Whitebait congregating area. Very highly rated for recreational uses and values (canoeing).		Median flow of 34000l/s* at river mouth. River becomes flat and slow moving below Bertrand Rd bridge with some areas of shingle rapids. 35% total riparian cover, lower reaches consisting of barren or introduced grasses and weeds.
Waitotara River		High recreational value for whitebaiting.	Estuary listed in Coastal Plan as an area of outstanding coastal value.	
Waiweranui River		Access for native fish through most of river. Important native fish values.		Median flow of 900l/s* at river mouth.
Waiwhakaiho River (upper reaches – Egmont National Park to Lake Mangamahoe)	Excellent to good water quality. MCI excellent to very good, average 130.	Access for native fish through most of river. Highly valued angling river. Tributaries provide important native fish habitat.	Highly rated for aesthetic and scenic values.	Median flow of 4050l/s at Egmont Village. Shallow river. Numerous small rapids and continuous water movement. There are several pools along this section. 39% riparian cover over all reaches of the river, upper reaches consisting of exotic trees or pasture and introduced grasses or weeds.
Waiwhakaiho River (middle reaches – Lake Mangamahoe to Audrey Gale Park)	Excellent to good water quality. MCI excellent to very good, average 130.	Access for native fish through most of river. Highly valued angling river. Very highly rated for recreational uses and values. Tributaries provide important native fish habitat.	Very highly rated for aesthetic and scenic values.	Median flow of 5900l/s* at Audrey Gale Park. Series of continuous rocky rapids with segments of swiftly flowing turbulent white water. Eddies and pools occur below the rapids. 39% riparian cover over all reaches of the river, middle reaches consisting of mixed vegetation including indigenous.
Waiwhakaiho River (lower reaches – Audrey Gale Park to river mouth)		Access for native fish through most of river. Highly valued angling river. Highly rated for recreational uses and values, including whitebaiting. Tributaries provide important native fish habitat.		Median flow of 5900l/s* at river mouth is one of the highest of ring plain rivers. Slower moving section of the river with some rapids and pools. 39% riparian cover over all reaches of the river, lower reaches consisting of barren or introduced grasses and weeds.
Warea River		Smaller river, good access for native fish. Good habitat for threatened native fish species. Important native fish values.		16% total riparian cover, consisting of mono-culture of exotic trees or pasture.

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Whenuakura River		High recreational value for whitebaiting.	Estuary listed in Coastal Plan as an area of outstanding coastal value.	

