

PART Ba2.2: How and Where Specific Water Management Values Apply

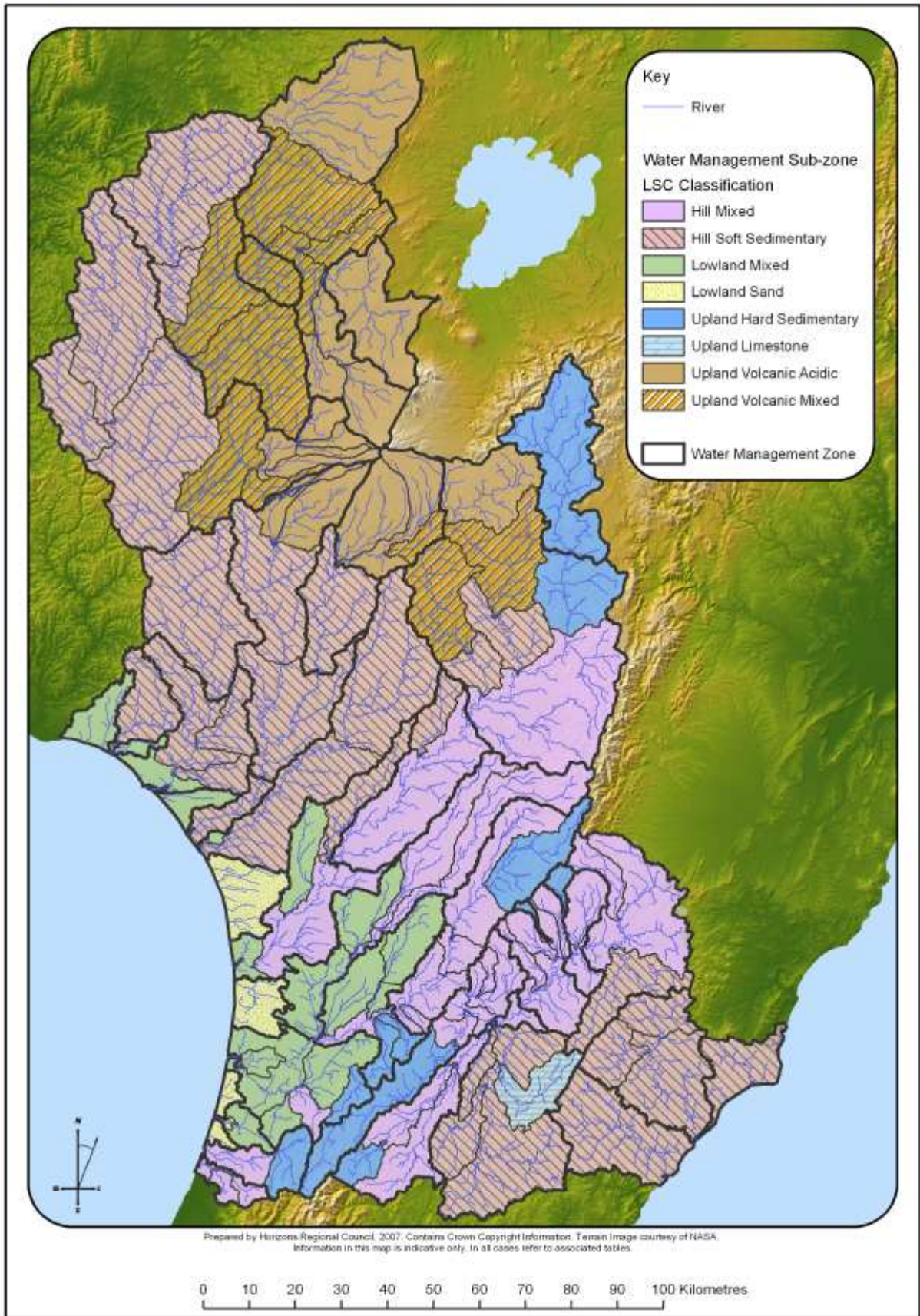
USER NOTE: For map abbreviations – refer to the fold-out A3 VALUES KEY at the back of this Schedule.¹

Ecosystem Values



¹ Note to the Hearing Panel: This key is conceptualised but has not been fully designed to work as it would in the plan as yet

Life Supporting Capacity (LSC) Value



Map D:10 Ba:10 Visual guide to the distribution of the Life Supporting Capacity (LSC) Value in water bodies* across the Manawatu-Wanganui Region.

Table D.4: Life Supporting Capacity Value by Management Zone/Sub-zone in the Manawatu-Wanganui Region

Management Zone	Sub-zone	Description*	Life Supporting Capacity Classification
Upper Manawatu	Upper Manawatu	Manawatu River – source to Weber Road (U23:751-027)	HM
	Mangatewainui	Mangatewainui River – source to Manawatu confluence (U23:829-086)	HM
	Mangatoro	Mangatoro Stream – source to Manawatu confluence (U23:810-027)	HSS
Weber-Tamaki	Weber-Tamaki	Manawatu River – Weber Road to Tamaki confluence	HM
	Mangatera	Mangatera Stream – source to Manawatu confluence (U23:737-025)	HM
Upper Tamaki	Upper Tamaki	Tamaki River – source to water supply weir (U23:709-111)	UHS
Upper Kumeti	Upper Kumeti	Kumeti Stream – source to Te Rehunga flow recorder (T23:663-052)	UHS
Tamaki Hopelands	Tamaki Hopelands	Manawatu River – Tamaki confluence to Hopelands (T24: 616-899)	HM
	Lower Tamaki	Tamaki River – Water supply weir to Manawatu confluence (U23:709-002)	HM
	Lower Kumeti	Kumeti Stream – Te Rehunga to Manawatu confluence (U23:701-006)	HM
	Oruakeretaki	Oruakeretaki Stream – source to Manawatu confluence (T23:690-000)	HM
	Raparapawai	Raparapawai Stream – source to Manawatu confluence (T24:643-932)	HM
Hopelands-Tiraumea	Hopelands-Tiraumea	Manawatu River – Hopelands to Tiraumea confluence (Ngawapurua) (T24:553-870)	HM
Tiraumea	Upper Tiraumea	Tiraumea River – source to Ngaturi confluence (T24:578-780)	HSS
	Lower Tiraumea	Tiraumea River – Ngaturi confluence to Manawatu confluence (T24:555-870)	HSS
	Mangaone River	Mangaone River – source to Tiraumea confluence (T24:541-730)	HSS
	Makuri	Makuri River – source to Tiraumea confluence (T24:568-771)	ULi
Mangatainoka	Upper Mangatainoka	Source to Larsons Road	UHS
	Middle Mangatainoka	Larsons Road to downstream Makakahi confluence	HM
	Lower Mangatainoka	Makakahi confluence to Tiraumea confluence	HM
	Makakahi	Makakahi River – source to Mangatainoka confluence	HM
	Mangaramarama	Mangaramarama Creek – source to Mangatainoka confluence (T24:557-844)	HSS
Upper Gorge	Upper Gorge	Manawatu River – Tiraumea confluence to Upper Gorge flow recorder (T24:494-933)	HM
	Mangapapa	Mangapapa Stream – source to Mangaatua confluence (T24:515-922)	HM
	Mangaatua	Mangaatua Stream – source to Manawatu confluence (T24:496-925)	HM
	Upper Mangahao	Mangahao River – source to Balance (T24:468-818)	UHS
	Lower Mangahao	Mangahao River – Ballance to Manawatu confluence (T24:496-891)	HM
Middle Manawatu	Middle Manawatu	Manawatu River – Upper Gorge to Teacher's College (T24:331-892)	HM
	Upper Pohangina	Pohangina River – source to Totara Reserve (T23:534-167)	UHS
	Middle Pohangina	Pohangina River – Totara Reserve to Mais Reach (T23:467-053)	HM
	Lower Pohangina	Pohangina River – Mais Reach to Manawatu confluence (T24:450-966)	HM

* Includes all inflowing tributaries and catchment area unless otherwise specified.

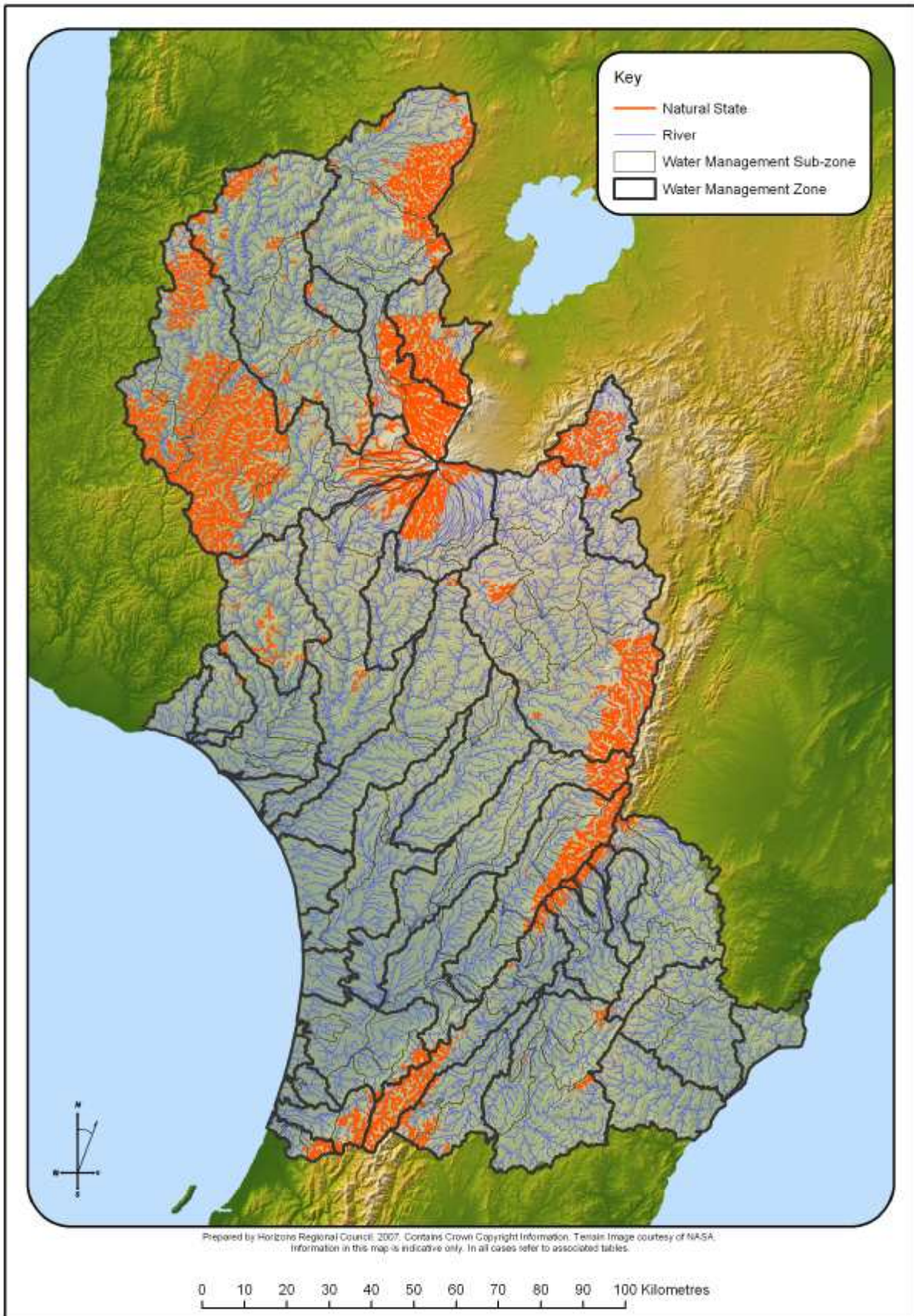
Management Zone	Sub-zone	Description ¹	Life-Supporting Capacity Classification
	Aokautere	Aokautere Stream – source to Manawatu confluence (T24:349 899)	HM
Lower Manawatu	Lower Manawatu	Manawatu River – Teacher's College to Oroua confluence (S24:167 826)	HM
	Turitea	Turitea Stream – source to Manawatu confluence (T24:304 881)	UHS
	Kahuterawa	Kahuterawa Stream – source to Manawatu confluence (S24:292 876)	UHS
	Upper Mangaone Stream	Mangaone Stream – source to Milson Line (T24:311 953)	LM
	Lower Mangaone Stream	Mangaone Stream – Milson Line to Manawatu confluence (S24:283 872)	LM
	Main Drain	Main Drain catchment to Manawatu confluence (including Taonui Stream) (S24:181 836)	LM
Oroua	Upper Oroua	Oroua River – source to Almadale (T23:365 113)	HM
	Middle Oroua	Oroua River – Almadale Awahuri Bridge (S23:243 002)	HM
	Lower Oroua	Oroua River – Awahuri Bridge to Manawatu confluence (S24:167 826)	LM
	Kiwiotea	Kiwiotea Stream – source to Oroua confluence (T23:309 066)	HM
	Makino	Makino Stream – source to Oroua confluence (S23:243 004)	LM
Coastal Manawatu	Coastal Manawatu	Manawatu River – Oroua confluence to mouth (S24:977 788)	LM
	Upper Tokomaru	Tokomaru River – source to Horseshoe Bend (S24:241 768)	UHS
	Lower Tokomaru	Tokomaru River – Horseshoe Bend to Manawatu confluence (S24:134 727)	LM
	Mangaore	Mangaore River – source to Manawatu confluence (S24:123 717)	HM
	Koputaroa	Koputaroa Stream – source to Manawatu confluence (S24:106 708)	LM
	Foxton Loop	Manawatu at SH1 to downstream limit of Whirikino Cut (S24:010 769)	LM
Upper Rangitikei	Upper Rangitikei	Rangitikei River – source to Makahikatoa Stream (U21:726 888)	UHS
Middle Rangitikei	Middle Rangitikei	Rangitikei River – Makahikatoa Stream to Pukeokahu (U21:713 708)	UHS
	Pukeokahu – Mangaweka	Rangitikei main stem – Pukeokahu to Mangaweka (T22:504 513)	HM
	Upper Moawhango	Moawhango River – source to Moawhango Dam (T20:469 960)	UVA
	Middle Moawhango	Moawhango Dam to Moawhango Township (T21:557 745)	UVM
	Lower Moawhango	Moawhango Township to Rangitikei confluence (T21:609 623)	HSS
	Upper Hautapu	Hautapu River – source to Taihape (T21:506 670)	UVM
Lower Rangitikei	Lower Hautapu	Hautapu River – Taihape to Rangitikei confluence (T22:529 574)	HSS
	Lower Rangitikei	Rangitikei River – Mangaweka to Onepuhi (S23: 201 222)	HM
Coastal Rangitikei	Makohine	Makohine Stream – source to Rangitikei confluence (T22:400 443)	HSS
	Coastal Rangitikei	Rangitikei – Onepuhi to McKelvies (S24:033 985)	HM
	Tidal Rangitikei	Rangitikei – McKelvies to mouth (S24:991 984)	LM
	Porewa	Porewa Stream – source to Rangitikei confluence (S23:190 212)	HSS
	Tutaenui	Tutaenui Stream – source to Rangitikei confluence (S23:101 095)	LM
Upper Whanganui	Upper Whanganui	Whanganui River – source to Whakapapa confluence (S19: 189 499)	UVA
Cherry Grove	Cherry Grove	Whanganui River – Whakapapa confluence to Cherry Grove (S18:057 545)	UVM

Management Zone	Sub-zone	Description ¹	Life-Supporting Capacity Classification
	Upper Whakapapa	Whakapapa River – source to Footbridge (S19: 226-293)	UVA
	Lower Whakapapa	Whakapapa River – Footbridge to Whanganui confluence (S19: 189-499)	UVA
	Piopiotea	Piopiotea Stream – source to Whakapapa confluence (S19:174-356)	UVA
	Pungapunga	Pungapunga River – source to Whanganui confluence (S18:124-546)	UVM
	Upper Ongarue	Ongarue River – source to Waihuka Stream confluence (S18:108-785)	UVA
	Lower Ongarue	Ongarue River – Waihuka Stream to Whanganui confluence (S18:056-547)	UVM
Te Maire	Te Maire	Whanganui River – Cherry Grove to Te Maire (S19: 998-490)	UVM
Middle Whanganui	Middle Whanganui	Whanganui River – Te Maire to Retaruke confluence (Wades Landing/Whakahoro) (R19: 886-306)	UVM
	Upper Ohura	Ohura River – source to Tokorima (R18: 863-521)	HSS
	Lower Ohura	Ohura River – Tokorima to Whanganui confluence (R19:887-386)	HSS
	Retaruke	Retaruke River – source to Whanganui confluence (R19:890-309)	UVM
Pipiriki	Pipiriki	Whanganui River – Retaruke confluence to Pipiriki (R21: 859-897)	HSS
	Tangarakau	Tangarakau River – source to Whanganui confluence (R20:714-175)	HSS
	Whangamomona	Whangamomona River – source to Whanganui confluence (R20:731-130)	HSS
	Upper Manganui o te Ao	Manganui o te Ao River – source to Hoihenga Road (S20:047-077)	UVA
	Lower Manganui o te Ao	Manganui o te Ao – Hoihenga Road to Whanganui confluence (R20:861-979)	UVM
Paetawa	Paetawa	Whanganui River – Pipiriki to Paetawa (S22: 937-566)	HSS
Lower Whanganui	Lower Whanganui	Whanganui River – Paetawa to Aramoho Bridge (R22:858-420)	HSS
	Coastal Whanganui	Whanganui River – Aramoho Bridge to mouth (R22:797-328)	LM
	Upokongaro	Upokongaro River – source to Whanganui confluence (S22:908-463)	HSS
	Matarawa	Matarawa River – source to Whanganui confluence (R22:857-403)	HSS
Upper Whangaehu	Upper Whangaehu	Whangaehu – source to Karioi (S21: 218-864)	UVA
	Waitangi	Waitangi Stream – source to Whangaehu confluence (T21:316-888)	UVM
	Tokiahuru	Tokiahuru Stream – source to Whangaehu confluence (S21:219-865)	UVA
Middle Whangaehu	Middle Whangaehu	Whangaehu River – Karioi to Aranui (S21: 175-627)	HSS
Lower Whangaehu	Lower Whangaehu	Whangaehu River – Aranui to Kauangaroa (S22:045-397) (includes Mangawhero from Raupiu Road to Whangaehu confluence)	HSS
	Upper Makotuku	Makotuku River – source to Water supply weir (S20: 103-011)	UVA
	Lower Makotuku	Makotuku River – Water supply weir to Mangawhero confluence (S20:080-903)	UVA
	Upper Mangawhero	Mangawhero River – source to Makotuku confluence(S20:080-903)	UVA
	Lower Mangawhero	Mangawhero River – Makotuku confluence to Raupiu Road (S21:099-646)	HSS
Coastal Whangaehu	Coastal Whangaehu	Whangaehu River – Kauangaroa to mouth (R23:890-275)	HSS
Turakina	Upper Turakina	Turakina River – source to Otairi (S22: 236-471)	HSS
	Lower Turakina	Turakina River – Otairi to mouth (S23:924-231)	HSS

Management Zone	Sub-zone	Description ¹	Life-Supporting Capacity Classification
	Ratana	Lakes Waipu and Oraekomiko and all surrounding catchment area	LM
Ohau	Upper Ohau	Ohau River – source to Rongomatane (S25:072 577)	UHS
	Lower Ohau	Ohau River – Rongomatane to mouth (S25:918 578)	HM
Owahanga	Owahanga	Owahanga River – source to mouth (U25:932 532)	HSS
East Coast	East Coast	Wainui, Tautane and Waimata – whole catchments from source to mouth	HSS
Akitio	Upper Akitio	Akitio River – source to Weber Road (U24: 919 832)	HSS
	Lower Akitio	Akitio River – Weber Road to mouth (U25:992 610)	HSS
	Waihi	Waihi Stream – source to Akitio confluence (U24:895 801)	HSS
Northern Coastal	Northern Coastal	All coastal catchments and dune lakes between Kai Iwi and Waitotara catchments	LM
Kai Iwi	Kai Iwi	Kai Iwi Stream – source to mouth (R23:723 449)	HSS
Mowhanau	Mowhanau	Mowhanau Stream – source to mouth (R22:725 447)	LM
Kaitoke Lakes	Kaitoke Lakes	Lakes Kaitoke, Pauri, Writoa, Kohata and all surrounding catchment area	LM
Southern Wanganui Lakes	Southern Wanganui Lakes	Lakes Vipan, Heaton, Bernard, William, Herbert, Hickson, Alice, Koitiata, Dudding and all surrounding catchment area	LS
Northern Manawatu Lakes	Northern Manawatu Lakes	All lakes and lagoons between Coastal Rangitikei and Coastal Manawatu and all surrounding catchment area	LS
Waitarere	Waitarere	All lakes and lagoons between Coastal Manawatu and Lake Horowhenua catchment and all surrounding catchment area	LS
Lake Papaitonga	Lake Papaitonga	Lake Papaitonga catchment	LS
Waikawa	Waikawa	Waikawa Stream – source to mouth (S25:908 548)	HM
Lake Horowhenua	Lake Horowhenua	Whole lake catchment above Hokio Stream outlet	LM
	Hokio	Hokio Stream downstream of Lake Horowhenua outlet	LS



Natural State Value



Map D-9 Ba:11 Visual guide to the distribution of the Natural State (NS) Value in *water bodies** across the Manawatu-Wanganui Region.

Natural State Definition: All sections of *rivers* that have sources in, and flow within, the Public Conservation Land, with the exception of those where damming or diversion have significantly affected the natural state of the *water* (Table D.3 Table Ba.11).

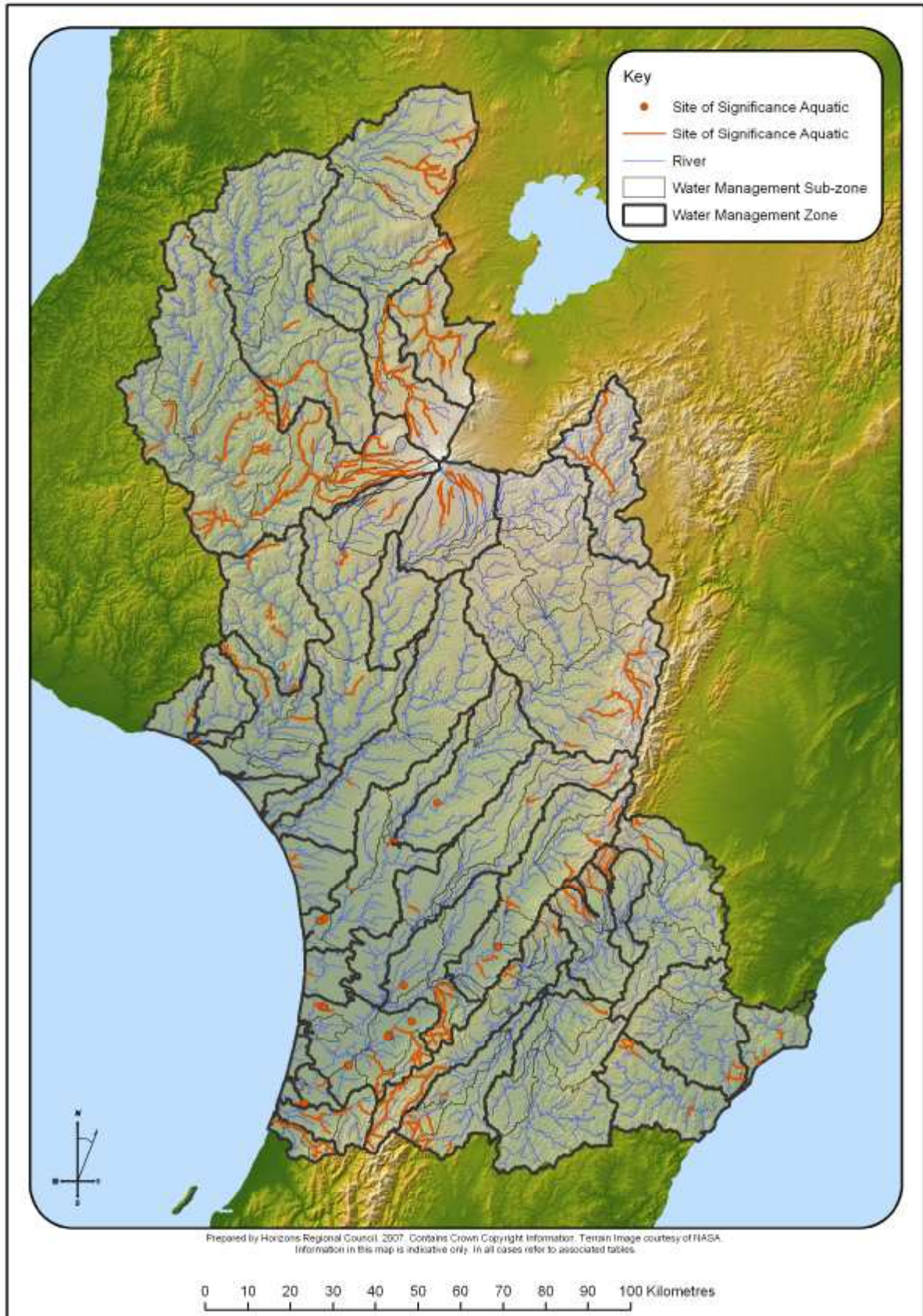
Table D.3: Waterbodies within public conservation land excluded from the Natural State Value

Table Ba.11: *Water bodies** within public conservation land excluded from the Natural State (NS) Value

Management Zone	Sub-zone	River/Stream Name	Locality Description
Upper Gorge	Upper and Lower Mangahao (Mana 9d and Mana 9c)	Mangahao River	From confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to the top of the Upper Dam at approx. NZMS 260 S24:191-608
Coastal Manawatu	Upper and Lower Tokomaru (Mana 13b and Mana 13c)	Tokomaru River	From confluence with the Manawatu River at approx. NZMS 260 S24:132-727 to top of the Tokomaru No.3 Reservoir at approx. NZMS 260 S25:203-654
	Mangaore (Mana 13d)	Mangaore Stream	From confluence with the Manawatu River at approx. NZMS 260 S24:116-712 to source



Sites of Significance - Aquatic (SoS-A) Value



Map D-14 Ba:12 Visual guide to the distribution of the Aquatic Sites of Significance - Aquatic (SoS-A) Value in *water bodies** across the Manawatu-Wanganui Region.

Table D.5: Aquatic Sites of Significance in the Manawatu-Wanganui Region

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region				
Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
Upper Manawatu	Upper Manawatu (Mana 1a)	Manawatu River and Tributaries	K koaro and D dwarf galaxid G alaxias	From the confluence with the Manawatu River at approx. NZMS 260 U23:780-258 to source
	Mangatewainui (Mana 1b)	Mangatewainui River	D dwarf galaxid G alaxias	From approx. NZMS 260 U23:828-177 to approx. NZMS 260 U23:785-231
Upper Tamaki	Upper Tamaki (Mana 3)	Tamaki River including East and West Branches	D dwarf galaxid G alaxias	From approx. NZMS 260 U23:710-131 to source
Upper Kumeti	Upper Kumeti (Mana 4)	Kumeti/Mangapuaka Stream	D dwarf galaxid G alaxias	From approx. NZMS 260 T23:646-091 to source
Tamaki-Hopelands	Lower Tamaki (Mana 5b)	Rokaiwhana Stream	D dwarf galaxid G alaxias	From the confluence with the Tamaki River at approx. NZMS 260 T23:697-091 to source
	Oruakeretaki (Mana 5d)	Mangapukakakahu Stream	D dwarf galaxid G alaxias	From the confluence with the Oruakeretaki River at approx. NZMS 260 T23:666-023 to source
		Oruakeretaki Stream	D dwarf galaxid G alaxias	From approx. NZMS 260 T23:642-045 to approx. NZMS 260 T23:618-067
		Oruakeretaki Tributary	D dwarf galaxid G alaxias	From the confluence with the Oruakeretaki Stream at approx. NZMS 260 T23:628-058 to source
Tiraumea	Lower Tiraumea (Mana 7b)	Makairo Stream	S shortjaw kokopu and K koaro	From approx. NZMS 260 T24:655-833 to source
Mangatainoka	Upper Mangatainoka (Mana 8a)	Mangatainoka Tributary	S shortjaw kokopu and K koaro	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:249-535 to source
		Ngamaia Stream Tributary	K koaro	From the confluence with the Ngamaia Stream at approx. NZMS 260 S25:243-568 to source
		Mangatainoka River	S shortjaw kokopu and K koaro	From approx. NZMS 260 S25:262-562 to source
		Mangatainoka Tributary	S shortjaw kokopu	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:252-555 to source
		Rawnsley Stream	S shortjaw kokopu	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:259-555 to source
		Makotukutuku Stream	S shortjaw kokopu	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:279-576 to source
	Middle Mangatainoka (Mana 8b)	Tramway Creek	D dwarf galaxid G alaxias	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:326-625 to source
Makakahi (Mana 8c)	Bruce Stream Tributary	S shortjaw K kokopu	From the confluence with the Bruce Stream at approx. NZMS 260 T25:332-510 to source	

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Makakahi River Tributary	S shortjaw K kokopu	From the confluence with the Makakahi River from at approx. NZMS 260 S25:286-514 to source
		Makakahi River	S shortjaw K kokopu	From the confluence with a tributary at approx. NZMS 260 S25:286-514 to source
Upper Gorge	Upper Gorge (<u>Mana_9a</u>)	Manawatu River Tributary	R redfin B bully	From the confluence with the Manawatu River at approx. NZMS 260 T24:486-899 to source
		Manawatu River Tributary	R redfin B bully	From the confluence with the Manawatu River at approx. NZMS 260 T24:490-928 to source
	Mangaatua (<u>Mana_9c</u>)	Mangaatua Stream	S shortjaw K kokopu	From approx. NZMS 260 T24:590-992 To approx. NZMS 260 T23:574-023
	Lower Mangahao (<u>Mana_9e</u>)	Mangahao Tributary	D dwarf galaxid G alaxias	From the confluence with the Mangahao River at approx. NZMS260 S25:150-532 to source
		Mangahao River	D dwarf galaxid G alaxias and S shortjaw K kokopu	From approx. NZMS 260 T25:324-679 T to source
		Roaring Creek	D dwarf galaxid G alaxias	From the confluence with the Mangahao River at approx. NZMS 260 S25:190-606 to source
		Ngapuketuru Stream	B banded kokopu and S shortjaw kokopu	From the confluence with the Mangahao River at approx. NZMS 260 S25:278-660 to source
Middle Manawatu	Middle Manawatu (<u>Mana_10a</u>)	Manawatu River Tributary	H amprey	From the confluence with the Manawatu River at approx. NZMS 260 T24:410-937 to <u>approx. NZMS 260 T24:444-940</u>
		Manawatu River Tributary	H amprey	From the confluence with the Manawatu River at approx. NZMS 260 T24:392-929 to <u>approx. NZMS 260 T24:413-902</u>
	Upper Pohangina (<u>Mana_10b</u>)	Pohangina Tributary	K koaro	From the confluence with the Pohangina River at approx. NZMS 260 T23:652-233 to source
		Pohangina River	W whio	From <u>approx. NZMS 260 U23:705-256</u> to approx. NZMS 260 U23:708-303
		Makawakawa Stream Tributary	K koaro	From approx. NZMS 260 T23:606-173 to source
	Middle Pohangina (<u>Mana_10c</u>)	Pohangina River	K koaro	From approx. NZMS 260 T23:468-058 to <u>approx. NZMS 260 T23:469-086</u>
		Waitokanui Stream	R redfin B bully	From the confluence with the Pohangina River at approx. NZMS 260 T23:474-069 to source
	Lower Pohangina (<u>Mana_10d</u>)	Ashhurst Domain	B brown M mudfish	At approx. NZMS 260 T24:446-967 to <u>approx. NZMS 260 T24:444-940</u>
Lower Manawatu	Turitea (<u>Mana_11b</u>)	Tiritea Stream	H amprey	From the confluence with the Manawatu River at approx. NZMS 260 T24:302-880 to <u>approx. NZMS 260 T24:341-866</u>
	Kahuterawa (<u>Mana_11c</u>)	Kahuterawa Stream and Tributaries	B banded K kokopu, S shortjaw K kokopu k oaro and R redfin B bully	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-870 to source

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
	Main Drain (Mana_11f)	Unnamed Wetland	Brown Mudfish	At approx. NZMS 260 S24:223-877
Oroua	Upper Oroua (Mana_12a)	Mangapikopiko Stream	Banded Kokopu	From the confluence with the Oroua River at approx. NZMS 260 T22:515-307 to approx. NZMS 260 T22:538-317
		Oroua River	Banded Kokopu	From approx. NZMS 260 T22:667-349 to source
	Makino (Mana_12e)	Mangaone West Stream	Redfin Bully	From approx. NZMS 260 S23:258-050 to approx. NZMS 260 S23:236-064
Coastal Manawatu	Coastal Manawatu (Mana_13a)	Round Bush Scenic Reserve and tributary	Brown Mudfish	From approx. NZMS 260 S24:013-835 to source at approx. NZMS 260 S24:058-819
	Upper Tokomaru (Mana_13b)	Tokomaru River Tributary	Redfin Bully, Koaro and Banded Kokopu	From the confluence with the Tokomaru River at approx. NZMS 260 S24:243-705 to source
		Tokomaru River Tributary	Redfin Bully, Koaro and Banded Kokopu	From the confluence with the Tokomaru River at approx. NZMS 260 S24:255-720 to source
		Tokomaru River Tributary	Redfin Bully, Koaro and Banded Kokopu	From the confluence with the Tokomaru River at approx. NZMS 260 S24:259-734 to source
	Upper and Lower Tokomaru (Mana_13b and Mana_13c)	Tokomaru River	Redfin Bully, Koaro and Banded Kokopu	From approx. NZMS 260 S24:198-776 to approx. NZMS 260 S25:240-698
	Lower Tokomaru (Mana_13c)	Makuera Swamp Wildlife Management Reserve	Brown Mudfish	At approx. NZMS 260 S24:190-760
	Mangaore (Mana_13d)	Mangaore Stream	Shortjaw Kokopu, Redfin Bully and Koaro	From approx. NZMS 260 S24:142-711 to source at approx. S24:177-635
		Mangatangi Stream	Shortjaw Kokopu, Redfin Bully and Koaro	From the confluence with the Mangaore Stream at approx. NZMS 260 S25:173-670 to source
		Mangaore Stream Tributary	Koaro	From the confluence with the Mangaore Stream at approx. NZMS 260 S25:161-648 to source
Koputaroa (Mana_13e)	Perawitis Wetland	Brown Mudfish	At approx. NZMS 260 S25:094-688 and approx. NZMS 260 S25:095-688	
Upper Rangitikei	Upper Rangitikei (Rang_1)	Rangitikei River	Whio	From approx. NZMS 260 U20:707-031 to approx. NZMS 260 U19:716-274
		Mangamarie River	Whio	From the confluence with the Rangitikei River at approx. NZMS 260 T20:691-090 to approx. NZMS 260 T20:699-102
		Otamatenui Stream	Whio	From the confluence with the Rangitikei River at approx. NZMS 260 T20:672-107 to approx. NZMS 260 T20:603-146
Middle Rangitikei	Pukeokahu – Mangaweka (Rang_2b)	Mangatera River	Whio	From the confluence with the Maropea River at approx. NZMS 260 U21:749-655 to Lake Colenso at approx. NZMS 260 U21:781-660
		Waiokotore Stream	Whio	From the confluence with the Mangatera River at approx. NZMS 260 U21:770-659 to approx. NZMS 260 U21: 789-697

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Maroepa River	W whio	From the confluence with the Mangatera River at approx. NZMS 260 U21:749-655 to approx. NZMS 260 U22:803-580
		Kawhatau River	W whio	From the confluence with Hikurangi Stream at approx. NZMS 260 U22:700-557 to approx. NZMS 260 U22:760-499
		Waikakamaka River	W whio	From the confluence with the Maroepa River at approx. NZMS 260 U21:748-622 to approx. NZMS 260 U22:782-502
		Porangaki River	D dwarf galaxid Galaxias and redfin bully	From the confluence with the Mangakukeke Stream at approx. NZMS 260 T22:635-507 to approx. NZMS 260 T22:651-499
		Hikurangi Stream	D dwarf galaxid Galaxias	From the confluence with the Kawhatau River at approx. NZMS 260 T22:661-530 to source
		Mangawharariki River	S hortjaw Kokopu dwarf Galaxias	From approx. NZMS 260 T22:602-449 to approx. NZMS 260 T22:632-444
Lower Rangitikei and Coastal Rangitikei	Lower Rangitikei and Coastal Rangitikei (Rang 3a and Rang 4a)	Rangitikei River	R edfin Bbully	From approx. NZMS 260 S23:184-206 to approx. NZMS 260 S23:210-222
Coastal Rangitikei	Coastal Rangitikei (Rang 4b)	Forest Road Wetland	giant kokopu	From approx. NZMS 260 S23:016-028 to approx. NZMS 260 S23:040-034
	Tutaenui (Rang 4d)	Tutaenui Stream Tributary	B brown Mmudfish	From the confluence with the Tutaenui Stream at approx. NZMS 260 S23:104-104 to source
	Coastal Rangitikei (Rang 4b)	Forest Road Wetland	Giant Kokopu	From approx. NZMS 260 S23:016-028 to approx. S23:040-034
Upper Whanganui	Upper Whanganui (Whai 1)	Otamangakau Outlet	whio	From the confluence with the Whanganui River at approx. NZMS 260 T19:354-409 to approx. NZMS 260 T19:359-411
		Otamarautara Stream and tributaries	whio	From the confluence with the Whanganui River at approx. NZMS 260 T19:329-408 to source
		Otongokaku Stream	whio	From the confluence with the Whanganui River at approx. NZMS 260 T19:319-405 to approx. NZMS 260 T19:321-398
		Waipapaiti Stream	whio	From the confluence with the Whanganui River at approx. NZMS 260 T19:309-401 to approx. NZMS 260 T19:312-395

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Mangatepopo Stream	<u>W</u> hio	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-405 to T19:308-360 approx. NZMS 260 T19:312-323
		<u>Okupata Stream</u>	<u>whio</u>	<u>From the confluence with the Mangatepopo Stream at approx. NZMS 260 S19:288-398 to approx. NZMS 260 S19:264-364</u>
		<u>Tawhitikuri Stream</u>	<u>whio</u>	<u>From the confluence with the Mangatepopo Stream at approx. NZMS 260 T19:309-361 to approx. NZMS 260 T19:311-338</u>
		<u>Waione Stream</u>	<u>whio</u>	<u>From the confluence with the Whanganui River at approx. NZMS 260 S19:276-427 to approx. NZMS 260 S19:245-396</u>
		<u>Waipari Stream</u>	<u>whio</u>	<u>From the confluence with the Whanganui River at approx. NZMS 260 S19:269-456 to approx. NZMS 260 S18:282-516</u>
		<u>Waiionenui Stream</u>	<u>whio</u>	<u>From the confluence with the Waipari Stream at approx. NZMS 260 S19:289-476 to approx. NZMS 260 S19292-478</u>
		<u>Waione Stream</u>	<u>whio</u>	<u>From the confluence with the Waipari Stream at approx. NZMS 260 S19:282-465 to approx. NZMS 260 S19:286-462</u>
Upper Whanganui and Cherry Grove	Upper Whanganui and Cherry Grove (Whai 1 and Whai 2a)	Whanganui River	<u>W</u> hio	From the confluence with the Whakapapa River at approx. NZMS 260 S19:188-4956 to source approx. NZMS 260 T19:334-332
Cherry Grove	Upper and Lower Whakapapa (Whai 2b and Whai 2c)	Whakapapa River and Whakapaiti Stream	<u>W</u> hio	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to approx. S19:237-224 (SH47 Bridge) source
	Upper Whakapapa (Whai 2b)	<u>Waikare Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapaiti Stream at approx. NZMS 260 S19:238-224 to approx. NZMS 260 S19:287-216</u>
		<u>Mangahua Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapaiti Stream at approx. NZMS 260 S19:233-230 to approx. NZMS 260 S19:238-166</u>
		<u>Whakapapanui Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-269 to source</u>

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		<u>Papamanuka Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa River at approx. NZMS 260 S19:233-289 to approx. NZMS 260 S19:254-287</u>
	<u>Lower Whakapapa (Whai 2c)</u>	<u>Otamawairua Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa River at approx. NZMS 260 S19:196-324 to approx. NZMS 260 S19:240-337</u>
	<u>Piopiotea (Whai 2d)</u>	<u>Piopiotea Stream</u>	<u>whio</u>	<u>From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to approx. NZMS 260 S19:183-275</u>
		<u>Tepure Stream</u>	<u>whio</u>	<u>From the confluence with the Piopiotea Stream at approx. NZMS 260 S19:160-328 to approx. NZMS 260 S19:168-316</u>
	<u>Pungapunga (Whai 2e)</u>	<u>Pungapunga River</u>	<u>Wwhio</u>	<u>From approx. NZMS 260 S18:291-612 to source</u>
		<u>Pungapunga River</u>	<u>Kkoaro</u>	<u>From approx. NZMS 260 S18:234-573 to source</u>
	<u>Upper Ongarue (Whai 2f)</u>	<u>Ongarue River and tributaries</u>	<u>Wwhio</u>	<u>From NZMS 260 T17:314-864 to source</u>
		<u>Mangatukutuku Stream</u>	<u>Wwhio</u>	<u>NZMS 260 S18:166-770 to S18:204-729</u>
		<u>Maramataha River</u>	<u>Wwhio</u>	<u>From NZMS 260 S17:176-825 to source</u>
		<u>Piropiro Stream</u>	<u>Wwhio</u>	<u>From the confluence with the Maramataha River at approx. NZMS 260 S17:251-804 to source</u>
		<u>Paupangonui Stream</u>	<u>Wwhio</u>	<u>From the confluence with the Piropiro River at approx. NZMS 260 S17:265-819 to source</u>
	<u>Lower Ongarue (Whai 2g)</u>	<u>Opotiki Stream</u>	<u>Wwhio</u>	<u>From the confluence with the Maramataha River at approx. NZMS 260 S18:271-796 to source</u>
			<u>Wwhio</u>	<u>From the confluence with the Maramataha River at approx. NZMS 260 S18:273-793 to source</u>
<u>Lower Ongarue (Whai 2g)</u>	<u>Opotiki Stream</u>	<u>Sshortjaw Kkokopu</u>	<u>From approx. NZMS 260 S18:022-633 to source</u>	
Te Maire	<u>Te Maire (Whai 3)</u>	<u>Motutara stream</u>	<u>Sshortjaw Kkokopu</u>	<u>From the confluence with Whanganui River at approx. NZMS 260 S19:000-488 to source</u>
Middle Whanganui	<u>Middle Whanganui (Whai 4a)</u>	<u>Whanganui River Tributary</u>	<u>Sshortjaw Kkokopu</u>	<u>From the confluence with the Whanganui River at approx. NZMS 260 S19:939-422 to source</u>
	<u>Retaruke (Whai 4d)</u>	<u>Retaruke River</u>	<u>Wwhio</u>	<u>From the confluence with the Whanganui River from approx. NZMS 260 R19:890-309 to approx. NZMS 260 S19:072-213</u>
		<u>Horomea Stream</u>	<u>Wwhio</u>	<u>From approx. NZMS 260 S19:947-252 to source</u>
		<u>Morinui Stream</u>	<u>Wwhio</u>	<u>From approx. NZMS 260 S19:954-233 to source</u>
Pipiriki	<u>Pipiriki (Whai 5a)</u>	<u>Mangapurua Stream and tributaries</u>	<u>Wwhio</u>	<u>From approx. NZMS 260 R20:800-117 to source</u>
		<u>Mangatiti Stream and tributaries</u>	<u>Wwhio</u>	<u>From approx. NZMS 260 R20:832-079 to source</u>
		<u>Kaiwhakauka Stream</u>	<u>Wwhio</u>	<u>From approx. NZMS 260 R19:878-305 to source</u>

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Puketapu Stream	Rredfin Bbully	From the confluence with the Whanganui River at approx. NZMS 260 R20:737-180 to source
		Whanganui River Tributary	Rredfin Bbully	From the confluence with the Whanganui River at approx. NZMS 260 R20:793-115 to source
		Puawaw Stream	Rredfin Bbully	From the confluence with the Whanganui River at approx. NZMS 260 R20:819-058 to source
		Mangaio Stream and tributaries	Wwhio and Rredfin Bbully	From the confluence with the Whanganui River at approx. NZMS 260 R20:839-955 to source
	Tangarakau (Whai 5b)	Waitaanga Stream Tributary	Rredfin Bbully	From the confluence with the Waitaanga Stream at approx. NZMS 260 R18:710-645 to source
		Heao Stream	Sshortjaw Kkokopu and Kkoaro	From approx. NZMS 260 R18:781-513 to source
		Mangarae Stream	Bbanded Kkokopu	From the confluence with the Mangarae Stream at approx. NZMS 260 R19:732-302 to source
		Mangarae Stream Tributary	Bbanded Kkokopu	From approx. NZMS 260 R19:728-288 to source
	Whangamomona (Whai 5c)	Tirohanga Stream	Sshortjaw Kkokopu	From the confluence with the Whangamomona River at approx. NZMS 260 R20:658-157 to source
		Awahou Stream	Sshortjaw Kkokopu	From the confluence with the Marangae Stream at approx. NZMS 260 R19:587-277 to source
		Kuri Stream	Sshortjaw Kkokopu	From approx. NZMS 260 R20:666-190 to source
	Upper Manganui o te Ao	Mangaturuturu River and tributaries	Bbanded Kkokopu and Wwhio	From the confluence with the Manganui o te Ao at approx. NZMS 260 S20:056-067 to source
		Mangaturuturu River Tributary	Kkoaro	From the confluence with The Mangaturuturu River at approx. NZMS 260 S20:161-083 to source
		Manganui o te Ao River Tributary	Wwhio	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:068-099 to source
		Manganui o te Ao River	Koaro	From approx. NZMS 260 S20:067-085 to source
		Makomiko Stream	Kkoaro	From the confluence with the Waimarino Stream at approx. NZMS 260 S20:153-168 to source
		Makatote River	Kkoaro and Wwhio	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:128-119 to source
	Upper and Middle Manganui o te Ao (Whai 5d and Whai 5g)	Manganui o te Ao River	koaro	From approx. NZMS 260 S20:067-085 to source

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
	Upper Middle and Lower Manganui o te Ao (Whai_5d, Whai_5g and Whai_5i)	Manganui o te Ao River	Whio	From the confluence with the Whanganui River at approx. NZMS 260 R20:861-980 to source
	Makatote (Whai_5e)	Makatote River	koaro and whio	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:128-119 to source
	Waimarino (Whai_5f)	Waimarino Stream	Whio	From the confluence with the Makatote River at approx. NZMS 260 S20:129-120 to the confluence with the Makomiko Stream at approx. NZMS 260 S20:128-119
		Makomiko Stream	koaro	From the confluence with the Waimarino Stream at approx. NZMS 260 S20:153-168 to source
	Middle Manganui o te Ao (Whai_5g)	Manganui o te Ao River Tributary	whio	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:068-099 to source
	Mangaturuturu (Whai_5h)	Mangaturuturu River and tributaries	banded kokopu and whio	From the confluence with the Manganui o te Ao at approx. NZMS 260 S20:056-067 to source
		Mangaturuturu River Tributary	koaro	From the confluence with The Mangaturuturu River at approx. NZMS 260 S20:161-083 to source
	Lower Manganui o te Ao (Whai_5e)	Orautoha	Whio	From the confluence with Manganui o te Ao at approx. NZMS 260 S20:027-067 to source
		Ruatiti Stream	Whio and Shortjaw Kokopu	From the confluence with Manganui o te Ao at approx. NZMS 260 S20:993-080 to source
		Makino Stream Tributary	Shortjaw Kokopu and koaro	From approx. NZMS 260 S20:011-130 to source
		Ohangaia Stream	Redfin Bullly	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:919-021 to source
	Orautoha (Whai_5j)	Orautoha	whio	From the confluence with Manganui o te Ao at approx. NZMS 260 S20:027-067 to source
Paetawa	Paetawa (Whai_6)	Kaukore Stream	Shortjaw Kokopu , Redfin Bullly, koaro	From the confluence with the Whanganui River at approx. NZMS 260 R21:859-894 to source
		Whanganui River	Redfin Bullly	From approx. NZMS 260 R21:861-858 to approx. NZMS 260 R21:861-892
		Riripo Stream	Redfin Bullly	From the confluence with the Whanganui River at approx. NZMS 260 S21:915-777 to source
		Otuporiki Stream	Redfin Bullly	From the confluence with the Whanganui River at approx. NZMS 260 S21:950-696 to source
		Taupiri Stream	Redfin Bullly	From the confluence with the Whanganui River at approx. NZMS 260 S21:942-624 to source

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

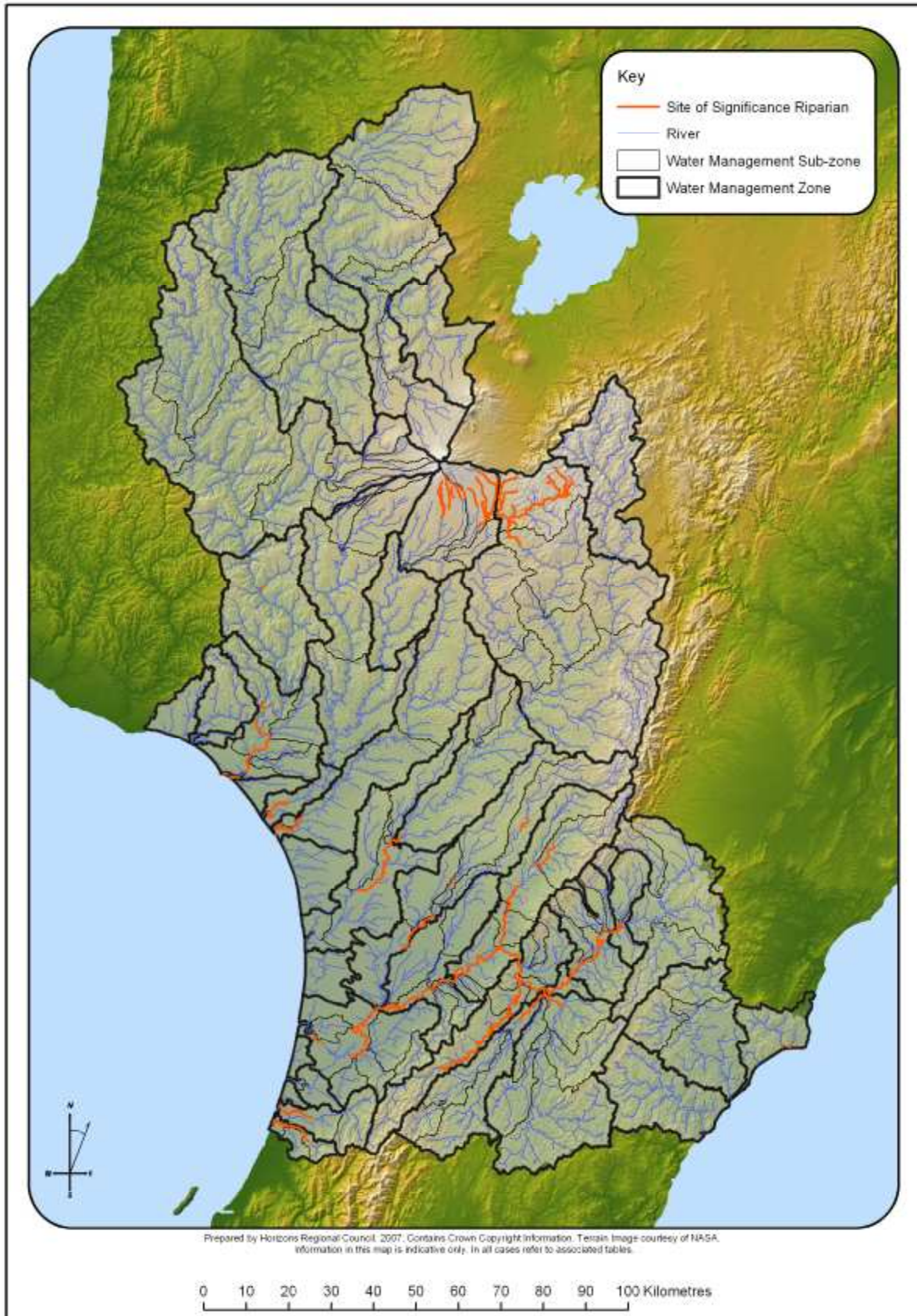
Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Whauteihi Stream	Bluegill Bully	From the confluence with Whanganui river at approx. NZMS 260 S22:959-577 to source
Lower Whanganui	Lower Whanganui (Whai_7a)	Kauarapaoa Stream	Redfin Bully	From approx. NZMS 260 S22:900-558 to source
	Upokongaro (Whai_7c)	Mongotai stream	Lamprey	From the confluence with the Upokongaro Stream at approx. NZMS 260 S22:958-511 to source
Upper Whangaehu	Upper Whangaehu (Whau_1a)	Unnamed tributary of the Whangaehu River	Whio	From approx. NZMS 260 T20:410-019 to source
		Makahikatoa Stream and tributaries	Whio	From approx. NZMS 260 T20:396-008 to source
		Wahianoa Stream	Whio	From approx. NZMS 260 T20:365-039 to source
	Tokiahuru (Whau_1c)	Unnamed tributary of the Tokiahuru stream	Whio	From approx. NZMS 260 T20:341-027 to source
		Unnamed tributary of the Ununuakapuataeariki stream	Whio	From approx. NZMS 260 T20:329-989 to source
		Ununuakapuataeariki stream and tributaries	Whio	From approx. NZMS 260 T20:312-960 to source
Lower Whangaehu	Lower Whangaehu (Whau_3a)	Taukoro Stream	Koaro	From the confluence with the Mangawhero River at approx. NZMS 260 S22:083-566 to source
	Upper Mangawhero (Whau_3d)	Mangawhero River	Whio	From approx. NZMS 260 S20:179-978 (Ohakune) to source
		Taonui Stream	Whio	From approx. NZMS 260 S20:135-009 to approx. NZMS 260 S20:160-021
Lower Mangawhero (Whau_3e)	Mangawhero River	Whio	From approx. NZMS 260 S21:067-875 to approx. NZMS 260 S20:080-903	
Turakina	Upper Turakina (Tura_1a)	Turakina River Tributary	Redfin Bully	From the confluence with the Turakina River at approx. NZMS 260 S22:090-361 to approx. NZMS 260 S22:104-350
Ohau	Upper Ohau (Ohau_1a)	Waiti Stream	Redfin Bully	From the confluence with the Ohau River at approx. NZMS 260 S25:118-604 to source
	Upper and Lower Ohau (Ohau_1a and Ohau_1b)	Ohau River	Redfin Bully, Bluegill Bully and Banded Kokopu	From approx. NZMS 260 S25:061-575 to approx. NZMS 260 S25:098-588
		Ohau River	Redfin Bully	From approx. NZMS 260 S25:982-578 to approx. NZMS 260 S25:039-574
Lower Ohau (Ohau_1b)	Makorokio Stream	Redfin Bully, Lamprey and Shortjaw Kokopu	From the confluence with the Ohau River at approx. NZMS 260 S25:018-563 to source	
Owahanga	Owahanga (Owha_1)	Owahanga River	Redfin Bully	From approx. NZMS 260 U25:902-585 to approx. NZMS 260 U25:889-568
		Pongaroa River	Redfin Bully and Shortjaw Kokopu	From approx. NZMS 260 U24:778-708 to source
East Coast	East Coast (East_1)	Waimata River	Redfin Bully	From River Mouth CMA boundary at approx. NZMS 260 U25:058-691 to approx. NZMS 260 U24:051-710

Table Ba.12: Sites of Significance - Aquatic (SoS-A) in the Region

Management Zone	Sub-zone	Site	Species	Map Ref Locality Description
		Papuka Stream	R redfin B ully	From River Mouth CMA boundary at approx. NZMS 260 U24:076-705 to approx. NZMS 260 U24:072-723
		Wainui River	R redfin B ully	From approx. NZMS 260 V24:112-752 to approx. NZMS 260 V24:102-771
Akitio	Upper Akitio (Akit_1a)	Akitio River Tributary	B banded K kokopu	From the confluence with the Akitio River at approx. NZMS 260 U24:955-866 to source
	Lower Akitio (Akit_1b)	Middle Creek	R redfin B ully and B banded K kokopu	From the confluence with the Akitio River at approx. NZMS 260 U25:986-654 to source
		Wakawaihine Stream	R redfin B ully	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to approx. NZMS 260 U25:990-677
		Wakawaihine Stream Tributary	R redfin B ully	From approx. NZMS 260 U25:998-696 to source
Northern Coastal	Northern Coastal (West_1)	Okehu Stream	R redfin B ully	From approx. NZMS 260 R22:713-495 to approx. NZMS 260 R22:731-531
Mowhanau	Mowhanau (West_3)	Mowhanau Stream	R redfin B ully	From the River Mouth cross-river CMA boundary at approx. NZMS 260 R22:726-448 From at approx. to approx. NZMS 260 R22:743-462
Southern Whanganui Lakes	Southern Whanganui Lakes (West_5)	Unnamed Stream Santoft Forest	B banded K kokopu	From River Mouth CMA boundary at approx. NZMS 260 S23:954-173 to Lake Koitiata at approx. NZMS 260 S23:973-185
		Waimahora Stream	B banded K kokopu	From River Mouth CMA boundary at approx. NZMS 260 S23:961-153 to approx. NZMS 260 S23:989-154
Northern Manawatu Lakes	Northern Manawatu Lakes (West_6)	Kaikokopu Stream	R redfin B ully	From River Mouth CMA boundary at approx. NZMS 260 S24:992-905 to approx. NZMS 260 S24:009-902
Lake Papaitonga	Lake Papaitonga (West_8)	Lake Papaitonga	B rown M mudfish	Lake Papaitonga Wetland at approx. NZMS 260 S25:991-600
		Lake Papaitonga and Tributaries	B banded K kokopu	From the confluence with Lake Papaitonga and Waiwiri stream at approx. NZMS 260 S25:977-600 to source
Waikawa	Waikawa (West_9)	Panatewaewae Stream	K koaro	From the confluence with the Waikawa Stream at approx. NZMS 260 S25:017-498 to source
		Waikawa Stream	S hortjaw K kokopu and R redfin B ully	Waikawa Stream Mainstem from Mouth the cross-river CMA boundary at approx. NZMS 260 S25:929-595 to source
Lake Horowhenua	Lake Horowhenua (Hoki_1a)	Patiki Stream	G iant K kokopu	From the confluence with Lake Horowhenua at approx. NZMS 260 S25:019-642 to source



Sites of Significance - Riparian (SoS-R) Value



Map D:12 Ba:13 Visual guide to the distribution of the Riparian Sites of Significance - Riparian (SoS-R) Value in *water bodies** across the Manawatu-Wanganui Region.

Table D-6: Riparian Sites of Significance in the Manawatu-Wanganui Region

Table Ba.13: Sites of Significance - Riparian (SoS-R) in the Region				
Management Zone	Sub-zone	River [^]	Locality Description	Riparian Habitat Value
Manawatu Weber-to - Tamaki	Weber-Tamaki (Mana 2a)	Manawatu River	From approx. NZMS 260 U23:708-003 To approx. NZMS 260 U23: 737-025 (confluence with Mangatera Stream)	Gravel and Sand (Dotterel)
Manawatu Tamaki-to - Hopelands	Tamaki-Hopelands (Mana 5a)	Manawatu River	From approx. NZMS 260 T24:614-897 To approx. NZMS 260 U23:708-003	Gravel and Sand (Dotterel)
Hopelands-to - Tiraumea	Hopelands-Tiraumea (Mana 6)	Manawatu River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871 to approx. NZMS 260 T24:614-897	Gravel and Sand (Dotterel)
Tiraumea	Lower Tiraumea (Mana 7b)	Tiraumea River	From the confluence with the Manawatu River at approx. NZMS 260 T24:553-871 to the confluence with the Makairo Stream at approx. NZMS 260 T24:597-831	Gravel and Sand (Dotterel)
Mangatainoka	Lower Mangatainoka (Mana 8c)	Mangatainoka River	From the confluence with the Tiraumea River at approx. NZMS 260 T24:557-856 to approx. NZMS 260 T24:495-786.	Gravel and Sand (Dotterel)
Upper Gorge	Upper Gorge (Mana 9a)	Mangahao River	From the Manawatu Gorge at approx. NZMS 260 T24:495-938 to the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871	Gravel and Sand (Dotterel)
	Upper Mangahao (Mana 9d)	Mangahao River	From approx. NZMS 260 T24:469-826 to approx. NZMS 260 T25:309-684	Gravel and Sand (Dotterel)
	Lower Mangahao (Mana 9e)	Mangahao River	From the confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to approx. NZMS 260 T24:469-826	Gravel and Sand (Dotterel)
Middle Manawatu	Middle Manawatu (Mana 10a)	Manawatu River	From Teachers College at approx. NZMS 260 T24:332-891 to the Manawatu Gorge at approx. NZMS 260 T24:495-938	Gravel and Sand (Dotterel)
	Upper Pohangina (Mana 10b)	Pohangina River	From approx. NZMS 260 T23:534-168 to approx. NZMS 260 T23:577-213	Gravel and Sand (Dotterel)
	Middle Pohangina (Mana 10c)	Pohangina River	From approx. NZMS 260 T23:464-043 to approx. NZMS 260 T23:493-113	Gravel and Sand (Dotterel)
	Lower Pohangina (Mana 10d)	Pohangina River	From the confluence with the Manawatu River at approx. NZMS 260 T24:448-965 to approx. NZMS 260 T23:464-043	Gravel and Sand (Dotterel)
Lower Manawatu	Lower Manawatu (Mana 11a)	Manawatu River	From the confluence with the Oroua River at approx. NZMS 260 S24:164-825 to Teachers College at approx. NZMS 260 T24:332-891	Gravel and Sand (Dotterel)
Oroua	Upper Oroua (Mana 12a)	Oroua River	From approx. NZMS 260 T23:500-242 to approx. NZMS 260 T23:519-267	Gravel and Sand (Dotterel)
	Middle Oroua (Mana 12b)	Oroua River	From approx. 200m upstream of SH3 bridge at approx. NZMS 260 S23:243-005 to SH54 bridge at approx. NZMS 260 S23:293-044	Gravel and Sand (Dotterel)

Table Ba.13: Sites of Significance - Riparian (SoS-R) in the Region

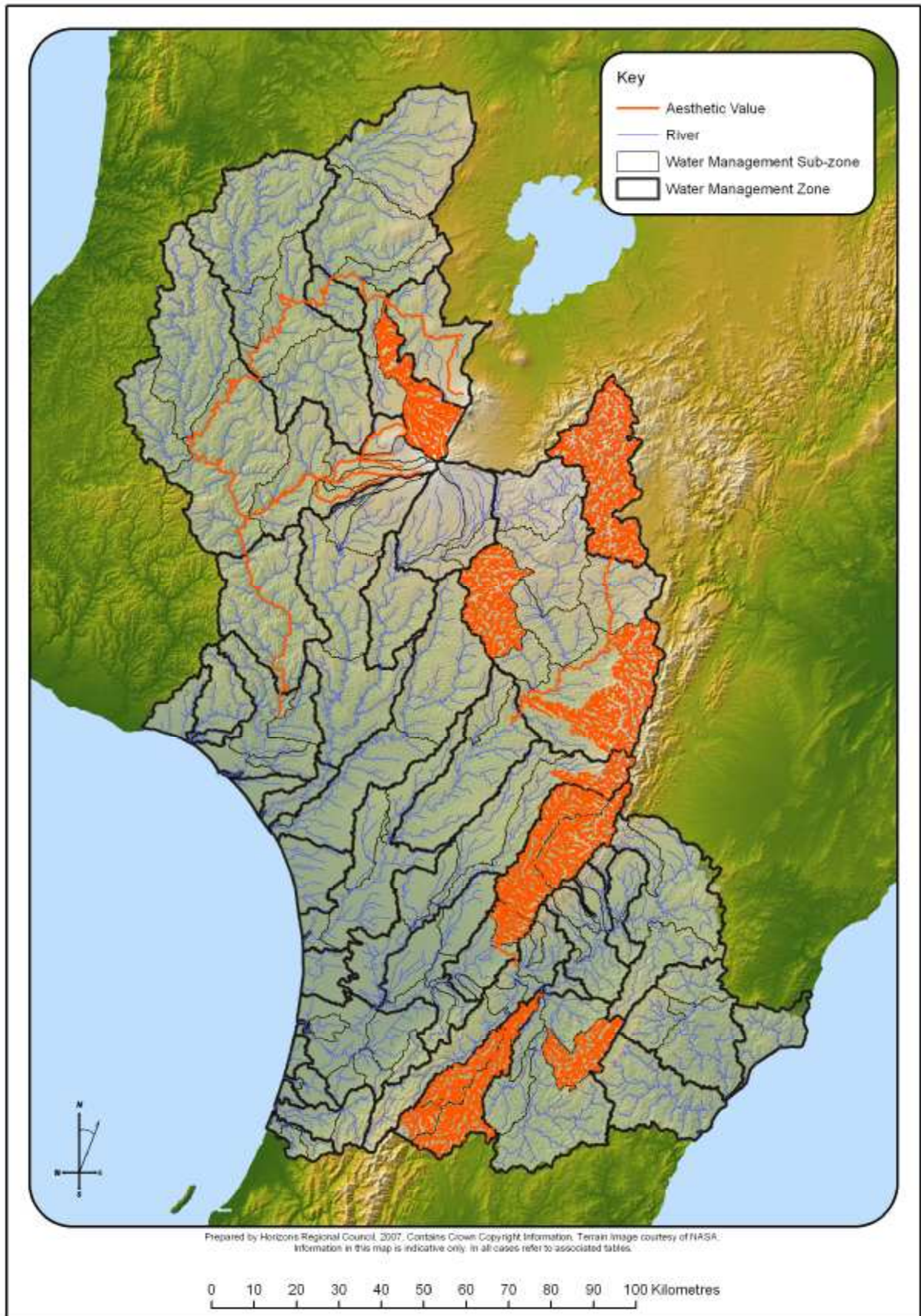
Management Zone	Sub-zone	River [^]	Locality Description	Riparian Habitat Value
	Lower Oroua (Mana 12c)	Oroua River	From approx. 300m upstream of Kopane Bridge at approx. NZMS 260 S24:218-965 to approx. 200m upstream of SH3 bridge at approx. NZMS 260 S23:243-005	Gravel and Sand (Dotterel)
	Kiwitea (Mana 12d)	Kiwitea Stream	From approx. NZMS 260 T23:332-116 to approx. NZMS 260 T23:339-127	Gravel and Sand (Dotterel)
Coastal Manawatu	Coastal Manawatu (Mana 13a)	Manawatu River	From the River Mouth cross-river CMA boundary at approx. NZMS 260 S24:977-787 S24:009-766 to approx. 100_m downstream of the SH1 bridge at approx. NZMS 260 S24:027-744	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
			From approx. NZMS 260 S24:101-715 to the confluence with the Oroua River at approx. NZMS 260 S24:164-825	Gravel and Sand (Dotterel)
Middle Rangitikei	Upper Moawhango (Rang 2c)	Moawhango River and tributaries	From approx. NZMS 260 T20:468-948 to source	Gravel and Sand (Dotterel)
	Middle Moawhango (Rang 2d)	Moawhango River	From approx. NZMS 260 T20:495-916 to approx. NZMS 260 T20:468-948	Gravel and Sand (Dotterel)
Lower Rangitikei	Lower Rangitikei (Rang 3a)	Rangitikei River	From approx. NZMS 260 S23:200-221 to approx. NZMS 260 S23:217-231	Gravel and Sand (Dotterel)
Coastal Rangitikei	Coastal Rangitikei (Rang 4a)	Rangitikei River	From approx. NZMS 260 S23:111-104 to approx. NZMS 260 S23:200-221	Gravel and Sand (Dotterel)
	Tidal Rangitikei	Rangitikei River and Estuary	From the river mouth at approx. NZMS 260 S24:990-983 to approx. S23:010-001	Gravel and Sand (Dotterel)
Paetawa	Paetawa (Whai 6)	Mangoihe Stream	From the confluence with the Whanganui River at approx. NZMS 260 R21:889-813 to approx. 1km upstream of Jerusalem at approx. NZMS 260 R21:894-818	Nankeen Night Heron roosts
Lower Whanganui	Lower Whanganui	Whanganui River	From the confluence of the Whanganui River and the Kaurapaoa Stream at approx. NZMS 260 R22:886-537 to 1km upstream at approx. NZMS 260 R22:897-532	Nankeen Night Heron roosts
		Kaurapaoa Stream	From the confluence of the Whanganui River and the Kaurapaoa Stream at approx. NZMS 260 R22:886-537 to 1km upstream at approx. NZMS 260 R22:891-544	Nankeen Night Heron roosts
		Whanganui River	From approx. NZMS 260 R22:861-422 to approx. NZMS 260 R26:878-505 (near Kaiwhaiki)	Mud/Silt habitat and estuarine roosts (Waders)
	Coastal Whanganui (Whai 7b)	Whanganui River and Estuary	From the River Mouth cross-river CMA boundary at approx. NZMS 260 R22:799-398 R22:848-380 to SH3 Bridge at approx. NZMS 260 R22:861-422	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
Upper Whangaehu	Upper Whangaehu (Whau 1a)	Whangaehu River and tributaries	Upstream From approx. NZMS 260 T20:397-960 to source	Gravel and Sand (Dotterel)
		Makahikatoa Stream and tributaries	Upstream From approx. NZMS 260 T20:396-008 to source	Gravel and Sand (Dotterel)
		Wahianoa Stream	Upstream From approx. NZMS 260 T20:370-024 to source	Gravel and Sand (Dotterel)
	Tokiahuru (Whau 1c)	Unnamed tributary of the Tokiahuru Stream	Upstream From approx. NZMS 260 T20:359-022 to source	Gravel and Sand (Dotterel)

Table Ba.13: Sites of Significance - Riparian (SoS-R) in the Region

Management Zone	Sub-zone	River [^] Stream	Locality Description	Riparian Habitat Value
		Unnamed tributary of the Tokiahuru Stream	Upstream from approx. NZMS 260 T20:341-027 to source	Gravel and Sand (Dotterel)
		Unnamed tributary of the Te Unuunuakapuataeariki Stream	Upstream from approx. NZMS 260 T20:329-999 to source	Gravel and Sand (Dotterel)
		Te Unuunuakapuataeariki Stream and tributaries	Upstream from approx. NZMS 260 T20:311-980 to source	Gravel and Sand (Dotterel)
Coastal Whangaehu	Coastal Whangaehu (Whau_4)	Whangaehu River	From the River mouth cross-river CMA boundary at approx. NZMS 260 R23:890-274 S23:903-287 to the SH3 Bridge at approx. NZMS 260 S23:949-311	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
Turakina	Lower Turakina (Tura_1b)	Turakina River	From the River Mouth cross-river CMA boundary at approx. NZMS 260 S23:921-234 S23:921-254 to the SH3 Bridge at approx. NZMS 260 S23:985-279	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
Ohau	Lower Ohau (Ohau_1b)	Ohau River	From the River Mouth cross-river CMA boundary at approx. NZMS 260 S25:922-582 S25:929-595 to approx. NZMS 260 S25:007-569	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)
East Coast	East Coast (East_1)	Wainui River	From the cross-river CMA boundary at approx. NZMS 260 V24:117-727 V24:115-735 to approx. NZMS 260 V24:113-738	Mud/Silt habitat and estuarine roosts (Waders)
		Tuatane Stream	From approx. NZMS260 V24:132-730 to approx. NZMS 260 V24:136-737	Mud/Silt habitat and estuarine roosts (Waders)
Waikawa	Waikawa (West_9a)	Waikawa Stream	From the cross-river CMA boundary at approx. NZMS 260 S25:910-551 (river mouth) S25:915-554 to approx. NZMS 260 S25:000-511	Gravel and Sand (Dotterel) Mud/Silt habitat and estuarine roosts (Waders)



Aesthetic (Ae) Value



Map D-18 Ba:14 Visual guide to the distribution of the Aesthetics (Ae) Value in water bodies* across the Manawatu-Wanganui Region.

Table D.12: Aesthetics Value in the Manawatu-Wanganui Region

Table Ba.14: Aesthetics Value in the Region				
Management Zone	Sub-zone	River/Stream Name	Locality Description	Characteristics/Values
Tiraumea	Makuri (<u>Mana 7d</u>)	Makuri River and Tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:569-771 to source	<ul style="list-style-type: none"> Recreational ψValues, ψVisual and scenic characteristics - particularly its deeply entrenched gorge downstream of Makuri township and the adjacent ψScenic Reserve, Ecological significance – particularly as a fisheries and wildlife habitats and fisheries Recognised protection – Local Water Conservation Notice
Mangatainoka	Upper, Middle and Lower Mangatainoka, and Makakahi and Mangaramama (<u>Mana 8a, Mana 8b, Mana 8c and Mana 8d</u>)	Mangatainoka River and Tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:558-856 to source	<ul style="list-style-type: none"> Recreational ψValues – particularly as an important trout fishery, and Recognised protection – Local Water Conservation Notice
Upper Gorge, Middle Manawatu	Upper Gorge and Middle Manawatu (<u>Mana 9a and Mana 10a</u>)	Manawatu River	From the confluence with the Pohangina River at approx. NZMS 260 T24:449-966 to the Ballance ψ Bridge at approx. <u>NZMS 260 T24:494-926</u>	<ul style="list-style-type: none"> Visual and scenic characteristics Geological feature – provided by being the only river in New Zealand to drain both east and west of the main divide-
Middle Manawatu	Upper, Middle and Lower Pohangina (<u>Mana 10a, Mana 10b and Mana 10c</u>)	Pohangina River and Tributaries	From the confluence with the Manawatu River at approx. NZMS 260 T24:449-966 to source	<ul style="list-style-type: none"> Visual and scenic characteristics – particularly the river and valley landscape-
Oroua	Upper Oroua River (<u>Mana 12a</u>)	Oroua River and Tributaries	From the confluence with the Mangaoira Stream at approx. NZMS 260 T22:577-379 to source	<ul style="list-style-type: none"> Visual and scenic characteristics – particularly its riparian margins, Recreational ψValues
Upper Rangitikei	Upper Rangitikei (<u>Rang 1</u>)	Rangitikei River and Tributaries	From the confluence with the Makahikatoa Stream at approx. NZMS 260 U24:725-888 to source	<ul style="list-style-type: none"> Recreational ψValues, Ecological significance – ψwildlife habitat and fisheries,
Middle Rangitikei	Pukeokahu – Mangaweka (<u>Rang 2b</u>)	Whakaurekou River and Tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 U21:712-691 to source	<ul style="list-style-type: none"> Visual and scenic characteristics particularly its gorges, terrace formations and high bluffs and Recognised protection – National Water Conservation (Rangitikei River) Order 1993
		Kawhatau River and Tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 T22:504-551 to source	

Table Ba.14: Aesthetics Value in the Region

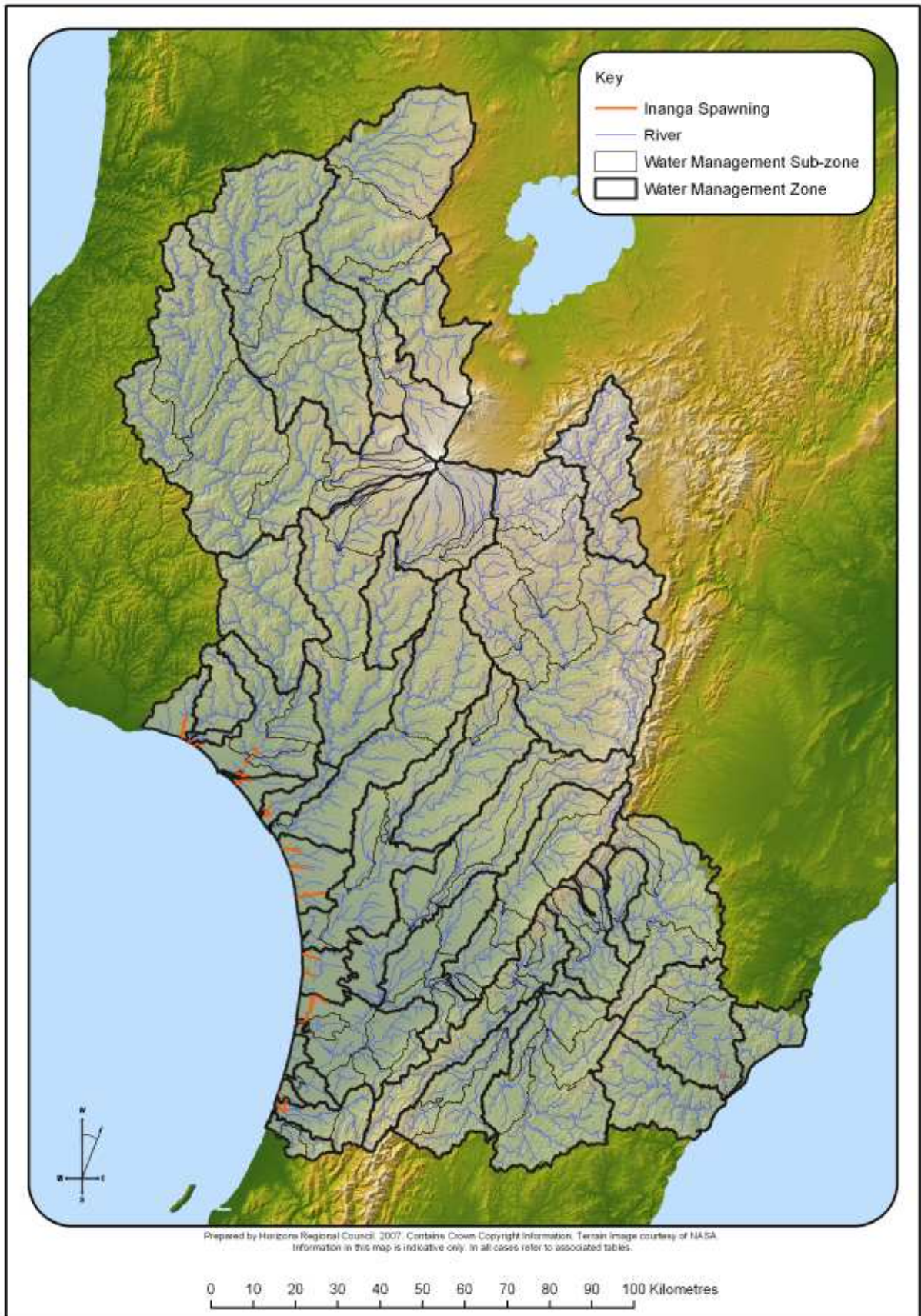
Management Zone	Sub-zone	River/Stream Name	Locality Description	Characteristics/Values
	Upper Hautapu (Rang 2f)	Hautapu River and Tributaries	From the confluence with the Oraukura Stream at approx. NZMS 260 T21:510-670 to source	<ul style="list-style-type: none"> Recreational values - particularly as a brown trout fishery; Visual and scenic characteristics particularly the deeply entrenched river and steep gorge and; Recognised protection – Local Water Conservation Notice
Middle and Lower Rangitikei	Middle Rangitikei, Pukeokahu – Mangaweka and Lower Rangitikei (Rang 2a, Rang 2b and Rang 3)	Rangitikei River	From the Mangarere Bridge at approx. NZMS 260 T22:483-496 to the confluence with the Makahikatoa Stream at approx. NZMS 260 U24:725-888	<ul style="list-style-type: none"> Recreational values; Ecological significance – Wildlife habitat and fisheries; Visual and scenic characteristics, particularly its gorges, terrace formations and high bluffs and Recognised protection – National Water Conservation (Rangitikei River) Order 1993.
Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki, Paetawa and Lower Whanganui	Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki, Paetawa and Lower Whanganui (Whai 1, Whai 2a, Whai 3, Whai 4a, Whai 5a, Whai 6 and Whai 7a)	Whanganui River	The Whanganui River and catchment upstream of Aramoana at approx. NZMS 260 S22:933-510 to source	<ul style="list-style-type: none"> Visual and scenic characteristics – particularly the gorge landscapes and papa rock formations-
Cherry Grove	Upper and Lower Whakapapa Catchment (Whai 2b and Whai 2c)	Whakapapa River and the mainstems of its tributaries the Whakapapaiti and Whakapapanui Streams	From confluence with the Whanganui River at approx. NZMS 260 S19:189-496 to source.	<ul style="list-style-type: none"> Visual and scenic characteristics and Recreational Values and Ecological significance – particularly in providing a habitat for blue duck (whio).
Pipiriki	Upper Manganui o te Ao (Whai 5d)	Makatote River	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:128-120 to source	<ul style="list-style-type: none"> Visual and scenic characteristics – particularly its river gorges and riparian margins; and outstanding wild and scenic characteristics Ecological significance – providing a habitat for the blue duck (whio); and wildlife and fisheries Recognised protection – National Water Conservation Order
		Waimarino Stream	From the confluence with the Makatote River at approx. NZMS 260 S20:129-120 to source	
		Mangaturuturu River	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:057-067 to source	
	Lower Manganui o te Ao (Whai 5c)	Orautoha Stream	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:026-067 to source	
	Upper Middle and Lower Manganui o te Ao (Whai 5d, Whai 5g and Whai 5i)	Manganui o te Ao River	From the confluence with the Whanganui River at approx. NZMS 260 R20:861-979 to source	

Table Ba.14: Aesthetics Value in the Region

Management Zone	Sub-zone	River/Stream Name	Locality Description	Characteristics/Values
	<u>Makatote</u> (Whai 5e)	<u>Makatote River</u>	<u>From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:128-120 to source</u>	
	<u>Waimarino</u> (Whai 5f)	<u>Waimarino Stream</u>	<u>From the confluence with the Makatote River at approx. NZMS 260 S20:129-120 to source</u>	
	<u>Mangaturuturu</u> (Whai 5h)	<u>Mangaturuturu River</u>	<u>From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:057-067 to source</u>	
	<u>Orautoha</u> (Whai 5j)	<u>Orautoha Stream</u>	<u>From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:026-067 to source</u>	



Inanga Spawning (IS) Value



Map D-13 Ba:15 Visual guide to the distribution of the Native Fish Inanga Spawning (IS) Value in water bodies across the Manawatu-Wanganui Region.

Table D.7: Native Fish Spawning Value in the Manawatu-Wanganui Region

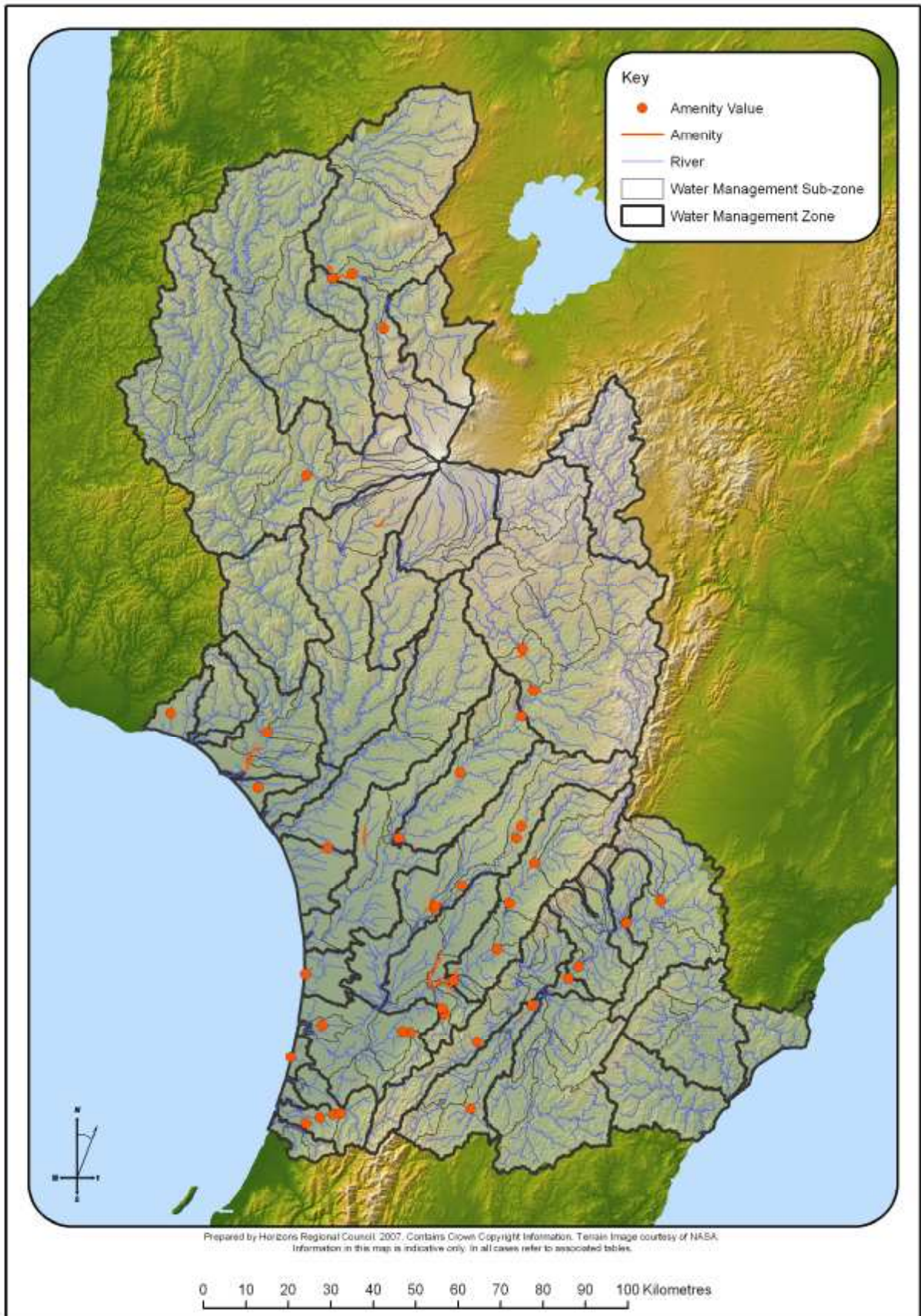
Table Ba.15: Inanga Spawning Value in the Region			
Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Coastal Manawatu	Coastal Manawatu (<u>Mana 13a</u>)	Manawatu River	From the river mouth cross-river CMA boundary at approx. NZMS 260 S24:009-766 to a point 100 metres upstream of the cross-river CMA boundary located at the seaward edge of Foxton Loop at approx. NZMS 260 S24:010-765
		Whitebait Creek	From confluence with the Manawatu River from at approx. NZMS 260 S24:982-791 to S source
Coastal Rangitikei	Tidal Rangitikei (<u>Mana 13b</u>)	Rangitikei River	From the river mouth cross-river CMA boundary at approx. NZMS 260 S23:009-001 to a point 100 metres upstream of the cross-river CMA boundary located at the seaward edge of the boat ramp on the true left bank of the river located at approx. NZMS 260 S24:009-000
Lower Whanganui	Lower Whanganui (<u>Whai 7a</u>)	Mateongaonga Stream	From confluence with the Whanganui River at approx. NZMS 260 R22:873-434 to Kaimatira Road at approx. NZMS 260 R22:889-422
	Coastal Whanganui (<u>Whai 7b</u>)	Whanganui River	From the cross-river CMA boundary at approx. NZMS 260 mouth R22:848-380 to a point approx. 100 metres upstream of the CMA boundary located at the seaward edge of the Cobham Street Bridge at approx. NZMS 260 R22:848-381
		Stream opposite Corliss Island	From the confluence with the Whanganui River at approx. NZMS 260 R22:836-374 to State Highway 3 SH3 at approx. NZMS 260 R22:862-370
		Omapu Stream	From the stream mouth CMA boundary to a point 1km upstream at approx. NZMS 260 R22: 750-441
	Matarawa (<u>Whai 7d</u>)	Matarawa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:858-398 to Ikitara Street Road at approx. NZMS 260 R22:869-409
Coastal Whangaehu	Coastal Whangaehu (<u>Whau 4</u>)	Whangaehu River	From the river mouth cross-river CMA boundary at approx. NZMS 260 S23:903-287 to approx. NZMS 260 S22:915-300
Turakina	Lower Turakina	Turakina River	From the river mouth to a point located at the continuation of the fence line at approx. NZMS 260 S23:918-246
Ohau	Lower Ohau (<u>Ohau 1b</u>)	Ohau River	From the river mouth cross-river CMA boundary at approx. NZMS 260 S25:929-595 to a point 5 km upstream at NZMS 260 S25:948-579
		Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha Outlet at approx. NZMS 260 S25:954-605

Table Ba.15: Inanga Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Akitio	Lower Akitio (Akit 1b)	Akitio River	From the river mouth cross-river CMA boundary at approx. NZMS 260 U25:996-618 to a point 100 metres upstream of the cross-river CMA boundary located at the seaward edge of the bridge that crosses the river at NZMS 260 U25:996-619
		Whakawaihine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to a point approx. two kilometres 2 km upstream at approx. NZMS 260 U25:989-670
Northern Coastal	Northern Coastal (West 1)	Okehu Stream	From the stream mouth CMA boundary to intersection with SH3 at approx. NZMS 260 R22:717-510
Kai Iwi Kai Iwi	Kai Iwi Kai Iwi (West 2)	Kai Iwi Kai Iwi Stream	From the stream mouth to 100 metres upstream of the cross-river CMA boundary located at the seaward edge of the bridge that crosses the stream at NZMS 260 R22:721-452 R22:722-450 to approx. NZMS 260 R22:721-519
Mowhanau	Mowhanau (West 3)	Mowhanau Stream	From the stream mouth cross-river CMA boundary at approx. NZMS 260 R22:726-448 to Rapanui Road at approx. NZMS 260 R22: 731-452
Kaitoke Lakes	Kaitoke Lakes (West 4)	Kaitoke Stream	From the stream mouth CMA boundary to Kaitoke Lake at NZMS 260: R22:869-358
Southern Whanganui Lakes	Southern Whanganui Lakes (West 5)	Koitiata Stream	From the stream mouth CMA boundary to a point 5 km upstream at approx. NZMS 260 S23:987-191
		Waimahora Stream	From the stream mouth CMA boundary to intersection with Santoft Rd at approx. NZMS 260 S23:001-154
		Raumi Range Stream	From the stream mouth to source
Northern Manawatu Lakes	Northern Manawatu Lakes (West 6)	Kaikokopu Stream	From the stream mouth CMA boundary to Lake Kaikokopu at NZMS 260 S24:019-899
		4 Mile Creek	From the stream mouth CMA boundary to Lake Pukepuke at NZMS 260 S24:024-937
Lake Papiatonga	Lake Papiatonga (West 8)	Waiwiri Stream	No location defined, assume from From the stream mouth CMA boundary to a point 500_m upstream at NZMS 260 S25:939-618
Lake Horowhenua	Hokio (Hoki 1b)	Hokio Stream	From the stream mouth cross-river CMA boundary at approx. NZMS 260 S25:949-657 to 100 metres upstream of the CMA boundary located at the seaward edge of the bridge that crosses the stream at NZMS 260 S25:950-659



Amenity (AM) Value



Map D:13 Ba:16 Visual guide to the distribution of the Amenity (AM) Value in *water bodies** across the Manawatu-Wanganui Region.

Table D-8: Amenity Value in the Manawatu-Wanganui Region

Table Ba.16: Amenity Value in the Region			
Management Zone	Sub-zone	Site	Locality Description
Upper Manawatu	Upper Manawatu (<u>Mana 1a</u>)	Manawatu River at Maunga Road	At approx. NZMS 260 U23:830-079
		Manawatu River at Weber Road	At approx. NZMS 260 U23:749-026
Hopelands-Tiraumea	Hopelands-Tiraumea (<u>Mana 6</u>)	Manawatu River at Kumeroa (Little Road)	At approx. NZMS 260 T24:636-923
		Manawatu River at Hopelands Domain (River Road)	At approx. NZMS 260 T24:613-895
Mangatainoka	Lower Mangatainoka (<u>Mana 8c</u>)	Mangatainoka River	From approx. NZMS 260 T24:503-806 to approx. NZMS 260 T24:500-802
		Mangatainoka River at SH2 Reserve	At approx. NZMS 260 T24:528-832
	Makakahi (<u>Mana 8d</u>)	Makakahi River at Bridge Street Eketahuna	At approx. NZMS 260 T25:383-588
Upper Gorge	Upper Mangahao (<u>Mana 9d</u>)	Mangahao River at Marima Domain	At approx. NZMS 260 T24:398-745
Middle Manawatu	Middle Manawatu (<u>Mana 10a</u>)	Manawatu River at Ashhurst Domain	At approx. NZMS 260 T24:445-964
		Manawatu at Albert Street	At approx. NZMS 260 T24:342-891
	Middle Pohangina (<u>Mana 10c</u>)	Pohangina River at Totara Reserve	At approx. NZMS 260 T23:533-168
		Pohangina River at Raumai Reserve	At approx. NZMS 260 T23:474-072
Middle and Lower Manawatu	Middle and Lower Manawatu (<u>Mana 10a and Mana 11a</u>)	Manawatu River	From approx. NZMS 260 S24:291-872 to approx. NZMS 260 T24:353-919
Lower Manawatu	Turitea (<u>Mana 11b</u>)	Turitea Stream	From approx. NZMS 260 T24:316-882 to approx. NZMS 260 T24:334-869
	Kahuterawa (<u>Mana 11c</u>)	Kahuterawa Stream at Reserve	At approx. NZMS 260 T24:322-810
		Kahuterawa Stream at Camp Kilsby	At approx. NZMS 260 T24:316-824
	Lower Mangaone (<u>Mana 11e</u>)	Mangaone Stream	From approx. NZMS 260 S24:286-877 to approx. NZMS 260 T24:313-954
Oroua	Upper Oroua (<u>Mana 12a</u>)	Oroua River at Londons Ford	At approx. NZMS 260 T23:502-254
		Oroua River at Bartletts Ford	At approx. NZMS 260 T23:490-226
		Oroua River at Almadale	At approx. NZMS 260 T23:362-113
	Middle Oroua (<u>Mana 12b</u>)	Oroua River at Timona Park	At approx. NZMS 260 S23:299-064
		Oroua River	From approx. NZMS 260 S24:293-043 to the confluence with the Kiwitea Stream at approx. NZMS 260 T23:308-066
	Kiwitea (<u>Mana 12d</u>)	Kiwitea Stream	From the confluence with the Oroua River at approx. NZMS 260 T23:308-066 to approx. NZMS 260 T23:311-075
Makino (<u>Mana 12e</u>)	Makino Stream	From approx. NZMS 260 S23:276-053 to the intersection with Roots Street at approx. NZMS 260 S23:289-082	
Coastal Manawatu	Coastal Manawatu	Foxton Beach	At approx. NZMS 260 S24:978-806
	Lower Tokomaru	Tokomaru River at Horseshoe Bend	At approx. NZMS 260 S24:241-768

Table Ba.16: Amenity Value in the Region

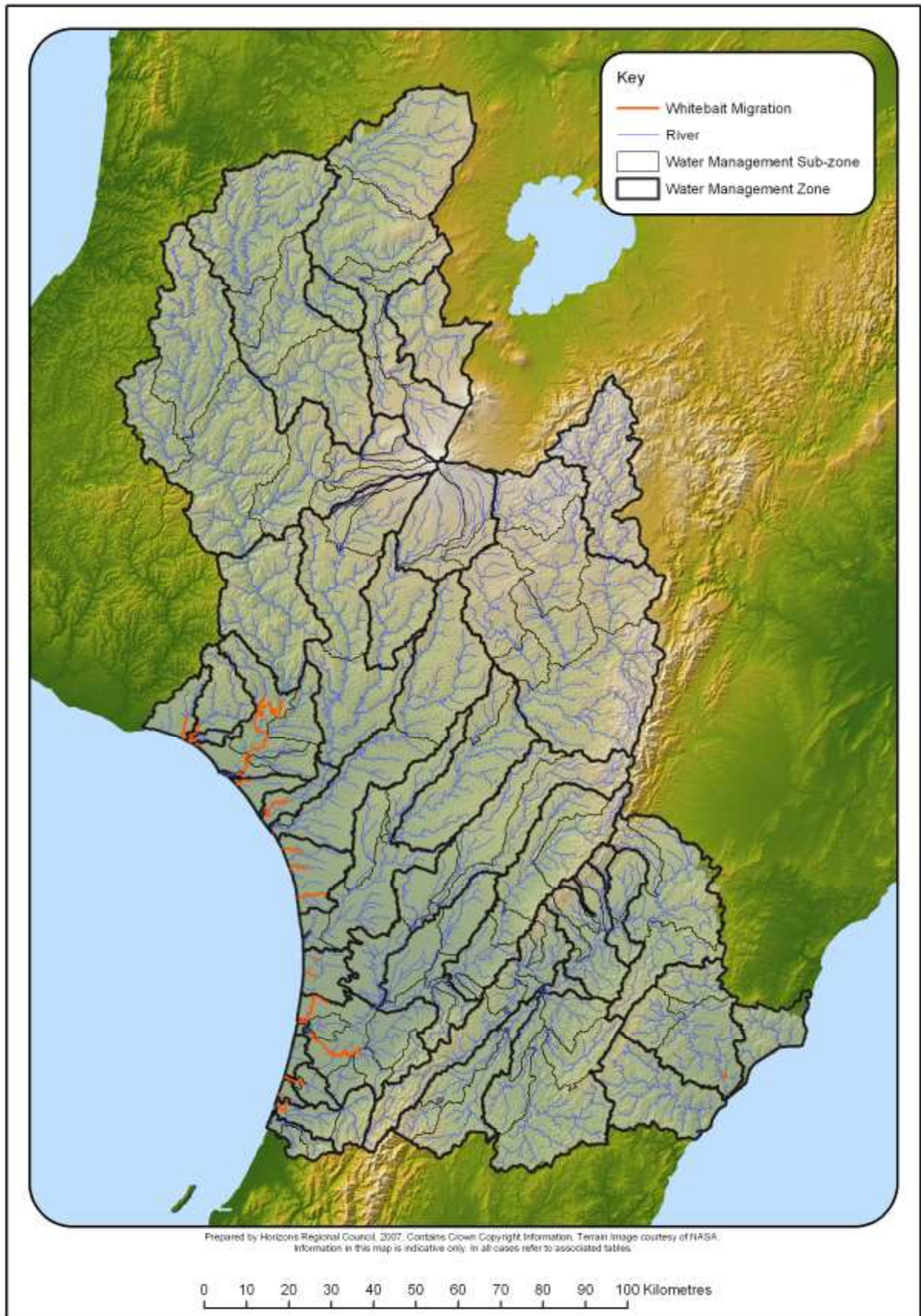
Management Zone	Sub-zone	Site	Locality Description
	(Mana 13d)	Tokomaru River Bank Reserve (SH57)	At approx. NZMS 260 S24:222-770
	Foxton Loop (Mana 13f)	Foxton Loop Reserve	From approx. NZMS 260 S24:031-783 to approx. NZMS 260 S24:027-796
		Foxton Loop Reserve	At approx. NZMS 260 S24:033-785
Middle Rangitikei	Pukeokahu – Mangaweka (Rang 2b)	Rangitikei River upstream of the Hautapu Confluence (Toe Toe Rd)	At approx. NZMS 260 T22:531-573
	Upper and Lower Hautapu (Rang 2f and Rang 2g)	Hautapu River	From the confluence with the Otaihape Stream at approx. NZMS 260 T21:507-656 to approx. NZMS 260 T21:502-671
	Lower Hautapu (Rang 2g)	Hautapu River at Papakai Park/Spooner's Hill	At approx. NZMS 260 T21:505-670
Otaihape Stream		From the confluence with the Hautapu River at approx. NZMS 260 T21:507-656 to approx. NZMS 260 T21:492-652	
Lower Rangitikei	Lower Rangitikei (Rang 3a)	Rangitikei River at Mangaweka	At approx. NZMS 260 T22:503-513
		Rangitikei River at Vinegar Hill	At approx. NZMS 260 T22:358-379
		Rangitikei at Makino Rd/Rue Rue Rd	At approx. NZMS 260 S23:213-226
Coastal Rangitikei	Tidal Rangitikei	Holben Reserve	At approx. NZMS 260 S24:989-997
	Tutaenui (Rang 4d)	Tutaenui Stream	From approx. NZMS 260 S23:133-209 to approx. NZMS 260 S23:133-252
Cherry Grove	Cherry Grove (Whai 2a)	Whanganui River at Manunui	At approx. NZMS 260 S18:104-556
		Whanganui River at Cherry Grove	At approx. NZMS 260 S18:057-545
		Whanganui River	From the Confluence with the Ongarue River at approx. NZMS 260 S18:055-544 to approx. NZMS 260 S18:100-554
	Lower Whakapapa (Whai 2c)	Whakapapa River at Owhangō	At approx. NZMS 260 S19:178-426
	Lower Ongarue (Whai 2f)	Ongarue River at various swimming holes at Taringamotu	At approx. NZMS 260 S18:057-546
Ongarue River		From the Confluence with the Whanganui River at approx. NZMS 260 S18:055-544 to approx. NZMS 260 S18:043-575	
Pipiriki	Lower Manganui o te Ao (Whai 5i)	Manganui o te Ao River at Ruatiti	At approx. NZMS 260 S20:996-079
Lower Whanganui	Lower Whanganui (Whai 7a)	Whanganui River at Mosquito Point	At approx. NZMS 260 S22:902-473
	Lower and Coastal Whanganui (Whai 7a and Whai 7b)	Whanganui River	From River Mouth the cross-river CMA boundary at approx. NZMS 260 R22:848-380 to approx. NZMS 260 R22:888-434
	Coastal Whanganui	Castleduff Beach	At approx. NZMS 260 R22:788-388
	Matarawa (Whai 7d)	Matarawa Stream	From the Confluence with the Whanganui River at approx. NZMS 260 R22:857-397 to approx. NZMS 260 R22:872-408
Lower Whangaehu	Upper Mangawhero (Whau 3d)	Mangawhero River	From approx. NZMS 260 S20:156-963 to approx. NZMS 260 S20:178-976
Coastal Whangaehu	Coastal Whangaehu	Whangaehu Beach	At approx. NZMS 260 R23:893-269

Table Ba.16: Amenity Value in the Region

Management Zone	Sub-zone	Site	Locality Description
Lower Turakina	Lower Turakina	Turakina Beach – Kaitiata	At approx. NZMS 260 S23:921-234
Ohau	Lower Ohau (Ohau 1b)	Ohau River at Kimberley Reserve	At approx. NZMS 260 S25:059-574
		Ohau River at Kirkcaldies Bridge Reserve	At approx. NZMS 260 S25:027-567
		Ohau River at Gladstone Reserve	At approx. NZMS 260 S25:076-577
		Ohau River at Parikawau Reserve	At approx. NZMS 260 S25:994-553
East Coast	East Coast	Herbertville Beach	At approx. NZMS 260 V24:103-719
Akitio	Lower Akitio	Akitio River	At approx. NZMS 260 U25:991-611
		Akitio Beach	At approx. NZMS 260 U25:989-597
Northern Coastal	Northern Coastal (West 1)	Ototoka Stream at William Birch Pool	At approx. NZMS 260 R22:676-519
		Ototoka Stream	At approx. NZMS 260 R22:666-471
		Ototoka Beach	At approx. NZMS 260 R22:667-471
Kai Iwi	Kai Iwi	Kai Iwi Stream	At approx. NZMS 260 R22:723-451
		Kai Iwi Beach	At approx. NZMS 260 R22:725-448
Mowhanau	Mowhanau	Mowhanau Stream	At approx. NZMS 260 R22:726-448
Kaitoke Lakes	Kaitoke Lakes (West 4)	Lake Wiritoa	At approx. NZMS 260 R22:882-344
		South Beach	At approx. NZMS 260 R22:882-344
Southern Whanganui Lakes	Southern Whanganui Lakes (West 5)	Lake Dudding	At approx. NZMS 260 S23:045-203
Northern Manawatu Lakes	Northern Manawatu Lakes (West 6)	Kaikokūopu Stream at Himatangi Beach	At approx. NZMS 260 S24:993-905
		Himatangi Beach	At approx. NZMS 260 S24:991-905
Waitarere	Waitarere (West 7)	Waitarere Beach	At approx. NZMS 260 S24:958-701
		Wairarawa Stream at Waitarere Beach	At approx. NZMS 260 S24:959-709
Waikawa	Waikawa	Waikawa Stream @ Hank Edwards Reserve	At approx. NZMS 260 S25:915-553
Lake Horowhenua	Hokio	Hokio Stream @ Hokio Beach	At approx. NZMS 260 S25:949-657



Whitebait* Migration (WM) Value



Map D-15 Ba:17 Visual guide to the distribution of the Native Fishery *Whitebait** Migration (WM) Value in water bodies* across the Manawatu-Wanganui Region.

Table D.9: Native Fishery Value Location in the Manawatu-Wanganui Region

Table Ba.17: <i>Whitebait</i> * Migration value in the Region			
Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Coastal Manawatu	Coastal Manawatu (<u>Mana_13a</u>)	Manawatu River	From the river mouth cross-river CMA boundary at approx. NZMS 260 S24:009-766 to the Foxton Shannon Road bridge at approx. NZMS 260 S24:133-727
		Holben Parade Creek	From the confluence with the Manawatu River at approx. NZMS 260 S24:981-789 to the intersection with Seabury Avenue at approx. NZMS 260 S24:986-800
		Whitebait Creek	From the confluence with the Manawatu River at approx. NZMS 260 982-791 to source
Coastal Rangitikei	Tidal Rangitikei (<u>Rang_4b</u>)	Rangitikei River	From the river mouth to a point 100 metres upstream of the cross-river CMA boundary at approx. NZMS 260 S23:009-001 to located at the seaward edge of the boat ramp on the true left bank of the river-located at approx. NZMS 260 S243:009-000
Lower Whanganui	Lower Whanganui (<u>Whai_7a</u>)	Kauarapaoa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:886-537 to the intersection with McNab's Access Road at approx. NZMS 260 S22:900-559
		Mateongaonga Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:876-434 to the intersection with Riverbank Road at approx. NZMS 260 R22:877-433
	Lower/Coastal Whanganui (<u>Whai_7a and Whai_7b</u>)	Whanganui River	From the river mouth cross-river CMA boundary at approx. NZMS 260 R22:848-380 to Parikino at approx. NZMS 260 S22:936-551
	Coastal Whanganui (<u>Whai_7b</u>)	Stream opposite Corliss Island	From the confluence with the Whanganui River at approx. NZMS 260 R22:835-374 to the intersection with Wikitoria Road at approx. NZMS 260 R22:849-371
		Omapu Stream	From the stream mouth CMA boundary to a point 1 km upstream at NZMS 260 R22: 750-441
Matarawa (<u>Whai_7d</u>)	Matarawa Stream	From the confluence with the Whanganui River at approx. NZMS 260 R22:858-398 to the intersection with Ikitara Road at approx. NZMS 260 R22:869-409	
Coastal Whangaehu	Coastal Whangaehu (<u>Whau_4</u>)	Whangaehu River	From the river mouth cross-river CMA boundary at approx. NZMS 260 S23:903-287 to the SH3 bridge at approx. NZMS 260 S22:950-310
Turakina	Lower Turakina	Turakina River	From the river mouth to a point 100 metres upstream of the CMA boundary located at the continuation of the fence line at approx. NZMS 260 S23:918-246

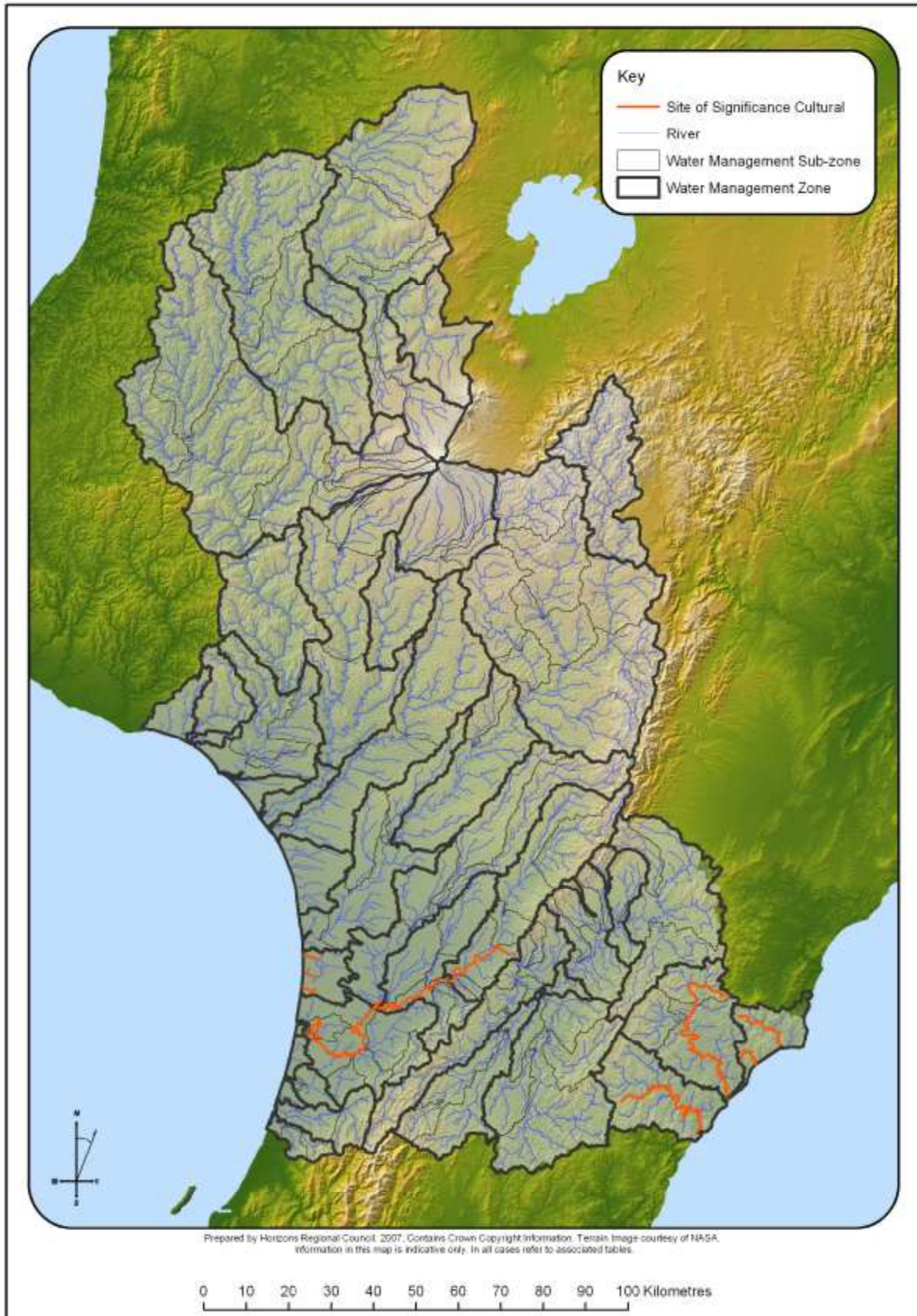
Table Ba.17: *Whitebait** Migration value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference-Locality Description
Ohau	Lower Ohau (Ohau_1b)	Ohau River	From the river mouth <u>cross-river CMA boundary at approx. NZMS 260 S25:929-595</u> to a point 5km upstream at approx. NZMS 260 948-579
		Lake Waitaha Drain	From the confluence with the Ohau River at approx. NZMS 260 S25:946-580 to the Lake Waitaha Outlet at approx. NZMS 260 S25:954-605
Akitio	Lower Akitio (Akit_1b)	Akitio River	From the river mouth to 100 metres upstream of the <u>cross-river CMA boundary at approx. NZMS 260 U25:996-618</u> to located at the seaward edge of the bridge that crosses the river at approx. NZMS 260 U25:996-619
		Whakawahine Stream	From the confluence with the Akitio River at approx. NZMS 260 U25:985-657 to a point approx. two kilometres 2 km upstream at approx. NZMS 260 U25:989-670
Northern Coastal	Northern Coastal (West_1)	Okehu Stream	From the stream mouth <u>CMA boundary to the intersection with SH3</u> at approx. NZMS 260 R22:717-510
Kai-Iwi	Kai Iwi Kai Iwi (West_2)	Kai Iwi Kai Iwi Stream	From the stream mouth <u>cross-river CMA boundary at approx. NZMS 260 R22:722-450</u> to the intersection with SH3 at approx. NZMS 260 R22:749-492
Mowhanau	Mowhanau (West_3)	Mowhanau Stream	From the stream mouth <u>cross-river-CMA boundary to a point 1km upstream</u> at approx. NZMS 260 R22:726-448 to approx. NZMS 260 R22:736-452
Kaitoke Lakes	Kaitoke Lakes (West_4)	Kaitoke Stream	From the stream mouth <u>CMA boundary</u> to Kaitoke Lake at approx. NZMS 260: R22:869-358
Southern Whanganui Lakes	Southern Whanganui Lakes (West_5)	Koitia Stream	From the stream mouth <u>CMA boundary</u> to a point 5 km upstream at approx. NZMS 260 S23:987-191
		Waimahora Stream	From the stream mouth <u>CMA boundary</u> to intersection with Santoft Rd at approx. NZMS 260 S23:001-154
		Raumai Range Stream	From the stream mouth <u>CMA boundary</u> at approx. NZMS 260:S23:979-081 to S source
Northern Manawatu Lakes	Northern Manawatu Lakes (West_6)	Kaikokopu Stream	From the stream mouth <u>CMA boundary</u> to Lake Kaikokopu at NZMS 260 S24:019-899
		4 Mile Creek	From the stream mouth <u>CMA boundary</u> to a point 100_m upstream at NZMS 260 S24:024-937
Lake Papiatonga	Lake Papiatonga (West_8)	Waiwiri Stream	No location defined, assume f From the stream mouth <u>CMA boundary</u> to a point 500_m upstream at NZMS 260 S25:939-618

Table Ba.17: Whitebait* Migration value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference/Locality Description
Lake Horowhenua	Hokio (Hoki 1b)	Hokio Stream	From the stream mouth cross-river CMA boundary at approx. NZMS 260 S25:943-657 to Lake Horowhenua

Sites of Significance – Cultural (SOS-C)



Map Ba:18 Visual guide to the distribution of the Sites of Significance Cultural (SOS-C) Value in *water bodies** across the Region.

Table Ba 18: Sites of Significance Cultural Value in the Manawatu-Wanganui Region

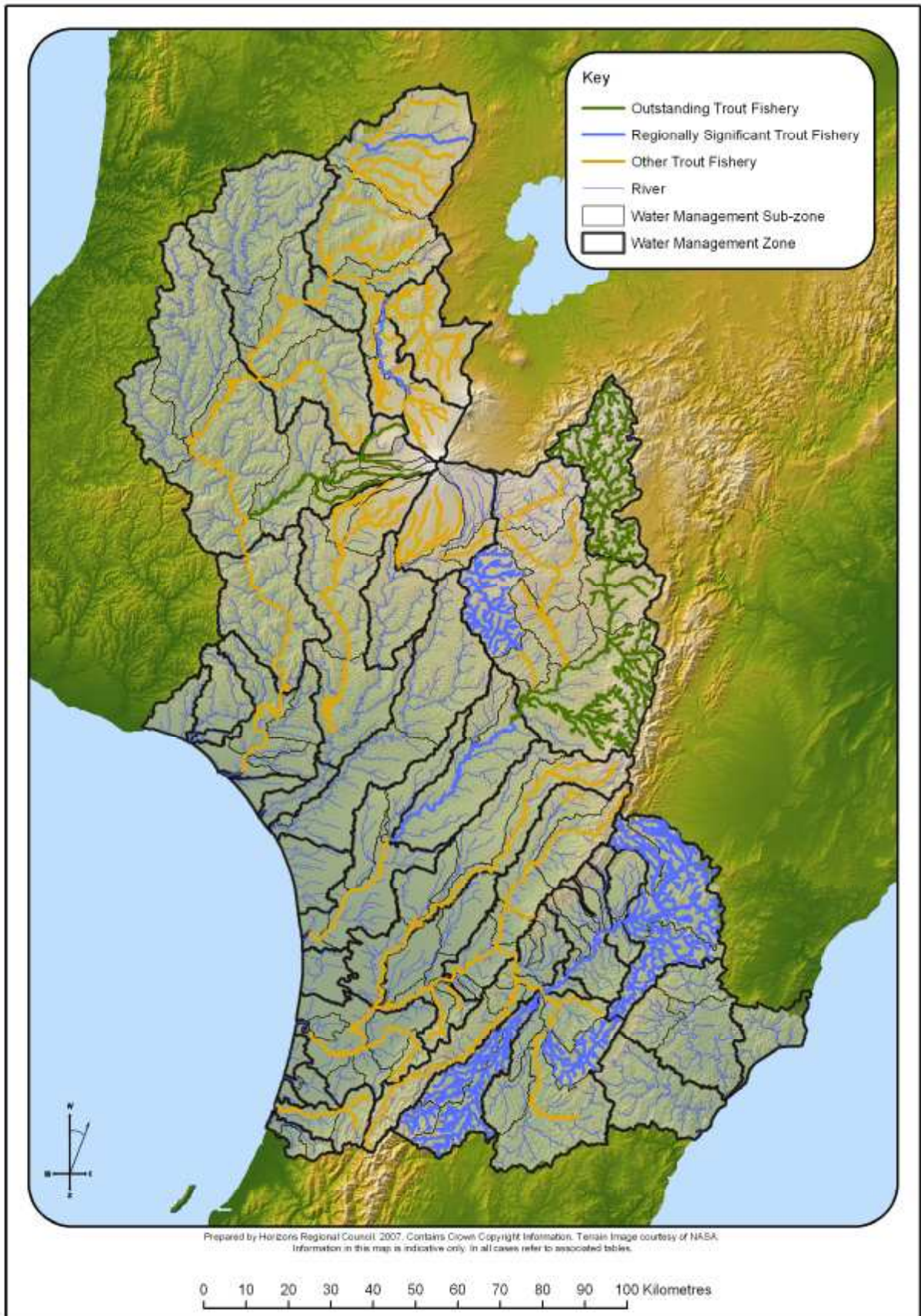
Management Zone	Management Sub-zone	River^	Locality Description	Reason	Iwi
Middle, Lower and Coastal Manawatu	Middle, Lower and Coastal Manawatu (Mana 10a, Mana 11a and Mana 13a)	Manawatu River	From the cross-river CMA boundary at approx NZMS 260 S24:009-766 to approx. NZMS 260 T24:477-949	Density of cultural and historical sites of significance including Waahi tapu and Taonga.	Rangitaane o Manawatu
Middle Manawatu	Lower Pohangina (Mana 10d)	Pohangina River	From the confluence with the Manawatu River at approx. NZMS 260 T24:450-966 to approx. NZMS 260T24:450-973	Density of cultural and historical sites of significance including Waahi tapu and Taonga.	Rangitaane o Manawatu
Lower Oroua	Lower Oroua (Mana 12c)	Oroua River	From approx NZMS 260 S24:164-825 to a point approximately 150m upstream of the State Highway 56 bridge at approx. NZMS 260 S24:176-842	Density of cultural and historical sites of significance including Waahi tapu and Taonga.	Rangitaane o Manawatu
Coastal Manawatu	Foxton Loop (Mana 13f)	Foxton Loop	From the confluence with the Manawatu River at approx. NZMS 260 S24:010-768 to source	Density of cultural and historical sites of significance including Waahi tapu and Taonga.	Rangitaane o Manawatu
East Coast	East Coast (East 1)	Wainui River	Wainui River from the cross-river CMA boundary y at approx. NZMS 260 V24:115-735 to a point 1km upstream at approx NZMS 260 V24: 112-743	Waahi tapu sites Taonga Kaitiakitanga Mahinga kai - particularly tuna (eels), mullet, kahawai, sole, flounder and <i>whitebait</i> *. Kohanga (nursery) for juveniles of above species plus snapper, gurnard and red cod	Ngati Kere Ngati Papauma o Kahungunu me Rangitane
		Wainui River	Wainui River from the cross-river CMA boundary at approx. NZMS 260 V24:115-735 to Source	Taonga Kaitiakitanga Nohoanga	Ngati Kere Ngati Papauma o Kahungunu me Rangitane
		Waimata River and Tributaries	From CMA boundary to source	Taonga Kaitiakitanga	Ngati Kere Ngati Papauma o Kahungunu me Rangitane
		Waimata River and Tributaries	From CMA boundary to approx. NZMS 260 U25:057-695	Taonga Kaitiakitanga Mahinga kai - particularly tuna (eels), mullet, kahawai, sole, flounder and <i>whitebait</i> *. Kohanga (nursery) for juveniles of above species plus snapper, gurnard and red cod	Ngati Kere Ngati Papauma o Kahungunu me Rangitane

Table Ba 18: Sites of Significance Cultural Value in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Management Sub-zone</u>	<u>River^</u>	<u>Locality Description</u>	<u>Reason</u>	<u>Iwi</u>
<u>Akitio (Akit_1)</u>	<u>Upper and Lower Akitio (Akit_1a and Akit_1b)</u>	<u>Akitio River</u>	<u>Akitio River from the cross-river CMA boundary at approx. NZMS 260 U25:996-618 to source</u>	<u>Taonga Kaitiakitanga</u>	<u>Ngati Papauma o Kahungunu me Rangitane</u>
	<u>Lower Akitio (Akit_1b)</u>	<u>Akitio River</u>	<u>Akitio River from the cross-river CMA boundary at approx. NZMS 260 U25:996-618 to approx. NZMS 260 U25:992-637</u>	<u>Taonga Kaitiakitanga</u> <u>Mahinga kai - particularly tuna (eels), mullet, kahawai, sole, flounder and whitebait*.</u> <u>Kohanga (nursery) for juveniles of above species plus snapper, gurnard and red cod</u>	<u>Ngati Papauma o Kahungunu me Rangitane</u>
<u>Owahanga</u>	<u>Owahanga (Owha_1)</u>	<u>Owahanga River</u>	<u>Owahanga River from the cross-river CMA boundary at approx. NZMS 260 U25:922-531 to source</u>	<u>Taonga Kaitiakitanga</u> <u>Nohoanga</u>	<u>Ngati Papauma o Kahungunu me Rangitane</u>
			<u>Owahanga River from the cross-river CMA boundary at approx. NZMS 260 U25-922-531 to approx. NZMS 260 U25:926-559</u>	<u>Taonga Kaitiakitanga</u> <u>Mahinga kai - particularly tuna (eels), mullet, kahawai, sole, flounder and whitebait*.</u> <u>Kohanga (nursery) for juveniles of above species plus snapper, gurnard and red cod</u>	<u>Ngati Papauma o Kahungunu me Rangitane</u>
<u>Northern Manawatu Lakes</u>	<u>Northern Manawatu Lakes (West_6)</u>	<u>Kaikokopu Stream</u>	<u>From the stream CMA boundary to the confluence with Lake Kaikokopu at approx. NZMS 260 S24:019-899</u>	<u>Tuna (eel)</u>	<u>Rangitaane o Manawatu</u>
		<u>Lake Koputara outlet</u>	<u>From the stream CMA boundary to the confluence with Lake Koputara at approx. NZMS 260 S24:021-870</u>	<u>Tuna (eel)</u>	<u>Rangitaane o Manawatu</u>
		<u>Pukepuke Lagoon outlet</u>	<u>From the stream CMA boundary to the confluence with Pukepuke Lagoon at approx. NZMS 260 S24:024-938</u>	<u>Tuna (eel)</u>	<u>Rangitaane o Manawatu</u>



Trout Fishery (TF) Value



Map D-16 Ba:19 Visual guide to the distribution of the Trout Fishery (TF) Value in *water bodies** across the Manawatu-Wanganui Region.

Table D.10: Trout Fishery Value in the Manawatu-Wanganui Region

Table Ba.19: Trout Fishery Value in the Region				
Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
Upper Manawatu, Weber Rd – Tamaki, Tamaki – Hopelands and Hopelands – Tiraumea	Upper Manawatu, Mangatewainui and Mangatoro, Weber Rd – Tamaki, Tamaki – Hopelands and Hopelands – Tiraumea (Mana 1a, Mana 1b, Mana 1c, Mana 2a, Mana 3, Mana 5a and Mana 6)	Manawatu River	Regionally Significant	From the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871 to source including all tributaries from the Weber Road Recorder at approx. NZMS 260 U23:747-027 to source
Tiraumea	Upper and Lower Tiraumea (Mana 7a and Mana 7b)	Tiraumea River	Other Trout Fishery	From the confluence with the Manawatu River at approx. NZMS 260 T24:553-871 to source
	Lower Tiraumea (Mana 7b)	Makairo Stream	Other Trout Fishery	From approx. NZMS 260 T24:553-834 598-831 to source
	Makuri (Mana 7d)	Makuri River and Tributaries	Regionally Significant	From the confluence with the Tiraumea River at approx. NZMS 260 T24:568-771 to source
Mangatainoka	Upper, Middle and Lower Mangatainoka and Makakahi (Mana 8a, Mana 8b, Mana 8c and Mana 8d)	Mangatainoka River and Tributaries Excluding the Mangamarama Creek and Tributaries	Regionally Significant	From the confluence with the Tiraumea River at approx. NZMS 260 T24:556-854 to source
Upper Gorge	Upper Gorge (Mana 9a)	Manawatu River	Other Trout Fishery	From approx. NZMS 260 T24:495-938 to the confluence with the Tiraumea River at approx. NZMS 260 T24:553-871
	Upper and Lower Mangahao (Mana 9d and Mana 9d)	Mangahao River	Other Trout Fishery	From the confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to source
Middle Manawatu	Middle Manawatu (Mana 10a)	Manawatu River	Other Trout Fishery	From approx. NZMS 260 T24:332-890 to approx. NZMS 260 T24:495-938
	Upper, Middle and Lower Pohangina (Mana 10b, Mana 10c and Mana 10d)	Pohangina River	Other Trout Fishery	From the confluence with the Manawatu River at approx. NZMS 260 T24:449-966 to source
	Middle Pohangina (Mana 10c)	Makiekie (Coal) Creek	Other Trout Fishery	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-166 to source
Lower Manawatu	Lower Manawatu (Mana 11a)	Manawatu River	Other Trout Fishery	From approx. NZMS 260 T24:332-890 to Oroua Confluence at approx. NZMS 260 S24:164-825

Table Ba.19: Trout Fishery Value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
	Turitea (Mana_11b)	Turitea Stream	Other Trout Fishery	From approx. 800 m downstream of the Old West Road Bridge at approx. NZMS 260 T24:331-875 to approx. NZMS 260 T24:365-790 363-825
	Kahuterawa (Mana_11c)	Kahuterawa Stream	Other Trout Fishery	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-871 to source
Oroua	Upper, Middle and Lower Oroua (Mana_12a , Mana_12b and Mana_12c)	Oroua River	Other Trout Fishery	From the confluence with the Manawatu River at approx. NZMS 260 S24:164-826 to approx. NZMS 260 U22:729-400
	Upper Oroua (Mana_12a)	Mangiora Stream	Other Trout Fishery	From the confluence with the Oroua River at approx. NZMS 260 T22:577-379 to source
	Makino (Mana_12d)	Makino Stream	Other Trout Fishery	From the confluence with the Oroua River at approx. NZMS 260 S23:243-005 to approx. NZMS 260 S23:260-037
Coastal Manawatu	Coastal Manawatu (Mana_13a)	Manawatu River	Other Trout Fishery	From 100 metres upstream of the cross-river CMA boundary located at the seaward edge of Foxton Loop at approx. NZMS 260 S24:040-767 009-765 to the confluence with the Oroua River at approx. NZMS 260 S24:164-825
	Upper and Lower Tokomaru (Mana_13c and Mana_13d)	Tokomaru River	Other Trout Fishery	From the confluence with the Manawatu River at approx. NZMS 260 S24:132-727 to source
Upper Rangitikei	Upper Rangitikei (Rang_1)	Rangitikei River and Tributaries	Outstanding	From the Makahikatoa Stream confluence at approx. NZMS 260 U21:725-887 to source
Middle Rangitikei	Middle Rangitikei (Rang_2a)	Rangitikei River	Outstanding	From approx. NZMS 260 U21:713-707 to the confluence with the Makahikatoa Stream at approx. NZMS 260 U21:725-887
		Porotaiana Stream	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:714-878 to source
		Mangaururoa Stream	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:710-852 to source
		Whangaipotiki Stream	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:700-819 to source
		Mangaohane Stream	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:707-818 to source
		Makomiko East Stream	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:709-792 to source

Table Ba.19: Trout Fishery Value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
		Tamatipama Stream	Outstanding	From the confluence with the Makomiko East Stream at approx. NZMS 260 U21:681-802 to S source
		Waiakaha Stream	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:707-785 to S source
		Pokopoko Stream	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:722-758 to S source
	Pukeokahu – Mangaweka (Rang_2b)	Rangitikei River	Outstanding	From approx. NZMS 260 T22:504-519 the confluence with the Mangawharariki River at approx. NZMS 260 T22:504-519 to approx. NZMS 260 U21:713-707
		Whakaurekou River and Tributaries	Outstanding	From the confluence with the Rangitikei River at approx. NZMS 260 U21:712-690 to S source
		Kawhatau River and Tributaries	Outstanding	From the C confluence with the Rangitikei River at approx. NZMS 260 T22:504-551 to S source
	Upper, Middle and Lower Moawhango (Rang_2c, Rang_2d and Rang_2e)	Moawhango River	Other Trout Fishery	From the confluence with the Rangitikei River at approx. NZMS 260 T21:609-623 to source
	Middle Moawhango (Rang_2d)	Aorangi Stream	Other Trout Fishery	From the confluence with the Moawhango River at approx. NZMS 260 T21:595-858 to source
	Lower Moawhango (Rang_2e)	Tikirere Stream	Other Trout Fishery	From the confluence with the Moawhango River at approx T21:559-741 to S source
	Upper Hautapu (Rang_2f)	Hautapu River and Tributaries	Regionally Significant	From the confluence with the Oraukura Stream at approx. NZMS 260 T21:509-670 to S source
Lower Hautapu (Rang_2g)	Hautapu River	Other Trout Fishery	From the confluence with the Rangitikei River at approx. NZMS 260 T22:528-573 to the Oraukura Stream C confluence at approx. NZMS 260 T22:509-670	
Lower Rangitikei	Lower Rangitikei (Rang_3a)	Rangitikei River	Outstanding	From the Mangarere Bridge approx. NZMS 260 T22:438-496 to the confluence with the Mangawharariki River at approx. NZMS 260 T22:504-519
		Rangitikei River	Regionally Significant	From NZMS 260 S23:200-221 494 to the confluence with the Mangawharariki River-Mangarere Bridge at approx. T22:504-519 NZMS 260 T22:438-496
Coastal Rangitikei	Coastal/Tidal Rangitikei (Rang_4a and Rang_4b)	Rangitikei River	Other Trout Fishery	From 100 metres upstream of the cross-river CMA boundary located at the seaward edge of the boat ramp at approx. NZMS 260 S243:009-000 to approx. NZMS 260 S23:200-221

Table Ba.19: Trout Fishery Value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
<u>Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa</u>	<u>Upper Whanganui, Cherry Grove, Te Maire, Middle Whanganui, Pipiriki and Paetawa (Whai 1, Whai 2a, Whai 3, Whai 4a, Whai 5a and Whai 6)</u>	<u>Whanganui River</u>	<u>Other Trout Fishery</u>	<u>From approx. NZMS 260 S22:937-563 to source</u>
Upper Whanganui	Upper Whanganui (Whai 1)	Whanganui River	Other Trout Fishery	From the confluence with the Ongarue River at approx. NZMS 260 S18:054-544 to the to Ssource
		Otamangakau Dam	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 T19:367-409 to T19:375-414
		Otamangakau Canal	Other Trout Fishery	From the confluence with the Whanganui River at NZMS 260 T19:367-409 to Ssource
		Okupata Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-406 to Ssource
		Mangatepopo Stream	Other Trout Fishery	From the confluence with the Okupata Stream at approx. NZMS 260 S19:287-397 to Ssource
		Waione Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:276-427 to Ssource
		Waipari Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:269-455 to Ssource
		Waione Stream	Other Trout Fishery	From the confluence with the Waipari Stream at approx. NZMS 260 S18:282-516 to Ssource
		Waipungapunga Stream	Other Trout Fishery	From the confluence with the Waipari Stream at approx. NZMS 260 S19:287-490 to Ssource
		Waionenui Stream	Other Trout Fishery	From the confluence with the Waipari Stream at approx. NZMS 260 S19:288-475 to Ssource
		Waione Stream	Other Trout Fishery	From the confluence with the Waipari Stream at approx. NZMS 260 S19:282-464 to Ssource
		Mako Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:231-455 to Ssource
Taringapupu Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:205-477 to Ssource		

Table Ba.19: Trout Fishery Value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
		Herungaweka Stream	Other Trout Fishery	From the confluence with the Taringapupu Stream at approx. NZMS 260 S18:229-511 to S source
		Paewaru Stream	Other Trout Fishery	From the confluence with the Taringapupu Stream at approx. NZMS 260 S19:216-488 to S source
		Papanui Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:192-485 to S source
Cherry Grove	Cherry Grove (Whai_2a)	Kakahi Stream	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:151-497 to source
	Upper and Lower Whakapapa (Whai_2b and Whai_2c)	Whakapapa River	Regionally Significant	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to source
	Upper Whakapapa (Whai_2b)	Whakapapa River	Other Trout Fishery	From approx. NZMS 260 S19:226-295 to the confluence with the Whakapapiti and Whakapapanui Streams at approx. NZMS 260 S19:243-268
		Whakapapiti Whakapapiti Stream	Other Trout Fishery	From the confluence with the Whakapapa River at approx. NZMS 260 S19:243-268 to S source
		Whakapapanui Stream	Other Trout Fishery	From the confluence with the Whakapapanui River at approx. NZMS 260 S19:243-268 to S source
		Makahikatoa Stream	Other Trout Fishery	From the confluence with the Whakapapanui Whakapapanui Stream at approx. NZMS 260 S19:273-244 to S source
		Taranaki Stream	Other Trout Fishery	From the confluence with the Makahikatoa Stream at approx. NZMS 260 S19:296-235 to S source
		Pukeonaki Stream	Other Trout Fishery	From the confluence with the Whakapapanui Whakapapanui Stream at approx. NZMS 260 S19:269-255 to S source
		Tawahi Stream	Other Trout Fishery	From the confluence with the Whakapapiti Stream at approx. NZMS 260 S19:242-265 to approx. NZMS 260 S19:242-256
		Papamanuka Stream	Other Trout Fishery	From the confluence with the Whakapapa Stream at NZMS 260 S19:234-288 to NZMS 260 S19:277-281
	Lower Whakapapa (Whai_2c)	Whakapapa River	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to approx. NZMS 260 S19:226-295
Unnamed Tributary of the Whakapapa River		Other Trout Fishery	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-416 to S source	

Table Ba.19: Trout Fishery Value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
		Otamawairua Stream	Other Trout Fishery	From the confluence with the Whakapapa River at approx. NZMS 260 S19:193-324 to <u>S</u> source
	Piopiotea Stream (Whai 2d)	Piopiotea Stream and Tributaries	Other Trout Fishery	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to <u>S</u> source
	Pungapunga (Whai 2e)	Pungapunga River	Other Trout Fishery	From approx. NZMS 260 S18:124-544 to approx. <u>NZMS 260 S18:266-577</u>
	Upper and Lower Ongarue (Whai 2f and Whai 2g)	Ongarue River	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 S18:055-544 to <u>Source the confluence with the Waimiha Stream at approx. NZMS 260 S17:132-86</u>
	Upper Ongarue (Whai 2f)	<u>Ongarue River</u>	<u>Regionally Significant Trout Fishery</u>	<u>From the confluence with the Waimiha Stream at approx. NZMS 260 S17:132-862 to source</u>
		Waimiha Stream	Other Trout Fishery	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to <u>S</u> source
		<u>Waione Stream</u>	<u>Other Trout Fishery</u>	<u>From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source</u>
		Okauaka Stream	Other Trout Fishery	From the confluence with the Ongarue River at approx. NZMS 260 S17:188-864 to <u>S</u> source
	Lower Ongarue (Whai 2g)	Matamata <u>Maramataha River</u>	Other Trout Fishery	From the confluence with the Ongarue River at approx. NZMS 260 S17:116-806 to <u>S</u> source
		Mangakahu Stream	Other Trout Fishery	From the confluence with the Ongarue River at approx. NZMS 260 S18:087-736 to <u>S</u> source
		Taringamotu River and Tributaries	Other Trout Fishery	From the confluence with the Ongarue River at approx. NZMS 260 S18:046-582 to <u>S</u> source
Middle Whanganui	Retaruke (Whai 4d)	Retaruke River	Other Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 R19:889-309 to <u>S</u> source
Pipiriki	Upper Manganui o te Ao (Whai 5d)	Manganui o Te Ao River	Outstanding Trout Fishery	From the confluence with the Hoihenga Stream at approx. NZMS 260 S20:046-078 to <u>Source</u>
		Mangaturuturu River	Outstanding Trout Fishery	From the confluence with the Manganui o Te Ao River at approx. NZMS 260 S20:056-067 to <u>Source</u>
		Makatote River	Outstanding Trout Fishery	From the confluence with the Manganui o Te Ao River at approx. NZMS 260 S20:128-119 to <u>Source</u>

Table Ba.19: Trout Fishery Value in the Region

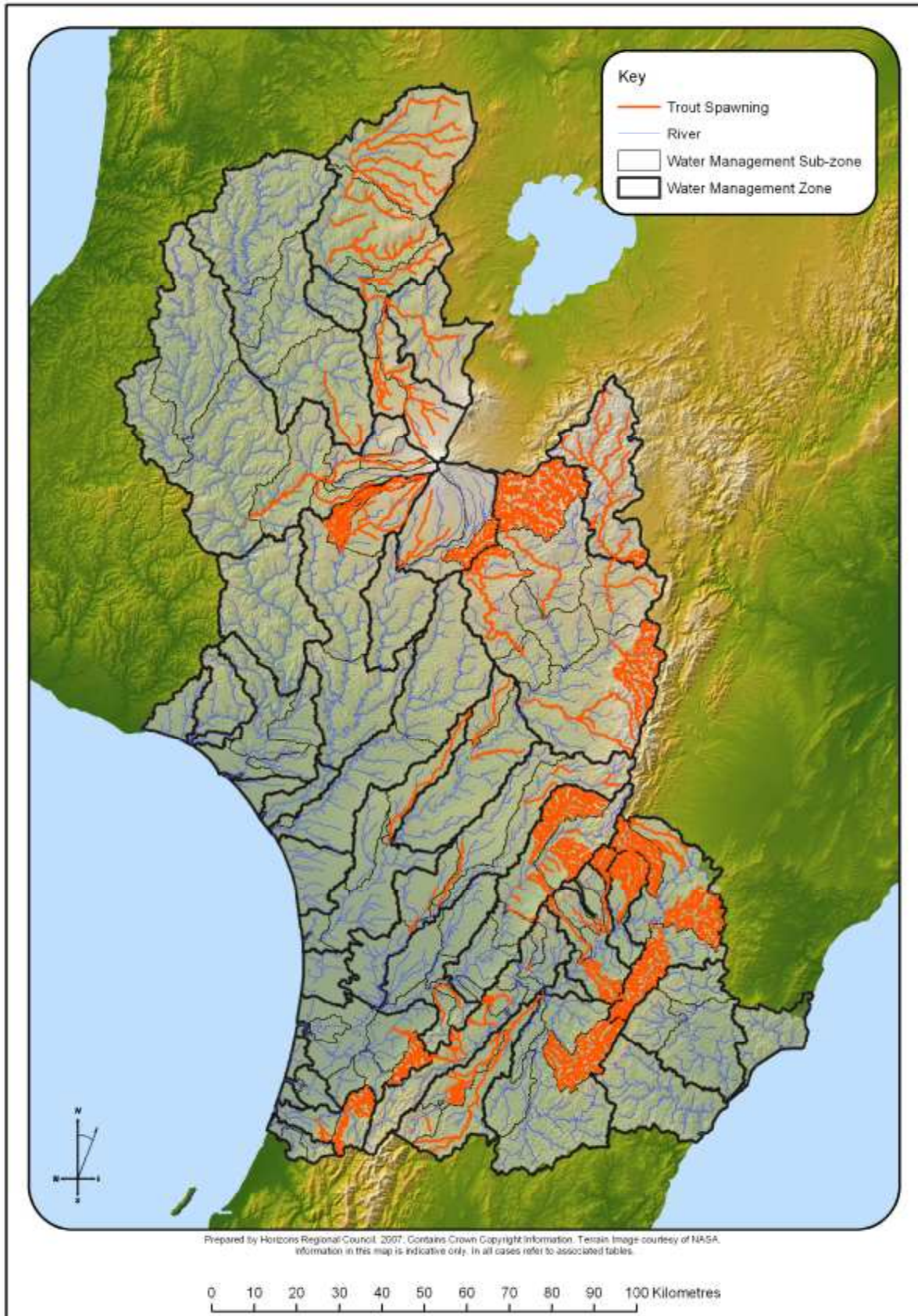
Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
		Waimarino Stream	Outstanding Trout Fishery	From the confluence with the Manganui o Te Ao River at approx. NZMS 260 S20:128-119 to Source
	Makatote (Whai_5e)	Makatote River	Outstanding Trout Fishery	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:129-120 to source
	Waimarino (Whai_5f)	Waimarino Stream	Outstanding Trout Fishery	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:129-120 to source
	Mangaturuturu (Whai_5g)	Mangaturuturu River	Outstanding Trout Fishery	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:056-067 to source
	Upper, Middle and Lower Manganui o te Ao (Whai_5d, Whai_5g and Whai_5i)	Manganui o te Ao River	Outstanding Trout Fishery	From the confluence with the Whanganui River at approx. NZMS 260 R20:860-979 to the Hoihenga Stream Confluence at approx. S20:056-067 to source
		Orautoha Stream	Outstanding Trout Fishery	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:026-067 to Source
	Orautoha (Whai_5j)	Orautoha Stream	Outstanding Trout Fishery	From the confluence with the Manganui o te Ao River at approx. NZMS 260 S20:026-067 to source
Lower Whanganui	Lower Whanganui (Whai_7a)	Whanganui River	Other Trout Fishery	From approx. NZMS 260 R22:861-422 to approx. NZMS 260 S22:938-563
	Coastal Whanganui (Whai_7b)	Whanganui River	Other Trout Fishery	From approx. NZMS 260 R22:848-381 to approx. NZMS 260 R22:861-422
Pipiriki and Paetawa	Pipiriki and Paetawa (Whai_5a and Whai_6)	Whanganui River	Other Trout Fishery	From approx. NZMS 260 S22:937-563 to confluence with the Retaruke at approx. R19:889-309
Upper Whangaehu	Waitangi (Whau_2b)	Waitangi Stream	Other Trout Fishery	From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to Ssource
	Tokiahuru (Whau_2c)	Tokiahuru Stream and Tributaries	Other Trout Fishery	From the confluence with the Whangaehu River at approx. NZMS 260 S21:218-865 to Ssource
Lower Whangaehu	Upper Makotuku, Lower Makotuku and Makara (Whau_3b, Whau_3c and Whau_3f)	Makotuku River and tributaries including Makara Stream and tributaries	Other Trout Fishery	From the confluence with the Mangawhero River at approx. NZMS 260 S20:079-902
	Upper Mangawhero (Whau_3d)	Mangawhero River Including the Taonui Stream and all tributaries upstream of the Taonui Stream	Other Trout Fishery	From the confluence with the Makotuku River at approx. NZMS 260 S20:079-902

Table Ba.19: Trout Fishery Value in the Region

Management Zone	Sub-zone	River/Stream Name	Classification	Reference Locality Description
	Upper and Lower Makotuku	Makotuku River and Tributaries	Other Trout Fishery	From the confluence with the Mangawhero River at approx. NZMS 260 S20:079-902
	Lower Mangawhero and Lower Whangaehu (Whau 3a and Whau 3e)	Mangawhero River	Other Trout Fishery	From the confluence with the Whangaehu River at approx. NZMS 260 S22:065-470 to the confluence with the Makotuku River at approx. NZMS 260 S20:079-902
Kaitoke Lakes	Kaitoke Lakes (West 4)	Lake Wiritoa	Other Trout Fishery	Lake Wiritoa at approx. NZMS 260 R22:877-350
		Lake Kohata	Other Trout Fishery	Lake Kohata at approx. NZMS 260 R22:885-347
		Lake Pauri	Other Trout Fishery	Lake Pauri at approx. NZMS 260 R22:894-342
Ohau	Upper and Lower Ohau (Ohau 1a and Ohau 1b)	Ohau River	Other Trout Fishery	From mouth the cross-river CMA boundary at approx. NZMS 260 S25:929-595 to source including the Makahika Stream and Tributaries and an unnamed Tributary at approx. NZMS 260 S25:974-585



Trout Spawning (TS) Value



Map D:17 Ba:20 Visual Guide to the distribution of the Trout Spawning (TS) Value in *water bodies** across the Manawatu-Wanganui Region

Table D.11: Trout Spawning Value in the Manawatu-Wanganui Region

Table Ba.20: Trout Spawning Value in the Region			
Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Upper Manawatu	Upper Manawatu (<u>Mana 1a</u>)	Manawatu River	From the confluence with the Kahututaeatua Stream at approx. NZMS 260 U23:891-194 to source
		Mangarangiora Stream and Tributaries	From the confluence with the Manawatu River at approx. NZMS 260 U23:879-145 to source
		Mahuraiti Stream	From the confluence with the Manawatu River at approx. NZMS 260 U23:853-235 to the confluence with the Mahurunui Stream (Stoney Creek) at approx. <u>NZMS 260 U23:850-244</u>
		Mangapuaka Stream and Tributaries	From the confluence with the Manawatu River at approx. NZMS 260 U23:841-044 to source
	Mangatewainui (<u>Mana 1b</u>)	Mangatewainui River and Tributaries	From the confluence with the Manawatu River at approx. NZMS 260 U23:829-085
	Mangatoro (<u>Mana 1c</u>)	Mangatoro River	From the confluence with the Manawatu River at approx. NZMS 260 U23:807-026 to the confluence with the Mangamarie Stream at approx. <u>NZMS 260 U24:838-991</u>
		Mangatoro River and Tributaries	From the confluence with the Mangamarie Stream at approx. NZMS 260 U24:838-991 to source
Weber – Tamaki	Mangatera (<u>Mana 2b</u>)	Mangatera Stream	From the confluence with the Manawatu River at approx. NZMS 260 U23:736-025 to approx. <u>NZMS 260 U23:756-079</u>
		Mangatera Stream and Tributaries	From approx. NZMS 260 U23:756-079 to source
		Tapuata Stream	From the confluence with the Mangatera Stream at approx. NZMS 260 U23:738-044 to approx. <u>NZMS 260 U23:732-052</u>
Upper Tamaki	Upper Tamaki (<u>Man 3</u>)	Tamaki River and Tributaries	From approx. NZMS 260 U23:706-100 to source.
Tamaki – Hopelands	Tamaki – Hopelands (<u>Mana 5a</u>)	Otaoho Otawhao Stream and Tributaries	From the confluence with the Manawatu River at approx. NZMS 260 T24:651-935 to source
		Totara Stream and Tributaries	From the confluence with the Manawatu River at approx. NZMS 260 T24:647-929 to source
	Lower Tamaki (<u>Mana 5b</u>)	Tamaki River	From the confluence with the Manawatu River at approx. <u>NZMS 260 U23:708-002</u> NZMS 260 to approx. <u>NZMS 260 U23:706-100</u>

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
	Lower Kumeti (Mana 5c)	Kumeti Stream	From the confluence with the Manawatu River at approx. NZMS 260 T23:697-005 to approx. NZMS 260 T23:681-041
	Oruakeretaki (Mana 5d)	Oruakeretaki Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:690-999 to the confluence with the Mangapukakakahu Stream at approx. NZMS 260 T23:628-058
	Raparapawai (Mana 5e)	Raparapawai Stream	From the confluence with the Manawatu River at approx. NZMS 260 T24:641-931 to source
Tiraumea	Makuri (Mana 7d)	Makuri River and Tributaries	From the confluence with the Tiraumea River at approx. NZMS 260 T24:568-771 to source
Mangatainoka	Upper Mangatainoka (Mana 8a)	Makotukutuku Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 S25:279-576 to source
	Middle and Lower Mangatainoka (Mana 8b and Mana 8c)	Mangatainoka River	From approx. NZMS 260 T24:558-857 to the confluence with the Mangaroa Stream at approx. NZMS 260 T25:324-627
	Middle Mangatainoka (Mana 8b)	Mangaraupiu Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:366-655 to approx. NZMS 260 T25:322-665
		Unnamed Tributary of the Mangatainoka River and Tributaries	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:369-654 to source
		Hukanui Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T25:396-680 to approx. NZMS 260 T25:341-676
		Mangamarie Stream	From the confluence with the Mangatainoka River at approx. NZMS 260 T24:451-762 to approx. NZMS 260 T24:433-742
	Makakahi (Mana 8d)	Makakahi River	From the confluence with the Mangatainoka River at approx. NZMS 260 T24:475-775 to source
		Bruce Stream	From the confluence with the Makakahi River at approx. NZMS 260 T25:346-524 to source
Upper Gorge	Mangapapa (Mana 9b)	Mangapapa Stream	From the confluence with the Mangaatua Stream at approx. NZMS 260 T24:514-922 to approx. NZMS 260 T24:527-931

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference-Locality Description	
	Upper Mangahao (Mana_9d)	Unnamed Tributary	From the confluence with the Mangahao River at approx. NZMS 260 T24:348-700 to source	
		Unnamed Tributary	From the confluence with the Mangahao River at approx. NZMS 260 T24:364-704 to source	
		Orangane Stream	From the confluence with the Mangahao River at approx. NZMS 260 T24:377-716 to source	
		Matarua Creek	From the confluence with the Mangahao River at approx. NZMS 260 T24:445-788 to source	
		Unnamed Tributary	From the confluence with the Matarua Creek at approx. NZMS 260 T24:422-793 to source	
	Lower Mangahao (Mana_9e)	Makaretu Creek	From the confluence with the Mangahao River at approx. NZMS 260 T24:484-844 to source	
	Upper Pohangina	Pohangina River	From confluence with the Whangapuna Stream at approx. NZMS 260 T23:605-240 to approx. T23:647-236	
		Konewa Stream and Tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:575-203 to source	
		Makewekaweka Stream and Tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:568-199 to source	
		Te Ekaou Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:562-180 to approx. T23:594-150	
		Porewa Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:549-163 to approx. T23:579-147	
		Opawe Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:544-161 approx. T23:556-144	
	Middle Pohangina	Makickie (Coal) Creek and Tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-165 to source	
		Ohinotapu Stream and Tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:517-131 to Source	
		Maranganui Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:492-112 to approx. T23:504-107	
		Te Awaoteatua Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:480-090 to approx. T23:499-077	
		Makohine Stream	From the confluence with the Pohangina River at approx. NZMS 260 T23:469-058 to source	
	<u>Middle Manawatu</u>	Upper Pohangina (Mana_10b)	Pohangina River	From the confluence with the Whangapuna Stream at approx. NZMS 260 T23:605-240 to approx. NZMS 260 T23:647-236
			Konewa Stream and tributaries	From the confluence with the Pohangina River at approx. NZMS 260 T23:575-203 to source

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference-Locality Description
		<u>Makewekaweka Makawakawa Stream and tributaries</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:568-199 to source
		<u>Te Ekaou Stream</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:562-180 to approx. NZMS 260 T23:594-150
		<u>Porewa Stream</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:549-163 to approx. NZMS 260 T23:579-147
		<u>Opawe Stream</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:544-161 approx. NZMS 260 T23:556-144
	<u>Middle Pohangina (Mana 10c)</u>	<u>Makiekie (Coal) Creek and tributaries</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:528-165 to source
		<u>Ohinetau Stream and tributaries</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:517-131 to source
		<u>Mi Maranganui Stream</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:492-112 to approx. NZMS 260 T23:504-107
		<u>Te Awaoteatua Stream</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:480-090 to approx. NZMS 260 T23:499-077
		<u>Makohine Stream</u>	From the confluence with the Pohangina River at approx. NZMS 260 T23:469-058 to source
	Lower Manawatu	<u>Turitea (Mana 11b)</u>	<u>Turitea Turitea Stream</u>
<u>Kahuterawa (Mana 11c)</u>		Kahuterawa Stream	From the confluence with the Manawatu River at approx. NZMS 260 S24:293-870 to approx. NZMS 260 T24:317-796
Oroua	<u>Upper Oroua (Mana 12a)</u>	Oroua River	From the confluence with the Tunupo Creek at approx. NZMS 260 T22:699-356 to approx. NZMS 260 U22:715-378
		Tunupo Creek	From the confluence with the Oroua River at approx. NZMS 260 T22:699-356 to source
		<u>Mangiora Mangahua Stream</u>	From the confluence with the Oroua River at approx. NZMS 260 T22:577-378 to the confluence with Scandlyn eCreek at approx. NZMS 260 T22:621-384

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference-Locality Description
	Kiwitea (<u>Mana_12c</u>)	Mangapikopiko Stream	From the confluence with the Oroua River at approx. NZMS 260 T22:515-307 to source
		Kiwitea Stream	From the confluence with the Oroua River at approx. NZMS 260 T23:308-066 to approx. <u>NZMS 260 T23:363-215</u>
	Makino (<u>Mana_12d</u>)	Makino Stream	From approx. NZMS 260 S23:294-088 to approx. <u>NZMS 260 T23:307-111</u>
			From approx. NZMS 260 S23:279-058 to approx. <u>NZMS 260 S23:286-069</u>
			From confluence with the Oroua River at approx. NZMS 260 S23:243-005 to approx. <u>NZMS 260 S23:259-037</u>
Coastal Manawatu	Upper and Lower Tokomaru (<u>Mana_13c and Mana_13_d</u>)	Tokomaru River and Tributaries	From the confluence with the Linton Drain at approx. NZMS 260 S24:196-774 to source
Upper Rangitikei	Upper Rangitikei (<u>Rang_1</u>)	Ecology Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T20:691-176 to source
		Otamatenui Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T20:672-107 to source
		Makomiko Stream	From the confluence with the Otamatenui Stream at approx. NZMS 260 T20:650-120 to source
		Mangamare Mangamaire River	From the confluence with the Rangitikei River at approx. NZMS 260 T20:691-090 to source
		Waingakia Stream	From the confluence with the Rangitikei River and at approx. NZMS 260 U20:715-053 to source
		Otutua Otutua Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U20:716-014 to source
		Otarere Stream and Tributaries	From the confluence with the Okorotehehe Stream at approx. NZMS 260 T20:684-988 to source
		Mangamarahia Stream	From the confluence with the Rangitikei River at approx. NZMS 260 U21:723-889 to approx. <u>NZMS 260 U20:756-954</u>
Makahikatoa Stream including all Tributaries	From the confluence with the Rangitikei River at approx. NZMS 260 U21:725-887 to source		
Middle- and Upper Rangitikei	Middle- and Upper Rangitikei (<u>Rang_1 and Rang_2a</u>)	Rangitikei River	From the confluence with the Pokopoko Stream at approx. NZMS 260 U24:721-758 to source

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
Middle Rangitikei	Middle Rangitikei (Rang_2a)	Mangaohane Stream	From the confluence with the Rangitikei River at approx. NZMS 260 707-818 to source
	Pukeokahu – Mangaweka (Rang_2b)	Whakaurekou River	From the confluence with the Rangitikei River at approx. NZMS 260 U21:712-690 to the confluence with the Mangatera River and Maropea River at approx. NZMS 260 U21:749-655
		Mangatera River and Maropea River and Tributaries	From the confluence with the Whakaurekou River at approx. NZMS 260 U21:749-655 to source
		Kawhatau River	From the confluence with the Rangitikei River at approx. NZMS 260 T22:504-551 to source
		Porangaki / Pourangaki River	From the confluence with the Mangakukeke Stream at approx. NZMS 260 T22:635-507 to source
		Mangakukeke Stream	From the confluence with the Kawhatau River at approx. NZMS 260 T22:634-508 to approx. NZMS 260 T22:677-486
	Upper Moawhango (Rang_2c)	Moawhango River and Tributaries	From approx. NZMS 260 T20:468-948 to source
	Middle Moawhango (Rang_2d)	Moawhango River	From the confluence with the Tikirere Stream at approx. NZMS 260 T21:559-741 to approx. NZMS 260 T20:468-948
	Upper Hautapu (Rang_2f)	Waiouru Stream and Tributaries	From the confluence with the Hautapu River at approx. NZMS 260 T21:410-838 to source
		Hirangi Unnamed tributary of the Hautapu River	From the confluence with the Hautapu River at approx. NZMS 260 T21:407-810 to source
Upper and Lower Hautapu (Rang_2f and Rang_2g)	Hautapu River	From the confluence with the Otaihape Stream at approx. NZMS 260 T21:506-656 to source	
Lower Rangitikei	Lower Rangitikei (Rang_3a)	Mangamako Stream	From the confluence with the Rangitikei River at approx. NZMS 260 T22:389-415 to source
	Makohine (Rang_3b)	Makohine Stream	From the confluence with the Rangitikei River at NZMS 260 T22:390-440 to source
Coastal Rangitikei	Porewa (Rang_4c)	Porewa Stream	From the confluence with the Rangitikei River at approx. NZMS 260 S23:191-215 to source

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference-Locality Description
Upper Whanganui	Upper Whanganui (<u>Whai 1</u>)	Whanganui River	From the confluence with the Whakapapa River at approx. NZMS 260 S19:188-495 to approx. <u>NZMS 260 T19:358-411</u>
		Mangatepopo Stream	From the confluence with the Whanganui River at approx. NZMS 260 S19:289-405 to approx. <u>NZMS 260 T19:308-360</u>
Cherry Grove	Cherry Grove (<u>Whai 2a</u>)	Whanganui River	From the confluence with the Pungapunga River at approx. NZMS 260 S18:124-544 to the confluence with the Whakapapa River at approx. <u>NZMS 260 S19:188-495</u>
	Upper and Lower Whakapapa (<u>Whai 2b and Whai 2c</u>)	Whakapapa River	From the confluence with the Whanganui River at approx. NZMS 260 S19:188-495 to the confluence with the Whakapapanui Stream and the Whakapapaiti Stream at approx. NZMS 260 S19:243-268
	Upper Whakapapa (<u>Whai 2b</u>)	Whakapapanui Stream	From the confluence with the Whakapapa River and the Whakapapaiti Stream at approx. NZMS 260 S19:243-268 to source
		Whakapapaiti Stream	From the confluence with the Whakapapa River and the Whakapapanui Stream at approx. NZMS 260 S19:243-268 to S source
		Mahikatoa Stream	From the confluence with the Whakapapanui Stream at approx. NZMS 260 S19:273-245 to <u>the</u> confluence with <u>the</u> Taranaki Stream <u>at</u> approx. NZMS 260 S19:295-236
		Taranaki Stream	From the confluence with the Mahikatoa Stream at approx. NZMS 260 S19:295-236 to source
		Pukeonaki Stream	From the confluence with the Whakapapanui Stream at approx. NZMS 260 S19:269-255 to source
		Papamanuka Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:233-288 to approx. <u>NZMS 260 S19:258-283</u>
	Lower Whakapapa (<u>Whai 2c</u>)	Otamawairua Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:195-324 to source
	Piopotea (<u>Whai 2d</u>)	Piopotea Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to source
Makaretu Stream		From the confluence with the Piopotea Stream at approx. NZMS 260 S19:172-284 to source	

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		Pukerimu Stream	From the confluence with the Piopotea Stream at approx. NZMS 260 S19:168-285 to source
		Tepure Stream	From the confluence with the Piopotea Stream at approx. NZMS 260 S19:159-327 to approx. <u>NZMS 260 S19:198-270</u>
		Unnamed Tributary of the Tepure Stream	From the confluence with the Tepure Stream at approx. NZMS 260 S19:181-299 to source
	Pungapunga (Whai 2e)	Pungapunga River	From the confluence with the Whanganui River at approx. NZMS 260 S18:124-544 to source
		Waituhi Stream	From the confluence with the Pungapunga River at approx. NZMS 260 S18:278-592 to approx. <u>NZMS 260 T18:301-587</u>
		Pungapunga River Tributary	From the confluence with the Pungapunga River at approx. NZMS 260 S18:261-580 to source
		Hauwai Stream	From the confluence with the Pungapunga River at approx. NZMS 260 S18:239-573 to source
		Whangapuoto Stream	From the confluence with the Pungapunga River at approx. NZMS 260 S18:165-542 to source
	Upper Ongarue (Whai 2f)	Unnamed Tributary of the Ongarue River	From the confluence with the Ongarue River at approx. NZMS 260 S17:286-880 to source
		Okauaka Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:187-865 to source
		Kahoho Stream	From the confluence with the Waimiha Stream at approx. NZMS 260 T17:310-965 to source
		Waimiha Stream	From the confluence with the Ongarue River at approx. NZMS 260 S17:132-862 to source
		Matamata Maramataha River	From the confluence with the Ongarue River at approx. NZMS 260 S17:116-806 to source
Unnamed Tributary of the Matamata Maramataha River		From the confluence with the Matamata Maramataha River at approx. NZMS 260 S18:273-793 to source	

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		Piropiro Stream	From the confluence with the Matamata/Maramata River at approx. NZMS 260 S17:251-804 to source
		Te Rerengaohoro Stream	From the confluence with the Matamata/Maramata River at approx. NZMS 260 S18:238-807 to approx. NZMS 260 S18:239-802
		Waione Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:118-799 to source
		Mangatukutuku Stream	From the confluence with the Waione Stream at approx. NZMS 260 S18:127-796 to source
		Waikoura Stream	From the confluence with the Mangatukutuku Stream at approx. NZMS 260 S18:174-761 to source
	Upper and Lower Ongarue (Whai 2f and Whai 2g)	Ongarue River	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:087-736 to source
	Lower Ongarue (Whai 2g)	Mangakahu Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:087-736 to source
		Otataka Stream	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:182-701 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18143:729 to source
		Kakimotu Stream	From the confluence with the Mangakahu Stream at approx. NZMS 260 S18:140-729 to source
		Uepango Stream	From the confluence with the Ongarue River at approx. NZMS 260 S18:053-683 to source
		Taringamotu River	From the confluence with the Ongarue River at approx. NZMS 260 S18:047-582 to source
		Unnamed Tributary of the Taringamotu River	From the confluence with the Taringamotu River at approx. NZMS 260 S18:243-631 to source
Unnamed Tributary of the Taringamotu River		From the confluence with the Taringamotu River at approx. NZMS 260 S18:229-618 to source	

Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference Locality Description
		Tutaeti Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:205-598 to source
		Maraetohu Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:190-593 <u>to source</u>
		Unnamed Tributary of the Taringamotu River	From the confluence with the Taringamotu River at approx. NZMS 260 S18:154-611 to source
		Wharariki Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:143-613 to source
		Upokomatu Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:110-626 to source
		Te Tomo Stream	From the confluence of the Upokomatu Stream at approx. NZMS 260 S18:157-664 to source
		Piawa Stream	From the confluence of the Upokomatu Stream at approx. NZMS 260 S18:115-635 to source
		Ngakonui Stream	From the confluence with the Taringamotu River at approx. NZMS 260 S18:101-622 <u>to source</u>
Middle Whanganui	Retaruke (Whai_4d)	Retaruke River	From the confluence with the Kaitieke Stream at approx. NZMS 260 S19:041-326 to source
Pipiriki	Upper, Middle and Lower Manganui O Te Ao (Whai_5d, Whai_5g and Whai_5i)	Manganui O Te Ao River	From the confluence with the Whanganui River at approx. NZMS 260 R20:860-979 to source
	Upper Manganui O Te Ao Makatote (Whai_5e)	Makatote River	From the confluence with the Manganui O Te Ao River at approx. NZMS 260 S20:128-119 to <u>approx. NZMS 260 S20:201-129</u>
	Lower Manganui O Te Ao Orautoha (Whai_5j)	Orautoha Stream	From the confluence with the Manganui O Te Ao River at approx. NZMS 260 S20:026-067 to approx. <u>NZMS 260 S20:156-063</u>

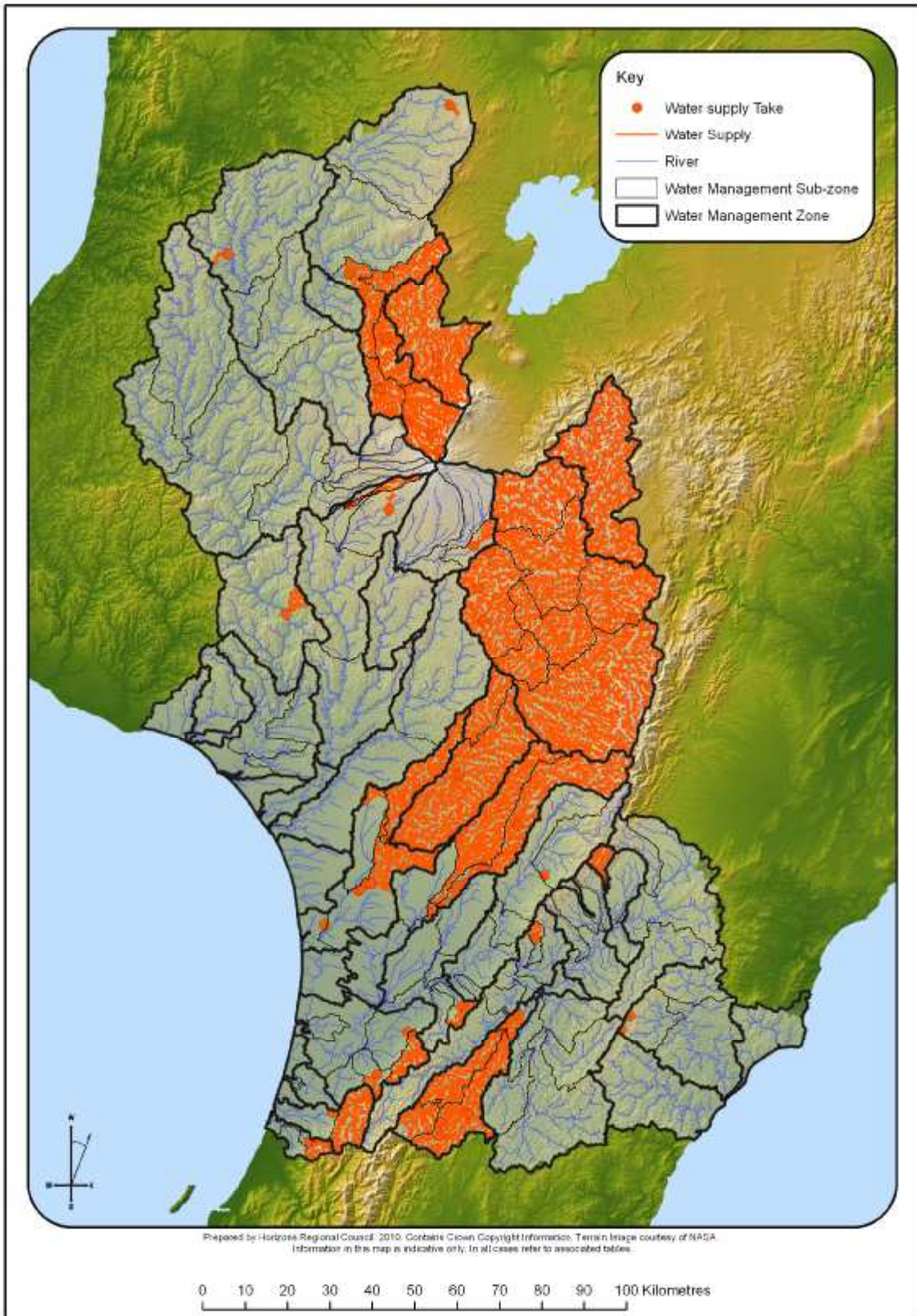
Table Ba.20: Trout Spawning Value in the Region

Management Zone	Sub-zone	River/Stream Name	Reference-Locality Description
Upper Whangaehu	Waitangi (<u>Whau_1b</u>)	Waitangi Stream and Tributaries	From the confluence with the Whangaehu River at approx. NZMS 260 T21:315-888 to source
	Tokiahuru (<u>Whau_1c</u>)	Omarae Stream	From <u>the</u> confluence with the Waitaiki Stream at approx. NZMS 260 S20:265-921 to source
		Waitaiki Stream	From <u>the</u> confluence with the Tokiahuru Stream at approx. NZMS 260 S21:235-880 to approx. <u>NZMS 260 S20:273-929</u>
		Tokiahuru Stream	From the confluence with the Whangaehu River at approx. NZMS 260 S21:218-865 to approx. <u>NZMS 260 T20:334-956</u>
Lower Whangaehu	<u>Upper Makotuku, and Lower Makotuku and Makara (Whau_3b, Whau_3c and Whau_3f)</u>	Makotuku River and Tributaries including Makara Stream and tributaries	From the confluence with the Mangawhero River at approx. NZMS 260 S20:079-902 to source
	Upper Mangawhero (<u>Whau_3d</u>)	Mangawhero River	From the confluence with the Makotuku River at approx. NZMS 260 S20:079-902 to source
		Mangateitei Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S20:158-961 to source
		Taonui Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S20:121-956 to approx. <u>NZMS 260 S20:159-020</u>
Makaranui Stream	From the confluence with the Mangawhero River at approx. NZMS 260 S20:116-953 to approx. <u>NZMS 260 S20:165-932</u>		
Ohau River	Upper Ohau (<u>Ohau_1a</u>)	Makahika Stream and Tributaries	From the confluence with the Ohau River at approx. NZMS 260 S25:090-585 to source
		Makaretu Stream and Tributaries	From the confluence with the Ohau River at approx. NZMS 260 S25:083-579 to source
	Lower Ohau (<u>Ohau_1b</u>)	Makorokio Stream and Tributaries	From the confluence with Ohau River at approx. NZMS 260 S25:018-563 to source



Map D-19 Location of Existing Surface Water Takes for ū and Upstream Water bodies in the Manawatu-Wanganui Region

Water^ Supply Value



Map-D-19 Ba:21 Visual guide to the Location of Existing Surface Water Takes for Water^ Supply (WS) Value and Upstream Water bodies in the Manawatu-Wanganui Region

Table D.13: Location of Existing Surface Water Takes for Water Supply in the Manawatu—Wanganui Region

Table Ba.21: <i>Water</i> [^] Supply values in the Manawatu-Wanganui Region					
Management Zone	Sub-zone	River [^]	Description	<i>Water</i> [^] Supply	
Upper Manawatu	Upper Manawatu	Manawatu River	Including all tributaries upstream of a point at approx. NZMS 260 U23:821-240		
Weber Tamaki	Weber Tamaki	Manawatu River	Including all tributaries upstream of a point at approx. NZMS 260 U23:726-013		
Upper Tamaki (<u>Mana 3</u>)	Upper Tamaki (<u>Mana 3</u>)	Tamaki River	Including all tributaries upstream of a point at approx. NZMS 260 U23:709-114	Dannevirke	
Tiraumea	Upper Tiraumea	Hirinakitu Stream	Including all tributaries upstream of a point at approx. NZMS 260 T25:577-627		
Mangatainoka (<u>Mana 8</u>)	Upper Mangatainoka (<u>Mana 8a</u>)	Mangatainoka River and tributaries	From Larsons Road at approx. NZMS 260 T25:308-595 to source	Pahiatua	
	Middle Mangatainoka (<u>Mana 8b</u>)	Mangatainoka River and tributaries	Including all tributaries upstream of a point at approx. NZMS 260 T24:441-746-From the Makakahi confluence at approx. NZMS 260 T24:475-775 to source	Pahiatua	
	Lower Mangatainoka (<u>Mana 8c</u>)	Mangatainoka River and tributaries	Including all tributaries upstream of a point at approx. NZMS 260 T24:504-808-From a point at approx. NZMS 260 T24:504-808 to source	Pahiatua	
	Makakahi (<u>Mana 8d</u>)		Makakahi River and tributaries	From the confluence with the Mangatainoka River at approx. NZMS 260 T24:475-775 to source	Pahiatua
				Including all tributaries upstream of From a point at approx. NZMS 260 T25:318-520 to source	Eketahuna, Pleckville and Pahiatua
				Including all tributaries upstream of a point at approx. NZMS 260 T25:317-554	
				Including all tributaries upstream of From a point at approx. NZMS 260 T25:384-572 to source	Pleckville and Pahiatua
	Bruce Stream		Including all tributaries upstream of a point at approx. NZMS 260 T25:328-504		
Upper Gorge (<u>Mana 9</u>)	Mangapapa (<u>Mana 9b</u>)	Mangapapa Stream and tributaries	Including all tributaries upstream of-From a point at approx. NZMS 260 T24:543-986 to source	Dannevirke	
Middle Manawatu (<u>Mana 10</u>)	Middle Manawatu	Manawatu River	Including all tributaries upstream of a point at approx. NZMS 260 T24:394-937		
	Middle Pohangina	Pohangina River	Including all tributaries upstream of a point at approx. NZMS 260 T23:507-063		
		Highland Home Christian Camp Stream and tributaries	From a point at approx. NZMS 260 T24:564-137 to source	Highland home Christian Camp	
	Lower Pohangina	Pohangina River	Including all tributaries upstream of a point at approx. NZMS 260 T23:455-042		
Lower Manawatu (<u>Mana 11</u>)	Turitea (<u>Mana 11b</u>)	Turitea Stream and tributaries	Including all tributaries upstream of a point at approx. NZMS 260 T24:314-875		
			Including all tributaries upstream of-From a point at approx. NZMS 260 T25:368-827 to source	Palmerston North	

Table Ba.21: *Water*[^] Supply values in the Manawatu-Wanganui Region

Management Zone	Sub_zone	River [^]	Description	<i>Water</i> [^] Supply
Oroua (<u>Mana_12</u>)	Upper Oroua (<u>Mana_12a</u>)	Oroua River and tributaries	From Almadale at approx. NZMS 260 T23:365-113 to source	<u>Manawatu Beef Packers</u>
			Including all tributaries upstream of From a point at approx. NZMS 260 T23:502-254 to source	<u>Kiwitea, Feilding, Oroua No. 1 and Manawatu Beef Packers</u>
			Including all tributaries upstream of From a point at approx. NZMS 260 T23:422-156 to source	<u>Feilding, Oroua No. 1 and Manawatu Beef Packers</u>
			Including all tributaries upstream of From a point at approx. NZMS 260 T23:364-113 to source	<u>Oroua No. 1 and Manawatu Beef Packers</u>
	Middle Oroua (<u>Mana_12b</u>)	Oroua River and tributaries	From approx. NZMS 260 S23:297-045 to source	<u>Manawatu Beef Packers</u>
	Kiwitea (<u>Mana_12d</u>)	Kiwitea Stream and tributaries	From the confluence with the Oroua River at approx. NZMS 260 S24:167-826 to source	<u>Manawatu Beef Packers</u>
	Kiwitea Stream and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 T23:369-239 to source	<u>Waituna West and Manawatu Beef Packers</u>	
Coastal Manawatu (<u>Mana_13</u>)	Coastal Manawatu	Manawatu River	Including all tributaries upstream of a point at approx. NZMS 260 S24:134-726	
	Lower Tokomaru (<u>Mana_13c</u>)	Tokomaru River and tributaries	Including all tributaries upstream of a point at approx. NZMS 260 S24:242-767	<u>Tokomaru</u>
			Including all tributaries upstream of a point at approx. NZMS 260 S24:138-726	
Mangaore (<u>Mana_13d</u>)	Mangaore Stream and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 S25:170-665	<u>Shannon</u>	
Upper Rangitikei (<u>Rang_1</u>)	Upper Rangitikei (<u>Rang_1</u>)	Rangitikei River and tributaries	From the Makahikatoa Stream confluence at approx. NZMS 260 U21:726-888 to source	<u>Mangaweka, Hunterville, Halcombe –Stanway, Sanson, Bulls and Ohakea.</u>

Table Ba.21: *Water*[^] Supply values in the Manawatu-Wanganui Region

Management Zone	Sub_zone	River [^]	Description	<i>Water</i> [^] Supply
Middle Rangitikei (Rang_2)	Middle Rangitikei (Rang_2a)	Rangitikei River and tributaries	<u>From Pukeokahu at approx. NZMS 260 U21:713-708 to source</u>	<u>Mangaweka, Hunterville, Halcombe –Stanway, Sanson, Bulls and Ohakea</u>
		Reporoa Stream and tributaries	<u>From a point at approx. NZMS 260: U21:774-740</u>	<u>Erewhon rural, Mangaweka, Hunterville, Halcombe-Stanway, Sanson, Bulls and Ohakea</u>
	Pukeokahu – Mangaweka (Rang_2b)	Rangitikei River and tributaries	<u>From Mangaweka at approx. NZMS 260 T22:504-513 to source</u>	<u>Mangaweka, Hunterville, Halcombe –Stanway, Sanson, Bulls and Ohakea</u>
		Makino Stream and tributaries	Including all tributaries upstream of <u>From a point at approx. NZMS 260 U22:707-589 to source</u>	<u>Omatane, Mangaweka, Hunterville, Halcombe –Stanway, Sanson, Bulls and Ohakea</u>
	Upper Hautapu (Rang_2f)	Hautapu River	<u>From Taihape at approx. NZMS 260 T21:506-670 to source</u>	<u>Mangaweka, Hunterville, Halcombe –Stanway, Sanson, Bulls and Ohakea</u>
			Including all tributaries upstream of <u>From a point at approx. NZMS 260 T21:407-811 to source</u>	<u>Irirangi, Taihape, Mangaweka, Hunterville, Halcombe - Stanway, Sanson, Lake Alice, Bulls and Ohakea</u>

Table Ba.21: *Water*[^] Supply values in the Manawatu-Wanganui Region

Management Zone	Sub_zone	River [^]	Description	<i>Water</i> [^] Supply
			Including all tributaries upstream of From a point at approx. NZMS 260 T21:420-738 to <u>source</u>	<u>Taihape, Mangaweka, Hunterville, Halcombe - Stanway, Sanson, Lake Alice, Bulls and Ohakea</u>
		Waiouru Stream	Including all tributaries upstream of From a point at approx. NZMS 260 T21:435-896 to <u>source</u>	<u>Waiouru, Irirangi, Taihape, Mangaweka, Hunterville, Halcombe - Stanway, Sanson, Lake Alice, Bulls and Ohakea</u>
	Lower Hautapu (Rang_2g)	<u>Hautapu River and tributaries</u>	From the confluence with the Rangitikei River at approx. NZMS 260 T22:529-574 to source	<u>Mangaweka, Hunterville, Halcombe - Stanway, Sanson, Bulls and Ohakea</u>
		Reporoa Stream	Including all tributaries upstream of a point at approx. NZMS 260 T21:509-655	
Lower Rangitikei	Lower Rangitikei (Rang_3a)	<u>Rangitikei River and tributaries</u>	From Onepuhi at approx. NZMS 260 S23:201-222 to source	<u>Halcombe - Stanway, Sanson, Bulls and Ohakea</u>
			Including all tributaries upstream of a point at approx. NZMS 260 T22:504-512	
			Including all tributaries upstream of a point at approx. NZMS 260 T22:332-324	
			Including all tributaries upstream of From a point at approx. NZMS 260 T22:360-372 to <u>source</u>	<u>Hunterville, Halcombe - Stanway, Sanson, Bulls and Ohakea</u>
			Including all tributaries upstream of a point at approx. NZMS 260 T22:301-330	
	Including all tributaries upstream of a point at approx. NZMS 260 S22:272-299			
	<u>Makohine (Rang_3b)</u>	<u>Makohine Stream and Tributaries</u>	From the confluence with the Rangitikei River at approx. NZMS 260 T22:400-443 to source	<u>Hunterville, Halcombe - Stanway, Sanson, Bulls and Ohakea</u>

Table Ba.21: *Water*[^] Supply values in the Manawatu-Wanganui Region

Management Zone	Sub_zone	River [^]	Description	<i>Water</i> [^] Supply
Coastal Rangitikei	Coastal Rangitikei (Rang. 4a)	Rangitikei River	Including all tributaries upstream of <u>From a point at approx. NZMS 260 S23:198-221 to source</u>	<u>Halcombe – Stanway,, Sanson, Bulls and Ohakea</u>
			Including all tributaries upstream of <u>From a point at approx. NZMS 260 S23:154-118 to source</u>	<u>Sanson, Bulls and Ohakea</u>
			Including all tributaries upstream of <u>a point at approx. NZMS 260 S23:145-115</u>	
			Including all tributaries upstream of <u>From of a point at approx. NZMS 260 S23:132-105 to source</u>	<u>Bulls and Ohakea</u>
			Including all tributaries upstream of <u>From a point at approx. NZMS 260 S23:125-099 to source</u>	<u>Ohakea</u>
	Tidal Rangitikei (Rang. 4b)	Flockhouse Drain No 1	Including all tributaries upstream of <u>From a point at approx. NZMS 260 S23:045-019 to source</u>	<u>Flockhouse</u>
	Porewa (Rang. 4c)	Porewa Stream at tributaries	From the Rangitikei confluence at approx. NZMS 260 S24:033-985 to source	<u>Sanson, Bulls and Ohakea</u>
Tutaenui (Rang. 4d)	Tutaenui Stream and tributaries	Including all tributaries upstream of <u>From a point at approx. NZMS 260 S22:144-137 to source</u>	<u>Marton</u>	
Upper Whanganui	Upper Whanganui (Whai. 1)	Whanganui River and tributaries	From the Whakapapa confluence at approx. NZMS 260 S19:189-499 to source	<u>Piriaka and Taumarunui</u>
		Te Whaiiau Stream	Including all tributaries upstream of <u>a point at approx. NZMS 260 T19:357-369</u>	
		Mangatepopo Stream and tributaries	Including all tributaries upstream of <u>From a point at approx. NZMS 260 T19:313-361 369 to source</u>	<u>Taurewa Outdoor Pursuits Centre, Piriaka and Taumarunui</u>
		Tawahitikuri Stream and tributaries	From a point at approx. NZMS 260 T19:309-326 to source	<u>Taurewa Camp, Piriaka and Taumarunui</u>
Cherry Grove (Whai. 2)	Cherry Grove (Whai. 2a)	Whanganui River	Including all tributaries upstream of <u>From a point at approx. NZMS 260 S18:130-504 S18:134-506 to source</u>	<u>Piriaka and Taumarunui</u>
			Including all tributaries upstream of <u>From a point at approx. NZMS 260 S18:102-556 to source</u>	<u>Taumarunui</u>
	Upper Whakapapa (Whai. 2b)	Whakapapa River and tributaries	From footbridge at approx. NZMS 260 S19:226-293 to source	<u>Piriaka and Taumarunui</u>
		Makahikatoa Stream and tributaries	Including all tributaries upstream of <u>a point at approx. NZMS 260 T20:316-138</u>	
			Including all tributaries upstream of <u>From a point at approx. NZMS 260 T20:300-177 to source</u>	<u>Whakapapa Village, Piriaka and Taumarunui</u>
Waipuna Stream	Including all tributaries upstream of <u>a point at approx. NZMS 260 S20:299-162</u>			

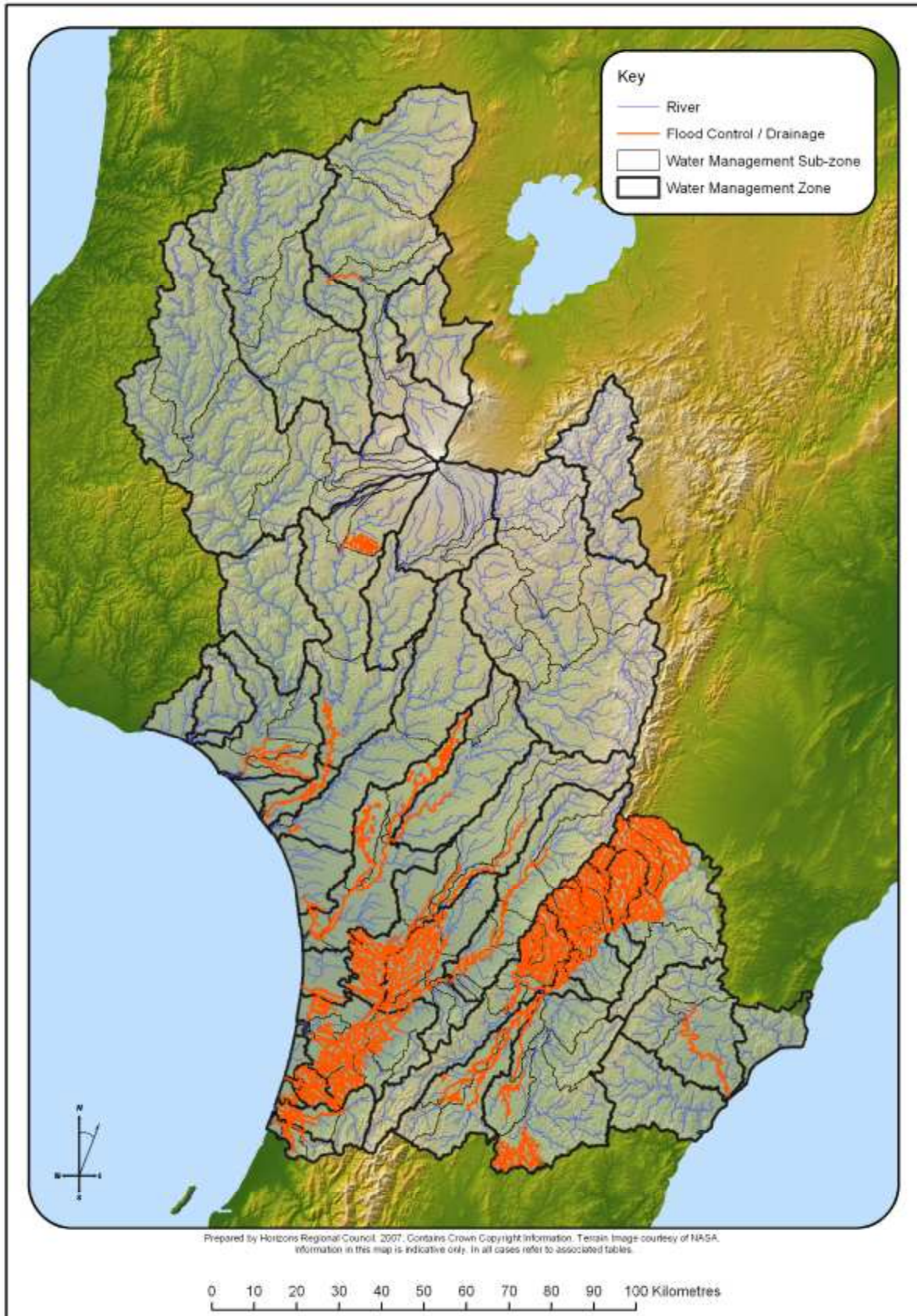
Table Ba.21: *Water*[^] Supply values in the Manawatu-Wanganui Region

Management Zone	Sub_zone	River [^]	Description	<i>Water</i> [^] Supply
		Mangahua Stream and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 S19:236-205 to source	National Park, Piriaka and Taumarunui
	Lower Whakapapa (Whai_2c)	Whakapapa River	Including all tributaries upstream of a point at approx. NZMS 260 S19:190-402 From the Whanganui confluence at approx. NZMS 260 S19:189-499 to source	Piriaka and Taumarunui
		Deep Creek and tributaries	From a point at approx. NZMS 260 S19:190-402 to source	Owhanga, Piriaka and Taumarunui
	Piopioptea (Whai_2d)	Piopioptea Stream	From the confluence with the Whakapapa River at approx. NZMS 260 S19:174-356 to source	Piriaka and Taumarunui
			Including all tributaries upstream of From a point at approx. NZMS 260 S19:178-283 to source	Raurimu, Piriaka and Taumarunui
		Makaretu Stream and tributaries	From a point at approx. NZMS 260 S19:172-285 to source	Raurimu, Piriaka and Taumarunui
	Pungapunga (Whai_2e)	Pungapunga River and Tributaries	From the Whanganui confluence at approx. NZSM 260 S18:124-156 to source	Taumarunui
		From a point at approx. NZMS 260 S18:197-550 to source	Ngapuke School	
Upper Ongarue (Whai_2f)	Whareana Stream and tributaries	From a point at approx. NZMS 260 T17:340-954	Pureora	
Middle Whanganui (Whai_4)	Upper Ohura (Whai_4b)	Mangaparare Stream and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 R18:817-602 to source	Ohura
Paetawa (Whai_5)	Paetawa (Whai_5)	Motuaruhe Stream and tributaries	From a point at approx. NZMS 260 S21:955-752 to source	Matahiwi
Upper Whangaehu (Whau_1)	Waitangi (Whau_1b)	Waitangi Stream and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 T20:397-914 to source	Waiouru Army Camp
Lower Whangaehu (Whau_3)	Upper Makotuku (Whau_3b)	Makotuku River and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 S20:103-012914 to source	Raetihi
	Upper Mangawhero (Whau_3d)	Mangawhero River-Serpentine Stream and tributaries	Including all tributaries upstream of From a point at approx. NZMS 260 S20:198-999 to source	Ohakune
Ohau (Ohau_1)	Upper Ohau (Ohau_1a)	Ohau River	Including all tributaries upstream of a point at approx. NZMS 260 S25:077-580 From Rongomatane at approx. NZMS 260 S25:072-577 to source	Levin
	Lower Ohau (Ohau_1b)	Ohau River	Including all tributaries upstream of From a point at approx. NZMS 260 S25:064-577 to source	Levin
Including all tributaries upstream of a point at approx. NZMS 260 S25:066-578				
Akitio (Akit_1)	Waihi (Akit_1c)	Waihi Stream	Including all tributaries upstream of a point at approx. NZMS 260 U24:746-771	
			Including all tributaries upstream of a point at approx. NZMS 260 U24:743-768	

Table Ba.21: *Water*[^] Supply values in the Manawatu-Wanganui Region

Management Zone	Sub_zone	River [^]	Description	<i>Water</i> [^] Supply
		<u>Puketoi Range Stream and tributaries</u>	<u>From a point at approx. NZMS 260 U24:746-771 to source</u>	<u>Pongaroa</u>
		<u>Waipuehu Stream tributary and tributaries</u>	Including all tributaries upstream of <u>From a point at approx. NZMS 260 U24:766-804 to source</u>	<u>Pongaroa</u>
<u>Kai Iwi</u>	<u>Kai Iwi</u>	<u>Karamu Stream</u>	<u>Including all tributaries upstream of a point at approx. NZMS 260 R22:781-543</u>	
<u>Kaitoke Lakes</u>	<u>Kaitoke Lakes</u>	<u>Lake Kaitoke</u>	<u>Including all tributaries upstream of a point at approx. NZMS 260 R22:897-361</u>	
<u>Waikawa (West_9)</u>	<u>Waikawa (West_9a)</u>	<u>Waikawa Stream</u>	<u>Including all tributaries upstream of a point at approx. NZMS 260 S25:009-506</u>	<u>G A Martin</u>
			<u>Including all tributaries upstream of a point at approx. NZMS 260 S25:997-514</u>	
			<u>Including all tributaries upstream of a point at approx. NZMS 260 S25:998-531</u>	

Flood Control and Drainage Values (FC/D)



Map Ba:22 Visual Guide to the distribution of the Flood Control and Drainage (FC/D) Values in *water bodies** across the Region

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
<u>Upper Manawatu, Weber –Tamaki, Tamaki-Hopelands,</u>	<u>Upper Manawatu, Weber -Tamaki, Tamaki-Hopelands, Mangatoro (Mana 1a, Mana 1c, Mana 2a, and Mana 5a)</u>	<u>Manawatu River</u>	<u>From approx. NZMS 260 T24:693-984 to approx. NZMS 260 U23:865-229</u>	<u>Eastern Manawatu South East Ruahine</u>
<u>Upper Manawatu, Weber –Tamaki, Upper Tamaki, Upper Kumeti, Tamaki-Hopelands, Upper Gorge,</u>	<u>Upper Manawatu, Mangatewanui, Mangatera, Lower and Upper Tamaki, Lower and Upper Kumeti, Oruakeretaki, Raparapawai, Managapapa, Mangaatua (Mana 1a, Mana 1b, Mana 2b, Mana 3, Mana 4, Mana 5b, Mana 5c, Mana 5d, Mana 5e, Mana 6, Mana 9b, and Mana 9c)</u>	<u>Manawatu River and all tributaries on the true right</u>	<u>The Manawatu River from the Manawatu Gorge at approx. NZMS 260 T24:496-926 to source, and all tributaries on the true right of this reach from their confluence with the Manawatu River to source / Manawatu-Wanganui Regional Boundary.</u>	<u>Upper Manawatu South East Ruahine</u>
<u>Tamaki-Hopelands, Hopelands – Tiraumea, Upper Gorge</u>	<u>Tamaki-Hopelands, Hopelands – Tiraumea, Upper Gorge (Mana 5a, Mana 6 and Mana 9a)</u>	<u>Manawatu River</u>	<u>From approx. NZMS 260 T24:496-926 to approx. NZMS 260 T24:693-984</u>	<u>Upper Manawatu South East Ruahine</u>
<u>Tamaki-Hopelands, Hopelands – Tiraumea</u>	<u>Tamaki-Hopelands, Hopelands – Tiraumea (Mana 5a, and Mana 6)</u>	<u>Armistead Drain 31</u>	<u>From approx. NZMS 260 T24:613-896 to approx. NZMS 260 T24:610-906</u>	<u>Upper Manawatu</u>
<u>Hopelands – Tiraumea</u>	<u>Hopelands – Tiraumea (Mana 6)</u>	<u>Murphy Drain 29</u>	<u>From approx. NZMS 260 T24:600-885 to approx. NZMS 260 T24:607-896</u>	<u>Upper Manawatu</u>
		<u>Jackson and Murphy Drain 28</u>	<u>From approx. NZMS 260 T24:600-889 to approx. NZMS 260 T24:607-909</u>	<u>Upper Manawatu</u>
		<u>Armistead and Jackson Drain 30</u>	<u>From approx. NZMS 260 T24:599-890 to approx. NZMS 260 T24:603-896</u>	<u>Upper Manawatu</u>
<u>Tiraumea</u>	<u>Upper Tiraumea (Mana 7a)</u>	<u>Ihurua River and tributaries</u>	<u>From approx. NZMS 260 T25:576-547 to source / Manawatu-Wanganui Regional Boundary</u>	<u>Ihurua</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River^	Locality Description	Flood Control and/or Drainage Scheme
	<u>Mangaone River</u> (<u>Mana 7c</u>)	<u>Mangaone River</u>	From approx. NZMS 260 T25:514-666 to approx. NZMS 260 T25:452-616	<u>Mangaone - Tawataia</u>
		<u>Tawataia Creek</u>	From confluence with the Mangaone River at approx. NZMS 260 T25:471-637 to approx. NZMS 260 T25:470-563	<u>Mangaone - Tawataia</u>
		<u>Tawataia Mangaone Scheme Detention Dam</u>	100 metres upstream and downstream of approx. NZMS 260 T25:476-581	<u>Mangaone - Tawataia</u>
		<u>Schnell-Hislop Drain 141</u>	From confluence with the Tawataia Stream at approx. NZMS 260 T25:472-601 to source	<u>Mangaone - Tawataia</u>
		<u>Schnell-Cooper Drain 190</u>	From confluence with the Tawataia Stream at approx. NZMS 260 T25:466-612 to source	<u>Mangaone - Tawataia</u>
		<u>Rongomai Drain 10 (part)</u>	From approx. NZMS 260 T25:460-635 to approx. NZMS 260 T25:460-634	<u>Mangaone - Tawataia</u>
		<u>Rongomai Drain 10 (part)</u>	From confluence with the Mangaone River at approx. NZMS 260 T25:487-635 to approx. NZMS 260 T25:467-639 (south branch) and to approx. T25: 468-646 (north branch)	<u>Mangaone - Tawataia</u>
		<u>Rongomai Drain 10 (part)</u>	From approx. NZMS 260 T25:495-638 to approx. NZMS 260 T25:488-629	<u>Mangaone - Tawataia</u>
		<u>Cattle Creek Drain 10a</u>	From approx. NZMS 260 T25:479-635 to approx. NZMS 260 T25:479-614	<u>Mangaone - Tawataia</u>
		<u>Simpson Drain 136</u>	From confluence with the Mangaone River at approx. NZMS 260 T25:459-640 to approx. NZMS 260 T25:499-629 (east branch) and to approx. T25: 500-633 (west branch)	<u>Mangaone - Tawataia</u>
		<u>Evans Drain 120</u>	From approx. NZMS 260 T25:502-642 to approx. NZMS 260 T25:498-640	<u>Mangaone - Tawataia</u>
		<u>MWRC Drain 237</u>	From approx. NZMS 260 T25:472-571 to approx. NZMS 260 T25:470-571	<u>Mangaone - Tawataia</u>
	<u>Mangaramarama</u> (<u>Mana 7e</u>)	<u>Mangaramarama Creek</u>	From confluence with the Tiraumea River at approx. NZMS 260 T24:559-854 to approx. NZMS 260 T24:485-657	<u>Mangatainoka</u>
		<u>Mangaramarama Creek tributary</u>	From confluence with the Mangaramarama Creek at approx. NZMS 260 T24:525-790 to approx. NZMS 260 T24:529-782	<u>Mangatainoka</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
	<u>Mangaramarama and Lower Mangatainoka (Mana 7e and Mana 8c)</u>	<u>Mangaramarama Creek tributary and associated drains</u>	<u>From confluence with the Mangaramarama Creek at approx. NZMS 260 T24:548-836 to source</u>	<u>Mangatainoka</u>
<u>Mangatainoka</u>	<u>Lower, Middle and Upper Mangatainoka, Makakahi (Mana 8a, Mana 8b, and Mana 8c)</u>	<u>Mangatainoka River</u>	<u>From confluence with the Tiraumea River at approx. NZMS 260 T24:557-856 to approx. NZMS 260 T25:310-600</u>	<u>Mangatainoka</u>
	<u>Middle Mangatainoka (Mana 8b)</u>	<u>Mangatainoka River tributary and associated drains</u>	<u>From Nireaha Road bridge at approx. NZMS 260 T25:358-629 to source</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary and associated drains</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:369-654 to approx. NZMS 260 T25:364-643</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary Drain</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:377-652 to source</u>	<u>Mangatainoka</u>
		<u>Hukanui Stream tributary</u>	<u>From approx. NZMS 260 T25:390-677 to approx. NZMS 260 T25:308-673</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:406-697 to approx. NZMS 260 T25:390-685</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary and associated drains</u>	<u>From confluence with Mangatainoka River at approx. NZMS 260 T25:431-705 to source</u>	<u>Mangatainoka</u>
		<u>Mangamaire Stream</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T25:452-763 to approx. NZMS 260 T25:448-761</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary and associated drains</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T24:500-802 to source</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary and associated drains</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T24:512-815 to source</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary and associated drains</u>	<u>From approx. NZMS 260 T24:523-822 to source</u>	<u>Mangatainoka</u>
		<u>Mangatainoka River tributary and associated drains</u>	<u>From approx. NZMS 260 T24:528-813 to source</u>	<u>Mangatainoka</u>
<u>Mangaraupiu Stream tributary Drain and network</u>	<u>From confluence with the Mangaraupiu Stream at approx. NZMS 260 T25:325-660 to source</u>	<u>Mangatainoka</u>		

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
		<u>Mangaraupiu Stream tributary</u>	<u>From approx. NZMS 260 T25:329-666 to approx. NZMS T25:352-667</u>	<u>Mangatainoka</u>
		<u>Mangaraupiu Stream tributary</u>	<u>From approx. NZMS 260 T25:321-662 to approx. NZMS T25:319-661</u>	<u>Mangatainoka</u>
	<u>Lower Mangatainoka (Mana 8c)</u>	<u>Mangatainoka River tributary</u>	<u>From approx. NZMS 260 T24:541-840 to source</u>	<u>Mangatainoka</u>
	<u>Makakahi (Mana 8d)</u>	<u>Makakahi River</u>	<u>From confluence with the Mangatainoka River at approx. NZMS 260 T24:475-775 to approx. NZMS 260 T25:382-582</u>	<u>Mangatainoka</u>
		<u>Makakahi River tributary</u>	<u>From approx. NZMS 260 T25:370-600 to source</u>	<u>Mangatainoka</u>
		<u>Makakahi River tributary</u>	<u>From confluence with the Makakahi River at approx. NZMS 260 T25:418-670 to approx. NZMS 260 T25:400-653</u>	<u>Mangatainoka</u>
		<u>Makakahi River Tributary</u>	<u>From confluence with the Makakahi River at approx. NZMS 260 T25:419-674 to approx. NZMS 260 T25:400-669</u>	<u>Mangatainoka</u>
<u>Upper Gorge</u>	<u>Mangaatua (Mana 9c)</u>	<u>Owens Road Drain</u>	<u>From approx. NZMS 260 T24:502-923 to approx. NZMS 260 T24:500-908</u>	<u>Upper Manawatu</u>
		<u>Woodland Road Drain</u>	<u>From approx. NZMS 260 T24:506-913 to approx. NZMS 260 T24:518-904</u>	<u>Upper Manawatu</u>
	<u>Upper and Lower Mangahao (Mana 9d and Mana 9e)</u>	<u>Mangahao River</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:496-892 to approx. NZMS 260 T24:465-815</u>	<u>Upper Manawatu</u>
	<u>Lower Mangahao (Mana 9e)</u>	<u>Soldiers Road Drain network</u>	<u>From confluence with the Mangahao River at approx. NZMS 260 T24:487-835 to source</u>	<u>Upper Manawatu</u>
		<u>Ruawhata Drain Network (part)</u>	<u>From confluence with the Mangahao River at approx. NZMS 260 T24:494-876 to source</u>	<u>Upper Manawatu</u>
		<u>Ruawhata Drain Network (part)</u>	<u>From approx. NZMS 260 T24:500-874 to approx. NZMS 260 T24:503-864</u>	<u>Upper Manawatu</u>
		<u>Ruawhata Drain Network (part)</u>	<u>From approx. NZMS 260 T24:498-875 to approx. NZMS 260 T24:501-870</u>	<u>Upper Manawatu</u>
<u>Middle Manawatu</u>	<u>Middle Manawatu (Mana 10a)</u>	<u>Ashhurst Stream / Raukawa Road Drain</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:404-948 to approx. NZMS 260 T23:446-013</u>	<u>Ashhurst Lower Manawatu</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
		<u>Stoney Creek including Eagles and Whakarongo Drains</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:372-910 to approx. NZMS 260 T24:376-943 (Eagles) and to approx. NZMS 260 T24:376-931 (Whakarongo)</u>	<u>Lower Manawatu</u>
		<u>Goodman Badger Drain</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:384-927 to source</u>	<u>Lower Manawatu</u>
	<u>Upper, Middle and Lower Pohangina (Mana 10b, Mana 10c and Mana 10d)</u>	<u>Pohangina River</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 T24:449-966 to approx. NZMS 260 T23:569-200</u>	<u>Pohangina Oroua</u>
	<u>Middle Pohangina (Mana 10c)</u>	<u>Pratt Drain (drain H)</u>	<u>From approx. NZMS 260 T23:468-078 to approx. NZMS 260 T23:464-078</u>	<u>Pohangina Oroua</u>
		<u>Leamy Drain (drain J)</u>	<u>From approx. NZMS 260 T23:470-083 to approx. NZMS 260 T23:470-089</u>	<u>Pohangina Oroua</u>
		<u>Fairless Drain (drain K)</u>	<u>From approx. NZMS 260 T23:477-090 to approx. NZMS 260 T23:479-101</u>	<u>Pohangina Oroua</u>
	<u>Middle Pohangina (Mana 10c)</u>	<u>Carroll Drain (drain L)</u>	<u>From approx. NZMS 260 T23:486-103 to approx. NZMS 260 T23:496-107</u>	<u>Pohangina Oroua</u>
		<u>Caldwell Drain (drain M)</u>	<u>From approx. NZMS 260 T23:504-120 to approx. NZMS 260 T23:509-121</u>	<u>Pohangina Oroua</u>
		<u>Caldwell Drain (drain M)</u>	<u>From approx. NZMS 260 T23:504-120 to approx. NZMS 260 T23:509-121</u>	<u>Pohangina Oroua</u>
		<u>Kirk Drain (drains A and B)</u>	<u>From approx. NZMS 260 T24:449-973 to source</u>	<u>Pohangina Oroua</u>
		<u>Hepburn Drain (drain C)</u>	<u>From approx. NZMS 260 T24:453-985 to source</u>	<u>Pohangina Oroua</u>
		<u>Kirk Drain (drain D)</u>	<u>From approx. NZMS 260 T24:455-990 to source</u>	<u>Pohangina Oroua</u>
	<u>Lower Pohangina (Mana 10d)</u>	<u>Akers Drain (drain E)</u>	<u>From approx. NZMS 260 T24:462-997 to approx. NZMS 260 T24:464-005</u>	<u>Pohangina Oroua</u>
		<u>Jones-Edwards-Mai Drain (drain F)</u>	<u>From approx. NZMS 260 T24:458-040 to source</u>	<u>Pohangina Oroua</u>
		<u>McDonald Drain (drain G)</u>	<u>From approx. NZMS 260 T24:466-062 to source</u>	<u>Pohangina Oroua</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
<u>Middle, Lower, and Coastal, Manawatu</u>	<u>Middle, Lower and Coastal Manawatu (Mana 10a, Mana 11a and Mana 13a)</u>	<u>Manawatu River</u>	<u>From the cross-river CMA boundary at approx. NZMS 260 S24:009-766 to approx. NZMS 260 T24:440-960</u>	<u>Lower Manawatu</u>
<u>Lower Manawatu</u>	<u>Lower Manawatu (Mana 11a)</u>	<u>Manawatu River Tributary</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:219-830 to source</u>	<u>Manawatu</u>
		<u>Manawatu River Tributary</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:245-851 to source</u>	<u>Manawatu</u>
		<u>Manawatu River Tributary</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:254-849 to source</u>	<u>Manawatu</u>
		<u>Whitelocks Drain</u>	<u>From approx. NZMS 260 S24:227-824 to approx. NZMS 260 S24:170-724</u>	<u>Lower Manawatu</u>
		<u>Opiki Levee Bridge Blk No. 1</u>	<u>From approx. NZMS 260 S24:196-834 to approx. NZMS 260 S24:197-831</u>	<u>Lower Manawatu</u>
		<u>Opiki Levee Bridge Blk No. 2</u>	<u>From approx. NZMS 260 S24:203-830 to approx. NZMS 260 S24:197-832</u>	<u>Lower Manawatu</u>
		<u>Opiki Levee Bridge Blk No. 3</u>	<u>From approx. NZMS 260 S24:193-827 to approx. NZMS 260 S24:190-829</u>	<u>Lower Manawatu</u>
		<u>Terry Drain</u>	<u>From approx. NZMS 260 S24:184-831 to approx. NZMS 260 S24:183-825</u>	<u>Lower Manawatu</u>
		<u>MacAloons No. 2</u>	<u>From approx. NZMS 260 S24:172-824 to approx. NZMS 260 S24:174-823</u>	<u>Lower Manawatu</u>
		<u>MacAloons No. 1</u>	<u>From approx. NZMS 260 S24:163-826 to approx. NZMS 260 S24:168-824</u>	<u>Lower Manawatu</u>
		<u>Upper and Lower Mangaone Stream (Mana 11d and Mana 11e)</u>	<u>Mangaone Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:281-872 to approx. NZMS 260 T24:335-995</u>
<u>Upper Mangaone Stream (Mana 11d)</u>	<u>Mangaone Stream tributary</u>	<u>From confluence with the Mangaone Stream at approx. NZMS 260 T24:319-963 to source</u>	<u>Manawatu</u>	
	<u>Mangaone Stream tributary</u>	<u>From confluence with the Mangaone Stream at approx. NZMS 260 T24:322-967 to source</u>	<u>Manawatu</u>	

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
		<u>Mangaone Stream tributary</u>	<u>From confluence with the Mangaone Stream at approx. NZMS 260 T24:325-969 to source</u>	<u>Manawatu</u>
		<u>Mangaone Stream tributary</u>	<u>From confluence with the Mangaone Stream at approx. NZMS 260 T23:317-005 to source</u>	<u>Manawatu</u>
		<u>Darby Creek and Houghton Drain</u>	<u>From confluence with the Mangaone Stream at approx. NZMS 260 T24:325-978 to source</u>	<u>Lower Manawatu</u>
	<u>Main Drain (Mana_11f)</u>	<u>Main Drain and connected tributaries including drains</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:181-836 to source</u>	<u>Manawatu</u>
<u>Oroua</u>	<u>Upper Oroua (Mana_12a)</u>	<u>Oroua River</u>	<u>Oroua River from approx. NZMS 260 T23:330-070 to approx. NZMS 260 T23:518-270</u>	<u>Pohangina Oroua</u>
		<u>Paorangi Drain</u>	<u>From approx. NZMS 260 T23:375-131 to approx. NZMS 260 T23:359-112</u>	<u>Pohangina Oroua</u>
	<u>Middle and Lower Oroua, Kiwitea (Mana_12b, Mana_12c and Mana_12d)</u>	<u>Oroua River</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:165-826 to approx. NZMS 260 T23:308-067</u>	<u>Lower Manawatu</u>
	<u>Lower Oroua (Mana_12c)</u>	<u>Sluggish Creek and connected tributaries including drains</u>	<u>From confluence with the Oroua River at approx. NZMS 260 S24:176-843 to source</u>	<u>Te Kawau</u>
		<u>Oroua River tributary</u>	<u>From approx. NZMS 260 S24:149-846 to source</u>	<u>Te Kawau</u>
		<u>Blackmoor Drain</u>	<u>From approx. NZMS 260 S24:166-829 to source</u>	<u>Lower Manawatu</u>
	<u>Kiwitea (Mana_12d)</u>	<u>Kiwitea Stream</u>	<u>From confluence with the Oroua River at approx. NZMS 260 T23:308-067 to approx. NZMS 260 T23:310-073</u>	<u>Lower Manawatu</u>
			<u>From approx. NZMS 260 T23:310-073 to approx. NZMS 260 T23:358-162</u>	<u>Kiwitea</u>
	<u>Makino (Mana_12e)</u>	<u>Makino Stream</u>	<u>From confluence with the Oroua River at approx. NZMS 260 S23:243-006 to approx. NZMS 260 S23:289-082</u>	<u>Lower Manawatu</u>
	<u>Coastal Manawatu</u>	<u>Coastal Manawatu (Mana_13a)</u>	<u>Manawatu River tributary</u>	<u>From Foxton Beach Settlement at approx. NZMS 260 S24:001-797 to source</u>
<u>Tokomaru River tributary (drain)</u>			<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:143-729 to source</u>	<u>Makerua</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Sub-zone</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Flood Control and/or Drainage Scheme</u>
		<u>Seymours Oxbow Drain</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S26:134-162 to source</u>	<u>Makerua</u>
		<u>Manawatu River tributaries including drains</u>	<u>All drains situated between the Manawatu River and Moutoa Floodway, from their confluence with the Manawatu River to source</u>	<u>Moutoa</u>
		<u>Moutoa Floodway and tributaries including drains</u>	<u>From confluence with the Moutoa Floodway to source</u>	<u>Moutoa</u>
		<u>Manawatu River tributary</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:051-721 to source</u>	<u>Koputaroa</u>
		<u>Amon Drain</u>	<u>Amon Drain, from confluence with the Manawatu River at approx. NZMS 260 S24:064-717 to source</u>	<u>Koputaroa</u>
		<u>Manawatu River tributary</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:069-707 to source</u>	<u>Koputaroa</u>
		<u>Manawatu River tributary</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:093-711 to source</u>	<u>Koputaroa</u>
		<u>Manawatu River tributary Drain</u>	<u>From approx. NZMS 260 S24:158-822 to approx. NZMS 260 S24:164-824</u>	<u>Lower Manawatu</u>
		<u>Sargent Drain</u>	<u>From approx. NZMS 260 S24:156-819 to approx. NZMS 260 S24:151-813</u>	<u>Lower Manawatu</u>
		<u>Funell Drain</u>	<u>From approx. NZMS 260 S24:148-810 to approx. NZMS 260 S24:151-812</u>	<u>Lower Manawatu</u>
		<u>Funells No.1 Drain</u>	<u>From approx. NZMS 260 S24:143-804 to approx. NZMS 260 S24:143-803</u>	<u>Lower Manawatu</u>
		<u>Funells No.2 Drain</u>	<u>From approx. NZMS 260 S24:133-796 to approx. NZMS 260 S24:134-787</u>	<u>Lower Manawatu</u>
		<u>Funells No.3 Drain</u>	<u>From approx. NZMS 260 S24:119-786 to approx. NZMS 260 S24:123-786</u>	<u>Lower Manawatu</u>
		<u>Barnes Drain</u>	<u>From approx. NZMS 260 S24:108-781 to approx. NZMS 260 S24:114-784</u>	<u>Lower Manawatu</u>
		<u>Phillips Drain</u>	<u>From approx. NZMS 260 S24:114-774 to source</u>	<u>Lower Manawatu</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
	<u>Lower Tokomaru (Mana 13c)</u>	<u>Linton Drain and tributaries including drains</u>	<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:196-775, including all drains between Linton Drain and the Manawatu River to the west and all drains from Main Trunk Railway to the east as far upstream as Columbus Street (Linton) at approx. NZMS 260 S24:253-835</u>	<u>Makerua and Lower Manawatu</u>
		<u>Tokomaru River</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:134-727 to approx. NZMS 260 S24:222-771</u>	<u>Makerua and Lower Manawatu</u>
		<u>Mangaharakeikei Stream</u>	<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:186-755 to approx. NZMS 260 S24:203-749</u>	<u>Makerua</u>
		<u>Tokomaru River tributary</u>	<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:176-742 to source</u>	<u>Makerua</u>
		<u>Tokomaru River tributary</u>	<u>From confluence with the Tokomaru River at approx. NZMS 260 S24:180-747 to source</u>	<u>Makerua</u>
		<u>Kara Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:145-730 to approx. NZMS 260 S24:168-712</u>	<u>Lower Manawatu</u>
		<u>Kara Stream tributary (drain)</u>	<u>From confluence with the Kara Stream at approx. NZMS 260 S24:153-725 to source</u>	<u>Makerua</u>
		<u>Mangapuketea</u>	<u>From confluence with the Kara Stream at approx. NZMS 260 S24:160-720 to approx. NZMS 260 S24:178-724</u>	<u>Lower Manawatu</u>
	<u>Mangaore (Mana 13d)</u>	<u>Mangaore Stream</u>	<u>From confluence with the Manawatu River at approx. NZMS 260 S24:117-717 to approx. NZMS 260 S24:147-709</u>	<u>Lower Manawatu</u>
		<u>Mangaore Stream tributary</u>	<u>From confluence with the Mangaore Stream at approx. NZMS 260 S24:124-716 to source</u>	<u>Makerua</u>
		<u>Mangaore Stream tributary</u>	<u>From confluence with the Mangaore Stream at approx. NZMS 260 S24:126-716 to source</u>	<u>Koputaroa</u>
	<u>Koputaroa (Mana 13e)</u>	<u>Koputaroa Stream</u>	<u>Koputaroa Stream from confluence with the Manawatu River at approx. NZMS 260 S24:106-710 to source</u>	<u>Koputaroa</u>
	<u>Foxton Loop (Mana 13f)</u>	<u>Manawatu River tributary</u>	<u>From confluence with the Foxton Loop (Manawatu River) at approx. NZMS 260 S24:032-783 to source</u>	<u>Foxton East</u>
		<u>Manawatu River tributary</u>	<u>From confluence with Foxton Loop (Manawatu River) at approx. NZMS 260 S24:024-771 to source.</u>	<u>Whirikino</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
<u>Lower and Coastal Rangitikei</u>	<u>Lower, Coastal and Tidal Rangitikei (Rang_3a, Rang_4a and Rang_4b)</u>	<u>Rangitikei River</u>	<u>From the cross-river CMA boundary at approx. NZMS 260 S23:010-001 to approx. NZMS 260 T22:341-330</u>	<u>Rangitikei</u>
<u>Coastal Rangitikei</u>	<u>Coastal Rangitikei (Rang_4a)</u>	<u>Rangitikei River Tributary</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S23:046-006 to source.</u>	<u>Rangitikei</u>
		<u>Bulls Domain Drain and Racecourse Drain</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S23:130-103 to source</u>	<u>Tutaenui</u>
	<u>Tidal Rangitikei (Rang_4b)</u>	<u>Forest Road Wetland tributary</u>	<u>From approx. NZMS 260 S23:018-034 to source</u>	<u>Forest Road</u>
		<u>Forest Road Wetland tributary</u>	<u>From approx. NZMS 260 S23:022-036 to source</u>	<u>Forest Road</u>
		<u>Parewanui Drains and their tributaries</u>	<u>Five drains situated between Forest Road and Parewanui Road, from confluence with the Rangitikei River to source.</u>	<u>Rangitikei</u>
	<u>Porewa (Rang_4c)</u>	<u>Porewa Stream</u>	<u>From confluence with the Rangitikei River at approx. NZMS 260 S23:191-216 to source</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 29</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:301-371</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 39</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:226-301</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 42</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:240-361</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 43</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:242-364</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 44</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:256-356</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 45</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:249-379</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 46</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:269-374</u>	<u>Porewa</u>
<u>Porewa Scheme Detention Dam 54</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S22:279-363</u>	<u>Porewa</u>		

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Sub-zone</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Flood Control and/or Drainage Scheme</u>
		<u>Porewa Scheme Detention Dam</u> <u>62</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>T22:306-377</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>63</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>T22:312-388</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>64</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>T22:332-388</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>73</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>S22:296-386</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>75</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>S22:288-398</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>82</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>S22:315-415</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>83</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>T22:317-417</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>84</u>	<u>100 metres upstream and downstream of approx. NZMS 260</u> <u>T22:320-423</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>85</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:</u> <u>326-433</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>86</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:</u> <u>332-439</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>92</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:</u> <u>319-398</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>93</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:</u> <u>327-408</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>94</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:</u> <u>333-415</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>94A</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:</u> <u>333-416</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam</u> <u>95</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22:</u> <u>336-428</u>	<u>Porewa</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Sub-zone</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Flood Control and/or Drainage Scheme</u>
		<u>Porewa Scheme Detention Dam 96</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22: 339-432</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 97</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22: 342-446</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 98</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22: 354-454</u>	<u>Porewa</u>
		<u>Porewa Scheme Detention Dam 100</u>	<u>100 metres upstream and downstream of approx. NZMS 260 T22: 341-453</u>	<u>Porewa</u>
	<u>Tutaenui (Rang 4d)</u>	<u>Tutaenui Stream</u>	<u>From approx. NZMS 260 S23:100-093 to approx. NZMS 260 S23:146-296</u>	<u>Tutaenui</u>
		<u>Tutaenui Stream tributary</u>	<u>From confluence with the Tutaenui Stream at approx. NZMS 260 S23:133-212 to approx. NZMS 260 S23:136-227 (north arm) and approx. NZMS 260 S23:146-224 (east arm)</u>	<u>Tutaenui</u>
		<u>Tutaenui Stream tributary</u>	<u>From confluence with the Tutaenui Stream at approx. NZMS 260 S23:135-202 to approx. NZMS 260 S23:118-216</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E1</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:144-183</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E2</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:146-224</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E3</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:155-241</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E4</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:153-251</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E6</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:158-271</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E7</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:143-271</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E8</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:143-279</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E9</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:149-297</u>	<u>Tutaenui</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Sub-zone</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Flood Control and/or Drainage Scheme</u>
		<u>Tutaenui Scheme Detention Dam E10</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:165-302</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam E11</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:170-301</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W1</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:147-170</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W2</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:119-239</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W3</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:119-248</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W4</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:126-247</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W5</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:130-259</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W6</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:133-263</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W7</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:136-286</u>	<u>Tutaenui</u>
		<u>Tutaenui Scheme Detention Dam W8</u>	<u>100 metres upstream and downstream of approx. NZMS 260 S23:141-288</u>	<u>Tutaenui</u>
		<u>Hanratty Drain</u>	<u>From approx. NZMS 260 S23:122-119 to approx. NZMS 260 S23:130-127</u>	<u>Tutaenui</u>
		<u>Lower Tutaenui Overflow Channel</u>	<u>From approx. NZMS 260 S23:126-130 to approx. NZMS 260 S23:128-131</u>	<u>Tutaenui</u>
		<u>Tricker Drain</u>	<u>From approx. NZMS 260 S23:127-133 to approx. NZMS 260 S23:127-135</u>	<u>Tutaenui</u>
		<u>Marion West Stream</u>	<u>From approx. NZMS 260 S23:130-216 to approx. NZMS 260 S23:123-229</u>	<u>Tutaenui</u>
<u>Cherry Grove and Te Maire</u>	<u>Cherry Grove and Te Maire (Whai 2a and Whai 3)</u>	<u>Whanganui River</u>	<u>From approx. NZMS 260 S18:054-531 to approx. NZMS 260 S18:127-541</u>	<u>Upper Whanganui</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
Lower Whanganui	Lower Whanganui (Whai 7a)	Mateongaonga Stream	From confluence with the Whanganui River at approx. NZMS 260 R22:877-433 to confluence with Mangamoku Stream at approx. NZMS 260 S22:937-430	Matarawa
		Mangamoku Stream	From confluence with the Mateongaonga Stream at approx. NZMS 260 S22:937-430 to source	Matarawa
		Mateongaonga Stream Tributary	From confluence with Mateongaonga Stream at approx. NZMS 260 R22:889-426 to source	Matarawa
		Bardell Drain	From approx. NZMS 260 S22:913-403 to approx. NZMS 260 R22:893-410	Matarawa
	Coastal and Lower Whanganui (Whai 7a and Whai 7b)	Whanganui River	From the cross-river CMA boundary at approx. NZMS 260 R22:849-380 to approx. NZMS 206 S22:906-468	Lower Whanganui
	Matarawa (Whai 7d)	Matarawa Stream including detention dams	From approx. NZMS 260 R22:870-409 to approx. NZMS 260 S22:012-368	Matarawa
		Matarawa Stream tributary Detention Dam	100 metres upstream and downstream of approx. NZMS 260 S22:967-386	Matarawa
		Mangaone Stream	From confluence with the Matarawa Stream at approx. NZMS 260 R22:893-410 to approx. NZMS 260 S22:940-394	Matarawa
		Railway Drain	From approx. NZMS 260 S22:922-396 to approx. NZMS 260 S22:916-400	Matarawa
		Okoia Drain	From approx. NZMS 260 S22: 924-399 to approx. NZMS 260 S22:921-398	Matarawa
		Kaimatira Road Drain	From approx. NZMS 260 S22:901-420 to approx. NZMS 260 R22:890-420	Matarawa
		Mangaone Stream tributary Detention Dam	100 metres upstream and downstream of approx. NZMS 260 S22:953-403	Matarawa
		Kaukatea Stream including detention dams	From confluence with the Mangaone Stream at approx. NZMS 260 S22:919-399 to NZMS 260 S22:002-425	Matarawa
Kaukatea Stream tributary Detention Dam		100 metres upstream and downstream of approx. NZMS 260 S22:987-415	Matarawa	

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River [^]	Locality Description	Flood Control and/or Drainage Scheme
Lower Whangaehu	Lower Whangaehu (Whau_3a)	Whangaehu River	From approx. NZMS 260 S22:046-398 to approx. NZMS 260 S22:085-468	Whangaehu
		Mangawhero River	From confluence with the Whangaehu River at approx. NZMS 260 S22:066-471 to approx. NZMS 260 S22:041-550	Whangaehu
	Upper Mangawhero (Whau_3d)	Mangawhero River	From approx. NZMS 260 S20:080-903 to approx. NZMS 260 S20:113-947	Pakahi
		Mangahowhi Stream and detention dams	From confluence with the Mangawhero River at approx. NZMS 260 S20:092-922 to source	Pakahi
Coastal Whangaehu	Coastal Whangaehu (Whau_4)	Whangaehu River	From the cross-river CMA boundary at approx. NZMS 260 S23:903-287 to approx. NZMS 260 S22:046-398	Whangaehu
		Whangaehu River tributary	From confluence with the Whangaehu River at approx. NZMS 260 S22:988-319 to source	Hauui
	Coastal Whangaehu (Whau_4)	Whangaehu River tributary	From confluence with the Whangaehu River at approx. NZMS 260 S22:006-338 to source	Hauui
		Whangaehu River tributary	From confluence with the Whangaehu River at approx. NZMS 260 S22:009-341 to source	Hauui
Turakina	Lower Turakina (Tura_1)	Makirikiri Stream	From confluence with the Turakina River at approx. NZMS 260 S23:955-245 to approx. NZMS 260 S23:983-250	Makirikiri
		Makirikiri Stream tributary	From confluence with the Makirikiri Stream at approx. NZMS 260 S23:975-247 to approx. NZMS 260 S23:981-247	Makirikiri
		Makirikiri Stream tributary (drain)	From confluence with the Makirikiri Stream Tributary at approx. NZMS 260 S23:981-247 to confluence with Makirikiri Stream at approx. NZMS 260 S23:983-250	Makirikiri
Ohau	Upper and Lower Ohau (Ohau_1a and Ohau_1b)	Ohau River	From the cross-river CMA boundary at approx. NZMS 260 S25:930-595 to approx. NZMS 260 S25:097-586	Ohau Manakau
	Lower Ohau (Ohau_1a)	Kuku Stream	From confluence with the Ohau River at approx. NZMS 260 S25:946-580 to source	Ohau Manakau
		Lake Waitaha outlet stream	From confluence with the Ohau River at approx. NZMS 260 S25:946-580 to source	Ohau Manakau
		Haines Drain and tributaries	From confluence with the Ohau River at approx. NZMS 260 S25:952-578 to source	Ohau Manakau

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Sub-zone</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Flood Control and/or Drainage Scheme</u>
		<u>Parkin Drain and tributaries</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:960-582 to source</u>	<u>Ohau Manakau</u>
		<u>Burnell Drain and tributaries</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:963-585 to source</u>	<u>Ohau Manakau</u>
		<u>Catley Drain and tributaries</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:967-581 to source</u>	<u>Ohau Manakau</u>
		<u>Honore Drain and tributaries</u>	<u>From confluence with the Ohau River at approx. NZMS 260 S25:974-585 to source</u>	<u>Ohau Manakau</u>
<u>Akitio</u>	<u>Upper and Lower Akitio (Akit 1a and Akit 1b)</u>	<u>Akitio River</u>	<u>From the cross-river CMA boundary at approx. NZMS 260 U25:996-618 to approx. NZMS 260 U24:918-832</u>	<u>Akitio</u>
	<u>Lower Akitio (Akit 1b)</u>	<u>Wakawahine Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U25:985-658 to approx. NZMS 260 U25:985-660</u>	<u>Akitio</u>
		<u>Akitio River tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U25:982-658 to approx. NZMS 260 U25:980-657</u>	<u>Akitio</u>
		<u>Mangahewa Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U25:967-700 to approx. NZMS 260 U24:968-702</u>	<u>Akitio</u>
		<u>Akitio River tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U25:955-705 to approx. NZMS 260 U25:955-702</u>	<u>Akitio</u>
		<u>Akitio River tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U25:950-714 to approx. NZMS 260 U25:951-716</u>	<u>Akitio</u>
		<u>Mangahuia Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:932-706 to approx. NZMS 260 U24:932-704</u>	<u>Akitio</u>
		<u>Mangaone Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:929-713 to approx. NZMS 260 U24:929-711</u>	<u>Akitio</u>
		<u>Waihoru Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:907-722 to approx. NZMS 260 U24:906-723</u>	<u>Akitio</u>
		<u>Rakaupuhupuhi Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:913-762 to approx. NZMS 260 U24:914-763</u>	<u>Akitio</u>
		<u>Akitio River tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:889-761 to approx. NZMS 260 U24:888-760</u>	<u>Akitio</u>

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River^	Locality Description	Flood Control and/or Drainage Scheme
		<u>Makupara Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:881-767 to NZMS 260 U24:879-766</u>	<u>Akitio</u>
		<u>Akitio River tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:882-768 to approx. NZMS 260 U24:882-770</u>	<u>Akitio</u>
		<u>Akitio River tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:898-781 to approx. NZMS 260 U24:898-783</u>	<u>Akitio</u>
		<u>Akitio River tributary</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:888-788 to approx. NZMS 260 U24:887-790</u>	<u>Akitio</u>
		<u>Waihi River</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:895-802 to NZMS 260 U24:894-806</u>	<u>Akitio</u>
		<u>Table Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:910-812 to NZMS 260 U24:909-813</u>	<u>Akitio</u>
		<u>Tahuokaretu Stream</u>	<u>From confluence with the Akitio River at approx. NZMS 260 U24:913-817 to NZMS 260 U24:914-816</u>	<u>Akitio</u>
<u>Southern Whanganui Lakes</u>	<u>Southern Whanganui Lakes (West 5)</u>	<u>Raumai Range Stream tributary</u>	<u>From confluence with the Raumai Stream at approx. NZMS 260 S23:990-083 to source</u>	<u>Forest Road</u>
<u>Northern Manawatu Lakes</u>	<u>Northern Manawatu Lakes (West 6)</u>	<u>Coastal Lake Station Stream</u>	<u>From the cross-river CMA boundary at approx. NZMS 260 S24:989-875 to source</u>	<u>Himatangi</u>
<u>Lake Papaitonga</u>	<u>Lake Papaitonga (West 7)</u>	<u>Waiwiri Stream</u>	<u>From approx. NZMS 260 S25:939-619 to source</u>	<u>Ohau/Manakau</u>
<u>Waikawa</u>	<u>Waikawa (West 9a)</u>	<u>Waikawa Stream</u>	<u>From approx. NZMS 260 S25:921-561 to approx. NZMS 260 S26:994-119</u>	<u>Ohau/Manakau</u>
	<u>Manakau (West 9b)</u>	<u>Waikawa Stream tributary</u>	<u>From confluence with the Waikawa Stream at approx. NZMS 260 S26:994-119 to source</u>	<u>Ohau/Manakau</u>
		<u>Campbell Drain</u>	<u>From confluence with the Waikawa Stream at approx. NZMS 260 S26:942-548 to source</u>	<u>Ohau/Manakau</u>
		<u>Manakau Stream</u>	<u>From confluence with the Waikawa Stream at approx. NZMS 260 S25:946-549 to confluence with the Waiauti Stream at approx. NZMS 260 S25:966-508</u>	<u>Ohau/Manakau</u>
	<u>Waiauti Stream</u>	<u>From confluence with the Manakau Stream at approx. NZMS 260 S25:946-549 to source</u>	<u>Ohau/Manakau</u>	

Table Ba.22: Flood Control and Drainage Values in the Manawatu-Wanganui Region

<u>Management Zone</u>	<u>Sub-zone</u>	<u>River[^]</u>	<u>Locality Description</u>	<u>Flood Control and/or Drainage Scheme</u>
		<u>Manakau Stream tributary including drains</u>	<u>From confluence with the Manakau Stream at approx. NZMS 260 S25:947-546 to source</u>	<u>Ohau/Manakau</u>
		<u>Manakau Stream tributary including drains</u>	<u>From confluence with the Manakau Stream at approx. NZMS 260 S25:950-543 to source</u>	<u>Ohau/Manakau</u>
<u>Lake Horowhenua</u>	<u>Lake Horowhenua and Hokio (Hoki 1a and Hoki 1b)</u>	<u>Hokio Stream and tributaries (including drains)</u>	<u>Hokio Stream and tributaries, including tributaries of Lake Horowhenua, from the cross-river CMA boundary at approx. NZMS 260 S25:949-657 to source</u>	<u>Hokio</u>



Map D:20 Location of Existing Surface Water Takes for Industry in the Manawatu-Wanganui Region

Table D.14: Location of Existing Surface Water Takes for Industry in the Manawatu-Wanganui Region

Management Zone	Sub-zone	River	Description
Upper Manawatu	Upper Manawatu	Mangarangiara Stream	At approx. NZMS 260 U24:885-158
		Manawatu River	At approx. NZMS 260 U23:785-023
Tamaki Hopelands	Tamaki Hopelands	Manawatu River	At approx. NZMS 260 T23:678-003
	Lower Tamaki	Tamaki River	At approx. NZMS 260 U23:707-047
Mangatainoka	Middle Mangatainoka	Artificial Lake on Tutaekara Road	At approx. NZMS 260 T24:433-726
	Lower Mangatainoka	Mangatainoka River	At approx. NZMS 260 T24:533-831
			At approx. NZMS 260 T24:529-833
			At approx. NZMS 260 T24:500-801
Middle Manawatu	Middle Manawatu	Manawatu River	At approx. NZMS 260 T24:537-842
			At approx. NZMS 260 T24:395-936
			At approx. NZMS 260 T24:395-932
Lower Manawatu	Lower Manawatu	Manawatu River	At approx. NZMS 260 T24:359-924
			At approx. NZMS 260 T24:302-881
Oroua	Middle Oroua	Oroua River	At approx. NZMS 260 S23:298-049
Middle Rangitikei	Pukeokahu – Mangaweka	Rangitikei River	At approx. NZMS 260 T22:529-572
			At approx. NZMS 260 T22:528-573
Lower Rangitikei	Lower Rangitikei	Rangitikei River	At approx. NZMS 260 T22:386-427
Coastal Rangitikei	Coastal Rangitikei	Rangitikei River	At approx. NZMS 260 S23:184-182
			At approx. NZMS 260 S23:166-164
			At approx. NZMS 260 S23:167-123
			At approx. NZMS 260 S23:127-102
			At approx. NZMS 260 S23:124-105
			At approx. NZMS 260 S23:073-028
	Tutaenui	Tutaenui Stream	At approx. NZMS 260 S23:129-233
Cherry Grove	Cherry Grove	Whanganui River	At approx. NZMS 260 S18:167-502
	Upper Ongarue	Waimiha Stream	At approx. NZMS 260 S17:250-968
	Lower Ongarue	Taringamotu River	At approx. NZMS 260 S18:193-592
Pipiriki	Lower Manganui-O Te Ao	Hoihenga Stream	At approx. NZMS 260 S20:097-029
Lower Whanganui	Coastal Whanganui	Whanganui River	At approx. NZMS 260 R22:831-413
			At approx. NZMS 260 R22:798-378
Upper Whangaehu	Tokiahuru	Tokiahuru Stream	At approx. NZMS 260 S20:284-913
Lower Whangaehu	Upper Mangawhero	Mangawhero River	At approx. NZMS 260 S20:279-079
Northern Coastal	Northern Coastal	Okehu Stream	At approx. NZMS 260 R22:761-598



Map D:21 Location of Existing Surface Water Takes for Agricultural Use in the Manawatu-Wanganui Region

Table D.15: Location of Existing Surface Water Takes for Agricultural Use in the Manawatu-Wanganui Region








Management Zone	Sub-zone	River	Number of Consents	Description
Upper Manawatu	Upper Manawatu	Manawatu River	1	At approx. NZMS 260 U23:821-240
			1	At approx. NZMS 260 U23:873-220
	Mangatewainui	Mangatewainui Stream	1	At approx. NZMS 260 U23:870-145
			1	At approx. NZMS 260 U23:819-102
	Mangatoro	Mangatoro Stream	1	At approx. NZMS 260 U24:826-979
			1	At approx. NZMS 260 U24:831-985
1			At approx. NZMS 260 U24:838-997	
Weber Tamaki	Weber Tamaki	Manawatu River	1	At approx. NZMS 260 U23:726-020
	Mangatera	Whakaruatapu Stream	1	At approx. NZMS 260 U23:762-086
Upper Kumeti	Upper Kumeti	Kumeti Stream	1	At approx. NZMS 260 T23:669-048
Tamaki-Hopelands	Tamaki Hopelands	Manawatu River	1	At approx. NZMS 260 T24:646-928
			1	At approx. NZMS 260 T24:662-941
			1	At approx. NZMS 260 T24:691-999
			1	At approx. NZMS 260 T24:682-956
			1	At approx. NZMS 260 T24:623-912
			1	At approx. NZMS 260 T24:623-9142
	Lower Tamaki	Tamaki River	1	At approx. NZMS 260 U23:708-019
			1	At approx. NZMS 260 U23:710-036
	Lower Kumeti	Otamarahu Stream	1	At approx. NZMS 260 U23:704-007
		Kumeti Stream	1	At approx. NZMS 260 T23:656-067
	Oruakeretaki	Oruakeretaki Stream	1	At approx. NZMS 260 T23:656-028
			1	At approx. NZMS 260 T23:645-027
			1	At approx. NZMS 260 T23:659-031
			1	At approx. NZMS 260 T23:654-036
	Raparapawai	Raparapawai	1	At approx. NZMS 260 T24:656-979
			1	At approx. NZMS 260 T24:653-983
1			At approx. NZMS 260 T24:664-964	
1			At approx. NZMS 260 T24:664-956	
Hopelands-Tiraumea	Hopelands-Tiraumea	Manawatu River	1	At approx. NZMS 260 T24:613-891
			1	At approx. NZMS 260 T24:571-863
Tiraumea	Upper Tiraumea	Tiraumea River	1	At approx. NZMS 260 T24:541-731
		Black Creek	1	At approx. NZMS 260 T25:569-618
	Lower Tiraumea	Tiraumea River	1	At approx. NZMS 260 T24:566-848
			1	At approx. NZMS 260 T24:587-835
			2	At approx. NZMS 260 T24:553-859
Mangaone River	Black Creek	1	At approx. NZMS 260 T25:472-638	
Mangatainoka	Middle Mangatainoka	Mangatainoka River	1	At approx. NZMS 260 T25:362-645
			1	At approx. NZMS 260 T25:363-642
	Lower Mangatainoka	Mangatainoka River	1	At approx. NZMS 260 T24:548-855
		Avery Road Stream	1	At approx. NZMS 260 T24:485-796
	Mangaramarama	Mangaramarama Creek	1	At approx. NZMS 260 T24:490-808
			1	At approx. NZMS 260 T24:545-832
Upper Gorge	Upper Gorge	Manawatu River	1	At approx. NZMS 260 T24:532-872
			1	At approx. NZMS 260 T24:517-882
			1	At approx. NZMS 260 T24:520-876
			1	At approx. NZMS 260 T24:527-869
	Lower Mangahao	Mangahao River	1	At approx. NZMS 260 T24:488-870
Middle Manawatu	Middle Manawatu	Manawatu River	1	At approx. NZMS 260 T24:379-925
			1	At approx. NZMS 260 T24:439-957
			1	At approx. NZMS 260 T24:345-916
	Middle Pohangina	Pohangina River	1	At approx. NZMS 260 T23:465-050

Management Zone	Sub-zone	River	Number of Consents	Description
	Lower Pohangina	Pohangina River	1	At approx. NZMS 260 T23:501-115
			1	At approx. NZMS 260 T23:475-077
			1	At approx. NZMS 260 T23:463-054
			1	At approx. NZMS 260 T24:455-989
			1	At approx. NZMS 260 T23:459-014
Lower Manawatu	Lower Manawatu	Manawatu River	1	At approx. NZMS 260 S24:202-830
			1	At approx. NZMS 260 S24:170-823
	Kahuterawa	Kahuterawa Stream	1	At approx. NZMS 260 T24:311-831
		Kara-Creek	1	At approx. NZMS 260 T24:306-844
Lower Mangaone Stream	Mangaone Stream	1	At approx. NZMS 260 S24:283-878	
Oroua	Upper Oroua	Oroua River	1	At approx. NZMS 260 T23:347-092
			1	At approx. NZMS 260 T23:343-075
			1	At approx. NZMS 260 T23:341-077
			1	At approx. NZMS 260 T23:366-114
			1	At approx. NZMS 260 T23:348-089
			1	At approx. NZMS 260 T23:328-072
	Lower Oroua	Oroua River	1	At approx. NZMS 260 S24:185-938
			1	At approx. NZMS 260 T22:522-406
	Kiwitea	Kiwitea Stream	1	At approx. NZMS 260 S23:254-055
			1	At approx. NZMS 260 S23:228-111
Makino	Mangaone West Stream	1	At approx. NZMS 260 S23:243-006	
		1	At approx. NZMS 260 S23:254-023	
Coastal Manawatu	Coastal Manawatu	Manawatu River	1	At approx. NZMS 260 S24:129-785
			1	At approx. NZMS 260 S24:132-741
			1	At approx. NZMS 260 S24:115-717
			1	At approx. NZMS 260 S24:033-735
	Lower Tokomaru	Tokomaru River	2	At approx. NZMS 260 S24:143-729
	Mangaore	Mangaore Stream	1	At approx. NZMS 260 S25:165-691
Koputaroa	Koputaroa Stream	1	At approx. NZMS 260 S25:070-630	
Middle Rangitikei	Pukeokahu – Mangaweka	Kawhata River	1	At approx. NZMS 260 T22:631-496
			1	At approx. NZMS 260 T22:635-492
Lower Rangitikei	Lower Rangitikei	Rangitikei River	1	At approx. NZMS 260 S23:265-294
			1	At approx. NZMS 260 S23:235-273
			1	At approx. NZMS 260 S23:221-236
			1	At approx. NZMS 260 S23:212-227
			1	At approx. NZMS 260 S23:224-255
			1	At approx. NZMS 260 T22:310-303
			1	At approx. NZMS 260 S23:212-227
			1	At approx. NZMS 260 T22:353-361
			1	At approx. NZMS 260 S23:252-285
			1	At approx. NZMS 260 S23:089-089
Coastal Rangitikei	Coastal Rangitikei	Rangitikei River	1	At approx. NZMS 260 S23:076-071
			1	At approx. NZMS 260 S23145-105
			1	At approx. NZMS 260 S23:167-122
			1	At approx. NZMS 260 S23:163-138
			1	At approx. NZMS 260 S24-040-995
			1	At approx. NZMS 260 S23:168-149
			1	At approx. NZMS 260 S23:088-083
			1	At approx. NZMS 260 S23:082-053
			1	At approx. NZMS 260 S23:176-155
			1	At approx. NZMS 260 S23:158-122
			1	At approx. NZMS 260 S23:075-055

Management Zone	Sub zone	River	Number of Consents	Description	
			4	At approx. NZMS 260 S23:076 053	
			4	At approx. NZMS 260 S23:073 056	
			4	At approx. NZMS 260 S23:171 142	
			4	At approx. NZMS 260 S23:111 103	
			4	At approx. NZMS 260 S24:042 998	
			4	At approx. NZMS 260 S23:150 115	
			4	At approx. NZMS 260 S23:187 209	
			4	At approx. NZMS 260 S23:184 185	
			4	At approx. NZMS 260 S23:060 032	
				Tidal Rangitikei	Rangitikei River
	Tutaenui	Tutaenui Stream	4	At approx. NZMS 260 S23:112 282	
Cherry Grove	Cherry Grove	Whanganui River	4	At approx. NZMS 260 S18:074 551	
Lower Whanganui	Lower Whanganui	Whanganui River	4	At approx. NZMS 260 R22:898 436	
		Wairoka Stream	4	At approx. NZMS 260 R22:897 459	
		Mateongaonga Stream	4	At approx. NZMS 260 R22:883 429	
		Mangamoku Stream	4	At approx. NZMS 260 S22:914 429	
				4	At approx. NZMS 260 T21:317 887
Upper Whangaehu	Waitangi	Waitangi Stream	4	At approx. NZMS 260 T21:337 893	
		Makiokio Stream	4	At approx. NZMS 260 T21:395 898	
			4	At approx. NZMS 260 S21:245 890	
	Tokiahuru	Tokiahuru Stream		4	At approx. NZMS 260 S21:258 890
				4	At approx. NZMS 260 S21:261 891
				4	At approx. NZMS 260 S21:264 894
				4	At approx. NZMS 260 S21:263 894
				4	At approx. NZMS 260 S21:218 866
				4	At approx. NZMS 260 S20:252 906
				4	At approx. NZMS 260 S20:252 906
	Waitaki Stream	4	At approx. NZMS 260 S20:252 906		
Middle Whangaehu	Middle Whangaehu	Rangiwahia Stream	4	At approx. NZMS 260 S21:211 836	
Lower Whangaehu	Lower Whangaehu	Mangawhero River	4	At approx. NZMS 260 S22:057 497	
	Lower Makotuku	Little Makara Stream	4	At approx. NZMS 260 S20:091 014	
		Makara Stream	4	At approx. NZMS 260 S20:118 027	
	Upper Mangawhero	Mangawhero River		4	At approx. NZMS 260 S20:107 957
				4	At approx. NZMS 260 S20:158 951
				4	At approx. NZMS 260 S20:167 966
				4	At approx. NZMS 260 S20:173 962
				4	At approx. NZMS 260 S20:125 956
		Hapuawhenua Stream	4	At approx. NZMS 260 S20:122 967	
		Taonui Stream	4	At approx. NZMS 260 S20:178 953	
		Mangaoteitei Stream	4	At approx. NZMS 260 S20:187 952	
			4	At approx. NZMS 260 S20:186 952	
		Makaranui Stream	4	At approx. NZMS 260 S20:151 952	
			4	At approx. NZMS 260 S20:143 945	
	Colins Creek	4	At approx. NZMS 260 S20:229 984		
Coastal Whangaehu	Coastal Whangaehu	Whangaehu River	4	At approx. NZMS 260 S22:009 347	
Ohau	Lower Ohau	Ohau River	4	At approx. NZMS 260 S25:014 572	
			4	At approx. NZMS 260 S25:937 581	
Akitio	Lower Akitio	Akitio River	4	At approx. NZMS 260 U24:940 712	
			4	At approx. NZMS 260 U24:964 707	
			4	At approx. NZMS 260 U24:947 714	
Kai Iwi	Kai Iwi	Katikara Stream	4	At approx. NZMS 260 R22:825 488	
Mowhanau	Mowhanau	Omapu Stream	4	At approx. NZMS 260 R22:803 459	
Lake Papaitonga	Lake Papaitonga	Lake Papaitonga	4	At approx. NZMS 260 S25:938 617	

Management Zone	Sub zone	River	Number of Consents	Description
Waikawa	Waikawa	Waikawa Stream	1	At approx. NZMS 260 S25:938 521
		Manukau Stream	1	At approx. NZMS 260 S25:968 517
			1	At approx. NZMS 260 S25:967 511

Schedule Ba: VALUES KEY**A) PICTORIAL KEY: Sites of Significance for Aquatic Biodiversity (SoS-A) Value Indicator Species (refer Map Ba:12 and Table Ba:12) and Inanga (refer Map Ba 15 and Table Ba 15)**

Species Photo	Species Name
	<u>Koaro (<i>Galaxias brevipinnis</i>)^{2,3}</u>
	<u>dwarf Galaxias (<i>Galaxias divergens</i>)</u>
	<u>shortjaw kokopu (<i>Galaxias postvectis</i>)^{2,2}</u>
	<u>redfin bully (<i>Gobiomorphus huttoni</i>)²</u>
	<u>banded kokopu (<i>Galaxias fasciatus</i>)^{2,2}</u>
	<u>Lamprey (<i>Geotria australis</i>)⁴</u>
	<u>blue duck (whio, <i>Hymenolaimus malacorhynchus</i>)⁵</u>
	<u>brown mudfish (<i>Neochanna apoda</i>)</u>
	<u>giant kokopu (<i>Galaxias argenteus</i>)^{2,2}</u>
	<u>bluegill bully (<i>Gobiomorphus hubbsi</i>)²</u>
	<u>Inanga (<i>Galaxias maculatus</i>)²</u>

² Part of whitebait* catch³ Photo from the Natural Science Image Library of NZ⁴ Photo taken by Mike Joy – Massey University⁵ Photo taken by Chris Robertson

B) WATER[^] MANAGEMENT VALUES KEY: showing the management objectives, where they apply in the region, and where to find them in Schedule B.

Value Group	Individual values	Management Objective	Where it applies	Location in Schedule Ba	
Ecosystem Values	NS	Natural State	The <i>water_body</i> [*] is maintained in its natural state	Conservation Land Refer to Map D:9 Page 19 and Table D.3 Page 20	Map Ba:11 page Ba-63 and Table Ba.11 Page Ba-64
	LSC	Life-Supporting eCapacity	The <i>water_body</i> [*] supports healthy aquatic life / ecosystems	All natural <i>water bodies</i> [*] (40 8 classes) Refer to Map D:10 Page 21 and Table D.4 Page 22	Map Ba:10 page Ba-47 and Table Ba.10 pages Ba-42 – Ba-55
	SOS-A	Sites of Significance – Aquatic	Sites of significance for native-indigenous aquatic biodiversity are maintained or improved	Specified sites / reaches Refer to Map D:11 Page 27 and Table D.5 Page 28	Map Ba:12 page Ba-66 and Table Ba.12 pages Ba-67 – Ba-76
	SOS-R	Sites of Significance – Riparian	Sites of significance for native-indigenous riparian biodiversity are maintained or improved	Specified sites / reaches Refer to Map D:12 Page 36 and Table D.6 Page 37	Map Ba:13 page Ba-78 and Table Ba.13 pages Ba-79 – Ba-81
	NFS_IS	Native Fish Spawning Inanga Spawning	The <i>water_body</i> [*] sustains healthy native fish Inanga spawning and fry egg development	Specified sites / reaches Refer to Map D:13 Page 40 and Table D.7 Page 41	Map Ba:15 page Ba-88 and Table Ba.15 pages Ba-89 – Ba-90
	WM	Whitebait [*] Migration	The <i>water_body</i> [*] is maintained or improved to provide safe passage of inwardly migrating juvenile native fish known collectively as <i>whitebait</i> [*]	Specified sites / reaches Refer to Map D:15 Page 47 and Table D.9 Page 48	Map Ba:17 page Ba-97 and Table Ba.17 pages Ba-98 – Ba-100
Recreational and Cultural Values	CR	Contact rRecreation	The <i>water_body</i> [*] is suitable for contact recreation	All natural <i>water bodies</i> [*]	
	Am	Amenity	The amenity values of the <i>water_bodies</i> [*] and their margins are maintained or improved	Coastal Marine Area + Specified sites / reaches Refer to Map D:14 Page 43 and Table D.8 Page 44	Map Ba:16 page Ba-92 and Table Ba.16 pages Ba-93 – Ba-95
	NF	Native Fishery	The <i>water_body</i> [*] sustains populations of native fish that can be harvested in a sustainable manner	Specified sites / reaches Refer to Map D:15 Page 47 and Table D.9 Page 48	
	MAU	Mauri [*]	The <i>Mauri</i> [*] of the <i>water_body</i> [*] is maintained or improved	All natural <i>water bodies</i> [*]	
	SG	Shellfish Gathering	The <i>waterbody</i> [*] is suitable for shellfish harvesting	Coastal waters (CMA)	
	SOS-C	Sites of sSignificance - Cultural	Sites of significance for cultural values are maintained	To be defined	Map Ba:18 page Ba-101 and Table Ba.18 pages Ba-102 – Ba-103
	TF	Trout Fishery	The <i>water_body</i> [*] sustains healthy rainbow and / or brown trout fisheries.	Specified zones / reaches (3 categories) Refer to Map D:16 Page 50 and Table D.10 Page 51	Map Ba:19 page Ba-105 and Table Ba.19 pages Ba-106 – Ba-113
	TS	Trout Spawning	The <i>water_body</i> [*] meets the requirements of rainbow and brown trout spawning and larval and fry development	Specified sites / reaches Refer to Map D:17 Page 57 and Table D.11 Page 58	MapBa:20 page Ba-115 and Table Ba.20 pages Ba-116 – Ba-126
Ae	Aesthetics	The aesthetic values of the <i>water_body</i> [*] and its margins are maintained or improved	Specified sites / reaches Refer to Map D:18 Page 66 and Table D.12 Page 67	Map Ba:14 page Ba-83 and Table Ba.14 pages Ba-84 – Ba-86	
Water [^] Use	WS	Water [^] Supply	The <i>water_body</i> [*] is suitable as a raw drinking <i>water</i> [^] source for human consumption	Catchments above surface <i>water</i> [^] takes for community <i>water</i> [^] supply Refer to Map D:19 Page 69 and Table D.13 Page 70	Map Ba:21 page Ba-128 and Table Ba.21 pages Ba-129 – Ba-135
	IA	Industrial Abstraction	The <i>water_body</i> [*] is suitable as a <i>water</i> [^] source for industrial abstraction	All natural <i>water bodies</i> [*] except those classified as NS and those covered by NWC0 and those identified as zero allocation zones in Schedule B Refer to Map D:20 Page 73 and Table D.14 Page 74	
	I	Irrigation	The <i>water_body</i> [*] is suitable as a <i>water</i> [^] source for irrigation-	All natural <i>water bodies</i> [*] except those classified as NS and those covered by NWC0 and those identified as zero allocation zones in Schedule B Refer to Map D:21 Page 75 and Table D.15 Page 76	
	SW	Stockwater	The <i>water_body</i> [*] is suitable as a supply of drinking <i>water</i> [^] for livestock.	All <i>water bodies</i> [*] including artificial	
Social /Economic Values	CAP	Capacity to Assimilate Pollution	The capacity of a <i>water_body</i> [*] to assimilate pollution is not exceeded	All natural <i>water bodies</i> [*] except NS	
	FC/D	Flood Control and Drainage	The integrity of existing flood and river bank erosion protection structures and existing drainage structures is not compromised	Existing flood/ erosion control and drainage schemes	Map Ba:22 page Ba-136 and Table Ba.22 pages Ba-137 – Ba-154
	D	Drainage	The integrity of existing drainage structures [^] shall not be compromised	Existing drainage schemes	
	EI	Existing Infrastructure [^]	The integrity of existing <i>infrastructure</i> [^] shall not be compromised	Drainage scheme areas This applies in the general vicinity of any existing infrastructure such as roads, culverts, bridges, <i>water</i> [^] intakes, discharge pipes, flow recording stations and gas pipelines	

C) WATER[^] MANAGEMENT VALUES CLASSIFICATION SUB-CODE KEY:⁶

Value	Classification Sub-Codes	
LSC	Life Supporting Capacity	UHS: Upland Hard Sedimentary UVA: Upland Volcanic Acidic UVM: Upland Volcanic Mixed UII: Upland Limestone HM: Hill Mixed HSS: Hill Soft Sedimentary LM: Lowland Mixed LS: Lowland Sand
TF	Trout Fishery	I: Outstanding II: Regionally Significant III: Other Trout Fishery

⁶ Note to the Hearing Panel this is a new table but not new information. It takes the Key from Table D:1 of the POP and puts it into Tabular format.